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AN ANALYSIS OF THE EXPORT COMPETITIVENESS OF BRIC

L.G. Burange Neha N. Karnik

The paper attempts to evaluate export competitiveness of BRIC for merchandise trade, covering the period from 1997 to 2013. The study analyses the structure of the Revealed Comparative Advantage (RCA) at Section, Chapter and Product levels. The study further tries to investigate the RCA of BRIC for different types of classification at the product level, i.e., Trade classification, UNCTAD classification and WTO classification. According to Trade Classification, Brazil, Russia and India enjoy RCA for the export of Ricardo products (products which use natural resources for their production). For Heckscher-Ohlin products (produced with standard technology with low R&D intensity), India and China show competitiveness mainly due to abundant labour endowment. However, in the group, only China depicts RCA in the export of Product-cycle products (technology-intensive with high R&D intensity) because of FDI which helped China to gain RCA from 2005 onwards. UNCTAD Classification suggests that with the exception of China all other BRIC members enjoy export competitiveness for primary goods. Moreover, BRIC invariably shows export competitiveness for low-technology skill-based products. However, none of the member countries of BRIC exhibit advantage in exporting medium and high-technology skill-based products with the exception of China. On the basis of massive FDI inflows accompanied by advanced technology, China exhibits RCA in high-technology skill-based products from 2003 onwards. As per WTO Classification, BRIC lost its export competitiveness for agricultural products from 2003 onwards. However, Brazil maintains its comparative advantage for agricultural, raw material and intermediate products. India and China retain their competitiveness for consumer products. As far as capital goods are concerned, China is the only country in the group that started to gain competitiveness from 2003 onwards.

1. INTRODUCTION

BRIC is a group of countries, *viz.*, Brazil, Russia, India and China, which have experienced rapid economic growth in GDP. At the same time, their contribution to world trade also increased considerably in the last decade. BRIC's share in world exports was less than 8 per cent in the year 2001 but it reached to 22 per cent in 2013. The remarkable fact is BRIC's export contribution to world exports was more than its share of world imports. With the growing exports of BRIC in world trade, it is interesting to investigate the export competitiveness of BRIC with its enormous capacity for trade.

BRIC is the term coined by Jim O'Neill, the chief economist of Goldman Sachs in 2001. He was the first person who recognised and highlighted BRIC's growth prospects and its role in global trade [O'Neill, 2001]. Each member country of BRIC has a unique feature which stands for its inbuilt potential to grow. Brazil is extremely rich in natural resources; Russia possesses massive deposits of natural gas and minerals. India is a strong service provider to the world. China proved itself as a manufacturing giant. These differences in their endowments have been reflected in their export basket [Government of India, 2012]. However, the actual political interaction within BRIC started in the year 2006, when the 61st United Nations

L.G. Burange is Professor of International Economics, Department of Economics, University of Mumbai, Mumbai, India.
Neha N. Karnik is Research Scholar, Department of Economics, University of Mumbai, Mumbai, India.

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assembly meeting was held in New York. This gave a platform for political dialogues within BRIC. This high level gathering was followed by a large scale diplomatic meeting on 16th May, 2008, in Yekaterinburg, Russia. Finally, this paved the way for annual BRIC summits, from its inception in 2009, total six summits were held till 2014. Each member country takes turns to host this summit. The first summit was focused on issues like a more stable and diversified international monetary system, reformation of financial institutions and increased co-operation. However, it could not address the issues effecting countries of BRIC. It has been criticised as an empty forum, as all member countries of BRIC struggled to find a common cause for which they had come together, because these countries had radically different competing priorities and dissimilar economic and political structures. The second summit was held in Brasilia, Brazil, in 2010. During this summit BRIC signed a joint statement and took concrete steps to move forward towards co-operation and co-ordination. South Africa became an official member of the group on 24th December, 2010 and the group was renamed 'BRICS'. In 2011, the third annual meeting hosted by China encouraged co-actions with the theme of broad vision and shared prosperity. During the fourth summit in 2012 in India, the group signed an agreement of extending credit facilities in local currency to promote intra-regional trade and to reduce demand for fully convertible currencies for transactions in order to reduce transaction costs. At the fifth summit held in South Africa, member countries agreed to establish a bank to fund infrastructural projects undertaken by the member countries. In the last summit hosted by Brazil [2014], BRICS signed an agreement to create a new development bank with an initial authorised capital of US $ 100 billion. The initial subscribed capital is to be of US $ 50 billion which would be equally shared among founding members. The headquarters of the Bank shall be located in Shanghai. BRICS new development bank shall work in accordance with sound banking principles. All these measures would ultimately increase trade opportunities among the member countries of BRICS.

Section *two* of the paper discusses methodology and data sources. Section *three* concisely deals with Hirschman Index (HI) of BRIC and elaborates on the Revealed Comparative Advantage (RCA) for exports of BRIC as a group and member countries of BRIC as well. Section *four* assesses RCA of BRIC and of each member of BRIC on the basis of three different classifications of products, the classifications based on trade theories, UNCTAD and the WTO classification. Section *five* concludes the paper.

2. METHODOLOGY

We have estimated export concentration using HI and computed RCA for BRIC as a group and also for each member country of BRIC separately.

2.1 Hirschman Index (HI):

This index was first developed and used by Hirschman in his trade study, where the square root of the sum of squared market shares of products were calculated [Hirschman, 1945, 1964]. Thus, it is popularly known as Hirschman Index (HI). It is widely used to measure the trade concentration. The HI is as follows;

$$H_j = \sqrt{\sum_{i=1}^{n}(x_i/X)^2}\ x100 \qquad \ldots.(1)$$

where, H_j is the Hirschman Index for country j, x_i is the value of exports of product i from country j (defined at the HS-06 digit classification) and X is the total export of country j. The index is multiplied by 100 and, therefore, the index ranges between 0 and 100, lower value indicates less concentrated trade structure.

2.2 Revealed Comparative Advantage (RCA):

The concept of comparative advantage is ascribed to J. S Mill, Adam Smith and David

Ricardo. It was determined by the opportunity cost and labour specialisation. More recently, the modern theory of trade propounded by Hecksher and Ohlin emphasised factor endowment as a major factor influencing comparative advantage. In 1965, Bela Balassa elaborated the idea of Revealed Comparative Advantage (RCA) which pertains to relative trade performance of an individual country. According to him, if country's trade performance is determined by comparative advantage then observation of trade performance should also reveal its comparative advantage [Leishman et al., 1999]. However, the concept of the RCA was pioneered by Liesner [1958, Pp. 302-16]. But it was popularised and refined by Balassa [1965, Pp. 99-123; 1989], and thus it is popularly known as the Balassa Index. The idea is to determine country's strong sector by analysing its export flow. The actual export flow reveals a country's strong sectors, therefore, its RCA. There exists a range of alternative indices for measuring RCA which have been suggested and employed in the literature, such as Yu et al., [2009, Pp. 267-82], Hoen and Oosterhaven [2006, Pp. 677-91], Proudman and Redding [2000, Pp. 373-96], Lafay [1992], Bowen [1983, Pp. 464-72], Wolter [1977, Pp. 250-67], Donges and Riedel [1976], and Michaely [1967], etc. Apart from these, Vollrath [1991, Pp. 265-80] offered three alternative ways of measurement of a country's RCA. These alternative specifications of the RCA are relative trade advantage (RTA), logarithm of the relative export advantage (ln RXA) and revealed competitiveness (RC). These alternative measures of the RCA implicitly give incomplete and unstable results due to a problem of implementing RCA indices. Trade patterns always have been depending upon government interventions. Government subsidies and import barriers or protectionalist policies distort RCA indices, thus leading to misinterpretation of comparative advantage. Utkulu and Seymen [2004] tried to test stability of the RCA indices and inferred that the results were reasonably stable for both Vollrath three alternative indices and Balassa's RCA.

We use Balassa's RCA index [Balassa, 1965] which estimates the trade performance of an individual country for a particular product. It is a very commonly used measure of the revealed comparative advantage of a country in foreign trade. A modified formula of the RCA [Burange and Chaddha, 2008] has been applied in the study for the measurement of comparative advantage for export as follows,

$$RCA_{ij} = \frac{x_{ij}/X_i}{x_{wj}/X_w} \qquad \ldots.(2)$$

where,

RCAij = RCA of the ith country's jth industry,
xij = Merchandise exports of the jth industry by the ith country,
Xi = Total merchandise exports of the ith country,
xwj = World merchandise exports of the jth industry,
Xw = Total merchandise exports of the world.

The index of the RCA_{ij} has a relatively simple interpretation. If the value of RCA is greater than one, it signifies a country has exported that product relatively more than the world in that particular year. In other words, the RCA measures a country's competitiveness of exports in foreign trade.

Among the variety of alternative indices to measure comparative advantage, this study used the modified Balassa index based on export. This is the most relevant index for the analysis of competitiveness of export of BRIC countries because it takes into account export data only. This index is widely used due to its simplicity of calculation and appropriateness in dealing with trade data. Moreover, one can use this index for a variety of other sectors, industries and products and also rank it in terms of estimated RCA values.

One can also employ this index for cross-commodity, cross-country and for inter-temporal comparisons of RCA.

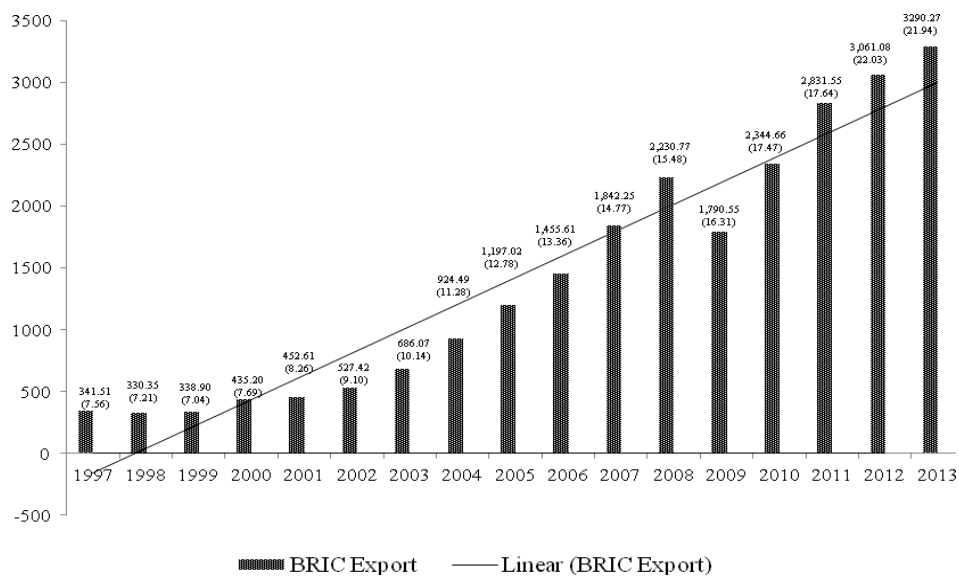
This study is based on export trade data as per HS-1996 classification. The RCA is estimated at the Section, Chapter (HS-02 digits classification) and at the disaggregated (HS-06 digits) levels of the Harmonised System (HS) classification. For the description of sections and chapters, refer to Table A1 and A2 in Annexure A. The basic data source is the UNCOMTRADE for Brazil, Russia, India and China and for the world for the period from 1997 to 2013. This database keeps on updating its data, as it receives more information from the reporting countries. Therefore, there may be discrepancy in the data retrieved afterwards. Apart from this there are two major limitations of the study. First, South Africa being a new entrant in this group since 2011 we have not included South Africa in this analysis. Secondly, this study excluded project goods (Chapter 98) and unspecified products (Chapter 99) for which data have not been reported in the UN-COMTRADE database. In order to explore comparative advantage the study regrouped data into three different classifications of categories of products. Data at HS-06 digit level classified all products first on the basis of the *Trade Classification*, Ricardo, Heckscher-Ohlin (HO) and Product-cycle (PC) products (Annexure B, Table B1). Ricardo products comprises those products which use natural resources for their production such as wood, paper, ores, food, non-ferrous metals, oil, etc. The countries which are at the lower levels of development generally export such products whose production is based on natural availability of resources in the economy. Production of HO products is based on standard technology and requires low investment in research and development (R&D). HO products are not very skill and knowledge intensive because not much expenditure is spent on R&D. Thus, production of HO products, passed on to the developing countries, enable these countries to reap benefits from economies of scale. On the other hand, PC products are technology-intensive with high R&D activities. Innovation is the key to unlock the technology used in the production of PC products; thus, it changes rapidly. The ability to cope with rapidly changing technology is present only with the developed countries; hence, they enjoy comparative advantage in exports of PC products [Burange and Chaddha, 2008]. Second, the *UNCTAD Classification* of primary and manufacturing products, further separates manufacturing products into low-technology skill based, medium-technology skill based and high-technology skill based manufactured products (Table B2). And third, the *WTO Classification* essentially groups products on the basis of its input and output use. WTO categorises HS-06 digit products into agricultural products, raw materials, intermediate, consumer and capital goods. However, for the first two categories of classifications of products Standard International Trade Classification (SITC) is a preferred classification. The SITC has been developed by the United Nations. It classifies traded products on the basis of their material and physical properties, stage of processing, and their economic functions while the HS classification has the merit of detailed disaggregation but is restricted only to a precise breakdown of the individual products categories. Thus, the preliminary and important step is to map HS-06 digit with SITC (Rev. 3) products on the basis of concordance using UN-COMTRADE classification registry. The second step is to aggregate these products into SITC three digit level, as in UN-COMTRADE classification registry, product classifications are available only up to SITC three digit level of aggregation. The elaborated list of SITC (Rev.3) three digit codes comprising each of these categories is given in Annexure B, Tables B1 and B2.

3. ANALYSIS OF BRIC'S EXPORT

This section incorporates three sub-sections. The first sub-section provides a brief overview about BRIC's exports and estimates trade concentration of BRIC and each member of BRIC. In the second sub-section, BRIC's RCA is estimated at three expandable levels, those are section-wise, chapter-wise and at product level. The third sub-section discusses RCA of each member country at disaggregated levels.

It is evident from Figure 1 that BRIC's world merchandise export increased rapidly from the year 2001 to 2008. Due to the world economic downswing in 2008 export showed downward trend in 2009. However, BRIC's export bounced back and achieved a new high in 2013. BRIC's contribution in total world merchandise exports

Figure 1. BRIC's Total World Export (U.S. $ billions)



Note: Figures in parenthesis represent share in world exports expressed in percentages.

was a little more than 7 per cent in 1997 but rose to 21.94 per cent in 2013. This implies growing importance of BRIC in world trade. Moreover, BRIC invariably enjoyed a merchandise trade surplus for all the years of the study. BRIC's export grew at a Compound Annual Growth Rate (CAGR) of 17.88 per cent per annum. Table 1 shows the share of each member of BRIC in the world export basket of the BRIC. It is apparent from Table 1 that China's contribution overshadowed BRIC's total exports; almost 67 per cent of BRIC's exports to the world are Chinese

products. China's dominance accompanies a fall in shares of other member countries such as Brazil and Russia. Over the period of time, India's share was hovering around 8 to 10 per cent except for one dip in 2007. The increase in China's share in the exports of BRIC resulted in the export shares of Brazil and Russia declining.

3.1 Hirschman Index of Export Concentration: Members and BRIC

As indicated in Table 2, Brazil's HI increased from 12.00 per cent to 18.08 per cent from 1997 to 2013. At the HS-06 digit level, exports basket of Brazil was dominated by four products, namely, iron ores and concentrates, other than roasted

Table 1. Contributions of Member Countries in BRIC's Export

(Per cent)

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	15.19	21.76	9.97	53.08	100.00
1998	15.19	19.61	9.79	55.41	100.00
1999	13.81	18.39	10.66	57.14	100.00
2000	12.42	20.90	9.54	57.14	100.00
2001	12.62	19.31	9.41	58.66	100.00
2002	11.23	17.89	9.27	61.61	100.00
2003	10.49	17.25	8.52	63.74	100.00
2004	10.30	17.53	8.11	64.06	100.00
2005	9.72	18.47	8.29	63.52	100.00
2006	9.29	16.07	8.24	66.40	100.00
2007	8.49	17.58	7.83	66.10	100.00
2008	8.66	19.26	8.02	64.06	100.00
2009	8.39	15.15	9.44	67.02	100.00
2010	8.42	15.13	9.22	67.23	100.00
2011	8.86	14.02	10.16	66.96	100.00
2012	7.74	16.00	9.38	66.88	100.00
2013	7.21	15.62	10.08	67.01	100.00

iron pyrites non-agglomerated (260111), petroleum oils and oils obtained from bituminous minerals, crude (270900), soya beans whether or not broken (120100) and cane sugar (170111). Over the years, the contribution of these products in the exports basket of Brazil increased from 10 per cent to 30 per cent.

Russia's export has been highly concentrated among the BRIC countries. It was 31.49 per cent in 1997 which reached the peak in the year 2011 but dropped to 42.17 per cent in 2013. Russia's exports basket was largely concentrated in three products, *viz.*, petroleum oils and oils obtained from bituminous minerals, crude (270900), petroleum oils and oils obtained from bituminous minerals, other than crude; preparations not elsewhere specified or included (271000), and natural gas (271121). Over the years, the share of these products increased remarkably from 52 per cent to 70 per cent in Russia's export. However, the major share was contributed by petroleum oils and oils obtained from bituminous minerals, crude (270900) which was 20 per cent in 1997, increased to 34 per cent in 2013. India's HI

represented an increase in the export concentration from 14.62 per cent in 1997 to 22.36 per cent in 2013. Five products, namely, semi-milled or wholly-milled rice whether or not polished or glazed (100630), petroleum oils and oils obtained from bituminous minerals, other than crude; preparations not elsewhere specified or included (271000), ayurvedic, unani, homeopathic, siddha or bio-chemic system medicament

Table 2. Export Concentration of BRIC and Member Countries

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	12.00	31.49	14.62	5.44	8.59
	(4251)	(4488)	(4487)	(4947)	(5089)
1998	11.52	26.99	16.77	5.69	7.22
	(4291)	(4455)	(4478)	(4936)	(5085)
1999	11.35	30.38	19.09	5.84	7.45
	(4352)	(4426)	(4510)	(4928)	(5083)
2000	11.29	34.06	17.52	6.03	9.10
	(4374)	(5436)	(4634)	(4945)	(5087)
2001	11.62	35.44	15.29	6.44	8.99
	(4423)	(4480)	(4706)	(4945)	(5086)
2002	11.65	35.91	16.62	7.24	9.00
	(4417)	(4400)	(4787)	(4892)	(5077)
2003	11.59	37.40	16.86	8.02	9.34
	(4456)	(4390)	(4807)	(4894)	(5027)
2004	11.00	38.53	15.51	8.71	9.72
	(4452)	(4369)	(4836)	(4879)	(5022)
2005	11.02	41.65	16.93	8.76	10.75
	(4488)	(4297)	(4840)	(4892)	(5018)
2006	11.60	45.71	18.04	8.71	10.82
	(4470)	(4331)	(4832)	(4894)	(5016)
2007	11.87	41.17	19.28	8.21	10.43
	(4392)	(4115)	(4799)	(4611)	(4989)
2008	13.64	42.80	20.25	7.98	11.38
	(4268)	(4063)	(4827)	(4570)	(4973)
2009	14.99	41.45	18.82	8.92	10.22
	(4208)	(4034)	(4586)	(4568)	(4727)
2010	17.40	43.31	20.83	9.17	10.75
	(4132)	(3983)	(4573)	(4571)	(4724)
2011	19.00	49.21	22.86	8.75	11.19
	(4213)	(3945)	(4602)	(4562)	(4738)
2012	17.51	44.58	21.36	9.16	11.27
	(4164)	(4133)	(4580)	(4527)	(4732)
2013	18.08	42.17	22.67	9.38	10.99
	(4132)	(4404)	(4561)	(4536)	(4695)

Note: Figures in parenthesis represent total number of (HS-06 digit le=vel of classification) products exported.

(300490), non-industrial diamonds, cut or otherwise worked but not mounted or set (710239) and articles of jewellery, parts of precious metals whether or not plated clad (711319) dominated India's exports basket. Their contribution increased from 19 per cent in 1997 to almost 36 per cent in 2013 in India's export. Compared to other member countries, China's HI was low, impling diversified exports of China, but exhibited an increase in the export concentration. It increased from 5.44 per cent in 1997 to 9.38 per cent in 2013. The share of 3 products, namely, portable digital automatic data processing machines of weights not more than 10 kg. (847130), two-way radio communication equipments (852520) and electronic integrated circuits, monolithic analogue and digital (854230) accelerated from 0.55 per cent in 1997 to 13 per cent in 2013.

As far as BRIC is concerned, it registered an increase in HI from 8.59 per cent in 1997 to 10.99 per cent in 2013. China had substantial contribution in BRIC's exports basket. However, the export concentration of BRIC was higher than that of China because more trade concentration was exhibited by Brazil, Russia and India. Five products predominated in BRIC's export (whose contribution increased from 12 per cent to 22 per cent) comprising petroleum oils and oils obtained from bituminous minerals, crude (270900), petroleum oils and oils obtained from bituminous minerals, other than crude; preparations not elsewhere specified or included (271000), kerosene jet fuel (271021), portable digital automatic data processing machines of weights not more than 10 kg. (847130) and two way radio communication equipments (852520). In short, within the BRIC member countries, Russia's export is highly concentrated while China's export is relatively less concentrated.

3.2 Revealed Comparative Advantage of BRIC

BRIC's section-wise picture shows that, in 1997, out of 21 sections, BRIC enjoyed an advantage (that is, for these RCA > 1) for 11 sections whereas this number got cut down to 8 in 2013 (Annexure C, Table C1). Over the period of time, vegetable products (S-2), prepared food stuffs, beverages, spirits vinegar (S-4), wood and articles thereof (S-9) and base metals (S-15) lost their comparative advantage. Precious and semi-precious stones (S-14) displayed comparative advantage from 1997 onwards. Nonetheless, it experienced a fall in its competitiveness after 2007, but regained its export advantage in 2011 and 2013. On the other hand, machinery and mechanical appliances (S-16) gained competitiveness in world trade. One can observe structural change in BRIC's basket of exports. BRIC as a group has been gradually shifting its competitiveness from primary to manufacturing products. However, five sections retained their advantage namely, raw hides and skins, leather fur skin and articles thereof (S-8), textiles and products (S-11), footwear and umbrellas etc (S-12) and articles of stones, cement, plaster ceramic products (S-13) which are basically resource-based in nature. The remaining one is miscellaneous manufacturing articles (S-20).

Considering BRIC's chapter-wise scenario, in 1997, chapters in which it had comparative advantage were 58 which number came down to 47 in 2013 (Annexure D, Table D1). Moreover, 37 chapters were successful in maintaining their export competitiveness for all the years of study. Manufactures of straw, of esparto or of other plaiting materials (C-46) showed highest RCA value for the initial two years. Afterwards it exchanged its position with prepared feathers, etc. (C-67) in 1999. Chapter (C-67) commanded first rank for ten years. However, in 2010, its first position has been replaced by umbrellas, sun-umbrellas, etc. (C-66) and maintained till date. Section-wise picture portrays a bird's eye view

on the comparative advantage of BRIC. Hence, it becomes necessary to examine RCA at more disaggregated levels. A chapter-wise ranking of RCA exhibits competitive chapters in the merchandise export of the BRIC. Table 3 lists chapters which gained and lost advantage during the period from 1997 to 2013.

At the disaggregated (HS-06 digit) level in 1997 BRIC enjoyed competitiveness for 1936 products (38.04 %) out of 5089 (Table 4). The count reached 1959 (41.73 %) out of 4695 products in the year 2013. In the year 2006, BRIC enjoyed comparative advantage for maximum products, the count being to 2097

Table 3. BRIC's Inter-temporal Movement of RCA of Exports at Chapter Level During 1997 to 2013

Number of Chapters that have sustained their advantage during 1997 to 2013: 37 C-05, C-09, C-12, C-13, C-14, C-16, C-17, C-28, C-31, C-36, C-42, C-43, C-46, C-50, C-52, C-53, C-55, C-57, C-58, C-60, C-61, C-62, C-63, C-64, C-65, C-66, C-67, C-68, C-69, C-75, C-81, C-82, C-83, C-92, C-94, C-95, C-96.

Number of Chapters that have gained Advantage during 1997 to 2013: 07

Chapter	Description
54	Manmade filaments
59	Impregnated, coated, covered etc
70	Glass and glassware products
73	Articles of iron and steel
84	Machinery and mechanical appliances
85	Electrical machinery and equipments
89	Ships, boats and floating structures

Number of chapters that have lost advantage during 1997 to 2013: 18

Chapter	Description
07	Edible vegetables and certain roots and tubers
20	Preparations of vegetables, fruit, nuts or other plant parts
23	Food industry residues & waste; prepared animal feed
24	Tobacco and manufactured tobacco substitutes
25	Salt, sulphur, earths and stones etc
26	Ores, slag and ash
41	Raw hides and skins (other than fur skins) and leather
44	Wood and articles of wood; wood charcoal
47	Pulp of wood and other fibrous cellulosic materials
51	Cotton
71	Natural and cultural pearls
72	Iron and steel
74	Copper and articles thereof
76	Aluminium and articles thereof
78	Lead and articles thereof
79	Zinc and articles thereof
80	Tin and articles thereof
91	Clocks and watches and parts thereof

Note: Please refer Annexure A, Table A2 and Annexure D, Table D1 for details.

Table 4. Total Number of Exported and Value of Exported products and of Export Competitive Products at Disaggregated Level (HS-06 Digit Classification) of Members and BRIC (US $ Million)

Year	Items	Brazil		Russia		India		China		BRIC	
		No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1997	1. Total exported products	4251	51891.37	4488	74328.01	4487	34057.86	4947	181232.33	5089	341509.56
	2. Products with RCA>1	739	43007.73	535	67522.36	1161	30317.25	1814	150050.26	1936	266486.68
	3. Percentage of products with RCA>1	17.38	82.88	11.92	90.84	25.81	89.02	36.67	82.79	38.04	78.03
	4. Products which lost competitiveness (RCA>1) compared to previous year	--	--	--	--	--	--	--	--	--	--
	5.Products which gained competitiveness (RCA>1) compared to previous year	--	--	--	--	--	--	--	--	--	--
1998	1. Total exported products	4291	50171.02	4455	64770.12	4478	32338.87	4936	183071.34	5085	330351.36
	2. Products with RCA>1	719	41829.34	550	58582.04	1118	28920.28	1812	150918.54	1962	257017.27
	3. Percentage of products with RCA>1	16.76	83.37	12.35	90.45	25.93	89.43	36.71	82.44	38.58	77.8
	4. Products which lost competitiveness (RCA>1) compared to previous year (1997)	132	1.38	108	0.64	201	1.17	185	1.14	180	1.09
	5.Products which gained competitiveness (RCA>1) compared to previous year(1997)	112	3.61	123	10.68	227	1.29	182	1.92	206	5.00
1999	1. Total exported products	4352	46810.30	4426	62314.27	4510	36112.73	4928	193661.43	5083	338898.73
	2. Products with RCA>1	765	38987.26	565	56651.33	1187	32304.09	1836	161002.55	1999	268573.61

(Contd.)

Table 4. ***(Contd.)***

Year	Items	Brazil		Russia		India		China		BRIC	
		No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	3. Percentage of products with RCA>1	17.58	83.29	12.74	90.91	26.32	89.45	37.26	83.14	39.33	79.25
	4. Products which lost competitiveness (RCA>1) compared to previous year (1998)	99	1.81	136	0.75	174	0.59	169	0.72	179	0.82
	5.Products which gained competitiveness (RCA>1) (RCA>1) compared to previous year (1998)	145	3.49	151	4.8	224	2.40	193	3.04	216	3.61
2000	1. Total exported products	4374	54045.31	5436	90947.93	4634	41516.38	4945	248687.74	5087	435197.35
	2. Products with RCA>1	788	44044.47	557	83092.84	1345	36890.58	1892	204007.96	2038	338098.73
	3. Percentage of products with RCA>1	18.02	81.5	10.25	91.36	29.02	88.86	38.26	82.03	40.06	77.69
	4. Products which lost competitiveness (RCA>1) compared to previous year (1999)	119	1.21	135	0.81	133	0.49	120	0.61	160	1.96
	5.Products which gained competitiveness (RCA>1) compared to previous year (1999)	142	5.63	127	3.67	241	5.98	176	3.57	199	2.55
2001	1. Total exported products	4423	57100.54	4480	87397.32	4706	42590.80	4945	265524.29	5086	452612.96
	2. Products with RCA>1	708	45459.59	538	79793.16	1384	36971.12	1858	222899.57	2018	353741.80
	3. Percentage of products with RCA>1	16.01	79.61	12.01	91.3	29.41	86.81	37.57	83.95	39.66	78.16

(Contd.)

Table 4. ***(Contd.)***

Year	Items	Brazil		Russia		India		China		BRIC	
		No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	4. Products which lost competitiveness (RCA>1) compared to previous year (2000)	161	2.73	122	0.81	201	1.83	155	1.01	204	1.26
	5.Products which gained competitiveness (RCA>1) compared to previous year (2000)	81	5.20	103	3.74	240	4.22	121	4.66	184	4.80
2002	1. Total exported products	4417	59215.14	4400	94340.20	4787	48909.87	4892	324950.33	5077	527415.54
	2. Products with RCA>1	715	47755.24	503	86757.61	1414	42513.02	1837	275914.32	2032	418618.54
	3. Percentage of products with RCA>1	16.19	80.65	11.43	91.96	29.54	86.92	37.55	84.91	40.02	79.37
	4. Products which lost competitiveness (RCA>1) compared to previous year (2001)	125	2.99	127	0.74	217	1.39	175	0.98	180	1.42
	5.Products which gained competitiveness (RCA>1) compared to previous year (2001)	132	5.16	92	5.10	246	3.42	154	4.15	194	5.46
2003	1. Total exported products	4456	71971.12	4390	118369.65	4807	58455.22	4894	437271.03	5027	686067.03
	2. Products with RCA>1	733	58150.93	483	108612.96	1455	50149.58	1800	373252.08	1973	552117.62
	3. Percentage of products with RCA>1	16.45	80.80	11	91.76	30.27	85.79	36.78	85.36	39.25	80.48
	4. Products which lost competitiveness (RCA>1) compared to previous year (2002)	110	0.75	89	0.88	243	1.01	156	1.11	223	1.28
	5.Products which gained competitiveness (RCA>1) compared to previous year (2002)	128	2.03	69	0.90	285	4.39	119	2.32	164	6.49

(Contd.)

Table 4. ***(Contd.)***

Year	Items	Brazil		Russia		India		China		BRIC	
		No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2004	1. Total exported products	4452	95204.45	4369	162053.32	4836	75012.14	4879	592217.35	5022	924487.26
	2. Products with RCA>1	746	76542.83	462	148701.15	1438	63587.91	1833	495511.12	2002	733391.44
	3. Percentage of products with RCA>1	16.78	80.40	10.57	91.76	29.74	84.77	37.57	83.67	39.86	79.33
	4. Products which lost competitiveness (RCA>1) compared to previous year (2003)	103	1.85	86	0.60	252	1.39	124	1.25	162	1.75
	5.Products which gained competitiveness (RCA>1) compared to previous year (2003)	116	5.25	65	0.73	235	3.05	157	2.52	191	2.55
2005	1. Total exported products	4488	116346.61	4297	221099.11	4840	99229.99	4892	760348.73	5018	1197024.44
	2. Products with RCA>1	754	93754.94	396	202381.00	1434	84618.82	1911	646613.34	2004	952729.57
	3. Percentage of products with RCA>1	16.8	80.58	9.22	91.53	29.63	85.28	39.06	85.04	39.94	79.59
	4. Products which lost competitiveness (RCA>1) compared to previous year (2004)	90	0.88	107	1.57	240	1.14	100	0.39	168	1.02
	5.Products which gained competitiveness (RCA>1) compared to previous year (2004)	98	4.92	41	0.30	236	4.19	178	4.13	170	2.05
2006	1. Total exported products	4470	135190.58	4331	233868.32	4832	119928.63	4894	966623.62	5016	1455611.15
	2. Products with RCA>1	764	106477.67	446	213662.07	1397	103031.59	1963	815026.19	2097	1170150.09
	3. Percentage of products with RCA>1	17.09	78.76	10.3	91.36	28.91	85.91	40.11	84.32	41.81	80.39

(Contd.)

Table 4. ***(Contd.)***

Year	Items	Brazil		Russia		India		China		BRIC	
		No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	4. Products which lost competitiveness (RCA>1) compared to previous year (2005)	91	0.71	39	0.23	230	1.23	111	1.14	122	0.70
	5.Products which gained competitiveness (RCA>1) compared to previous year (2005)	101	3.62	88	2.41	193	4.31	163	2.57	215	4.52
2007	1. Total exported products	4392	156364.49	4115	323794.55	4799	144212.09	4611	1217882.86	4989	1842254.00
	2. Products with RCA>1	742	121836.10	364	295987.11	1423	123090.05	1902	1029171.51	2039	1480761.31
	3. Percentage of products with RCA>1	16.89	77.92	8.85	91.41	29.65	85.35	41.25	84.50	40.87	80.38
	4. Products which lost competitiveness (RCA>1) compared to previous year (2006)	127	1.72	114	0.82	229	1.16	245	0.80	259	1.25
	5.Products which gained competitiveness (RCA>1) compared to previous year (2006)	105	3.83	33	13.55	254	2.20	184	8.65	201	7.65
2008	1. Total exported products	4268	193115.70	4063	429663.30	4827	178998.68	4570	1428988.78	4973	2230766.46
	2. Products with RCA>1	643	146788.82	316	394826.41	1469	153654.26	1938	1202053.64	2050	1621604.27
	3. Percentage of products with RCA>1	15.07	76.01	7.78	91.89	30.43	85.84	42.41	84.12	41.22	72.69
	4. Products which lost competitiveness (RCA>1) compared to previous year (2007)	170	2.13	74	0.75	203	1.37	133	1.18	193	9.32
	5.Products which gained competitiveness (RCA>1) compared to previous year (2007)	71	1.05	26	0.36	250	4.00	169	3.05	204	2.32

(Contd.)

Table 4. ***(Contd.)***

Year	Items	Brazil		Russia		India		China		BRIC	
		No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2009	1. Total exported products	4208	150195.13	4034	271285.72	4586	169045.66	4568	1200018.53	4727	1790545.03
	2. Products with RCA>1	614	124384.54	338	247099.62	1225	142441.12	1887	990980.06	1909	1315257.06
	3. Percentage of products with RCA>1	14.59	82.82	8.38	91.08	26.71	84.26	41.31	82.58	40.39	73.46
	4. Products which lost competitiveness (RCA>1) compared to previous year (2008)	108	2.50	48	0.47	414	2.18	158	3.30	284	1.45
	5.Products which gained competitiveness (RCA>1) compared to previous year (2008)	79	9.20	70	2.21	170	4.74	108	1.24	143	2.07
2010	1. Total exported products	4132	197346.87	3983	354841.51	4573	216179.03	4571	1576296.65	4724	2344664.06
	2. Products with RCA>1	563	167543.87	305	330092.44	1181	181483.94	1933	1302284.84	1921	1715232.01
	3. Percentage of products with RCA>1	13.63	84.90	7.66	93.03	25.83	83.95	42.29	82.62	40.69	73.15
	4. Products which lost competitiveness (RCA>1) compared to previous year (2009)	121	2.97	67	0.38	214	1.91	102	0.62	131	0.84
	5.Products which gained competitiveness (RCA>1) compared to previous year (2009)	70	2.48	34	1.75	170	3.46	148	2.27	143	1.43
2011	1. Total exported products	4213	250970.79	3945	396916.52	4602	287617.70	4562	1896046.74	4738	2831551.76
	2. Products with RCA>1	540	211630.86	310	368872.51	1234	247553.04	2001	1586449.98	1994	2054071.72
	3. Percentage of products with RCA>1	12.82	84.32	7.86	92.93	26.81	86.07	43.86	83.67	42.09	72.54

(Contd.)

Table 4. ***(Contd.)***

Year	Items	Brazil		Russia		India		China		BRIC	
		No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value	No of Products	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	4. Products which lost competitiveness (RCA>1) compared to previous year (2010)	93	1.24	46	0.55	158	0.99	89	0.44	101	1.13
	5.Products which gained competitiveness (RCA>1) compared to previous year (2010)	70	2.04	53	0.68	211	5.46	156	2.80	174	2.10
2012	1. Total exported products	4164	236942.41	4133	489736.55	4580	287037.54	4527	2047366.58	4732	3061083.08
	2. Products with RCA>1	513	196396.49	310	451254.70	1264	243879.62	1959	1737515.53	1978	2396376.70
	3. Percentage of products with RCA>1	12.32	82.89	7.5	92.14	27.6	84.96	43.27	84.87	41.8	78.29
	4. Products which lost competitiveness (RCA>1) compared to previous year (2011)	97	1.67	67	0.71	180	2.18	143	1.21	183	1.84
	5.Products which gained competitiveness (RCA>1) compared to previous year (2011)	70	1.57	67	13.42	210	3.19	182	3.49	167	10.19
2013	1. Total exported products	4132	237340.22	4404	514057.75	4561	331597.76	4536	2207279.09	4695	3290274.83
	2. Products with RCA>1	494	197780.88	333	464913.38	1339	285148.45	1955	1873414.93	1959	2615110.03
	3. Percentage of products with RCA>1	11.96	83.33	7.56	90.44	29.36	85.99	43.1	84.87	41.73	79.48
	4. Products which lost competitiveness (RCA>1) compared to previous year (2012)	73	0.75	47	0.16	154	0.87	131	0.74	187	1.29
	5.Products which gained competitiveness (RCA>1) compared to previous year (2012)	54	1.74	70	3.59	229	4.76	127	1.00	151	4.44

Note: This table is derived from Table E1 in Annexture E. In the value column, figures in item 4 indicates percentage share of products which lost competitiveness (RCA>1) compared to previous year and item 5 shows percentage share of products which gained competitiveness (RCA>1) compared to previous year in the total merchandise export of individual country.

(41.81 %) out of 5016 products. The value of merchandise exports with comparative advantage as percentage of the value of total merchandise export of BRIC varies between 75 to 80 per cent except for 4 years from 2008 to 2011. This suggests BRIC's merchandise export is heavily concentrated on a smaller number of products with export competitiveness. Percentage of products with RCA>1 is low but its percentage value in total value of merchandise export is very high, about 90 per cent, in Russia. In Brazil, the percentage of products with RCA>1 is about 12 to 18 per cent and percentage of value of these products in the total merchandise export is about 80 to 85 percent. In case of India, percentage of products with RCA>1 in total number of products exported is roughly 25 to 30 per cent and percentage value of these products in total merchandise export is about 85 to 90 percent. In case of China, percentage of products with RCA>1 is about 36 to 44 per cent but their percentage in the value of total merchandise export is between 82 to 85 percent. It shows that Russia has small number of products with RCA>1 in its total merchandise export but their value is relatively very high, more than 90 per cent in the total merchandise export of Russia. It implies that Russia's RCA revolves around a small number of high value products compared to other member countries of BRIC. Further, 940 products were able to sustain competitiveness from BRIC's basket of exports (Annexure E, Table E2). All these products were scattered among various chapters largely drawn from inorganic chemicals (C-28), organic chemicals (C-29), cotton (C-52), manmade staple fibres (C-55), articles of apparel and clothing knitted or crocheted (C-61), articles of apparel and clothing not knitted or crocheted (C-62) and electrical machinery and equipments (C-85). Out of 97 chapters 27 did not show competitiveness from the year 1997 to 2013 (Annexure D, Table D1). Even so, among these chapters some products showed comparative advantage throughout the period of the study (Table 5).

3.3 RCA of Member Countries of BRIC

The revealed comparative advantage in the exports of each member country of BRIC is analysed in this section.

3.3.1 RCA: Brazil

Brazil, with a Gross Domestic Product (GDP) of US$ 2,223 trillion in 2012, is the largest country in Latin America and the Caribbean in terms of area and population. It is the world's seventh richest economy by GDP [World Bank, 2014a]. Brazil has a strong domestic market which is less vulnerable to external shocks because of its stable economic growth and relatively low inflation rates. As far as trade is concerned, Brazil enjoyed a trade surplus from the year 2001 onwards. In 2009, the recession affected the volume of exports adversely. Brazil's merchandise export increased at a CAGR of 12.73 per cent per annum in terms of value during the period of 1997 to 2013.

Brazil enjoyed export competitiveness for 12 sections out of 21 in 1997 but the count came down to 10 in 2013 (Annexure C, Table C2). Prepared food stuffs, beverages, spirits vinegar (S-4) command the number one position in terms of comparative advantage for most of the years of the study. However, live animals and products (S-1) and vegetable products (S-2) took the position of prepared food stuffs, beverages, spirits vinegar (S-4) in the year 2008 and 2009 respectively. Prepared food stuffs, beverages, spirits, vinegar (S-4) regained its place in 2010 with the highest RCA index. Even after this, over the last three years vegetable products (S-2) dominated in terms of export competitiveness. A variety of vegetation types exist in Brazil due to the diversity in climate and soil, the large plain area of fertile soil in the Amazon basin and well developed infrastructure. Besides, the availability of substantial area of grasslands led to high competitiveness in livestock. There were 7 sections which

Table 5. Chapters with Disadvantage at Aggregate level (HS-02) but Sustained Advantage at Product Level (HS-06)* During 1997-2013: BRIC

Chapter	Description	Number of Products*	Product Code@ HS-06
(1)	(2)	(3)	(4)
08	Edible fruit and nuts; peel of citrus fruit or melons	04	080121, 080132, 080240, 080720, 081290
11	Products of the milling industry; malt; starches	01	110819
15	Animal or vegetable fats and oils and their cleavage products	04	150890, 151530, 152110, 152190
22	Beverages, spirits and vinegar	02	220190, 220710
29	Organic chemicals	55	290362, 290490, 290543, 290611, 290629, 290715, 290920, 291221, 291241, 291242, 291249, 291439, 291461, 291619, 291631, 291639, 291711, 291713, 291719, 291814, 291815, 291816, 291821, 291822, 291823, 292142, 292143, 292144, 292159,292221, 292229, 292242, 292243, 292511, 292620, 292700, 292990, 293212, 293213, 293293 293361, 293622, 293626, 293627, 293628, 293721, 293890, 293930, 293941, 293942, 294110, 294120, 294130, 294140, 294200
30	Pharmaceutical products	01	300590
32	Tanning or dyeing extracts; tannins and their derivatives;	09	320120, 320411, 320412, 320413, 320414, 320415, 320416, 320642, 321310
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	05	330112, 330124, 330125, 330190, 330741
34	Soap organic surface-active agents, washing preparations	01	340600
35	Albuminoidal substances; modified starches; glues; enzymes	01	350300
38	Miscellaneous chemical products	04	380210, 380610, 380690, 380810
39	Plastic and articles thereof	09	391890, 392321, 392410, 392490, 390461 392530, 392610, 392620, 392640
40	Rubber and Articles Thereof	11	400231, 400260, 401012, 401120, 401150, 401290, 401310, 401320, 401390, 401410, 401692
48	Paper and paperboard; articles of paper pulp	07	480210, 481730, 481940, 482010, 482020, 482050, 482090
49	Printed books, newspaper, pictures and other products of the printing industry	01	490300
87	Vehicles other than railway or tramway rolling - stock	09	870110, 870600, 871200, 871491, 871492, 871493, 871495, 871500, 871680
90	Optical, photographic, cinematographic, etc	12	900410, 900490, 900510, 900580, 900640, 900669, 901380, 901780, 901910, 902511, 902830

*Products with RCA>1 at HS-06 digit level for all the years of the study.
@ Please refer Annexure E, Table E2 for details. The nomenclatures of individual products are available from UN-COMTRADE classification registry.

successfully maintained their comparative advantage. However, the overall scenario suggests that after 2007 the number of sections in which Brazil experienced export competitiveness gradually diminished.

Brazil's chapter-wise computation indicates that in 2013, export competitive chapters came down to 29 from 35 chapters in 1997 (Annexure D, Table D2). Initially, coffee, tea, mate and spices (C-9) and ores, slag, and ash (C-26) represented the highest comparative advantage but over time, sugar and sugar confectionery (C-17) and oilseeds and oleaginous (C-12) replaced them position. Brazil is the largest producer of coffee, sugarcane and oilseeds due to suitable climate, fertile soil and use of advanced technology, adequate infrastructure and skilled farmers. Tin and articles thereof (C-80) showed comparative advantage from 1997 onwards and retained it till 2002. However, afterwards it registered RCA for a few alternate years, successfully gained in 2012 but was unable to maintain in 2013. Nevertheless, there were 18 chapters which maintained their competitiveness throughout the period of the study (Annexure D, Table D2). The technological up-gradation is the cause behind Brazil's increasing competitiveness in the cement sector (C-68). In the production process of cement Brazil replaced the use of fossil fuels and natural raw materials with the alternative materials which is based on thermal and electrical energy savings. There have been collaborative efforts of the Brazilian government and the national cement industry association to upgrade technology in production. National cement industry association acts as an advisory body to the government in solving technical problems related to cement industry [CNI, 2012]. Similarly, iron and steel companies are becoming globally competitive due to the fact that Brazilian producers own and operate iron ore mines. This vertical integration enabled them to become globally competitive. This reduces their cost of production. Moreover, they have access to high quality of iron-ore deposits in the world. [Thomas White, 2010]. Table 6 lists chapters in which Brazil gained advantage or lost competitiveness during period of 1997 to 2013. Brazil gained advantage for aircraft (C-88) due to the government policy of privatisation, efficiency gains through economies of scale and research and development, there by leading to a fall in sunk cost in its domestic production.

At the disaggregated level, out of 4251 products only 739 products (17.38 %) enjoyed competitiveness in 1997 which fell to 494 products (11.36 %) out of 4132 products in 2013 (Table 4). In the year 2000, the maximum number of products 788 out of 4374 products (18.02 %) enjoyed advantage. The value of merchandise export with comparative advantage in the value of total merchandise export of Brazil has always been more than 80 per cent with an exception of 4 years (Table 4). Compared to 2005, in 2006, there has been increase in number and share of products with RCA>1 in total number of products exported by Brazil but their share in value of total merchandise export of Brazil decreased to 78.76 per cent (Table 4). This fall is attributed to decrease in the share of products which maintained competitiveness throughout the time span of this study. The share in the total merchandise export of Brazil reduced to 50.06 per cent in 2006 from 51.55 per cent in 2005 (Annexture E, Table E1). There were 217 products which maintained competitiveness throughout the period from 1997 to 2013 (Annexture E, Table E3). The products which sustained their advantage in all the years during the period from 1997 to 2013 were dispersed among various chapters but were largely drawn from meat and edible meat offal (C-2), inorganic chemicals (C-28), iron and steel (C-72), nuclear reactors, boilers, machinery and mechanical appliances (C-84) and electrical machinery and equipments (C-85). The government policy has been of privatisation of iron and

steel, cell phone companies, establishment of a special regime such as INOVAR-AUTO tax incentive

Table 6. Brazil's Inter-temporal Movement of RCA of Exports at Chapter Level During 1997 to 2013

Number of Chapters that have sustained their advantage during 1997 to 2013: 18

C-02, C-05, C-09, C-12, C-15, C-16, C-17, C-20, C-21, C-23, C-24, C-26, C-28, C-41, C-44, C-47, C-68, C-72

Number of Chapters that have gained Advantage during 1997 to 2013: 07

Chapter	Description
01	Live Animals
10	Cereals
22	Beverages, spirits and vinegar
25	Salt, sulphur, earths and stones etc.
52	Cotton
83	Miscellaneous articles of base metal
88	Aircraft, space craft and parts thereof

Number of chapters that have lost advantage during 1997 to 2013: 14

Chapte r	Description
08	Edible fruits and nuts etc
13	Lac, gums, resins and other vegetable saps etc.
18	Cocoa and cocoa preparations
36	Explosives; pyrotechnic products; matches; pyrotechnic alloys; certain combustible preparations
37	Photographic or cinematographic goods
40	Rubber and articles thereof
50	Silk
53	Other vegetable textile fibres; paper yarn and woven fabrics of paper yarn
56	Wadding, felt and nonwovens, etc
63	Other made up textile articles etc.
64	Footwear, gaiters and the like; parts of such articles
69	Ceramic products
76	Aluminium and articles thereof
93	Arms and ammunition; parts and accessories thereof

Note: Please refer Annexure A, Table A2 and Annexure D, Table D2 for details.

regime to stimulate investment and thereby competitiveness of the automobile sector. INOVAR-AUTO tax incentive regime proposes 30 per cent reduction in the excise tax of automobiles produced and sold in Brazil to encourage investment in innovation and research. The support of the Brazilian Development Bank (BNDES) for the production of telecom equipments has been reflected at the disaggregated level of RCA analysis (Bonelli and Pinheiro, 2008). Interestingly, this study finds that some chapters where Brazil is disadvantageously positioned at the aggregate level show competitiveness at the product level. Out of 97 chapters, 47 chapters featured in this manner. Among these chapters some products showed competitiveness throughout the study period. List of chapters in which some products sustained their competitiveness during the entire period of 1997 to 2013 is given in Table 7.

3.3.2 RCA: Russia

Russia is an upper middle income country. It

has a market economy with enormous natural resources, particularly oil and natural gas. It is the eighth largest economy in the world by nominal GDP and 6th largest in GDP in terms of PPP. Russia's economy grew 3.4 per cent in 2012 which is lower than 4.3 per cent of the previous year. The weak performance of investment is a cause behind this decline in growth [World Bank, 2013]. On the trade front, Russia recorded trade surplus for all the accounted years. Even so,

Table 7. Chapters with Disadvantage at Aggregate Level (HS-02) but Sustained Advantage at Product Level (HS-06)* During 1997-2013: Brazil

Chapter	Description	Number of Products*	Product Code@ HS-06
(1)	(2)	(3)	(4)
03	Fish and crustaceans molluscs and other aquatic	01	030611
19	Preparations of cereals, flour, starch or milk; pastry cooks' products	02	190300, 190520
29	Organic chemicals	13	290124, 290220, 290532, 290543, 290919, 290944, 291531, 291811, 291814, 291821, 292241, 292242, 292610
30	Pharmaceutical products	01	300610
31	Fertilisers	02	310520, 310560
32	Tanning or dyeing extracts; tannins and their derivatives;	02	320120, 321310
33	Essential oils and resinoids, perfumery etc.	05	330112, 330119, 330190, 330610, 330620
38	Miscellaneous chemical products	05	380130, 380510, 380610, 380820, 380993
39	Plastics and articles thereof	05	390110, 390120, 391220 391290, 391710
58	Special woven fabrics; tufted textile fabrics; lace; tapestries; trimmings; embroidery	01	580219
70	Glass and glassware	01	700231
71	Natural or cultured pearls, precious or semi-precious stones	03	710399, 710813, 711510
73	Articles of iron or steel	01	731300
74	Copper and articles thereof	01	741819
81	Other base metals; cermets; articles thereof.	01	811299
84	Nuclear reactors, boilers, machinery etc	23	840991, 840999, 841090, 841311, 841330, 841430, 841931, 842481, 842832, 842911, 842920, 843221, 843230, 843290, 843359, 843710, 843830, 844831, 845019, 845530, 846781 848310, 848330
85	Electrical machinery and equipments		850152, 850153, 850423, 853225, 854610
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus	01	901832
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings etc.	02	940210, 940350
96	Miscellaneous manufactured articles	02	960910, 960920

* Products with RCA>1 at HS-06 digit level for all the years of the study.
@ Please refer Annexure E, Table E3 for details. The nomenclatures of individual products are available from UN-COMTRADE classification registry.

Russia's export in terms of value grew at a slower rate (15.56%) than its imports; its imports increased at a CAGR of 17.74 per cent whereas exports increased by 15.56 per cent per annum during the period of the study. In 2009, due to downturn in the world economy the volume of both exports and imports declined.

Russia's section-wise scenario indicated mineral products (S-5) displayed the highest export competitiveness in 1997 and was followed by base metals (S-15) and wood and articles thereof (S-9) (Annexure C, Table C3). Precious and semi precious stones (S-14) and arms and ammunitions (S-19) briefly emerged with the RCA greater than one, the former for the year 1998 and the latter for the years 1999 and 2000. Even so, both sections lost their advantage immediately in the succeeding year or two. Three sections namely, mineral products (S-5), wood and articles thereof (S-9) and base metals (S-15) maintained competitiveness in the global market. Russia's export competitiveness mirrored its abundant supply of natural resources, including timber, precious metals, and particularly fossil fuels.

At the chapter level, we observe that from 1997 to 2013 the number of chapters which were advantageous from the Russian basket of exportables declined to 10 from 18 chapters (Annexure D, Table D3). The top three chapters nickel and articles thereof (C-75), mineral fuels, mineral oils and products of their distillation (C-27) and fertilisers (C-31) reshuffled their position. Russia gained export competitiveness in fertiliser due to its efficiency and fully secured feedstock supply and, thus, the fertiliser industry is Russia's most export-oriented industry [Enikeeva, 2011]. Nickel and articles thereof (C-75) enjoyed highest competitiveness among all chapters for most of the years. Although initially explosives, pyrotechnic products, matches, pyrotechnic alloys, certain combustible preparations (C-36) and copper and articles thereof (C-74) enjoyed revealed comparative advantage, they lost competitiveness in the intermediate period following; however, regained it in 2012 but was unable to sustain in 2013. The overall picture of RCA has been showing a decreasing trend which indicates that Russia's predominance as leading producer of nickel is falling. It was 14.97 in 1997 but was reduced to 4.42 in 2013. Russia's chapter-wise performance in terms of RCA has been considerably poor; as of now only 8 chapters managed to retain their export competitiveness out of 97. Thus, it can be inferred that Russia's exports are highly concentrated in a few products. One of those is inorganic chemicals (C-28). The Russian government grants extraordinary support in the form of subsidies to the National Chemical Industry which includes concessions in tariff for gas, electricity and railway transportation [Gerden, 2012]. However, it would be interesting to see the aftermath of Russia's accession and membership in WTO. Russian Federation accessed to WTO on 16th June 1993 and became 156th member of WTO on 22nd August 2012. On account of its joining the WTO Russia has to withdraw all types of subsidies given to the chemical sector. Russia's chapter-wise performance of RCA is shown in Table 8.

Table 8. Russia's Inter-temporal Movement of RCA of Export at Chapter Level During 1997 to 2013

Number of Chapters that have Sustained their advantage during 1997 to 2013: 08 C-27, C-28, C-31, C-44, C-72, C-75, C-76, C-81	
Number of Chapters that have gained Advantage during 1997 to 2013: 01	
Chapter	Description
10	Cereals
Number of chapters that have lost advantage during 1997 to 2013: 07	
Chapter	Description
26	Ores, slag and ash
41	Raw hides and skins (other than fur skins) and leather
47	Pulp of wood or of other fibrous cellulosic material
49	Printed books, newspaper, pictures and other products of printing
79	Zinc and articles thereof
80	Tin and articles thereof
86	Railway and tramway locomotives rolling stocks etc.

Note: Please refer Annexure A, Table A2 and Annexure D, Table D3 for details.

At a product level, we noticed that out of 4488 products Russia had advantage only in 535 products (11.92 %) in 1997 (Table 4). This count decreased to only 333 products out of 4404 products (7.56 %) in 2013. In the year 1999, maximum number of products with RCA greater than 1, thus, advantageously positioned in the world market, stepped up to 564 (12.74 %) out of 4426 products. The value of merchandise exports with comparative advantage in the total merchandise export of Russia has been significantly high. It has always been more than 90 per cent for all the years of study and apparently, higher than that of all other member countries of BRIC (Table 4). There were only 126 products which maintained their export competitiveness throughout the time period of the study (Annexture E, Table E4). Hence, over the period of time, percentage share of number of products with RCA>1 in total number of products exported by Russia is showing a decreasing trend, especially after 2006. However, their share in the total value of merchandise export of Russia is remaining more or less same (Table 4). This signifies Russia's heavy concentration of RCA for a limited number of products. All of these products were spread in various chapters. However, the dominant chapters were iron and steel (C-72), inorganic chemicals (C-28), organic chemicals (C-29) and fertilisers (C-31). High investment in iron and steel greatly increased its product quality. However, there is still scope for improvement and expansion in the production of iron and steel. Out of 97 chapters 68 did not gain competitive advantage at 2 digits. However, among these chapters some of the products experienced RCA greater than one for all the accounted years (Table 9).

3.3.3 RCA: India

India is the second largest country in terms of population and the largest democracy in the world. In the last decade, India's integration into the global economy has increased and it has been accompanied by rapid economic growth. India has become a global player. According to the World Bank [2014b], it is the fourth largest

economy in the world, by Purchasing Power Parity GDP. However, India experiences persistent deficits in its merchandise trade balance. India's continuous deficit in merchandise trade has increased at a CAGR of 29 per cent per annum. India is the only country in the group which incurred a continuous trade deficit in merchandise trade.

Table 9. Chapters with Disadvantage at Aggregate Level (HS-02) but Sustained Advantage at Product Level (HS-06)* During 1997-2013: Russia

Chapter	Description	Number of Products*	Product Code@ HS-06
(1)	(2)	(3)	(4)
11	Products of the milling industry; malt; starches	01	110319
16	Preparation of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	01	160430
22	Beverages, spirits and vinegar	01	220860
29	Organic chemicals	09	290110, 290312, 290322 290511, 290513, 290514 290723, 291211, 293371
38	Miscellaneous chemical products	01	380400
39	Plastics and articles thereof	01	390461
40	Rubber and articles thereof	04	400219, 400220, 400231 400260
43	Fur skins and artificial fur, manufactures thereof	01	430180
48	Paper and paperboard; articles of paper pulp, of paper or of paperboard	03	480100, 480240 480421
68	Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware	03	681260, 681270 681410
73	Articles of iron and steel	03	730210, 730240, 732611
84	Nuclear reactors, boilers, machinery etc.	02	840130, 841210
85	Electrical machinery and equipments	03	850740, 852610, 854081
90	Surgical instruments and apparatus; parts and accessories thereof	01	900580

* Products with RCA>1 at HS-06 digit level for all the years of the study.
@ Please refer Annexure E, Table E4 for details. The nomenclatures of individual products are available from UN-COMTRADE classification registry.

In 1997, out of 21 sections, India had comparative advantage in 8 sections. However, the number increased by one in the year 2013 (Annexure C, Table C4). Base metal (S-15) gained advantage in 2013. Even so, prepared food stuffs, beverages, spirits, and vinegar (S-4) has been replaced by mineral products (S-5). Works of arts, antiques and pieces (S-21) outperformed from 2003 onwards but could not maintain competitiveness after 2010. Overall, section-wise picture of competitiveness reveals that there were only 4 sections which exhibited comparative advantage in the world market for all the years of the analysis, namely, vegetable products (S-2), textile and products (S-11), footwear and umbrellas, etc. (S-12) and precious and semi precious stones, metals and natural and cultural pearls (S-14). Textiles have a fundamental strength to be export competitive due to its strong traditional base, availability of wide range of

fibres like cotton, jute, silk and wool, etc. and cheap supply of semi or unskilled labour [Devaraja, 2011]. Moreover, the leather industry in India is an engine of growth to the footwear industry. Liberalisation and government policies of attracting overseas investment and the establishment of Special Economic Zones (SEZs) are important reasons for the increase in export competitiveness of India in the world market [EXIM, 2012, 2010, 2007].

At the two digit (chapter) level the number of chapters for which India enjoyed comparative advantage in 1997 was 39 which reduced to 37 in 2013 (Annexure D, Table D4). There were 27 chapters which successfully maintained their export competitiveness throughout the period of the study. Lac, gums, resins and other vegetable saps, etc. (C-13) ranks highest in terms of comparative advantage. However, its first position was displaced by silk (C-50) from the period 2001 to 2008. In 2009, natural and cultured pearls (C-71) emerged with the highest RCA value. In 2010, cotton (C-52) surpassed all leading chapters and became more competitive in the world market from India's basket of exports. However, (C-13) regained its position in 2011 and managed to maintain it till date.

Table 10. India's Inter-temporal Movement of RCA of Export at Chapter Level During 1997 to 2013

Number of Chapters that have sustained their advantage during 1997 to 2013: 27 C-03, C-09, C-10, C-13, C-14, C-23, C-24, C-25, C-29, C-32, C-41, C-42, C-50, C-52, C-53, C-54, C-55, C-57, C-58, C-61, C-62, C-63, C-64, C-67, C-68, C-71, C-73	
Number of Chapters that have gained Advantage during 1997 to 2013: 06	
Chapter	Description
02	Meat and edible meat offal
17	Sugars and sugar confectionery
27	Mineral fuels mineral oils etc
79	Zinc and articles thereof
88	Aircraft, spacecraft and parts thereof
89	Ships, boats and floating structures
Number of Chapters that have lost Advantage during 1997 to 2013: 08	
Chapter	Description
05	Products of animal origins not specified
08	Edible fruits and nuts etc
12	Oil seeds and oleaginous fruits etc
21	Miscellaneous edible preparations
26	Ores, slag and ash
51	Wool, fine or coarse animal hair; horsehair yarn and woven fabric
80	Tin and articles thereof
82	Tools, implements, cutlery, spoon and forks etc.

Note: Please refer Annexure A, Table A2 and Annexure D, Table D4 for details.

India shows export competitiveness for gems and jewellery due to its low cost of production, highly skilled, low cost and efficient artisans for designing and crafting jewellery and strong government support in the form of subsidies [EXIM, 2010]. India also experienced increase in global competitiveness for chemicals because of EXIM Bank's support to chemical manufacturing and exporting units to modernise and upgrade their production facilities. Similarly, reduction in tariff barriers from developed countries, as per WTO regulations under Doha round [2001], could also be a cause of increase in India's export of chemicals [EXIM, 2007]. Articles of apparel and clothing accessories, knitted or crocheted (C-61) and articles of apparel and clothing accessories, not knitted or crocheted (C-62) and other made up textile articles (C-63) maintained export competitiveness but displayed a decreasing trend in the RCA index since all three failed

to keep pace with modernisation and up-gradation. Similarly, the consistent fall in the competitiveness of coffee, tea, mate and spices (C-9) could be because of a change in consumer preferences and tough competition from the new players in the international market such as Kenya and Sri-Lanka. In addition to this, the age of the tree adversely affects quality and yield [Burange and Chaddha, 2008]. Table 10 lists chapters which gained or lost their RCA over the period of study.

Table 11. Chapters with Disadvantage at Aggregate Level (HS-02) but Sustained Advantage at Product Level (HS-06)*During 1997-2013: India

Chapter	Description	Number of Products*	Product Code@ HS-06
(1)	(2)	(3)	(4)
04	Dairy produce; bird's eggs; natural honey; edible products of animal origin	02	040811, 040891
06	Live trees and other plants; bulbs, roots and the like	02	060390, 060499
20	Preparations of vegetables, fruit, nuts or other parts of plants	02	200110, 200190
33	Essential oils and resinoids, perfumery etc	05	330124, 330125, 330129 330190. 330741
37	Photographic or cinematographic goods	02	370610, 370690
39	Plastics and articles thereof	03	391890, 392069, 392329
48	Paper and paperboard; articles of paper pulp	03	480100, 480240, 480421
49	Printed books	01	490110
56	Wadding, felt and nonwovens; special yarns; twine, cordage, ropes and cables	05	560121, 560221, 560500 560749, 560790
60	Knitted or crocheted fabrics	01	600121
65	Headgear and parts thereof	02	650100, 650200
69	Ceramic products	02	690100, 690810
70	Glass and glassware	01	701810
76	Aluminium and articles thereof	02	760320, 761410
81	Other base metals; cermets; articles thereof	01	810199
84	Nuclear reactors, boilers, machinery etc.	10	841440, 843221, 843590 843790, 843830, 844820 844833, 845899, 846820 847920
85	Electrical machinery and equipments	06	850421, 850422, 853510 854620, 854690, 854790
87	Vehicles other than railway or tramway rolling - stock	06	870321, 870600, 871120 871492, 871493, 871495
91	Clocks and watches and parts thereof	02	910529, 911410
95	Furniture; bedding, mattresses, mattress supports	02	950662, 950669

* Products with RCA>1 at HS-06 digit level for all the years of the study.
@ Please refer Annexure E, Table E5 for details. The nomenclatures of individual products are available from UN-COMTRADE classification registry.

At a more elaborated level, according to the HS-06 digit classification, out of 4487 products India enjoyed RCA in 1158 products (25.81%) in 1997 which increased to 1339 (29.36 %) out of 4561 products in the year 2013 (Table 4). In the year 2008, the maximum number of 1469 products (30.43%) enjoyed comparative advantage. India's value of merchandise export with comparative advantage in total value of merchandise export ranges between 84 to 90 per cent during 1997 to 2013. In case of India, compared to 2000, in 2001, number of products with RCA>1 increased to 1384 from 1345 products but their share in the total value of merchandise export decreased to 86.81 per cent from 88.86 percent. This is due to fall in the share of products which retained comparative advantage throughout the period (Annexture E, Table E1). Their share in

country's merchandise exports dropped to 61.26 per cent in 2001 from 65.84 per cent in 2000. From the Indian side, 435 products sustained their competitiveness (Annexture E, Table E5). All of these are dispersed in various chapters out of which organic chemicals (C-29), cotton (C-52), articles of clothing, accessories not knitted or crocheted (C-62) contributed the lion's share. It is important to note that out of 97 chapters, 43 did not show advantage at the aggregate level. Nevertheless, among these chapters, some of the products registered comparative advantage for all the years of the study (Table 11).

3.3.4 RCA: China

China, the most heavily populated country in the world, experienced impressive economic growth for the last three decades. With reforms of 1978, China has shifted from a centrally planned to a more liberalised economy. China recently became the second largest economy and increasingly plays an important and dominant role in the global economy. China has the largest stock of foreign exchange reserves in the world. It has been experiencing a continuous trade surplus for all the years of the study. Due to the economic downturn, China's export as well as imports dropped and bounced back again in 2013. Over the years, China's merchandise export as well as imports grew at a CAGR of 9 per cent per annum. China witnessed 6 sections with export competitiveness in 1997. The number remained the same in 2013. These included leather fur skin and article thereof (S-8), textile and products (S-11), footwear and umbrellas etc. (S-12), raw hides and skins, articles of stones, cement, plaster ceramic products (S-13) and miscellaneous manufacturing articles (S-20). These five sections maintained their competitiveness in the world market for all the years during 1997 to 2013. Machinery and mechanical appliances (S-16) is a new enrant in the list from 2002 and thereafter has successfully retained its advantage (Annexure C, Table C5). The second position was always ruled by (S-8) but was overtaken by textile and products (S-11) in 2006. Optical musical, cinematographic, medical instruments (S-18) gained from 2005 and maintained it except in 2009, 2012 and 2013. Resources and their cost acted as an important determining factor in China's comparative advantage. China has export competitiveness in footwear, clothing, toys and other manufacturing products due to abundant labour.

Chapter-wise analysis of China's comparative advantage suggests that there were 45 Chapters in 1997 with RCA greater than 1, which number decreased to 39 in 2013 (Annexure D, Table D5). Furthermore, 31 chapters maintained their advantage over all the years of the study. Before 2000, manufactures of straw, etc. (C-46) gained the highest RCA. Later on, prepared feathers, etc. (C-67) secured the first rank in terms of RCA till 2003. Afterwards, umbrellas, sun umbrellas, walking-sticks, seat-sticks, whips, riding crops and parts thereof (C-66) exchanged the position with C-67. In the year 2008 C-46 was more predominant in terms of RCA than C-66. The technical assistance from the government for sustainable development, quality of infrastructure and local business dynamics such as urbanisation and migrations, etc. were the important factors that led to the increase in the production of consumer products such as umbrellas, sun umbrellas, walking-sticks, seat-sticks, whips, riding crops and parts thereof (C-66) [Deloitte, 2011]. Table 12 portrays chapters that gained or lost competitive advantage over the period of time.

Table 12. China's Inter-temporal Movement of RCA of Export at Chapter Level

Number of Chapters that have sustained their advantage during 1997 to 2013: 31	
C-05, C-16, C-36, C-42, C-43, C-46, C-50, C-51, C-52, C-53, C-55, C-58, C-60, C-61, C-62, C-63, C-64, C-65, C-66, C-67, C-68, C-69, C-73, C-81, C-82, C-83, C-86, C-92, C-94, C-95, C-96	
Number of Chapters that have gained Advantage during 1997 to 2013: 06	
Chapter	**Description**
54	Manmade filaments
56	Wadding, felt and nonwovens; special yarns; twine, cordage, ropes and cables
59	Impregnated, coated textile fabrics
70	Glass and glassware
84	Nuclear reactors, boilers, machinery etc
85	Electrical machinery and equipments
Number of Chapters that have lost Advantage during 1997 to 2013: 12	
Chapter	**Description**
01	Live animals; animal products
03	Fish and crustaceans, molluscs and other aquatic invertebrates
07	Edible vegetables and certain roots and tubers
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants;
14	Vegetable plaiting materials; vegetable products not elsewhere specified
20	Preparations of vegetables, fruit, nuts or other parts of plants
25	Salt, sulphur, earths and stones, etc.
28	Inorganic chemicals
78	Lead and articles thereof
79	Zinc and articles thereof
80	Tin and articles thereof
91	Clocks and watches and parts thereof

Note: Please refer Annexure A, Table A2 and Annexure D, Table D5 for details.

Detailed analysis of the RCA at product level shows that out of a total 4947 products, China acquired comparative advantage for 1814 products (36.67 %) in 1997 which stepped up to 1955 (43.10%) out of 4536 products in 2013 (Table 4). The percentage of the value of merchandise exports with comparative advantage in the total value of merchandise export of China altered within the range of 82 to 86 per cent from 1997 to 2013. Compared with 1999, in 2000, there has been increase in the share of number of products with RCA>1 in total number of exported products by China and conversely decrease in the share of these products in the value of total merchandise export of China. This is due to increase in the share of products with no competitiveness, in the value of total merchandise export. Their share in total merchandise export of China increased to 17.97 per cent in 2000 from 16.86 per cent in 1999. In addition to this, there has been fall in the share of products which retained comparative advantage throughout the period of study in the value of total merchandise export of China (Annexture E, Table E1). There were 957 products which maintained export competitiveness for all the reported years of the study (Annexture E, Table E6). Chapters that dominated these products involve inorganic chemicals (C-28), organic chemicals (C-29), cotton (C-52) manmade staple fibres (C-55), articles of apparel and clothing knitted or crocheted (C-61), articles of apparel and clothing not knitted or crocheted (C-62) and electrical machinery equipment (C-85). The study found that out of 97 chapters 37 chapters did not gain advantage at the aggregated level. Among these chapters some of the products showed their competitiveness at the disaggregated level during the period of 1997 to 2013 (Table 13).

Table 13. Chapters with Disadvantage at Aggregate Level (HS-02) but Sustained Advantage at Product Level (HS-06)* During 1997-2013: China

Chapter	Description	Number of Products*	Product Code@ HS-06
(1)	(2)	(3)	(4)
02	Meat and edible meat offal	01	020732
08	Edible fruit and nuts; peel of citrus fruit or melons	02	080240, 081290
11	Products of the milling industry; malt; starches	01	110819
15	Animal or vegetable fats and oils and their cleavage products	02	150890, 152190
19	Preparations of cereals, flour, starch or milk; pastry cooks' products	02	190220, 190230
21	Miscellaneous edible preparations	01	210310
29	Organic Chemicals	60	290490, 290543, 290549, 290611 290613, 290629, 290715, 290920 290930, 291221, 291241, 291242, 291249, 291429, 291439, 291461 291469, 291470, 291619, 291631 291639, 291711, 291713, 291719 291814, 291815, 291816, 291821 291822, 291823, 292010, 292142 292144, 292159, 292221, 292229 292243, 292511, 292620, 292700 292990,293212, 293213, 293293 293331, 293361, 293622, 293623 293626, 293627, 293628, 293721 293792, 293890, 293930, 294110 294120, 294130, 294140, 294190
30	Pharmaceutical products	02	300190, 300590
32	Tanning or dyeing extracts; tannins and their derivatives;	05	320411, 320413, 320415, 320642 321310
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	02	330129, 330741
34	Soap organic surface-active agents, washing preparations	01	340600
38	Miscellaneous chemical products	04	380210, 380610. 380690, 382430
39	Plastics and articles thereof	11	391890, 392321, 392329, 392340 392410, 392490, 392530, 392610 392620, 392640, 392690
40	Rubber and articles thereof	06	401150, 401320, 401390, 401691 401692, 401694
44	Wood and articles of wood	07	441400, 441820, 441900, 442010 442090, 442110, 442190
48	Paper and paperboard, etc.	06	481730, 481940, 482010, 482050 482090, 482390
49	Printed books, newspaper, pictures and other products of the printing industry	03	490300, 490900, 491000
71	Natural or cultured pearls, precious or semi-precious stones	03	710590, 711610, 711719
74	Copper and articles thereof	03	741021, 741532, 741820
76	Aluminium and articles thereof	04	761010, 761410, 761519, 761691
87	Vehicles other than railway and tramway rolling	10	870110, 871200, 871310, 871491 871492, 871493, 871494, 871495 871496, 871500, 871680

*Products with RCA>1 at HS-06 digit level for all the years of the study.
@ Please refer Annexure E, Table E6 for details. The nomenclatures of individual products are available from UN-COMTRADE classification registry.

4. COMPETITIVENESS OF BRIC AND MEMBERS: COMPARATIVE ANALYSIS

This section assesses RCA of BRIC and individual member on the basis of three different classifications of products, *viz*., (1) Trade Classification, (2) UNCTAD Classification, and (3) WTO Classification. The study elaborates on each country's export competitiveness in different categories of products according to type of classification.

4.1 RCA: Trade Classification

Trade classification provides information regarding changes in economic structure of the country. It basically classifies products on the basis of trade theories. According to the trade classification, all the products are categorised into four groups, viz., (1) Ricardo products, (2) Heckscher-Ohlin (HO) products, (3) Product Cycle (PC) products and (4) Other products (Annexure B, Table B1). These categories are based on corresponding nature and importance of specific production factors. BRIC lost its comparative advantage for the Ricardo products from 2006 onwards (Table 14). This could be due to a fall in contribution of Ricardo products from the BRIC basket of exportables. Over the years,

Table 14. RCA for Ricardo Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	2.11	3.54	1.70	0.56	1.56
	(34.22)	(57.44)	(27.55)	(9.14)	(25.3)
1998	2.33	3.89	1.98	0.52	1.60
	(35.10)	(58.63)	(29.93)	(7.88)	(24.12)
1999	2.36	3.63	1.91	0.44	1.45
	(37.31)	(57.40)	(30.23)	(6.95)	(22.90)
2000	1.82	3.46	1.58	0.42	1.34
	(31.00)	(58.93)	(26.96)	(7.12)	(22.81)
2001	1.95	3.71	1.50	0.40	1.34
	(32.76)	(62.34)	(25.21)	(6.77)	(22.51)
2002	2.10	3.69	1.69	0.37	1.28
	(34.65)	(60.92)	(27.97)	(6.13)	(21.16)
2003	2.04	3.64	2.12	0.34	1.19
	(34.69)	(61.91)	(36.01)	(5.76)	(20.23)
2004	1.99	3.56	1.44	0.31	1.15
	(34.12)	(61.02)	(24.75)	(5.35)	(19.65)
2005	1.91	3.31	1.38	0.26	1.08
	(36.09)	(62.52)	(26.07)	(4.97)	(20.37)
2006	1.96	2.88	1.16	0.24	0.90
	(39.38)	(57.96)	(23.3)	(4.85)	(18.11)
2007	2.10	3.22	1.22	0.22	0.99
	(41.71)	(63.95)	(24.30)	(4.40)	(19.59)
2008	1.94	2.77	1.01	0.19	0.90
	(43.33)	(61.89)	(22.66)	(4.20)	(20.18)
2009	2.27	3.09	1.12	0.17	0.88
	(46.19)	(62.74)	(22.72)	(3.5)	(17.87)
2010	2.47	2.90	1.18	0.16	0.87
	(53.06)	(62.18)	(25.24)	(3.51)	(18.56)
2011	2.36	2.51	1.00	0.16	0.77
	(54.55)	(58.03)	(23.13)	(3.67)	(17.77)
2012	2.73	3.25	1.08	0.17	0.95
	(51.42)	(61.16)	(20.21)	(3.2)	(17.80)
2013	2.46	3.08	1.13	0.16	0.95
	(48.23)	(60.34)	(22.15)	(3.14)	(17.24)

Note: Figures in parenthesis represent share of Ricardo Products in the total value of merchandise exports of individual country.

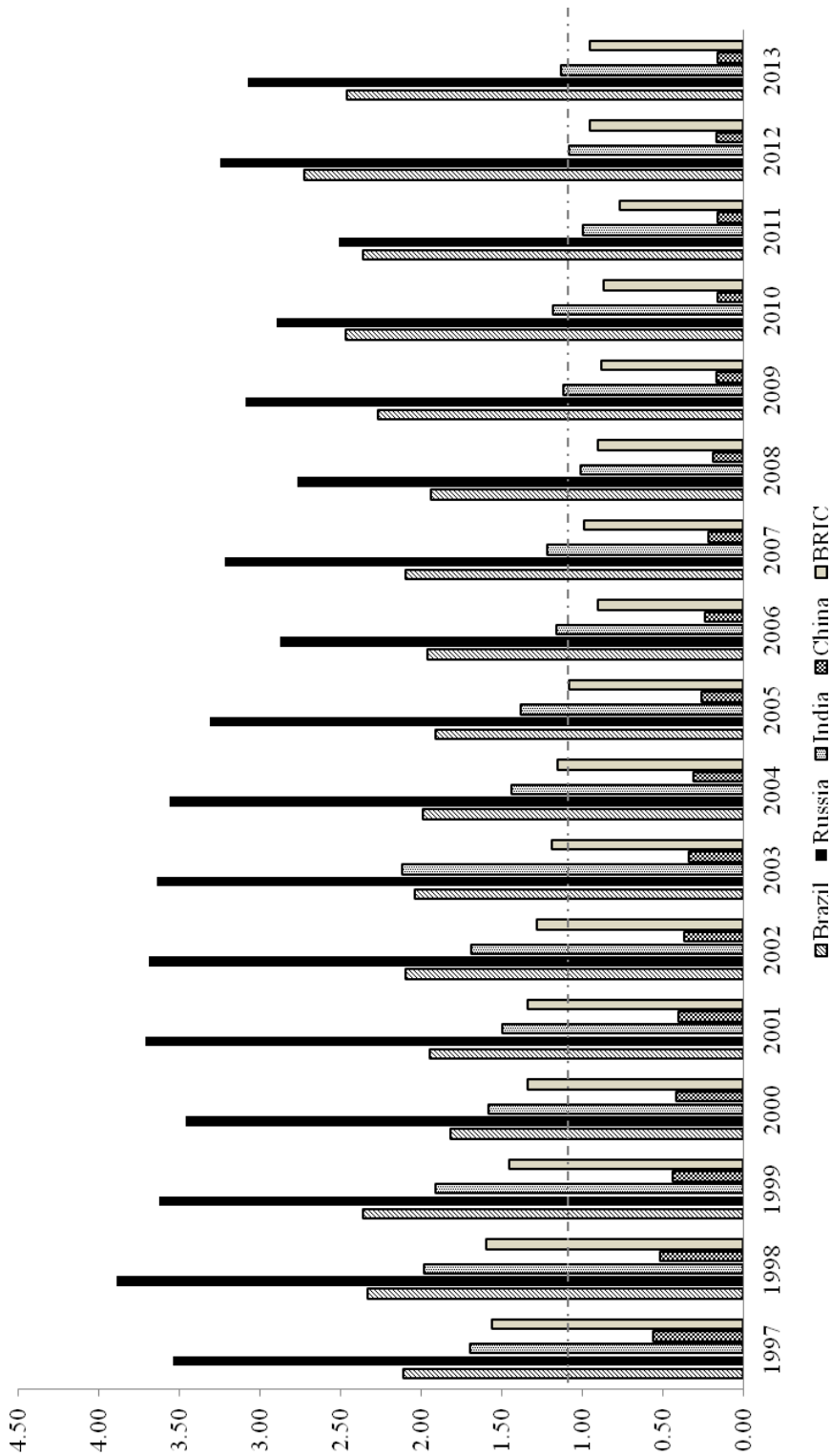


Figure 2: RCA for Ricardo Products

China overshadowed BRIC's basket of exports. Thus, the share of Ricardo products from total BRIC's export basket descended from 25.30 per cent in 1997 to 17.24 per cent in 2013. Among BRIC member countries, Russia enjoyed the highest export competitiveness in Ricardo products. Nearly 60 per cent of value of total merchandise export of Russia comprised Ricardo products. Figure 2 depicts Brazil and India also registered advantage in exporting Ricardo products.

Table 15. RCA for HO Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	0.87	0.44	1.23	1.60	1.20
	(33.12)	(16.61)	(46.73)	(60.84)	(45.60)
1998	0.86	0.43	1.22	1.53	1.18
	(33.63)	(16.69)	(47.86)	(60.03)	(46.33)
1999	0.79	0.42	1.24	1.54	1.20
	(30.28)	(16.15)	(47.41)	(59.24)	(46.06)
2000	0.90	0.39	1.30	1.61	1.24
	(32.45)	(14.11)	(46.78)	(58.29)	(44.75)
2001	0.82	0.35	1.24	1.56	1.20
	(30.37)	(12.88)	(45.70)	(57.65)	(44.44)
2002	0.79	0.33	1.18	1.51	1.19
	(29.54)	(12.39)	(44.20)	(56.69)	(44.56)
2003	0.82	0.33	1.63	1.46	1.18
	(30.40)	(12.13)	(60.92)	(54.57)	(43.85)
2004	0.84	0.38	1.19	1.46	1.19
	(30.94)	(14.07)	(44.19)	(54.06)	(43.87)
2005	0.88	0.33	1.15	1.52	1.21
	(31.48)	(11.86)	(41.17)	(54.25)	(43.12)
2006	0.84	0.36	1.12	1.56	1.26
	(29.27)	(12.48)	(39.27)	(54.71)	(44.29)
2007	0.77	0.31	1.04	1.54	1.22
	(26.89)	(10.72)	(36.70)	(54.05)	(42.77)
2008	0.76	0.31	1.06	1.60	1.24
	(25.25)	(10.22)	(35.24)	(53.54)	(41.28)
2009	0.60	0.30	1.20	1.57	1.26
	(20.37)	(10.03)	(40.59)	(53.18)	(42.70)
2010	0.58	0.26	1.07	1.59	1.25
	(19.27)	(8.62)	(35.17)	(52.27)	(41.31)
2011	0.56	0.26	1.09	1.65	1.30
	(18.04)	(8.48)	(35.30)	(53.25)	(42.03)
2012	0.52	0.23	1.07	1.59	1.24
	(17.78)	(7.79)	(36.47)	(54.13)	(42.25)
2013	0.59	0.25	0.96	1.59	1.33
	(20.18)	(8.38)	(32.86)	(54.07)	(42.35)

Note: Figures in parenthesis represent share of HO Products in the total value of merchandise exports of individual country.

The decrease in the RCA of BRIC for Ricardo products is due to China's dominance in total exports of BRIC and because China does not have RCA in Ricardo products. This may be because of the dominance of manufacturing sector in which primary products are processed and exported as the manufactured products. This seems to be a sign of a maturing economy where primary products are processed within the economy and exported as manufactured products. In fact, losing comparative advantage in this category with gain in other categories is what is expected in the course of development.

HO products essentially require standardised technology for their production and manufactured with constant return to scale with the use of capital and labour. A large proportion of the BRIC export basket consists of HO products. This fact has been reflected in BRIC's RCA in exports of these products (Table 15, Figure 3). The contribution of HO products in the BRIC's exports basket hovered around 42 to 45 percent. This suggests the developing nature of these economies. Due to labour endowment, India and China showed RCA in exports of HO products in which labour-intensive technology is used in the production of these products. China does not have RCA in Ricardo products whereas it has RCA in HO products; this is a sign of development. It is also observed that HO products constitute more than 50 per cent of the total value of merchandise export of China whereas in case of India it is more than 40 per cent of the total value of merchandise exports of India. However, it can be seen from Table 15 that, India's competitiveness in HO products has always been marginally lower than China's.

PC products are primarily labour saving and capital using products that are first produced and consumed in developed countries. It requires very high and capital-intensive technology. BRIC constitutes developing countries which lack in capital and advanced technology and therefore BRIC does not have RCA in PC products (Table 16). This is why, Figure 4 depicts that none of the members of BRIC has advantage exporting PC, except China from 2005. The increasing contribution of PC products in China's exports resulted in gaining export competitiveness in the PC products. China's RCA in PC products is due to technology transfers through FDI from industrially advanced countries.

Table 17 shows that after 2003 BRIC lost its export competitiveness for other products (Figure 5). However, Brazil, Russia and India exhibited increase in share of other products and their export competitiveness throughout the years of the study.

4.2 RCA: UNCTAD Classification

UNCTAD classifies products into mainly (1) primary and (2) manufactured products and then manufactured production is further classified into more sub-categories on the basis of degrees of skill, technology, capital and scale which is essentially an input based classification. Therefore, according to UNCTAD classification, manufactured products are classified into (1) Labour-intensive resource-based, (2) Low-technology skill-based, (3) Medium-technology skill-based and (4) High-technology skill-based manufactured products. The products which do not fall into any of these categories are separately

Table 16. RCA for PC Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	0.49	0.26	0.35	0.58	0.48
	(17.88)	(9.60)	(12.92)	(21.54)	(17.53)
1998	0.50	0.30	0.32	0.64	0.52
	(18.75)	(11.26)	(12.15)	(24.10)	(19.6)
1999	0.54	0.34	0.34	0.68	0.56
	(20.31)	(12.85)	(12.75)	(25.79)	(21.27)
2000	0.60	0.32	0.36	0.71	0.58
	(22.64)	(11.85)	(13.38)	(26.42)	(21.66)
2001	0.57	0.3	0.42	0.75	0.61
	(20.81)	(11.05)	(15.37)	(27.43)	(22.3)
2002	0.54	0.32	0.43	0.82	0.66
	(19.52)	(11.71)	(15.48)	(29.48)	(23.88)
2003	0.49	0.31	0.62	0.91	0.73
	(17.56)	(10.88)	(22.22)	(32.61)	(25.88)
2004	0.52	0.27	0.46	0.96	0.75
	(18.55)	(9.55)	(16.24)	(34.02)	(26.69)
2005	0.54	0.21	0.47	1.00	0.77
	(18.41)	(7.21)	(16.21)	(34.4)	(26.32)
2006	0.55	0.22	0.50	1.02	0.80
	(18.45)	(7.47)	(16.84)	(34.39)	(27.14)
2007	0.55	0.20	0.50	1.05	0.81
	(18.47)	(6.74)	(16.88)	(35.37)	(27.46)
2008	0.54	0.23	0.58	1.12	0.86
	(17.25)	(7.31)	(18.33)	(35.72)	(27.25)
2009	0.48	0.21	0.51	1.08	0.84
	(16.22)	(7.15)	(17.38)	(36.32)	(28.42)
2010	0.44	0.20	0.51	1.12	0.87
	(14.51)	(6.67)	(17.01)	(37.35)	(28.91)
2011	0.44	0.23	0.52	1.14	0.89
	(13.83)	(7.34)	(16.41)	(36.09)	(28.09)
2012	0.44	0.21	0.51	1.06	0.82
	(15.03)	(7.04)	(17.23)	(35.84)	(27.88)
2013	0.43	0.22	0.55	1.10	0.92
	(13.91)	(7.11)	(18.01)	(35.98)	(28.07)

Note: Figures in parenthesis represent share of PC Products in the total value of merchandise exports of individual country.

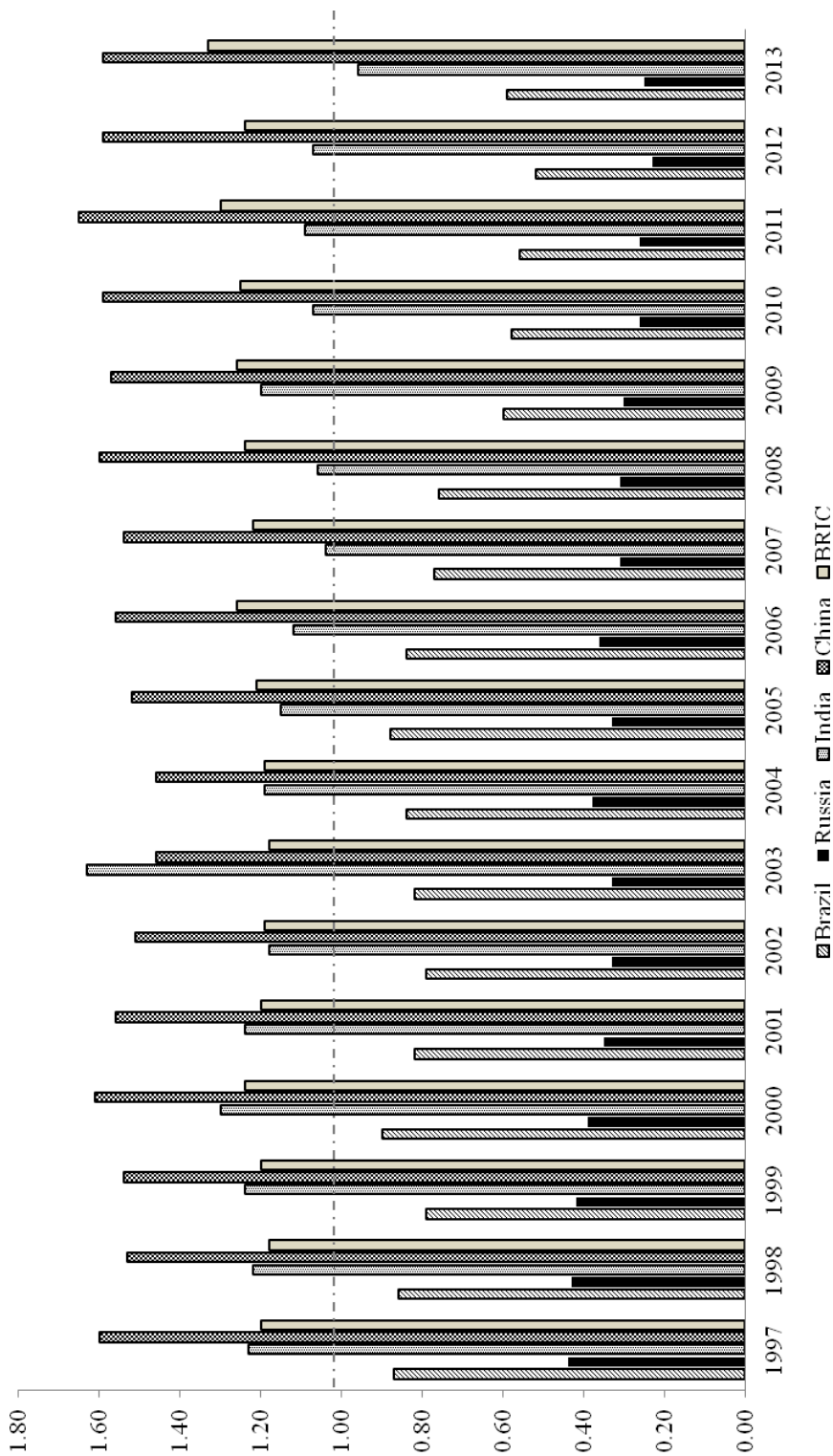


Figure 3: RCA for HO Products

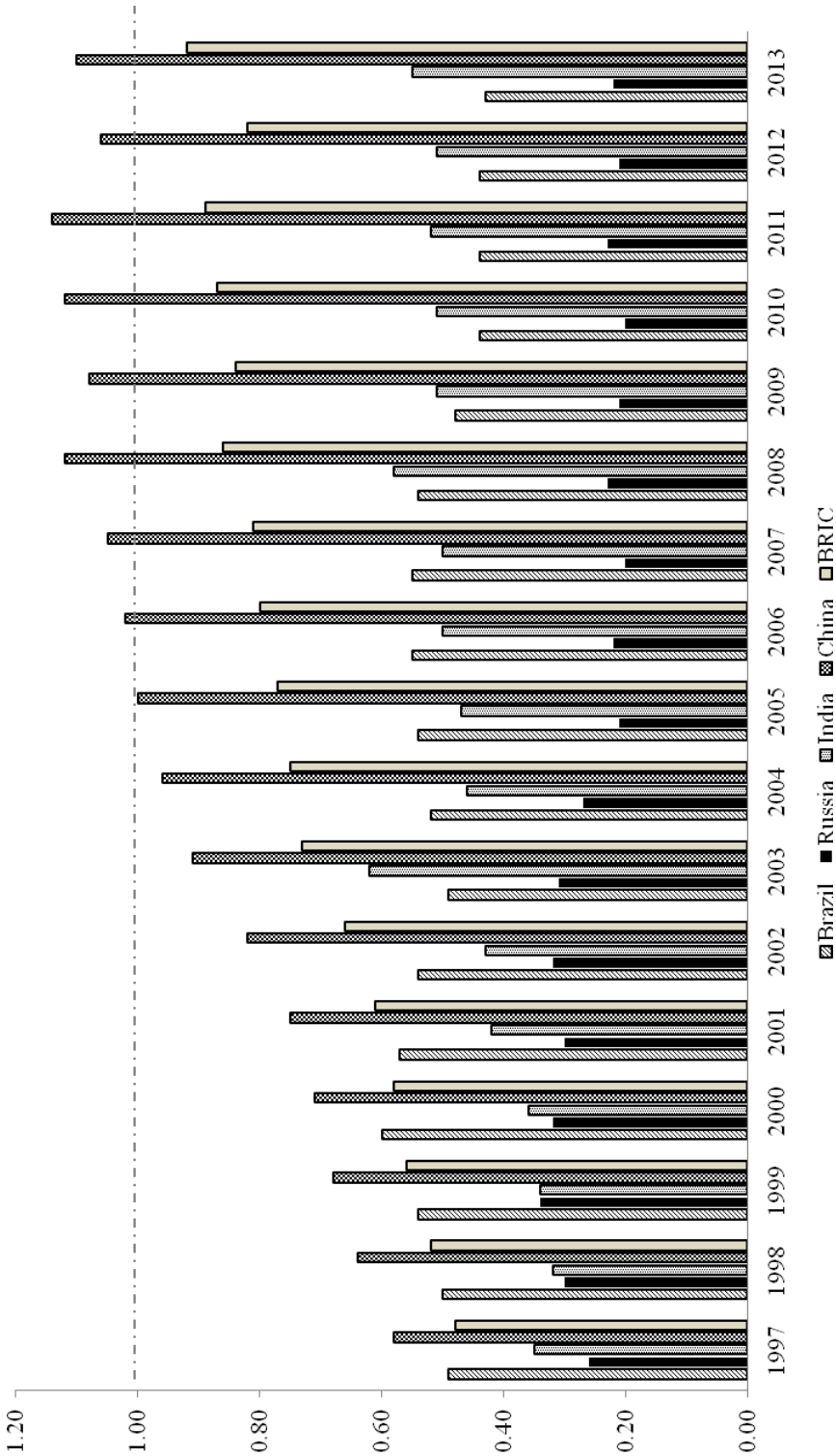


Figure 4: RCA for PC Products

Table 17. RCA for Other Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	1.68	1.86	1.45	0.96	1.31
	(14.77)	(16.33)	(12.78)	(8.46)	(11.56)
1998	1.50	1.61	1.20	0.96	1.19
	(12.50)	(13.39)	(10.05)	(7.97)	(9.93)
1999	1.48	1.67	1.18	0.98	1.20
	(12.09)	(13.57)	(9.59)	(7.99)	(9.76)
2000	1.48	1.61	1.37	0.87	1.15
	(13.90)	(15.09)	(12.86)	(8.15)	(10.76)
2001	1.67	1.43	1.43	0.85	1.12
	(16.04)	(13.71)	(13.70)	(8.13)	(10.73)
2002	1.66	1.53	1.26	0.78	1.06
	(16.27)	(14.95)	(12.33)	(7.69)	(10.38)
2003	1.73	1.50	1.81	0.70	1.00
	(17.33)	(15.05)	(18.08)	(7.04)	(10.02)
2004	1.59	1.49	1.43	0.64	0.95
	(16.37)	(15.34)	(14.80)	(6.55)	(9.77)
2005	1.28	1.68	1.51	0.58	0.93
	(14.00)	(18.39)	(16.53)	(6.36)	(10.17)
2006	1.16	1.99	1.85	0.54	0.94
	(12.88)	(22.07)	(20.57)	(6.04)	(10.45)
2007	1.14	1.65	1.96	0.55	0.90
	(12.90)	(18.56)	(22.10)	(6.17)	(10.16)
2008	1.14	1.66	1.92	0.53	0.91
	(14.15)	(20.55)	(23.75)	(6.52)	(11.26)
2009	1.42	1.65	1.59	0.57	0.90
	(17.21)	(20.07)	(19.29)	(6.98)	(10.98)
2010	1.07	1.83	1.83	0.56	0.91
	(13.14)	(22.51)	(22.57)	(6.84)	(11.19)
2011	1.04	2.00	1.93	0.54	0.93
	(13.56)	(26.13)	(25.15)	(6.97)	(12.09)
2012	1.17	1.79	1.94	0.51	0.90
	(15.74)	(23.99)	(26.07)	(6.81)	(12.05)
2013	1.30	1.78	1.99	0.50	0.98
	(17.66)	(24.15)	(26.96)	(6.79)	(12.32)

Note: Figures in parenthesis represent share of Other Products in the total value of merchandise exports of individual country.

grouped under (5) other manufactured products (Annexure B, Table B2). According to this classification, BRIC lost its comparative advantage in primary products especially from 2006 onwards (Table 18). This is due to a fall in the share of primary products in BRIC's export basket and China's increasing share in the manufactures which dominates total exports of BRIC. However, on account of the massive deposits of natural resources Russia exhibited export competitiveness in the primary products (Figure 6) which essentially involve mineral products. Its share in the value of total merchandise export of Russia increased from 72.64 per cent in 1997 to 84.08 per cent in 2013. Similarly, share of primary products displayed an increasing trend in the case of Brazil and India's merchandise export basket. Brazil and India both displayed advantage in exporting primary products.

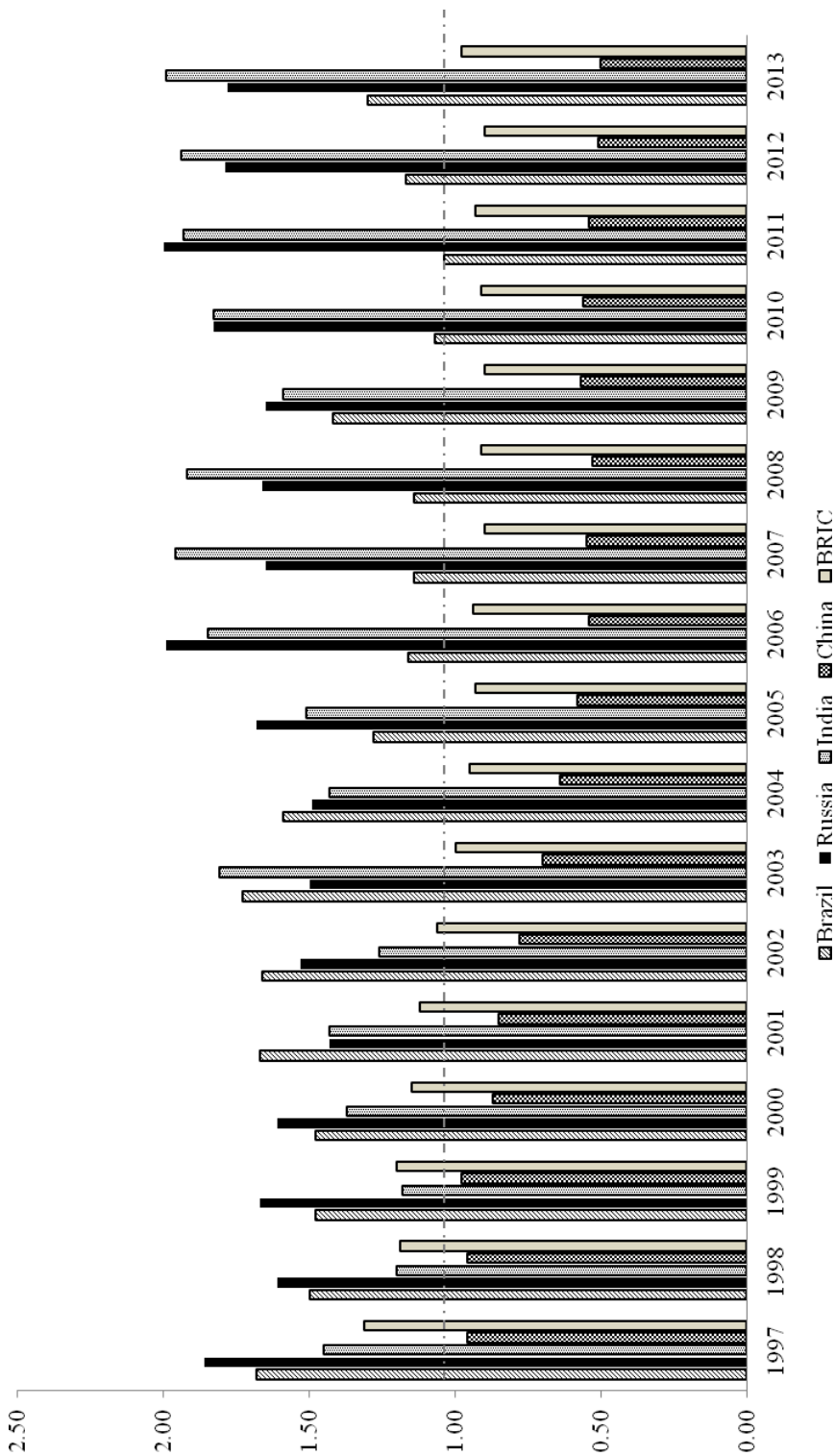


Figure 5: RCA for Other Products

Table 18. RCA for Primary Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	2.21	3.47	1.80	0.68	1.63
	(46.18)	(72.64)	(37.65)	(14.15)	(34.09)
1998	2.35	3.66	1.95	0.65	1.62
	(45.18)	(70.34)	(37.56)	(12.45)	(31.23)
1999	2.30	3.50	1.90	0.57	1.49
	(45.54)	(69.22)	(37.60)	(11.37)	(29.52)
2000	1.84	3.22	1.65	0.52	1.36
	(41.49)	(72.64)	(37.32)	(11.83)	(30.65)
2001	2.02	3.31	1.63	0.51	1.34
	(45.47)	(74.58)	(36.70)	(11.42)	(30.29
2002	2.10	3.32	1.71	0.46	1.27
	(47.08)	(74.60)	(38.43)	(10.21)	(28.48)
2003	2.08	3.27	1.62	0.41	1.18
	(48.18)	(75.86)	(37.58)	(9.44)	(27.36)
2004	1.97	3.18	1.60	0.36	1.12
	(46.69)	(75.46)	(37.92)	(8.65)	(26.65)
2005	1.78	3.04	1.56	0.31	1.06
	(46.91)	(80.13)	(40.98)	(8.10)	(27.9)
2006	1.77	2.84	1.52	0.27	0.93
	(49.37)	(79.26)	(42.41)	(7.55)	(25.83)
2007	1.87	2.94	1.61	0.25	0.96
	(52.05)	(81.90)	(44.98)	(6.88)	(26.88)
2008	1.74	2.58	1.43	0.22	0.90
	(55.18)	(82.04)	(45.24)	(6.99)	(28.68)
2009	2.09	2.82	1.39	0.22	0.88
	(61.13)	(82.23)	(40.67)	(6.41)	(25.72)
2010	2.09	2.74	1.52	0.21	0.87
	(64.22)	(84.15)	(46.60)	(6.47)	(26.78)
2011	1.99	2.51	1.42	0.20	0.81
	(66.44)	(83.69)	(47.24)	(6.72)	(26.92)
2012	2.23	2.89	1.54	0.21	0.92
	(65.37)	(84.75)	(45.15)	(6.14)	(26.96)
2013	2.12	2.78	1.59	0.22	0.88
	(64.13)	(84.08)	(48.12)	(6.53)	(26.67)

Note: Figures in parenthesis represent share of Primary Products in the total value of merchandise exports of individual country.

As far as labour-intensive-resource-based manufactured products are concerned, it can be seen from Table 19 that BRIC showed competitiveness for all the accounted years of the study, albeit with a falling trend. This is due to their descending share in BRIC's merchandise export basket. In 1997, it was 27.60 per cent which reduced to 18.20 per cent in 2013.

Due to cheap and abundant labour supply, both India and China registered revealed comparative advantage (RCA) in exporting labour-intensive resource-based manufactured products (Figure 7). China's competitiveness was invariably higher than that of India. China dominates in terms of its contribution in the BRIC's export basket of labour-intensive resource-based manufactured products. It accounted for almost 90 per cent of BRIC's export of such products. This results in decreasing contribution of India in labour resource-based manufactured products in which India has RCA. The contribution of

Figure 6: RCA for Primary Products

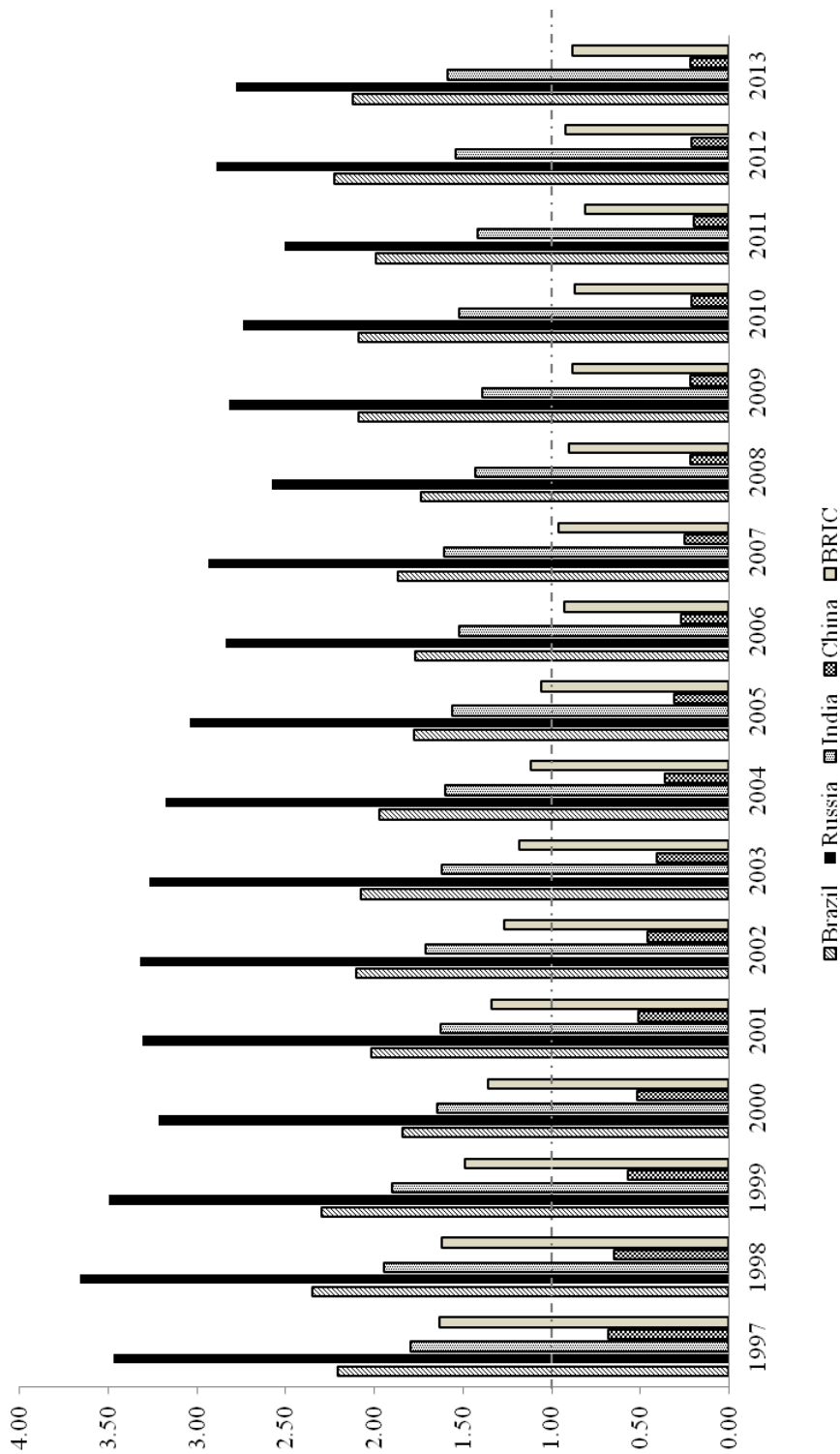


Table 19. RCA for Labour-Intensive Resource-Based Manufactured Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	0.94	0.22	2.59	3.17	2.13
	(12.21)	(2.85)	(33.6)	(41.03)	(27.60)
1998	0.88	0.25	2.68	3.03	2.13
	(11.41)	(3.17)	(34.55)	(39.19)	(27.45)
1999	0.97	0.26	2.68	2.99	2.18
	(12.26)	(3.35)	(33.93)	(37.98)	(27.63)
2000	1.03	0.22	2.80	2.99	2.15
	(12.22)	(2.60)	(33.40)	(35.64)	(25.61)
2001	0.97	0.22	2.60	2.83	2.07
	(11.83)	(2.63)	(31.60)	(34.38)	(25.14)
2002	0.93	0.20	2.40	2.70	2.03
	(11.42)	(2.41)	(29.34)	(33.07)	(24.81)
2003	0.95	0.19	2.23	2.54	1.94
	(11.41)	(2.24)	(26.90)	(30.64)	(23.41)
2004	0.96)	0.18	2.12	2.45	1.87
	(10.79)	(2.02)	(23.94)	(27.70)	(21.15)
2005	0.88	0.16	2.05	2.52	1.88
	(9.31)	(1.73)	(21.69)	(26.64)	(19.95)
2006	0.86	0.18	1.95	2.58	1.98
	(8.65)	(1.85)	(19.64)	(25.94)	(19.95)
2007	0.79	0.16	1.77	2.48	1.87
	(7.84)	(1.58)	(17.58)	(24.60)	(18.58)
2008	0.67	0.13	1.70	2.58	1.87
	(6.14)	(1.20)	(15.48)	(23.46)	(17.03)
2009	0.56	0.16	1.57	2.49	1.89
	(5.65)	(1.56)	(15.76)	(25.1)	(19.02)
2010	0.54	0.13	1.51	2.53	1.91
	(5.10)	(1.25)	(14.25)	(23.87)	(17.98)
2011	0.46	0.13	1.47	2.62	1.96
	(4.17)	(1.20)	(13.37)	(23.86)	(17.88)
2012	0.46	0.15	1.44	2.61	1.94
	(4.21)	(1.32)	(13.13)	(23.81)	(17.69)
2013	0.46	0.14	1.44	2.67	1.86
	(4.48)	(1.39)	(14.07)	(26.10)	(18.20)

Note: Figures in parenthesis represent share of Labour (Intensive Resource (Based Manufactured Products in the total value of merchandise exports of individual country.

labour-intensive resource-based manufactured products in total value of merchandise export of India has steadily declined, from 32.60 per cent in 1997 to 14.07 in 2013. However, Brazil and Russia do not have RCA in this category of products.

BRIC always depicted RCA in exporting low-technology skill-based products in the production of which less R&D is needed. Table 20 shows that Russia and Brazil lost their RCA in the export of low-technology and skill-based manufactured products in the year 2007 and 2009 respectively. Table 20 shows that despite the

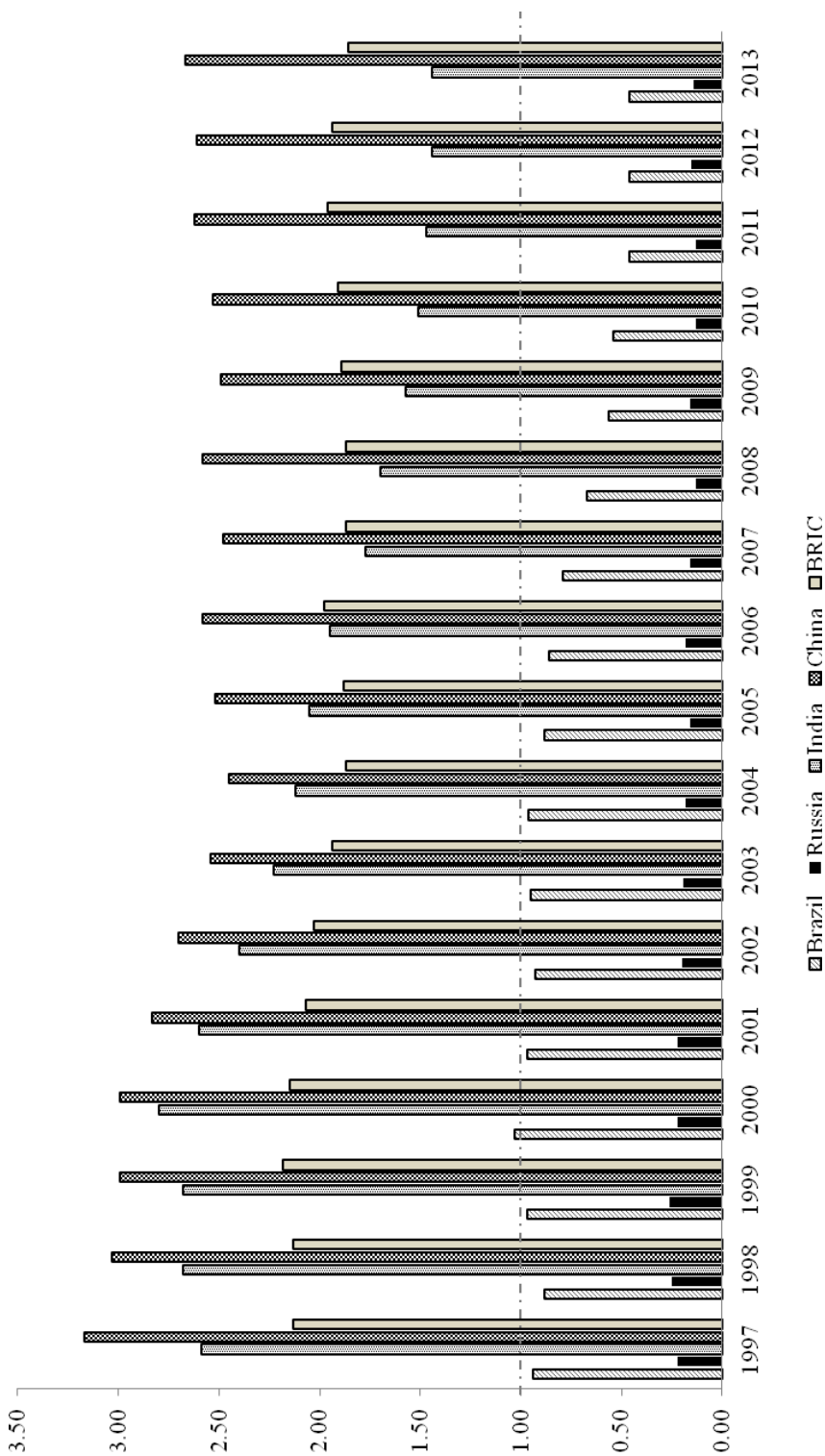


Figure 7: RCA for Labour-Intensive Resource-Based Manufactured Products

Table 20. RCA for Low-Technology Skill-Based Manufactured Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	1.40	1.59	0.95	1.27	1.32
	(9.61)	(10.91)	(6.51)	(8.73)	(9.12)
1998	1.30	1.61	0.83	1.23	1.27
	(9.33)	(11.57)	(5.94)	(8.81)	(9.15)
1999	1.28	1.76	1.01	1.28	1.34
	(8.31)	(11.45)	(6.61)	(8.31)	(8.71)
2000	1.35	1.62	1.11	1.44	1.44
	(8.38)	(10.09)	(6.91)	(8.96)	(8.93)
2001	1.12	1.33	1.04	1.31	1.26
	(7.19)	(8.49)	(6.65)	(8.34)	(8.07)
2002	1.23	1.29	1.1	1.22	1.22
	(7.97	(8.36)	(7.16)	(7.92)	(7.94)
2003	1.28	1.24	1.27	1.21	1.23
	(8.57)	(8.33)	(8.49)	(8.10)	(8.22)
2004	1.43	1.43	1.30	1.25	1.30
	(10.44)	(10.44)	(9.52)	(9.14)	(9.53)
2005	1.34	1.20	1.29	1.27	1.27
	(9.83)	(8.79)	(9.39)	(9.30)	(9.26)
2006	1.18	1.20	1.25	1.38	1.32
	(8.73)	(8.87)	(9.27)	(10.21)	(9.78)
2007	1.09	0.95	1.18	1.42	1.29
	(8.68)	(7.57)	(9.43)	(11.36)	(10.32)
2008	1.15	0.93	1.31	1.50	1.35
	(9.55)	(7.72)	(10.92)	(12.50)	(11.2)
2009	0.92	0.96	1.16	1.30	1.20
	(6.85)	(7.14)	(8.61)	(9.67)	(8.95)
2010	0.85	0.87	1.26	1.42	1.28
	(6.32)	(6.44)	(9.37)	(10.60)	(9.50)
2011	0.92	0.85	1.20	1.49	1.32
	(6.89)	(6.32)	(8.93)	(11.12)	(9.85)
2012	0.93	0.77	1.12	1.43	1.26
	(6.91)	(5.7)	(8.32)	(10.62)	(9.33)
2013	1.22	0.72	1.13	1.52	1.26
	(8.59)	(5.08)	(7.93)	(10.69)	(8.86)

Note: Figures in parenthesis represent share of Low (Technology Skill (Based Manufactured Products in the total value of merchandise exports of individual country.

contribution of low technology skill-based manufactured products hovering around 6 to 10 per cent of total merchandise exports basket of India, from 1999 onwards India gained RCA in the export of low-technology skill-based manufactured products. China, too recorded comparative advantage in the export of these products. However, Figure 9 confirms that BRIC and its member countries revealed complete disadvantage in exporting medium-technology skill-based manufactured products (Table 21).

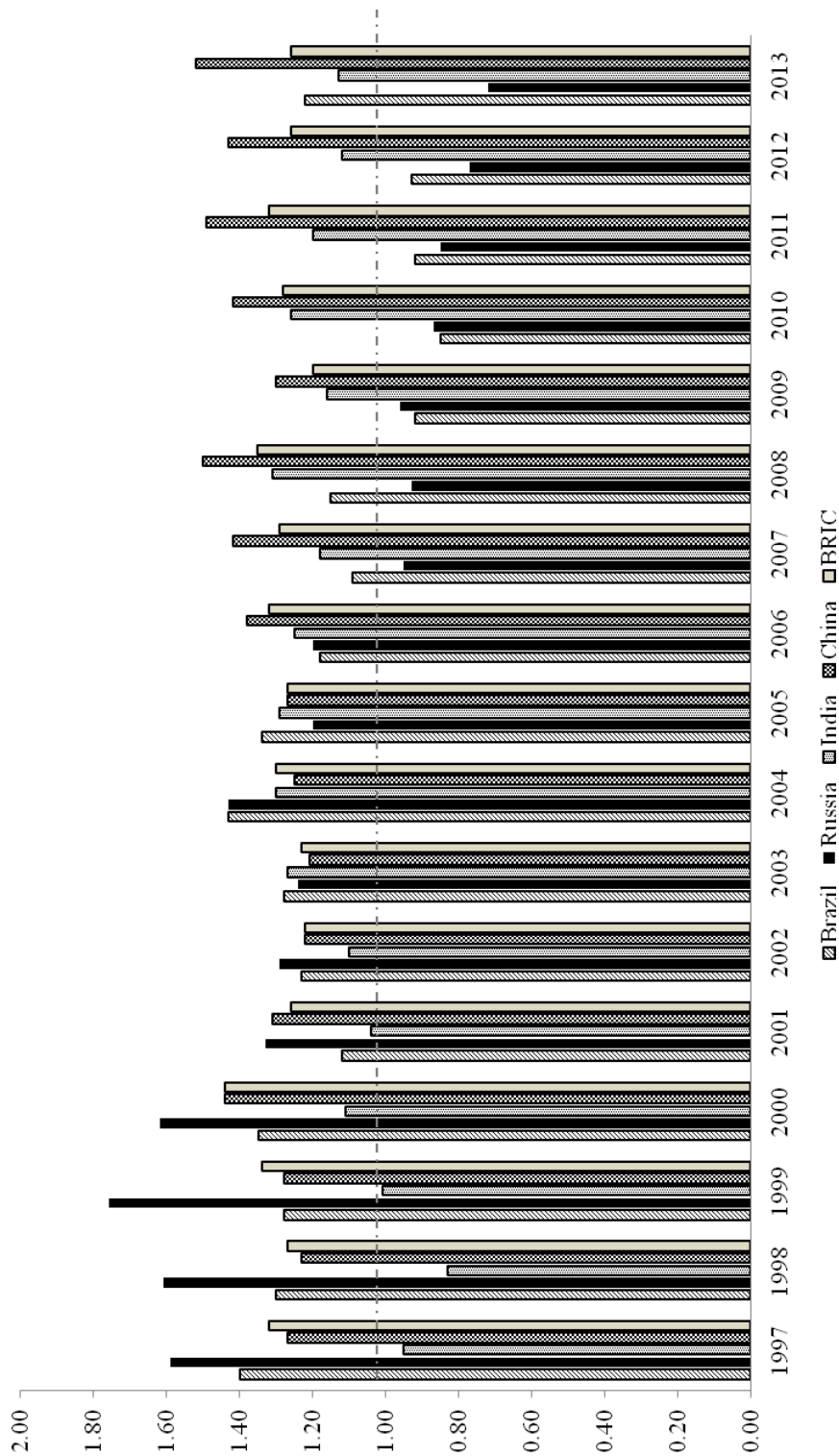


Figure 8: RCA for Low-Technology Skill-Based Manufactured Products

Table 21. RCA for Medium-Technology Skill-Based Manufactured Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	0.72	0.18	0.26	0.43	0.41
	(20.47)	(5.22)	(7.28)	(12.26)	(11.48)
1998	0.73	0.19	0.24	0.45	0.42
	(21.37)	(5.64)	(6.89)	(13.2)	(12.34)
1999	0.66	0.21	0.23	0.51	0.45
	(18.72)	(6.08)	(6.59)	(14.62)	(12.76)
2000	0.71	0.19	0.26	0.58	0.48
	(18.77)	(5.12)	(6.8)	(15.21)	(12.74)
2001	0.67	0.23	0.29	0.59	0.50
	(17.90)	(6.11)	(7.68)	(15.72)	(13.39)
2002	0.65	0.20	0.29	0.59	0.50
	(17.39)	(5.40)	(7.82)	(15.79)	(13.37)
2003	0.71	0.18	0.33	0.58	0.50
	(18.78)	(4.72)	(8.67)	(15.39)	(13.33)
2004	0.73	0.16	0.34	0.60	0.52
	(19.28)	(4.24)	(8.86)	(15.88)	(13.62)
2005	0.82	0.14	0.39	0.65	0.55
	(20.63)	(3.61)	(9.78)	(16.29)	(13.83)
2006	0.81	0.17	0.41	0.69	0.60
	(19.87)	(4.07)	(10.11)	(17.06)	(14.66)
2007	0.72	0.14	0.39	0.76	0.62
	(18.64)	(3.59)	(10.17)	(19.71)	(16.04)
2008	0.70	0.13	0.46	0.85	0.66
	(17.03)	(3.13)	(11.21)	(20.67)	(16.22)
2009	0.59	0.15	0.44	0.86	0.69
	(14.08)	(3.46)	(10.35)	(20.42)	(16.37)
2010	0.6	0.11	0.46	0.87	0.69
	(14.18)	(2.66)	(10.92)	(20.62)	(16.47)
2011	0.57	0.11	0.41	0.90	0.71
	(13.36)	(2.45)	(9.62)	(21.04)	(16.59)
2012	0.55	0.10	0.43	0.83	0.65
	(13.65)	(2.40)	(10.59)	(20.37)	(16.06)
2013	0.55	0.13	0.43	0.9	0.66
	(13.65)	(3.25)	(10.56)	(22.11)	(16.32)

Note: Figures in parenthesis represent share of Medium (Technology Skill (Based Manufactured Products in the total value of merchandise exports of individual country.

Likewise, Table 22 shows that none of the BRIC member countries gained comparative advantage in exports of high-technology skill-based manufactured products, except China (Figure 10). This is due to the transitional change in China. The share of high-technology skill-based manufactured products in China's basket of merchandise export increased significantly from 20.48 per cent in 1997 to 38.36 per cent in 2013. China has been experiencing this change due to FDI inflows. FDI inflows bifurcate Chinese manufacturing sector into low and high technology. Preferential foreign investment policies to encourage FDI helped China to bring investment with advanced technology, management skills and, hence, increase in productivity [Liu and Daly, 2011, Pp. 15-27].

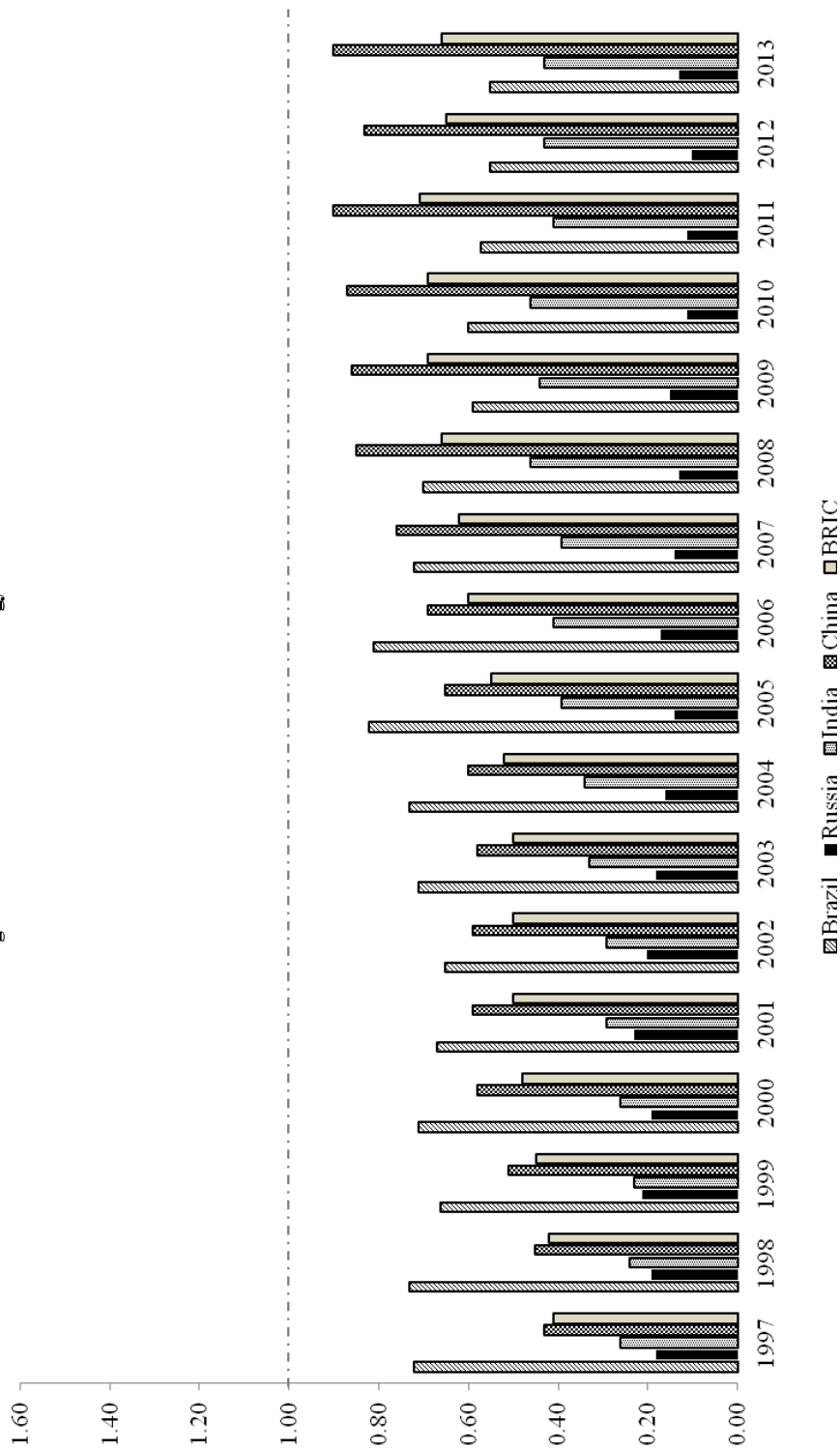


Figure 9: RCA for Medium-Technology Skill-Based Manufactured Products

Table 22. RCA High-Technology Skill-Based Manufactured Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	0.38	0.26	0.42	0.72	0.54
	(10.92)	(7.53)	(11.92)	(20.48)	(15.35)
1998	0.41	0.29	0.37	0.78	0.59
	(12.03)	(8.31)	(10.87)	(22.65)	(17.07)
1999	0.48	0.27	0.39	0.8	0.62
	(14.46)	(8.18)	(11.69)	(24.18)	(18.56)
2000	0.6	0.27	0.39	0.83	0.64
	(18.45)	(8.42)	(12.11)	(25.47)	(19.76)
2001	0.57	0.25	0.45	0.92	0.70
	(16.96)	(7.57)	(13.34)	(27.41)	(20.94)
2002	0.51	0.28	0.45	1.02	0.78
	(15.29)	(8.36)	(13.28)	(30.46)	(23.21)
2003	0.43	0.28	0.46	1.17	0.88
	(12.48)	(8.19)	(13.47)	(34.17)	(25.65)
2004	0.42	0.25	0.47	1.25	0.92
	(12.26)	(7.38)	(13.66)	(36.46)	(27.02)
2005	0.45	0.19	0.46	1.32	0.96
	(12.82)	(5.51)	(13.04)	(37.64)	(27.25)
2006	0.46	0.2	0.47	1.33	1.00
	(12.86)	(5.71)	(13.26)	(37.36)	(28.01)
2007	0.47	0.20	0.50	1.35	1.00
	(12.26)	(5.14)	(13.00)	(35.31)	(26.31)
2008	0.47	0.23	0.56	1.39	1.02
	(11.59)	(5.71)	(13.72)	(34.22)	(25.12)
2009	0.43	0.20	0.57	1.33	1.01
	(11.68)	(5.39)	(15.51)	(36.08)	(27.44)
2010	0.37	0.20	0.52	1.36	1.02
	(9.72)	(5.29)	(13.89)	(36.08)	(27.16)
2011	0.35	0.25	0.58	1.39	1.06
	(8.72)	(6.19)	(14.44)	(34.33)	(26.10)
2012	0.35	0.21	0.56	1.3	0.98
	(9.44)	(5.71)	(15.14)	(35.31)	(26.68)
2013	0.33	0.22	0.59	1.47	1.03
	(8.68)	(5.63)	(15.32)	(38.36)	(26.92)

Note: Figures in parenthesis represent share of High (Technology Skill (Based Manufactured Products in the total value of merchandise exports of individual country.

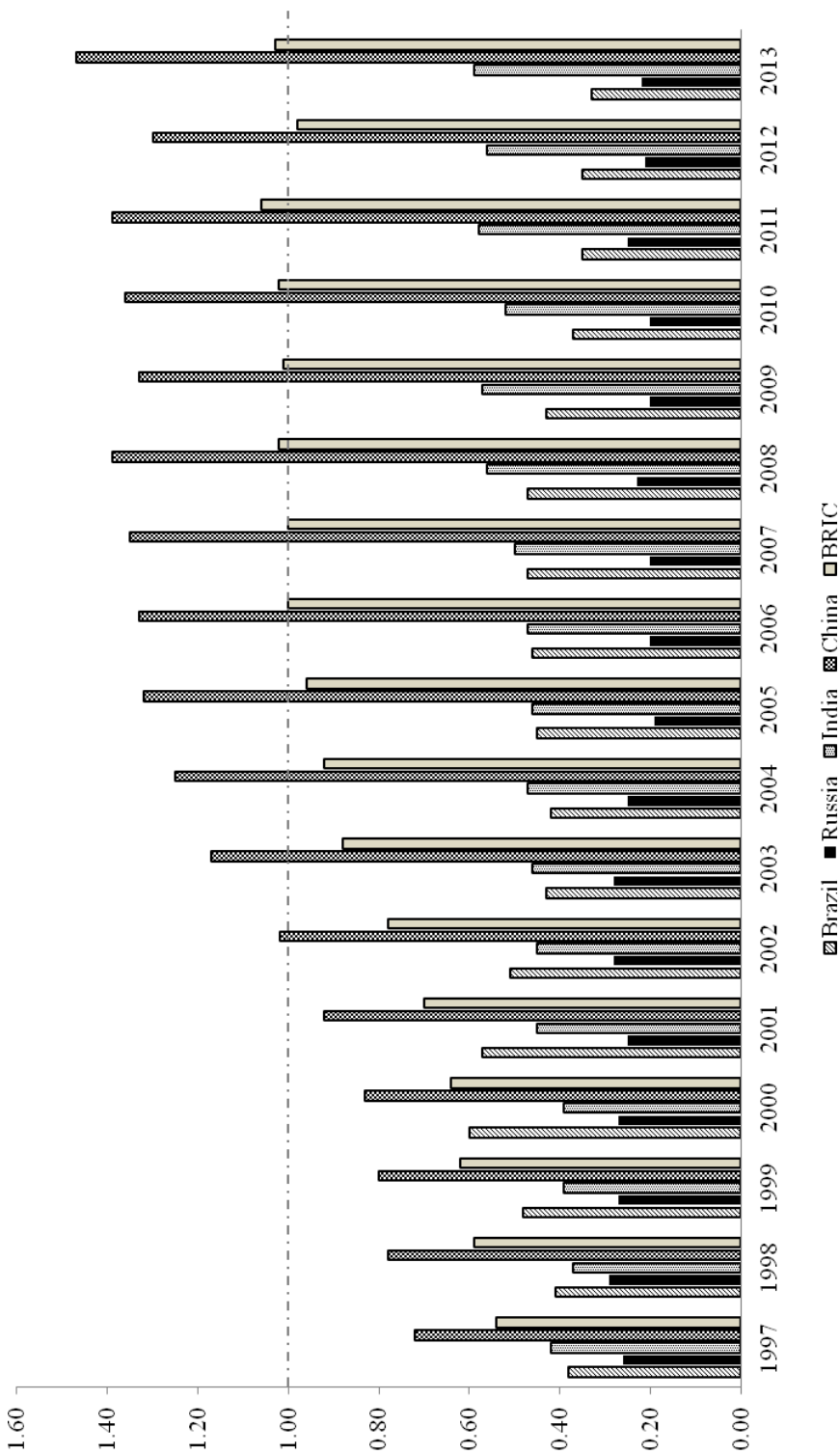


Figure 10: RCA High-Technology Skill-Based Manufactured Products

In the case of other products, BRIC showed RCA from 1998 to 2000, which however, was lost it afterwards. Later, on account of increase in India's competitiveness for these products, BRIC regained its RCA for other products (Table 23). India is the only member country which has RCA for all the years of the study. Despite the share of other products being less than 4 per cent in the export of China, it exhibited RCA in these products for many years except in the year 2005 and 2006 (Figure 11).

Table 23. RCA for Other Manufactured Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	0.25	0.35	1.27	1.40	0.98
	(0.59)	(0.82)	(3.02)	(3.33)	(2.33)
1998	0.27	0.39	1.71	1.51	1.12
	(0.65)	(0.94)	(4.16)	(3.67)	(2.72)
1999	0.29	0.71	1.49	1.47	1.17
	(0.68)	(1.68)	(3.55)	(3.51)	(2.79)
2000	0.31	0.51	1.61	1.34	1.06
	(0.66)	(1.09)	(3.45)	(2.86)	(2.27)
2001	0.28	0.26	1.81	1.22	0.98
	(0.62)	(0.58)	(3.99)	(2.69)	(2.14)
2002	0.37	0.39	1.78	1.14	0.98
	(0.81)	(0.85)	(3.95)	(2.52)	(2.16)
2003	0.25	0.29	2.22	1.02	0.91
	(0.55)	(0.62)	(4.86)	(2.22)	(1.99)
2004	0.24	0.21	2.88	1.02	0.95
	(0.51)	(0.43)	(6.07)	(2.15)	(1.99)
2005	0.23	0.10	2.49	0.98	0.87
	(0.47)	(0.21)	(5.09)	(2.01)	(1.78)
2006	0.25	0.11	2.71	0.95	0.90
	(0.49)	(0.21)	(5.27)	(1.85)	(1.74)
2007	0.25	0.10	2.45	1.08	0.94
	(0.49)	(0.18)	(4.8)	(2.11)	(1.85)
2008	0.26	0.10	1.86	1.16	0.94
	(0.48)	(0.17)	(3.41)	(2.13)	(1.71)
2009	0.26	0.09	4.03	1.02	1.10
	(0.58)	(0.20)	(9.06)	(2.29)	(2.47)
2010	0.22	0.10	2.43	1.15	1.03
	(0.43)	(0.19)	(4.93)	(2.33)	(2.09)
2011	0.20	0.06	3.18	1.44	1.31
	(0.39)	(0.12)	(6.38)	(2.88)	(2.63)
2012	0.18	0.05	3.41	1.67	1.46
	(0.41)	(0.10)	(7.64)	(3.73)	(3.26)
2013	0.20	0.24	1.83	1.84	1.38
	(0.43)	(0.52)	(3.98)	(3.99)	(2.99)

Note: Figures in parenthesis represent share of Other Manufactured Products in the total value of merchandise exports of individual country.

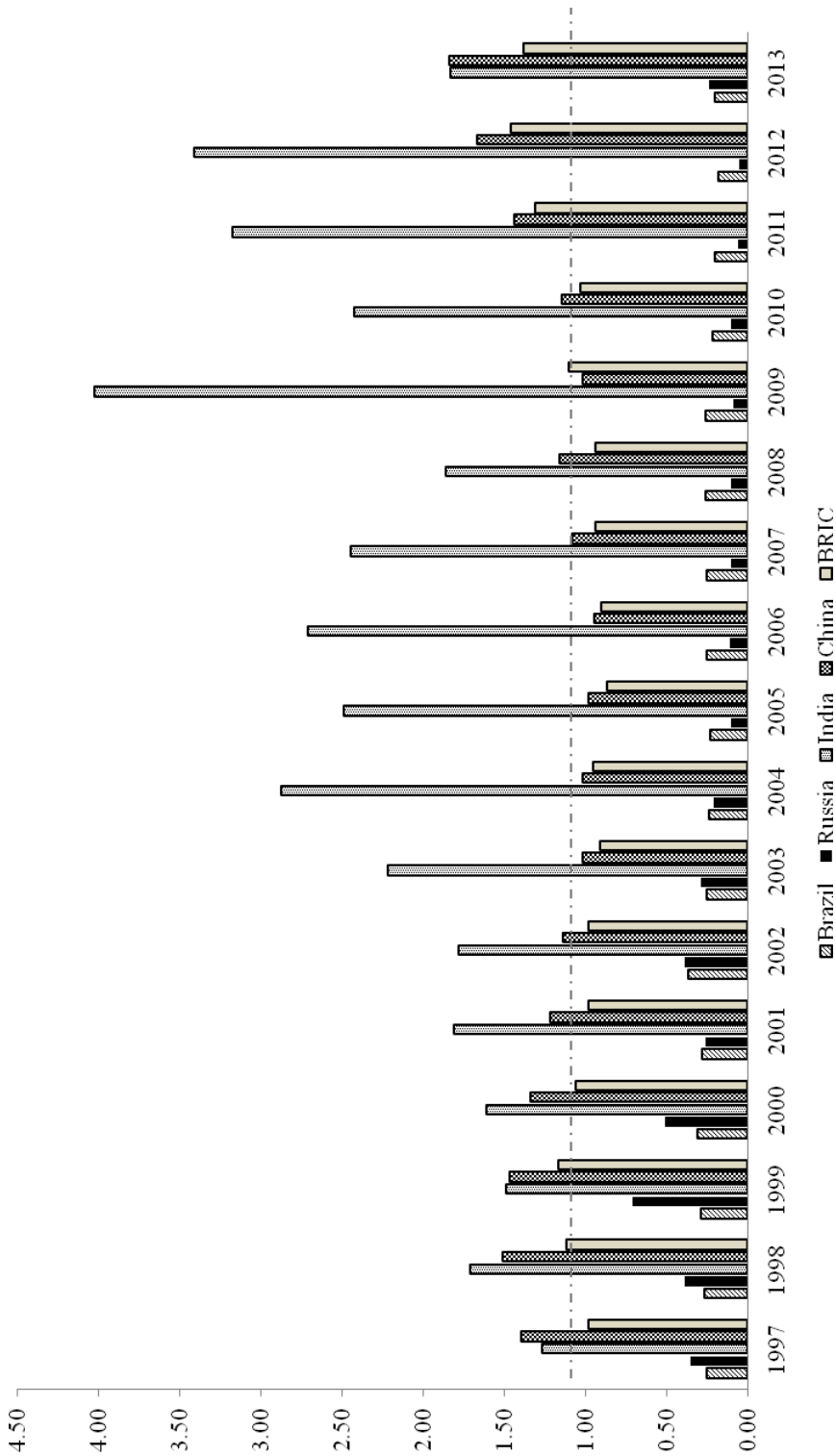


Figure 11: RCA for Other Manufactured Products

4.3 RCA: WTO Classification

WTO classification based on use of the products portrays a clearer picture about RCA of each member country of BRIC. This classification groups all the products into five categories, viz., (1) Agricultural products (2) Raw materials (3) Intermediate products, (4) Consumer products, and (5) Capital goods. The comparative advantage in the case of agricultural products is shown in Table 24. The share of agricultural products is hardly 3 per cent of BRIC's total world exports. This is because of China's ever-growing contribution in the exports of manufacturing products. Hence, since 2004, BRIC lost its comparative advantage in exporting agricultural products. Figure 12 portrays that Brazil gained the highest RCA for agricultural products. The share of agricultural products in the total export of Brazil has been highest among all BRIC countries. The Brazilian government's efforts through the state-owned company EMBRAPA, i.e., Brazilian Enterprise for Agricultural Research has been reflected in its growing export competitiveness. The Brazilian Agricultural

Table 24. RCA for Agricultural Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	3.96	0.31	1.68	0.84	1.28
	(15.88)	(1.25)	(6.72)	(3.36)	(5.14)
1998	3.72	0.32	1.46	0.76	1.19
	(14.42)	(1.24)	(5.67)	(2.93)	(4.61)
1999	4.09	0.15	1.62	0.77	1.20
	(14.60)	(0.52)	(5.78)	(2.74)	(4.29)
2000	4.06	0.18	1.50	0.81	1.15
	(12.56)	(0.56)	(4.65)	(2.50)	(3.55)
2001	4.57	0.18	1.54	0.65	1.14
	(15.21)	(0.60)	(5.12)	(2.17)	(3.79)
2002	4.67	0.41	1.42	0.62	1.11
	(15.18)	(1.32)	(4.62)	(2.00)	(3.60)
2003	4.96	0.36	1.31	0.55	1.05
	(16.35)	(1.18)	(4.31)	(1.82)	(3.44)
2004	5.56	0.19	1.47	0.39	0.98
	(17.15)	(0.59)	(4.54)	(1.21)	(3.01)
2005	5.43	0.26	1.28	0.39	0.93
	(15.85)	(0.75)	(3.74)	(1.14)	(2.71)
2006	5.33	0.31	1.41	0.33	0.88
	(14.63)	(0.84)	(3.86)	(0.91)	(2.42)
2007	5.69	0.48	1.48	0.31	0.89
	(16.54)	(1.38)	(4.29)	(0.90)	(2.58)
2008	5.66	0.28	1.47	0.26	0.83
	(17.64)	(0.86)	(4.59)	(0.81)	(2.58)
2009	5.84	0.39	1.10	0.27	0.83
	(21.23)	(1.40)	(3.98)	(0.98)	(3.03)
2010	5.42	0.23	1.41	0.28	0.81
	(18.31)	(0.77)	(4.77)	(0.94)	(2.73)
2011	5.50	0.36	1.54	0.27	0.87
	(19.11)	(1.26)	(5.34)	(0.93)	(3.03)
2012	5.74	0.40	2.03	0.24	0.86
	(21.20)	(1.47)	(7.49)	(0.87)	(3.16)
2013	6.07	0.30	1.65	0.22	0.80
	(23.42)	(1.15)	(6.38)	(0.86)	(3.09)

Note: Figures in parenthesis represent share of Agricultural Products in total value of merchandise exports of individual country.

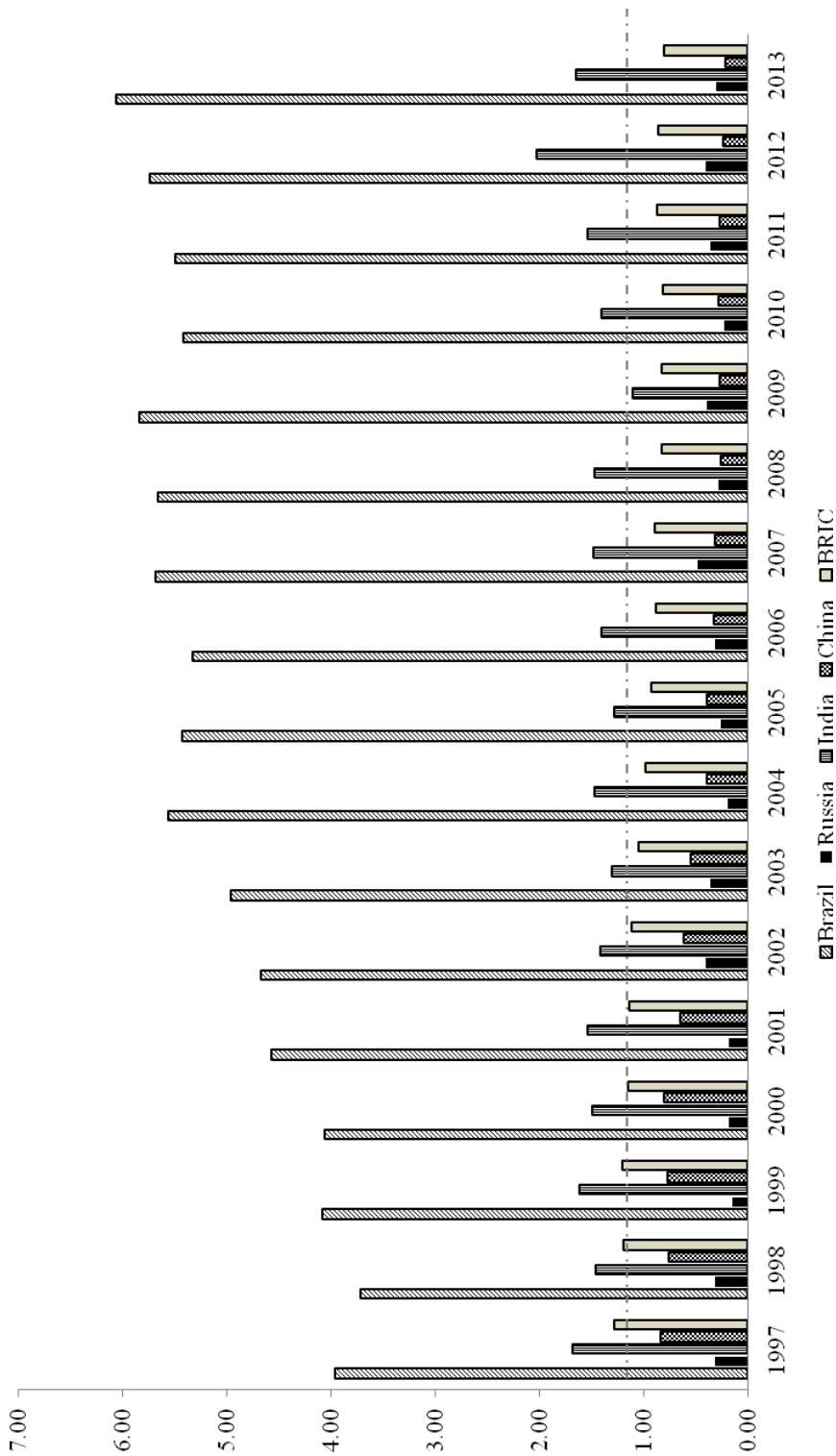


Figure 12: RCA for Agricultural Products

Research Corporation's mission is to provide feasible solutions to agri-business through knowledge and technology. Well-developed agricultural sectors, efficient and skilled farmers, technological advancement with favourable climate are important factors responsible for Brazil's high RCA in agricultural products. Russia showed complete disadvantage in exporting agricultural products. Similarly, China has disadvantage in exporting agricultural products due to land tenure system which does not permit farmers to own, buy, or sell land. Farmers operate small plots and thus, are unable to reap benefits from large scale production. In addition to this, fragmented transportation and limited access to credit, scarcity of agricultural land, degradation of land and lack of water resources, cold storage, and infrastructure facilities inhibit this ability. China has become net importer of agricultural products because domestic production is not sufficient to fulfil ever increasing demand for food which is the result of its rapidly increasing per capita income (United States International Trade Commission, 2011). India showcased RCA in the export of agricultural products during the period of the study.

Table 25. RCA for Raw Material Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	1.22	4.81	1.04	0.72	1.72
	(6.63)	(26.08)	(5.62)	(3.9)	(9.31)
1998	1.75	5.23	1.15	0.68	1.78
	(7.75)	(23.21)	(5.10)	(3.00	(7.89)
1999	1.22	4.63	0.82	0.43	1.35
	(7.24)	(27.57)	(4.89)	(2.55)	(8.05)
2000	0.97	3.97	0.67	0.37	1.23
	(7.48)	(30.70)	(5.14)	(2.89)	(9.49)
2001	1.09	4.57	0.70	0.42	1.33
	(7.88)	(33.05)	(5.07)	(3.04)	(9.63)
2002	1.32	4.79	0.77	0.34	1.29
	(9.58)	(34.75)	(5.61)	(2.46)	(9.33)
2003	1.25	4.87	0.64	0.28	1.21
	(9.39)	(36.63)	(4.81)	(2.14)	(9.08)
2004	1.19	5.14	0.77	0.25	1.25
	(9.31)	(40.26)	(6.05)	(1.94)	(9.75)
2005	1.19	4.35	0.79	0.20	1.11
	(11.44)	(41.79)	(7.62)	(1.92)	(10.68)
2006	1.27	4.52	0.61	0.14	0.99
	(13.27)	(47.22)	(6.39)	(1.50)	(10.34)
2007	1.42	4.04	0.64	0.12	0.96
	(14.24)	(40.40)	(6.44)	(1.20)	(9.61)
2008	1.44	3.30	0.46	0.11	0.87
	(17.47)	(40.15)	(5.61)	(1.33)	(10.55)
2009	1.69	4.09	0.54	0.11	0.89
	(16.51)	(40.03)	(5.27)	(1.11)	(8.69)
2010	2.25	3.87	0.47	0.10	0.88
	(24.57)	(42.17)	(5.11)	(1.04)	(9.62)
2011	2.21	4.11	0.33	0.08	0.86
	(26.87)	(49.99)	(3.99)	(1.02)	(10.48)
2012	2.83	5.00	0.43	0.11	1.13
	(23.31)	(41.16)	(3.51)	(0.89)	(9.31)
2013	2.58	4.82	0.42	0.10	1.05
	(20.90)	(39.12)	(3.42)	(0.79)	(8.50)

Note: Figures in parenthesis represent share of Raw Materials Products in the total value of merchandise exports of individual country.

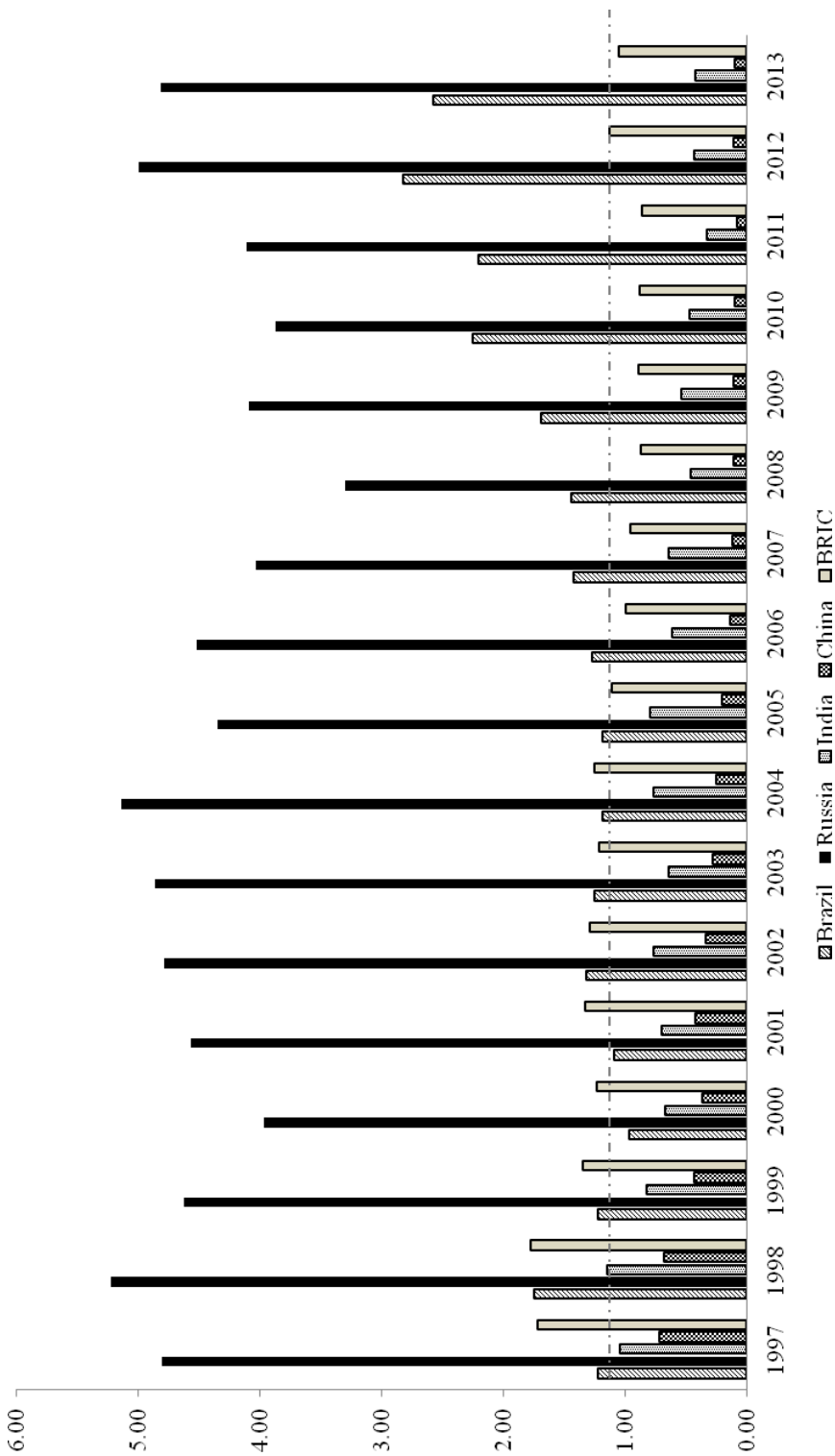


Figure 13: RCA for Raw Material Products

In the case of raw material products, Brazil and Russia have enjoyed RCA due to huge deposits of natural resources (Table 25). Russia dominates BRIC's basket of exports in terms of both share and competitiveness. The share raw material in Russia's value of total merchandise export was 26.08 in 1997 which increased to nearly 40 per cent in 2013.

Figure 13 show that BRIC, as a group, lost its RCA in the exports of raw material from 2006. However, it displayed competitiveness in the last two years. This is due to increasing share of raw materials in value of total merchandise export of Brazil and Russia. During 2006 to 2011, their contribution did not make any impact on the RCA for BRIC as a group.

Table 26. RCA for Intermediate Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	1.55	1.32	1.84	0.88	1.17
	(35.70)	(30.33)	(42.32)	(20.19)	(26.96)
1998	1.45	1.53	1.75	0.81	1.14
	(33.03)	(34.91)	(39.93)	(18.53)	(26.04)
1999	1.57	1.38	2.04	0.81	1.15
	(33.91)	(29.7)	(43.90)	(17.44)	(24.79)
2000	1.57	1.30	2.10	0.84	1.14
	(32.30)	(26.74)	(43.12)	(17.20)	(23.54)
2001	1.43	1.14	1.89	0.79	1.04
	(29.86)	(23.74)	(39.54)	(16.56)	(21.79)
2002	1.50	1.11	1.99	0.76	1.02
	(31.38)	(23.17)	(41.43)	(15.81)	(21.25)
2003	1.55	1.06	1.97	0.72	0.97
	(32.69)	(22.44)	(41.44)	(15.24)	(20.55)
2004	1.45	1.13	1.79	0.76	0.98
	(31.42)	(24.55)	(38.93)	(16.44)	(21.23)
2005	1.42	0.99	1.76	0.76	0.95
	(30.19)	(21.00)	(37.33)	(16.12)	(20.15)
2006	1.44	1.15	1.64	0.79	0.98
	(30.83)	(24.64)	(35.20)	(17.00)	(21.01)
2007	1.34	0.97	1.58	0.79	0.93
	(29.73)	(21.55)	(35.13)	(17.58)	(20.68)
2008	1.32	0.86	1.59	0.86	0.96
	(28.79)	(18.83)	(34.85)	(18.72)	(20.90)
2009	1.39	0.87	1.48	0.68	0.85
	(29.96)	(18.81)	(31.80)	(14.70)	(18.22)
2010	1.26	0.82	1.62	0.71	0.86
	(27.80)	(18.11)	(35.64)	(15.61)	(18.86)
2011	1.22	0.86	1.47	0.76	0.89
	(27.11)	(19.02)	(32.73)	(16.91)	(19.72)
2012	1.21	0.73	1.32	0.71	0.81
	(27.24)	(16.39)	(29.59)	(15.91)	(18.15)
2013	1.16	0.74	1.44	0.71	0.82
	(25.63)	(16.34)	(31.75)	(15.76)	(18.18)

Note: Figures in parenthesis represent share of Intermediate Products in total value of merchandise exports of individual country.

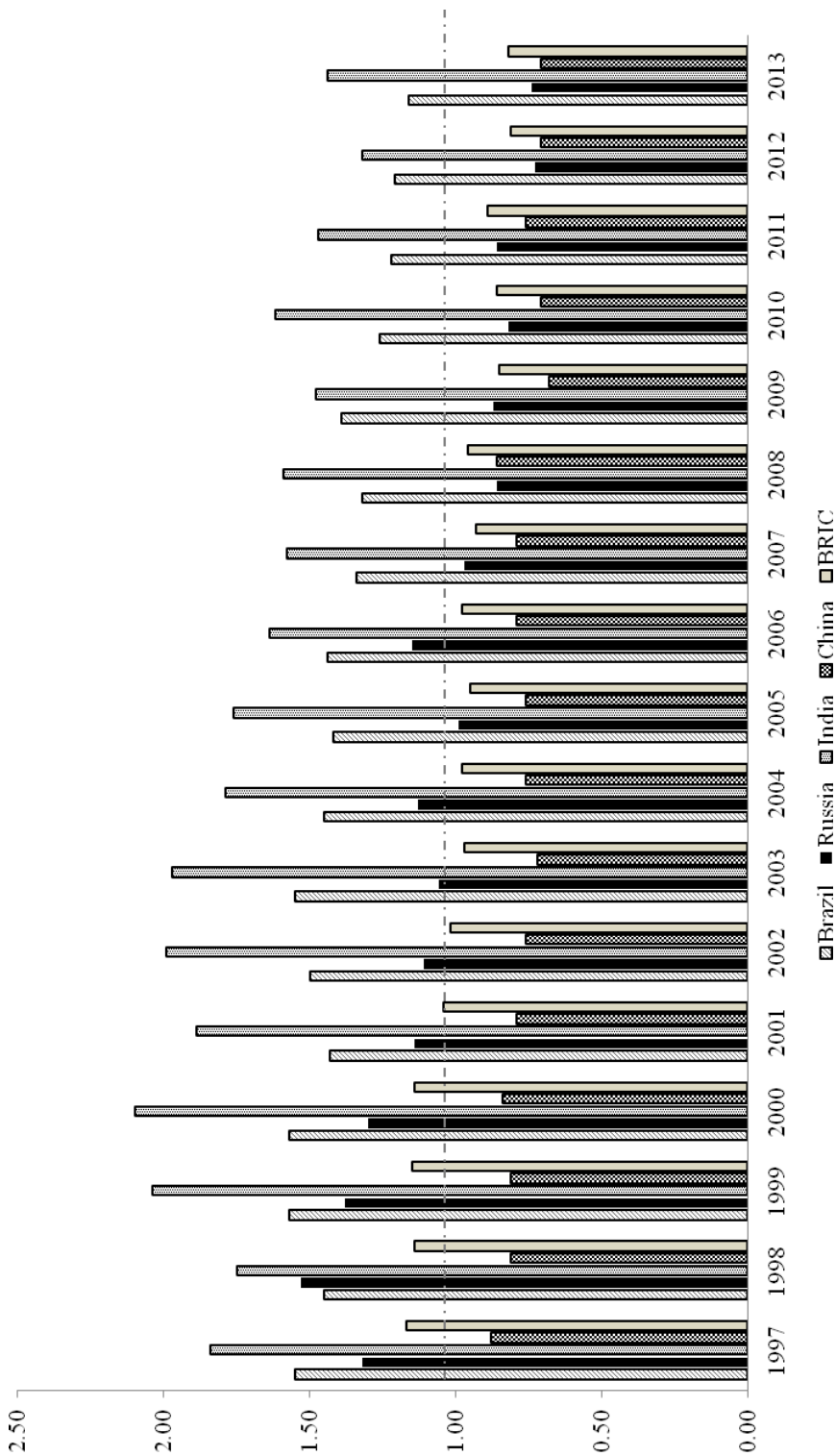


Figure 14: RCA for Intermediate Products

Figure 14 describes, in the case of intermediate products, China does not have RCA and Russia lost its RCA from 2005 and therefore BRIC as a whole does not gain RCA (Table 26). The remarkable share of intermediate products in total value of merchandise export of India and Brazil exhibited competitiveness in exporting them for all the years of the study.

Table 27. RCA for Consumer Products

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	0.72	1.18	1.23	1.72	1.40
	(22.50)	(36.73)	(38.26)	(53.46)	(43.60)
1998	0.75	1.01	1.37	1.70	1.39
	(23.78)	(31.76)	(43.09)	(53.52)	(43.72)
1999	0.74	1.08	1.26	1.68	1.39
	(23.09)	(33.76)	(39.33)	(52.53)	(43.61)
2000	0.76	1.13	1.32	1.62	1.38
	(23.35)	(34.77)	(40.64)	(49.74)	(42.47)
2001	0.75	1.08	1.32	1.49	1.30
	(23.99)	(34.77)	(42.53)	(48.00)	(41.90)
2002	0.69	0.96	1.23	1.39	1.22
	(22.81)	(31.95)	(40.82)	(45.99)	(40.40)
2003	0.66	0.95	1.22	1.27	1.15
	(22.04)	(31.70)	(40.76)	(42.45)	(38.31)
2004	0.63	0.86	1.27	1.2	1.09
	(20.48)	(28.11)	(41.40)	(39.16)	(35.48)
2005	0.62	0.98	1.27	1.18	1.09
	(20.25)	(32.12)	(41.59)	(38.54)	(35.83)
2006	0.63	0.70	1.38	1.16	1.05
	(20.20)	(22.53)	(44.44)	(37.43)	(34.01)
2007	0.6	1.01	1.35	1.12	1.07
	(19.45)	(32.70)	(43.77)	(36.25)	(34.79)
2008	0.53	1.13	1.33	1.07	1.06
	(17.13)	(36.57)	(43.3)	(34.87)	(34.33)
2009	0.51	1.06	1.35	1.09	1.06
	(17.07)	(35.62)	(45.39)	(36.64)	(35.67)
2010	0.46	1.09	1.31	1.09	1.06
	(14.91)	(35.57)	(42.60)	(35.47)	(34.42)
2011	0.40	0.82	1.39	1.10	1.03
	(13.15)	(26.83)	(45.45)	(35.85)	(33.55)
2012	0.40	1.13	1.41	1.10	1.08
	(13.58)	(38.05)	(47.6)	(37.13)	(36.43)
2013	0.39	1.13	1.33	1.07	1.06
	(13.80)	(39.51)	(46.70)	(37.59)	(37.09)

Note: Figures in parenthesis represent share of Consumer Products in the total value of merchandise exports of individual country.

Consumer products consistently contributed heavily in BRIC's basket of world exports. India and China recorded RCA in the export of consumer products (Table 27). However, Figure 15 pictures China's competitiveness showed decreasing trend. Share of consumer products in the value of total merchandise export basket of China also depicted a negative trend. Rapid urbanisation and rise in disposable income led to an increase in domestic demand for consumer products. In the initial years, Russia too enjoyed competitiveness in consumer products but was unable to retain it. Even so, there was restoration from 2007 onwards.

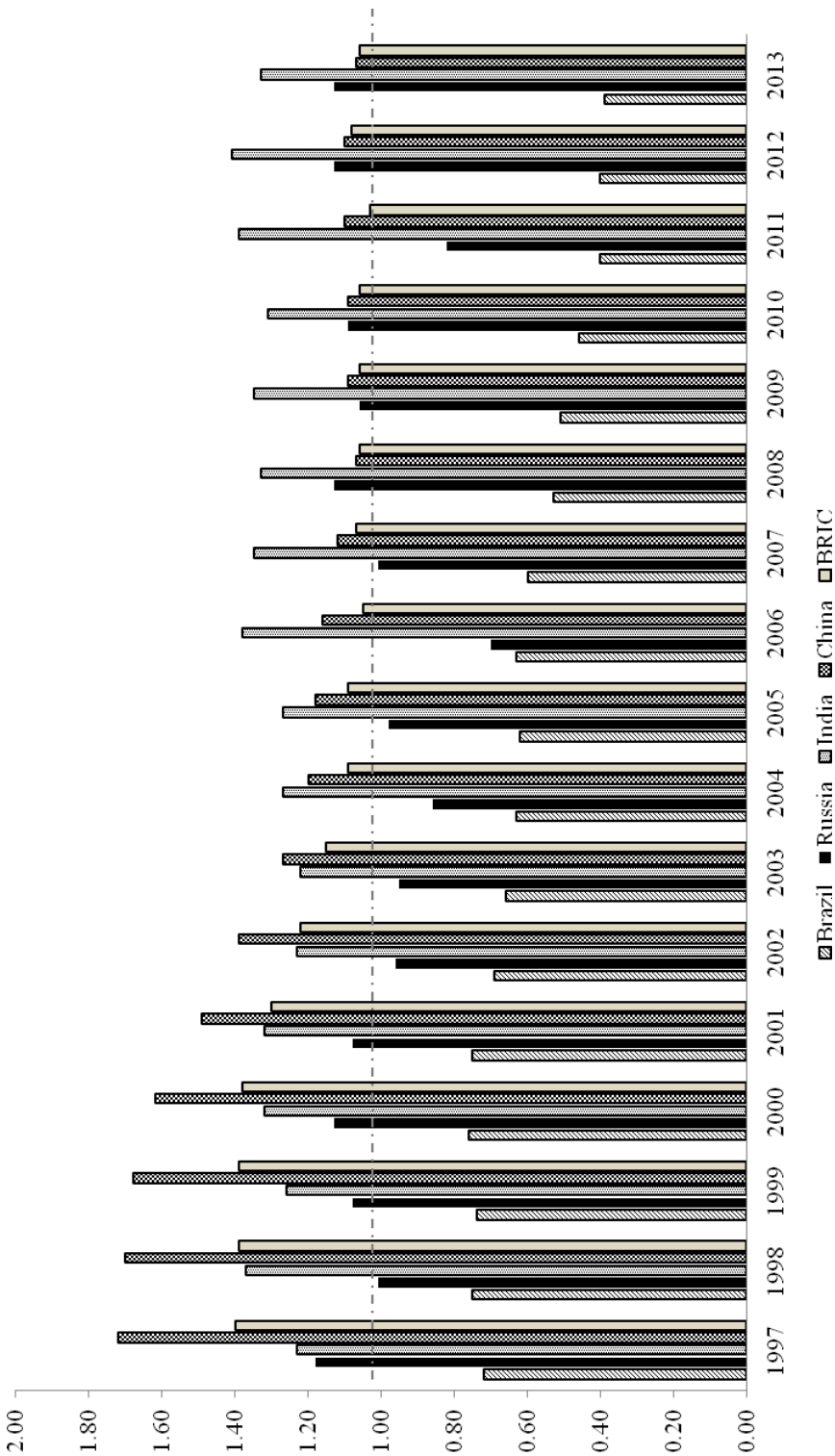


Figure 15: RCA for Consumer Products

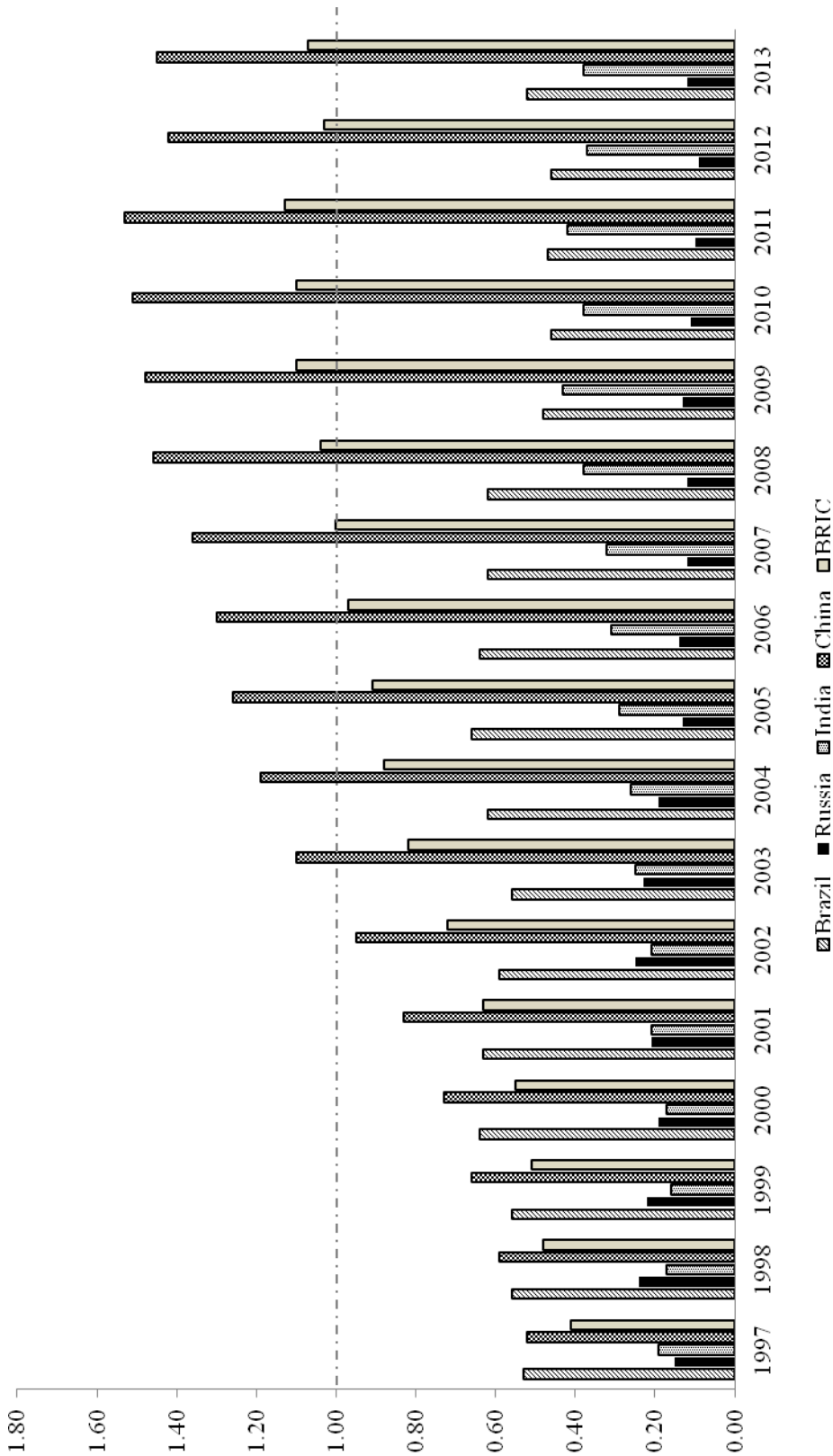
Figure 16 affirms that BRIC gained competitiveness in capital goods in later years of the study because only China has competitiveness in those products. China's export composition changed remarkably over the years. In 1997, 19.06 per cent of the value of merchandise export consisted of capital products which dramatically enlarged to 44.97 per cent in 2013. FDI in China was the main determining factor which led to an increase in BRIC's competitiveness (Table 28). Other BRIC countries indicated sheer disadvantage in exporting capital goods.

Table 28. RCA for Capital Goods

Year	Brazil	Russia	India	China	BRIC
(1)	(2)	(3)	(4)	(5)	(6)
1997	0.53	0.15	0.19	0.52	0.41
	(19.27)	(5.59)	(7.06)	(19.06)	(14.97)
1998	0.56	0.24	0.17	0.59	0.48
	(20.99)	(8.84)	(6.18)	(21.99)	(17.71)
1999	0.56	0.22	0.16	0.66	0.51
	(21.13)	(8.44)	(6.07)	(24.71)	(19.24)
2000	0.64	0.19	0.17	0.73	0.55
	(24.28)	(7.21)	(6.42)	(27.65)	(20.93)
2001	0.63	0.21	0.21	0.83	0.63
	(23.04)	(7.82)	(7.71)	(30.2)	(22.86)
2002	0.59	0.25	0.21	0.95	0.72
	(21.02)	(8.79)	(7.49)	(33.71)	(25.39)
2003	0.56	0.23	0.25	1.10	0.82
	(19.50)	(8.02)	(8.67)	(38.33)	(28.60)
2004	0.62	0.19	0.26	1.19	0.88
	(21.61)	(6.48)	(9.06)	(41.23)	(30.51)
2005	0.66	0.13	0.29	1.26	0.91
	(22.23)	(4.32)	(9.70))	(42.25)	(30.60)
2006	0.64	0.14	0.31	1.30	0.97
	(21.04)	(4.74)	(10.08)	(43.13)	(32.19)
2007	0.62	0.12	0.32	1.36	1.00
	(20.01)	(3.94)	(10.34)	(44.04)	(32.31)
2008	0.62	0.12	0.38	1.46	1.04
	(18.95)	(3.58)	(11.62)	(44.25)	(31.61)
2009	0.48	0.13	0.43	1.48	1.10
	(15.21)	(4.12)	(13.53)	(46.54)	(34.37)
2010	0.46	0.11	0.38	1.51	1.10
	(14.38)	(3.36)	(11.86)	(46.91)	(34.35)
2011	0.47	0.10	0.42	1.53	1.13
	(13.74)	(2.88)	(12.46)	(45.26)	(33.19)
2012	0.46	0.09	0.37	1.42	1.03
	(14.64)	(2.91)	(11.79)	(45.17)	(32.91)
2013	0.52	0.12	0.38	1.45	1.07
	(16.23)	(3.86)	(11.71)	(44.97)	(33.12)

Note: Figures in parenthesis represent share of Capital Products in the total value of merchandise exports of individual country.

Figure 16: RCA for Capital Goods



5. CONCLUSIONS

The objective of the paper was to determine the competitiveness of BRIC as a group and each member country of the BRIC as well. The empirical evidence suggests that over the years, there has been a shift in BRIC's comparative advantage. BRIC's global trade increased rapidly and showed substantial broad-based diversification. According to trade classification, in the case of Ricardo products BRIC does not have RCA for all the years but member countries Brazil, Russia and India have RCA for all the years of the study which indicates that these countries are emphasising their export in natural resource based products but not China. According to the UNCTAD classification, except BRIC as a group and China, the other members, namely, Brazil, Russia and India, have RCA in primary product which brings out the developing nature of these economies over the period. In the case of labour-intensive resource based manufactured products, BRIC has RCA for all the years along with India and China. It reflects that these economies are labour abundant. Similarly, in the case of low-technology skill-based manufactured products BRIC has RCA for all the years along with China and India but not for Brazil and Russia. It implies that India and China are able to develop low- technology over the period. For medium-technology skill-based manufactured products neither BRIC nor its members have RCA for any years of the period of the study. It shows that all these countries are not able to achieve development of technology which requires technological skill. The same case is for high-technology skill-based manufactured products except for last few years for BRIC and China. This is due to increase in FDI from industrially-advanced countries in China especially in high-technology skill-based products such as chemicals and related products, fertilisers, machinery, electrical machinery and transport equipments etc. China has been gaining comparative advantage in high-technology skill based products, thus, it should explore another basis for the comparative advantage such as technology and innovations. This step would be more effective as China is shedding its low labour cost advantage as the Chinese government has proposed 80 per cent increase in the average wage of Chinese labour by 2015. Hence, the Chinese government should increase their support to the production of advanced manufacturing equipments. At the same time, Chinese government should also develop energy efficient and sustainable manufacturing environment (World Economic Forum, 2013). On the other hand, India needs rapid skill development programme to increase productivity in the manufacturing industries. India is suffering from supply-side constraints such as power supply, lack of adequate and quality infrastructure and high cost of capital, etc. Thus, India should remove restrictive barriers and regulatory controls on foreign investment especially in manufacturing sector. This would encourage technology up-gradation and infrastructural development in it and enable India to move up in the value chain.

According to the WTO classification, BRIC does not have RCA for all the years except for some years in the case of agricultural products. Brazil maintains extensive range of price and credit policies to develop and upgrade agriculture. However, weak infrastructure is a major bottleneck in the development of the agricultural sector in Brazil. Deeper investment in building transport networks especially in the rural areas is needed. China and Russia do not have RCA in agricultural products for a single year of the study. But, Brazil and India enjoy RCA in these products for all the years of the study. In the case of raw material products only Brazil and Russia enjoyed RCA for the study period. In the case of intermediate products only Brazil and India enjoyed RCA for the entire period of the study. For consumer products BRIC along with India and China showed RCA for all the years. In the case of capital goods, BRIC as well as China show RCA for the last few years only. India, Brazil and

Russia do not have RCA in capital goods during the period of the study. Poor business climate is an important drawback of Russian economy because of widespread corruption, weak rule of law and bureaucratic obstacles; and inconsistent enforcement of regulations suppresses modernisation of the private sector. This has resulted in sluggish innovations, growing dependence on natural resource extraction and low level of entrepreneurship and competition. To reduce dependence on natural resources and to increase productivity in the manufacturing sector, Russia requires strong financial sector reforms which ensure development of Small and Medium-sized Enterprises (SMEs) by providing access to long-term financing [OECD, 2013].

In short, RCA varies between the members over the period, along with BRIC as a whole, according to the type of the exported products. BRIC's competitiveness in primary products has been gradually falling. On the other hand, on account of China's dominance in BRIC's basket of exports, BRIC as a group gained advantage in the manufacturing sector especially in high-technology and skill-based manufacture products. It is an indication that BRIC as a group is shifting from agricultural economy to industrial economy. China contributed the lion's share in BRIC's export of manufacturing products. Even so, comparative advantage of members of BRIC excluding China still revolves around primary products and low-technology products and is often dominated by their natural endowments. However, these economies are changing their focus from primary and low-technology skill-based products to medium and high-technology skill-based products.

In the last decade, each member country of BRIC has realised its potential and there exist enormous opportunities which have remained unexploited. One can infer that on the basis of comparative advantage of each country, there exists ample scope to increase intra-BRIC trade. Mutual beneficial trade among BRIC members is plausible due to their differences in export comparative advantage. India and China both are competitive in exporting HO products, labour intensive resource based manufactured products and consumer products. Both can export these products to Brazil and Russia who possess comparative disadvantage in exporting such products. On the other hand, Russia and China experiences comparative disadvantage in exporting of agricultural and intermediate products. Hence it would be beneficial for Russia and China that they import these products from Brazil and India. Moreover, China is the only country in the group with comparative advantage in export of PC products, High-technology skill-based manufactured products and capital goods. Other member countries would be at an advantage by importing such products from China. This potential in increasing intra-BRIC trade on the basis of export competitiveness can pave the way for a new trading block of Emerging Market Economies (EMEs). The importance of BRIC in the world economy is increasing. However, considering the poor infrastructure among member countries, the group (including South Africa) agreed to establish a New Development Bank effective in financing infrastructure, BRICS Think Tanks and the BRICS Business Council to strengthen intra-BRICS co-operation to develop new paradigms such as exchanging information on scientific and technological research, exploration of minerals and water purification techniques, etc. It is expected that BRIC would deal with contemporary growth and development challenges of the group for sustainable development.

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ANNEXURE A

Note on Classifications:

1. Standard International Trade Classification (SITC):

* Maintained by United Nations Statistical Division

* Export and import values and volumes of merchandise trade

The groupings of SITC based on:

> The production materials;

> The processing stage;

> Market practices and uses of the products;

> The importance of the goods in world trade;

> Technological changes

> SITC disaggregated up to 5-digit level

> Revisions: SITC original (1950), Revision 1 (1960), Revision 2 (1975), Revision 3 (1985) and Revision 4 (2006)

Year of Revision	SITC Original (1950)	SITC Rev.1 (1960)	SITC Rev.2 (1975)	SITC Rev.3 (1985)	SITC Rev.4 (2006)
Number of articles in Sections	10	10	10	10	10
Number of articles in Divisions	52	56	63	67	67
Number of articles in Groups	150	177	233	261	262
Number of articles in Subgroups	-	625	786	1033	1023
Number of articles in Items	570	1312	1832	3121	2970

Structure:

Total products divided into 10 Sections

0. Food and live animal
1. Beverages and tobacco
2. Crude materials, inedible, except fuels
3. Mineral fuels, lubricants and related materials
4. Animal and vegetable oils, fats and waxes
5. Chemicals and related products
6. Manufactured goods classified chiefly by material
7. Machinery and transport equipment
8. Miscellaneous manufactured articles
9. Commodities and transactions not classified elsewhere in SITC

2. Harmonized Commodity Description and Coding System (HS)

* Maintained by **World Custom Organization (WCO)**

*** Structure:**

* Organized into 21 Sections and 99 chapters
* Chapters 77, 98 and 99 reserve for national use
* At 4-digit level cover the broad category (Industry)
* At 6-digit level followed by international standard
* Disaggregation up to 8-digit and 10-digit at tariff rate line (legal and non legal)

*** Difference between HS and SITC**

SITC classifies traded products on the basis of their material and physical properties, stage of processing, and their economic functions while the HS classification has the merit of detailed disaggregation but is restricted only to a precise breakdown of the individual products categories.

Table A1. Description of Sections

Section	Description
S-01	Live Animals; Animal Products
S-02	Vegetable Products
S-03	Animal and Vegetable Fats and Oils and their Coverage Products
S-04	Prepared Food stuff, Beverages, Spirits vinegar and Tobacco and Manufactured Tobacco Substitutes
S-05	Mineral Products
S-06	Products of chemicals and allied Industries
S-07	Products of Plastic and Rubber and articles thereof
S-08	Raw Hides and Skins, Leather Fur Skin and article thereof
S-09	Wood and articles thereof
S-10	Pulp of Wood and Fibrous Cellulosic Material
S-11	Textile and Textile Articles
S-12	Footwear and Umbrellas etc
S-13	Articles of Stones, Cement, Plaster and Ceramic Products
S-14	Natural and Cultured Pearls Precious and Semi-Precious Stones
S-15	Base Metals
S-16	Machinery and Mechanical Appliances
S-17	Vehicles and Aircraft, Vessels and Other Transport Equipments
S-18	Optional musical, Cinematographic, Medical Instruments
S-19	Arms and Ammunition Parts and Accessories there of
S-20	Miscellaneous Manufacturing Articles
S-21	Woks of Arts Antiques and Pieces

Table A2: Description of Chapters
(Two Digit HS Classification)

Section	Chapter	Description
(1)	(2)	(3)
S-01	**(01-05)**	**Live Animals; Animal Products**
	C-01	Live animals
	C-02	Meat and edible meat offal
	C-03	Fish and crustaceans, molluscs and other aquatic invertebrates
	C-04	Dairy produce; bird's eggs; natural honey; edible products of animal origin
	C-05	Products of animal origin, not elsewhere specified or included
S-02	**(06-14)**	**Vegetable Products**
	C-06	Live trees and other plants; bulbs, roots and the like
	C-07	Edible vegetables and certain roots and tubers
	C-08	Edible fruit and nuts; peel of citrus fruit or melons
	C-09	Coffee, tea, mate and spices
	C-10	Cereals
	C-11	Products of the milling industry; malt; starches
	C-12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants;
	C-13	Lac; gums, resins and other vegetable saps and extracts
	C-14	Vegetable plaiting materials; vegetable products not elsewhere specified
S-03		Animal and Vegetable Fats and Oils and their Coverage Products
	C-15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes

(Contd.)

Section	Chapter	Description
(1)	(2)	(3)
S-04	**(16-24)**	**Prepared Foodstuff, Beverages, Spirits Vinegar. Tobacco and Manufactured Tobacco Substitutes**
	C-16	Preparation of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates
	C-17	Sugars and sugar confectionery
	C-18	Cocoa and cocoa preparations
	C-19	Preparations of cereals, flour, starch or milk; pastry cooks^ products
	C-20	Preparations of vegetables, fruit, nuts or other parts of plants
	C-21	Miscellaneous edible preparations
	C-22	Beverages, spirits and vinegar
	C-23	Residues and waste from the food industries; prepared animal fodder
	C-24	Tobacco and manufactured tobacco substitutes
S-05	**(25-27)**	**Mineral Products**
	C-25	Salt; sulphur; earths and stone; plastering materials
	C-26	Ores, slag and ash
	C-27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes
S-06	**(28-38)**	**Products of Chemicals and allied Industries**
	C-28	Inorganic chemicals
	C-29	Organic chemicals
	C-30	Pharmaceutical products
	C-31	Fertilisers
	C-32	Tanning or dyeing extracts; tannins and their derivatives;
	C-33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations
	C-34	Soap organic surface-active agents, washing preparations, lubricating preparations, artificial waxes, prepared waxes, polishing or scouring preparations,
	C-35	Albuminoidal substances; modified starches; glues; enzymes
	C-36	Explosives; pyrotechnic products; matches; pyrotechnic alloys; certain combustible preparations
	C-37	Photographic or cinematographic goods
	C-38	Miscellaneous chemical products
S-07	**(39-40)**	**Products of Plastic and Rubber and articles thereof**
	C-39	Plastics and articles thereof
	C-40	Rubber and articles thereof
S-08	**(41-43)**	**Raw Hides and Skins, Leather Fur skin and article thereof**
	C-41	Raw hides and skins (other than fur skins) and leather
	C-42	Articles of leather; saddlery and harness, travel goods, handbags and similar containers
	C-43	Fur skins and artificial fur, manufactures thereof
S-09	**(44-46)**	**Wood and articles thereof**
	C-44	Wood and articles of wood; wood charcoal
	C-45	Cork and articles of cork
	C-46	Manufactures of straw, of esparto or of other plaiting materials;
S-10	**(47-49)**	**Pulp of Wood and Fibrous Cellulosic Material**
	C-47	Pulp of wood or of other fibrous cellulosic material; recovered
	C-48	Paper and paperboard; articles of paper pulp, of paper or of paperboard
	C-49	Printed books, newspaper, pictures and other products of the printing industry; manuscripts, typescripts and plans
S-11	**(50-63)**	**Textile and Textile Articles**
	C-50	Silk
	C-51	Wool, fine or coarse animal hair; horsehair yarn and woven fabric
	C-52	Cotton
	C-53	Other vegetable textile fibres; paper yarn and woven fabrics of paper yarn
	C-54	Filaments man-made
	C-55	Man-made staple fibres

(Contd.)

Section	Chapter	Description
(1)	(2)	(3)
	C-56	Wadding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof
	C-57	Carpets and other textile floor coverings
	C-58	Special woven fabrics; tufted textile fabrics; lace; tapestries; trimmings; embroidery
	C-59	Impregnated, coated, covered or laminated textile fabrics; textile articles of a kind suitable for industrial use
	C-60	Knitted or crocheted fabrics
	C-61	Articles of apparel and clothing accessories, knitted or crocheted
	C-62	Articles of apparel and clothing accessories, not knitted or crocheted
	C-63	Other made up textile articles; sets; worn clothing and worn textile articles; rags
S-12	(64-67)	Footwear and Umbrellas etc
	C-64	Footwear, gaiters and the like; parts of such articles
	C-65	Headgear and parts thereof
	C-66	Umbrellas, sun umbrellas, walking-sticks, seat-sticks, whips, riding crops and parts thereof
	C-67	Prepared feathers and down and articles made of feathers or of down; artificial flowers; articles of human hair
S-13	(68-70)	Articles of Stones, Cement, Plaster and Ceramic Products
	C-68	Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware
	C-69	Ceramic products
	C-70	Glass and glassware
S-14		Natural and Cultured Pearls Precious and Semi-Precious Stones
	C-71	Natural or cultured pearls, precious or semi-precious stones, precious metal, metals clad with precious metal and articles thereof; imitation jewellery; coin
S-15	(72-83)	Base Metals
	C-72	Iron and steel
	C-73	Articles of iron or steel
	C-74	Copper and articles thereof
	C-75	Nickel and articles thereof
	C-76	Aluminium and articles thereof
	C-78	Lead and articles thereof
	C-79	Zinc and articles thereof
	C-80	Tin and articles thereof
	C-81	Other base metals; cermet; articles thereof
	C-82	Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal
	C-83	Miscellaneous articles of base metal
S-16	(84-85)	Machinery and Mechanical Appliances
	C-84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof
	C-85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers
S-17	(86-89)	Vehicles and Aircraft, Vessels and Other Transport Equipment
	C-86	Railway or tramway locomotives, rolling-stock and parts thereof
	C-87	Vehicles other than railway or tramway rolling - stock
	C-88	Aircraft, spacecraft and parts thereof
	C-89	Ships, boats and floating structures
S-18	(90-92)	Optical, musical, Cinematographic, Medical Instruments
	C-90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof.
	C-91	Clocks and watches and parts thereof.
	C-92	Musical instruments; parts and accessories of such articles.
S-19		Arms and ammunition; parts and accessories thereof
	C-93	Arms and ammunition; parts and accessories thereof
S-20	(94-96)	Miscellaneous Manufacturing Articles
	C-94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishing; lamps and lighting fittings, not elsewhere specified
	C-95	Toys, games and sports requisites; parts and accessories thereof
	C-96	Miscellaneous manufactured articles
S-21		Woks of Arts Antiques and Pieces
	C-97	Works of art, collectors' pieces and antiques

Annexure B

Table B1: Categories of Products on the Basis of SITC Classification of Trade

RIC		HO		PC		OTHERS	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
11	322	111	696	335	735	1	745
12	325	112	697	511	737	34	749
16	333	122	699	512	741	35	811
17	342	273	746	513	742	36	896
22	343	533	747	514	743	37	898
23	344	551	748	515	744	62	899
24	345	553	761	516	751	73	961
25	411	554	762	522	752	81	--
41	421	611	763	523	759	91	--
42	422	612	764	524	771	98	--
43	431	613	775	525	772	211	--
44	641	621	781	532	773	212	--
45	667	625	782	541	774	222	--
46	681	629	783	542	776	223	--
47	682	642	784	562	778	231	--
48	683	651	785	571	792	232	--
54	684	652	786	572	871	244	--
56	685	653	791	573	872	245	--
57	686	654	793	574	873	246	--
58	687	656	812	575	874	264	--
59	689	657	813	581	881	265	--
61	971	658	821	582	882	266	--
71	--	659	831	583	883	267	--
72	--	661	841	591	884	269	--
74	--	662	842	593	885	277	--
75	--	664	843	597	891	278	--
121	--	665	844	711	--	282	--
247	--	666	845	712	--	286	--
248	--	671	846	713	--	288	--
251	--	672	848	714	--	291	--
261	--	673	851	716	--	292	--
263	--	674	892	718	--	334	--
268	--	675	893	721	--	351	--
272	--	676	894	722	--	531	--
274	--	677	895	723	--	579	--
281	--	678	897	724	--	592	--
283	--	679	--	725	--	598	--
284	--	691	--	726	--	633	--
285	--	692	--	727	--	634	--
287	--	693	--	728	--	635	--
289	--	694	--	731	--	655	--
321	--	695	--	733	--	663	--

Note: RIC- Ricardo Products, HO- Heckscher-Ohlin and PC- Product-cycle.

Table B2: Categories of Products on the Basis of UNCTAD Classification

PRIMARY PRODUCT			LRP	LTSP	MTSP	HTSP		OTHERS
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
001	222	345	611	671	621	511	871	891
011	223	351	612	672	625	512	872	892
012	231	411	613	673	629	513	873	895
016	232	421	633	674	711	514	874	896
017	244	422	634	675	712	515	881	897
022	245	431	635	676	713	516	882	898
023	246	677	641	678	714	522	883	899
024	247	681	642	679	716	523	884	--
025	248	682	651	691	718	524	885	--
034	251	683	652	692	721	525	--	--
035	261	684	653	693	722	531	--	--
036	263	685	654	694	723	532	--	--
037	264	686	655	695	724	533	--	--
041	265	687	656	696	725	541	--	--
042	266	689	657	697	726	542	--	--
043	267	--	658	699	727	551	--	--
044	268	--	659	785	728	553	--	--
045	269	--	661	786	731	554	--	--
046	272	--	662	791	733	562	--	--
047	273	--	663	793	735	571	--	--
048	274	--	664	812	737	572	--	--
054	277	--	665	813	741	573	--	--
056	278	--	666	--	742	574	--	--
057	281	--	821	--	743	575	--	--
058	282	--	831	--	744	579	--	--
059	283	--	841	--	745	581	--	--
061	284	--	843	--	746	582	--	--
062	285	--	844	--	747	583	--	--
071	286	--	845	--	748	591	--	--
072	287	--	846	--	749	592	--	--
073	288	--	848	--	771	593	--	--
074	289	--	851	--	772	597	--	--
075	291	--	894	--	773	598	--	--
081	292	--	--	--	774	751	--	--
091	321	--	--	--	775	752	--	--
098	322	--	--	--	778	759	--	--
111	325	--	--	--	781	761	--	--
112	333	--	--	--	782	762	--	--
121	334	--	--	--	783	763	--	--
122	335	--	--	--	784	764	--	--
211	342	--	--	--	811	776	--	--
212	343	--	--	--	--	792	--	--

Note: LRP = Labour Intensive Resource-Based Products, LTSP = Low Technology Skill-Based Manufactured Products, MTSP = Medium Technology Skill-Based Manufactured Products and HTSP = High Technology Skill-Based Manufactured Products.

Annexure C
Table C1: Section-wise RCA of BRIC in Exports

SECTION	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Section: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
S-01	0.98	0.90	0.94	0.95	0.97	0.91	0.82	0.80	0.76	0.71	0.65	0.65	0.67	0.69	0.7	0.7	0.66	--
S-02	1.49	1.52	1.39	1.32	1.27	1.27	1.18	1.03	0.97	0.91	0.90	0.80	0.84	0.79	0.92	0.91	0.87	--
S-03	0.89	0.81	0.76	0.65	0.64	0.55	0.55	0.53	0.48	0.44	0.37	0.37	0.31	0.25	0.28	0.30	0.27	--
S-04	1.26	1.15	1.10	1.03	1.07	0.97	0.85	0.83	0.79	0.86	0.77	0.76	0.71	0.72	0.74	0.71	0.62	--
S-05	2.53	2.56	1.98	1.57	1.62	1.52	1.41	1.34	1.21	0.97	1.11	1.03	1.03	1.01	0.88	1.19	1.11	--
S-06	0.69	0.67	0.68	0.71	0.62	0.55	0.52	0.51	0.52	0.53	0.52	0.59	0.49	0.54	0.59	0.53	0.52	--
S-07	0.64	0.64	0.65	0.66	0.65	0.64	0.60	0.59	0.60	0.63	0.59	0.58	0.59	0.6	0.65	0.67	0.7	--
S-08	3.14	3.36	3.36	3.20	3.08	3.02	2.91	2.76	2.58	2.32	2.05	2.02	2.08	2.01	2.11	2.16	1.81	S-08
S-09	1.14	1.13	1.28	1.28	1.30	1.34	1.27	1.28	1.28	1.34	1.29	1.22	1.13	1.06	1.06	1.00	0.92	S-09
S-10	0.51	0.53	0.54	0.58	0.54	0.49	0.49	0.45	0.47	0.51	0.5	0.51	0.51	0.53	0.57	0.58	0.59	--
S-11	2.52	2.51	2.63	2.51	2.4	2.31	2.22	2.13	2.15	2.34	2.26	2.28	2.29	2.28	2.32	2.22	2.18	S-11
S-12	4.13	4.35	4.44	4.20	3.89	3.62	3.32	3.14	3.07	2.99	2.76	2.74	2.71	2.69	2.62	2.76	2.46	S-12
S-13	1.03	1.00	1.09	1.11	1.07	1.14	1.11	1.11	1.18	1.26	1.16	1.20	1.28	1.34	1.41	1.47	1.47	S-13
S-14	1.18	1.95	1.67	1.38	1.38	1.36	1.23	1.16	1.13	1.00	0.88	0.70	0.99	0.83	1	0.92	1	--
S-15	1.52	1.43	1.52	1.48	1.28	1.24	1.19	1.26	1.20	1.23	1.16	1.18	1	1	1.01	0.98	0.97	--
S-16	0.49	0.55	0.61	0.63	0.74	0.85	0.97	1.03	1.07	1.14	1.16	1.20	1.25	1.25	1.27	1.19	1.25	--
S-17	0.28	0.34	0.30	0.39	0.35	0.33	0.34	0.37	0.36	0.38	0.39	0.45	0.48	0.51	0.53	0.44	0.44	--
S-18	0.58	0.63	0.66	0.64	0.63	0.6	0.61	0.63	0.72	0.75	0.73	0.73	0.7	0.72	0.73	0.69	0.7	--
S-19	0.23	0.88	1.86	1.08	0.33	0.64	0.32	0.25	0.24	0.25	0.28	0.31	0.32	0.28	0.3	0.27	0.35	--
S-20	1.89	1.95	2.00	2.05	1.98	2.10	2.03	1.98	2.00	2.07	1.98	2.03	2.02	2.05	2.09	2.12	2.01	S-20
S-21	0.17	0.13	0.10	0.05	0.04	0.05	0.46	0.39	0.33	0.28	0.24	0.16	0.14	0.17	0.26	0.25	0.37	--
No. of Sections RCA >1	11	11	12	12	11	10	10	11	10	9	9	9	9	9	9	8	8	6

Note: For description of section please refer **Table** A1 in Annexure A.

Table C2: Section-wise RCA of Brazil in Exports

SECTION	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Section: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
S-01	1.27	1.24	1.64	1.76	2.35	2.59	2.86	3.32	3.54	3.39	3.84	4.01	3.52	3.47	3.09	3.40	3.23	S-01
S-02	3.87	3.55	3.59	3.61	3.74	3.68	3.94	4.22	3.74	3.83	3.97	3.96	4.31	3.96	4.49	4.64	5.22	S-02
S-03	2.68	3.45	3.57	2.65	3.17	3.59	4.13	3.69	3.17	2.58	2.56	2.54	1.67	1.42	1.55	1.54	1.24	S-03
S-04	4.67	4.47	4.49	4.04	4.25	4.15	3.83	3.82	3.86	4.35	3.98	3.92	4.29	4.31	4.06	4.07	3.64	S-04
S-05	1.03	1.59	1.13	0.82	1.00	1.14	1.06	0.97	0.96	1.02	1.14	1.06	1.28	1.59	1.55	1.76	1.53	--
S-06	0.69	0.68	0.69	0.73	0.57	0.55	0.54	0.50	0.51	0.55	0.56	0.54	0.52	0.53	0.52	0.50	0.48	--
S-07	0.72	0.68	0.71	0.78	0.66	0.63	0.68	0.62	0.66	0.70	0.70	0.61	0.67	0.58	0.56	0.54	0.51	--
S-08	1.93	2.00	2.08	2.16	2.15	2.05	2.29	2.26	2.15	2.59	2.66	2.07	1.58	1.61	1.45	1.62	1.57	S-08
S-09	1.67	1.74	2.23	2.31	2.23	2.54	2.54	2.77	2.43	2.30	1.99	1.75	1.36	1.24	1.02	1.06	1.06	S-09
S-10	1.38	1.39	1.69	1.84	1.51	1.41	1.64	1.38	1.44	1.57	1.59	1.70	1.68	1.86	1.65	1.69	1.78	S-10
S-11	0.38	0.36	0.36	0.40	0.40	0.34	0.40	0.41	0.39	0.33	0.33	0.31	0.28	0.26	0.28	0.34	0.23	--
S-12	3.50	3.23	3.44	3.84	3.55	3.14	2.86	2.73	2.42	2.15	1.93	1.61	1.27	1.10	0.79	0.74	0.63	--
S-13	1.05	1.06	1.19	1.27	1.13	1.25	1.26	1.29	1.32	1.38	1.25	0.97	0.89	0.85	0.72	0.73	0.76	--
S-14	0.69	0.53	0.59	0.58	0.53	0.55	0.44	0.41	0.38	0.42	0.40	0.39	0.48	0.44	0.40	0.42	0.40	--
S-15	1.64	1.55	1.70	1.74	1.41	1.57	1.58	1.45	1.45	1.32	1.17	1.18	1.09	0.92	0.94	0.94	0.84	--
S-16	0.41	0.40	0.40	0.42	0.44	0.43	0.43	0.41	0.48	0.47	0.42	0.41	0.35	0.32	0.33	0.32	0.31	--
S-17	0.80	0.88	0.83	1.20	1.09	0.93	0.87	1.10	1.11	1.03	1.04	1.06	0.85	0.84	0.77	0.74	1.03	--
S-18	0.15	0.20	0.26	0.24	0.23	0.20	0.15	0.13	0.13	0.14	0.15	0.14	0.13	0.11	0.11	0.10	0.10	--
S-19	1.06	0.96	1.17	1.70	1.52	4.71	1.99	1.61	1.59	1.70	2.13	2.31	2.80	2.32	2.04	2.24	2.14	--
S-20	0.48	0.44	0.49	0.56	0.52	0.52	0.54	0.60	0.53	0.48	0.44	0.36	0.32	0.28	0.25	0.27	0.20	--
S-21	0.01	0.01	0.01	0.02	0.03	0.03	0.05	0.08	0.04	0.06	0.04	0.08	0.19	0.10	0.23	0.18	0.43	--
No. of Sections RCA >1	12	11	12	12	12	12	12	12	12	13	13	12	11	10	9	9	10	7

Note: For description of section please refer Table A1 in Annexure A.

Table C3: Section-wise RCA of Russia in Exports

SECTION	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Section: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
S-01	0.22	0.27	0.21	0.24	0.25	0.23	0.20	0.14	0.14	0.18	0.14	0.10	0.34	0.34	0.33	0.31	0.31	--
S-02	0.26	0.26	0.12	0.20	0.21	0.50	0.48	0.25	0.36	0.42	0.65	0.37	0.53	0.30	0.51	0.53	0.40	--
S-03	0.10	0.09	0.08	0.29	0.21	0.15	0.13	0.18	0.27	0.51	0.38	0.35	0.56	0.35	0.40	0.66	0.71	--
S-04	0.17	0.11	0.12	0.15	0.17	0.18	0.20	0.20	0.22	0.26	0.25	0.22	0.25	0.19	0.19	0.26	0.29	--
S-05	9.02	9.65	8.45	5.78	6.22	6.28	6.07	5.64	4.86	4.18	4.62	3.90	4.76	4.49	3.93	5.23	5.19	S-05
S-06	0.66	0.65	0.65	0.78	0.58	0.49	0.48	0.49	0.47	0.53	0.47	0.55	0.41	0.44	0.55	0.48	0.45	--
S-07	0.37	0.33	0.35	0.32	0.32	0.29	0.27	0.26	0.23	0.26	0.24	0.23	0.26	0.26	0.29	0.26	0.28	--
S-08	0.64	0.78	0.44	0.36	0.26	0.27	0.27	0.23	0.21	0.24	0.16	0.14	0.14	0.12	0.14	0.18	0.18	--
S-09	1.95	2.20	2.62	2.25	2.41	2.65	2.57	2.41	2.40	2.79	2.76	2.22	2.49	2.23	2.37	1.83	1.87	S-09
S-10	0.70	0.84	0.82	0.79	0.79	0.74	0.65	0.61	0.53	0.59	0.49	0.44	0.48	0.46	0.49	0.43	0.45	--
S-11	0.16	0.17	0.18	0.12	0.11	0.11	0.09	0.08	0.06	0.05	0.04	0.03	0.03	0.02	0.02	0.03	0.04	--
S-12	0.13	0.10	0.07	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.03	0.04	--
S-13	0.29	0.21	0.29	0.28	0.26	0.20	0.20	0.21	0.21	0.29	0.27	0.22	0.27	0.21	0.18	0.25	0.26	--
S-14	0.00	3.34	0.00	0.00	0.73	0.47	0.40	0.45	0.43	0.88	0.57	0.18	0.18	0.30	0.31	0.00	0.86	--
S-15	3.02	3.09	3.40	2.80	2.42	2.30	2.18	2.27	1.87	1.96	1.59	1.34	1.58	1.40	1.35	1.16	1.13	S-15
S-16	0.16	0.16	0.19	0.14	0.18	0.15	0.14	0.12	0.10	0.12	0.10	0.10	0.12	0.09	0.09	0.10	0.12	--
S-17	0.11	0.27	0.17	0.24	0.17	0.34	0.33	0.27	0.15	0.15	0.12	0.12	0.10	0.09	0.08	0.04	0.14	--
S-18	0.12	0.20	0.26	0.21	0.34	0.20	0.15	0.12	0.09	0.10	0.09	0.09	0.10	0.09	0.09	0.07	0.08	--
S-19	0.00	0.35	8.99	3.97	0.34	0.35	0.38	0.28	0.24	0.24	0.22	0.20	0.19	0.12	0.22	0.00	0.65	--
S-20	0.08	0.06	0.07	0.06	0.07	0.07	0.08	0.08	0.08	0.10	0.08	0.07	0.08	0.10	0.05	0.06	0.06	--
S-21	0.01	0.01	0.01	0.03	0.01	0.05	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	--
No. of Sections RCA >1	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Note: For description of section please refer Table A1 in Annexure A.

Table C4: Section-wise RCA of India in Exports

SECTION	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Section: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
S-01	1.94	1.68	1.73	2.03	1.73	1.68	1.40	1.16	1.22	1.13	1.05	0.92	0.79	1.00	1.12	1.25	1.43	--
S-02	3.47	4.15	3.42	3.13	3.13	3.18	2.58	2.76	2.49	2.18	2.23	2.10	1.59	1.60	1.98	2.75	2.26	S-02
S-03	0.96	0.94	1.53	1.74	1.34	0.75	0.67	0.94	0.79	0.66	0.60	0.53	0.54	0.56	0.55	0.48	0.47	--
S-04	1.27	0.78	0.70	0.83	0.95	0.78	0.77	0.76	0.64	0.93	0.97	1.20	0.63	0.77	0.81	0.81	0.70	--
S-05	0.58	0.54	0.36	0.55	0.76	0.80	0.87	1.13	1.17	1.30	1.45	1.22	1.23	1.30	1.19	1.43	1.50	--
S-06	1.16	1.07	1.13	1.22	1.15	1.13	1.11	1.08	1.11	1.18	1.13	1.17	0.98	1.06	1.01	1.11	1.09	--
S-07	0.50	0.45	0.47	0.55	0.65	0.70	0.70	0.79	0.72	0.73	0.60	0.59	0.48	0.53	0.59	0.56	0.60	--
S-08	4.30	4.81	4.33	4.51	4.11	3.67	3.21	3.38	2.97	2.78	2.63	2.70	2.17	1.77	1.78	1.91	1.66	S-08
S-09	0.07	0.06	0.06	0.07	0.06	0.08	0.08	0.10	0.10	0.10	0.11	0.13	0.11	0.10	0.11	0.12	0.13	--
S-10	0.12	0.13	0.16	0.21	0.22	0.26	0.23	0.24	0.27	0.26	0.25	0.25	0.22	0.25	0.25	0.26	0.26	--
S-11	4.33	4.51	4.65	4.70	4.35	3.98	3.69	3.52	3.47	3.40	3.19	3.13	2.86	2.93	2.75	2.73	2.74	S-11
S-12	1.85	2.21	2.13	2.05	1.95	1.71	1.65	1.69	1.64	1.65	1.65	1.54	1.29	1.15	1.07	1.08	1.08	S-12
S-13	0.74	0.71	0.84	0.99	1.03	1.02	1.01	0.84	0.88	0.95	0.94	0.89	0.78	0.77	0.71	0.75	0.75	--
S-14	7.97	9.19	11.16	10.38	9.28	9.92	9.99	9.44	9.14	6.92	6.67	5.54	7.96	5.86	5.83	4.62	3.90	S-14
S-15	0.87	0.75	0.96	1.06	1.01	1.14	1.30	1.27	1.26	1.30	1.19	1.22	0.98	1.28	0.92	0.99	1.04	--
S-16	0.20	0.18	0.17	0.18	0.23	0.22	0.24	0.23	0.25	0.27	0.28	0.33	0.39	0.31	0.33	0.30	0.30	--
S-17	0.20	0.16	0.16	0.19	0.19	0.18	0.23	0.28	0.34	0.33	0.34	0.52	0.62	0.68	0.68	0.57	0.60	--
S-18	0.13	0.14	0.19	0.20	0.24	0.24	0.25	0.23	0.22	0.20	0.20	0.21	0.21	0.19	0.19	0.19	0.19	--
S-19	0.10	0.01	0.02	0.03	0.19	0.07	0.08	0.05	0.02	0.07	0.04	0.11	0.12	0.07	0.18	0.21	0.28	--
S-20	0.24	0.24	0.23	0.25	0.26	0.23	0.28	0.30	0.30	0.31	0.30	0.27	0.26	0.29	0.28	0.29	0.28	--
S-21	0.05	0.04	0.05	0.03	0.06	0.08	5.02	4.41	3.61	2.85	2.59	1.50	1.04	1.01	1.00	0.79	0.70	--
No. of Sections RCA >1	8	7	8	9	10	9	10	10	10	10	10	10	7	10	9	8	8	5

Note: For description of section please refer Table A1 in Annexure A.

Table C5: Section-wise RCA of China in Exports

SECTION	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Section: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
S-01	1.02	0.90	0.86	0.86	0.79	0.68	0.58	0.53	0.46	0.41	0.34	0.33	0.38	0.39	0.40	0.40	0.35	--
S-02	0.94	0.95	0.90	0.94	0.79	0.76	0.72	0.50	0.52	0.46	0.42	0.33	0.37	0.39	0.37	0.3	0.31	--
S-03	0.69	0.32	0.15	0.16	0.13	0.08	0.06	0.06	0.09	0.10	0.06	0.07	0.05	0.04	0.04	0.04	0.04	--
S-04	0.73	0.67	0.67	0.73	0.69	0.65	0.55	0.53	0.51	0.51	0.47	0.44	0.38	0.39	0.41	0.41	0.36	--
S-05	0.67	0.68	0.41	0.37	0.39	0.32	0.28	0.25	0.20	0.15	0.14	0.14	0.13	0.12	0.10	0.12	0.11	--
S-06	0.62	0.61	0.60	0.59	0.56	0.49	0.45	0.44	0.46	0.44	0.46	0.53	0.44	0.49	0.54	0.47	0.46	--
S-07	0.75	0.78	0.76	0.78	0.75	0.73	0.66	0.65	0.69	0.69	0.67	0.69	0.68	0.68	0.74	0.80	0.83	--
S-08	4.29	4.38	4.43	4.24	4.05	3.89	3.69	3.45	3.29	2.73	2.40	2.50	2.57	2.52	2.66	2.73	2.25	S-08
S-09	0.86	0.77	0.84	0.91	0.93	0.93	0.87	0.89	0.93	1.01	0.94	0.98	0.93	0.9	0.93	0.92	0.82	--
S-10	0.26	0.25	0.24	0.29	0.29	0.29	0.28	0.28	0.33	0.37	0.39	0.40	0.42	0.42	0.49	0.53	0.55	--
S-11	3.75	3.58	3.59	3.47	3.28	3.05	2.89	2.80	2.86	3.05	2.99	3.12	2.97	2.95	3.00	2.88	2.81	S-11
S-12	6.38	6.54	6.52	6.16	5.54	5.04	4.51	4.24	4.24	4.00	3.72	3.86	3.69	3.7	3.65	3.89	3.43	S-12
S-13	1.37	1.32	1.37	1.41	1.33	1.40	1.34	1.37	1.48	1.51	1.42	1.56	1.62	1.73	1.87	1.95	1.94	S-13
S-14	0.52	0.57	0.69	0.56	0.51	0.48	0.41	0.42	0.41	0.37	0.34	0.29	0.26	0.31	0.49	0.68	0.67	--
S-15	0.99	0.94	0.97	1.02	0.92	0.88	0.85	0.95	0.96	1.03	1.03	1.13	0.86	0.89	0.95	0.94	0.95	--
S-16	0.71	0.80	0.88	0.93	1.07	1.23	1.39	1.48	1.55	1.58	1.65	1.75	1.75	1.76	1.79	1.68	1.76	--
S-17	0.21	0.24	0.24	0.30	0.27	0.24	0.27	0.28	0.32	0.34	0.38	0.45	0.49	0.54	0.57	0.48	0.42	--
S-18	0.97	0.99	0.97	0.96	0.88	0.85	0.86	0.90	1.06	1.07	1.03	1.07	0.98	1.01	1.03	0.97	0.99	--
S-19	0.10	1.20	0.08	0.06	0.09	0.07	0.06	0.06	0.06	0.07	0.08	0.09	0.07	0.09	0.11	0.12	0.11	--
S-20	3.35	3.33	3.32	3.40	3.20	3.26	3.03	2.93	3.00	2.99	2.88	3.06	2.92	2.95	3.03	3.08	2.92	S-20
S-21	0.30	0.22	0.16	0.07	0.06	0.05	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.1	0.20	0.24	0.39	--
No. of Sections RCA >1	6	6	5	6	6	6	6	6	7	9	8	8	6	7	7	6	6	5

Note: For description of section please refer Table A1 in Annexure A.

Annexure D
Table D1: Chapter-wise RCA of BRIC in Exports

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-01	0.75	0.73	0.67	0.59	0.49	0.41	0.35	0.30	0.23	0.23	0.30	0.35	0.35	0.38	0.31	0.31	0.31	--
C-02	0.94	0.88	0.93	0.90	1.11	1.01	0.97	1.07	1.05	0.98	0.98	0.96	0.85	0.89	0.87	0.78	0.79	--
C-03	1.62	1.46	1.45	1.42	1.37	1.31	1.17	1.03	0.94	0.88	0.74	0.68	0.92	0.98	1.05	1.17	1.04	--
C-04	0.13	0.13	0.12	0.17	0.16	0.15	0.14	0.13	0.14	0.14	0.15	0.18	0.11	0.09	0.08	0.09	0.09	--
C-05	3.35	3.24	3.49	3.47	2.96	2.55	2.30	2.26	1.96	1.79	1.67	1.65	1.62	1.58	1.70	1.50	1.45	C-05
C-06	0.12	0.12	0.12	0.11	0.11	0.11	0.10	0.10	0.10	0.11	0.12	0.09	0.10	0.10	0.09	0.10	0.09	--
C-07	1.29	1.20	1.26	1.25	1.15	1.07	0.93	0.90	0.89	0.90	0.76	0.69	0.77	0.89	0.97	0.76	0.73	--
C-08	0.66	0.63	0.79	0.70	0.61	0.57	0.51	0.50	0.45	0.44	0.41	0.42	0.42	0.37	0.39	0.39	0.36	--
C-09	3.93	3.63	3.76	2.78	2.8	2.51	2.08	2.10	1.94	1.83	1.62	1.57	1.46	1.50	1.62	1.59	1.40	C-09
C-10	0.87	1.33	0.87	0.96	0.99	1.41	1.43	0.81	0.87	0.73	1.03	0.61	0.69	0.59	0.71	0.89	0.90	--
C-11	0.53	0.38	0.33	0.42	0.48	0.43	0.48	0.37	0.31	0.34	0.45	0.39	0.36	0.33	0.37	0.31	0.31	--
C-12	2.61	2.49	2.24	2.48	2.47	2.28	2.15	2.19	1.93	1.83	1.48	1.45	1.51	1.24	1.47	1.14	1.33	C-12
C-13	2.67	2.85	2.87	2.35	2.06	1.68	1.41	1.26	1.38	1.30	1.21	1.41	1.33	1.59	2.66	3.06	2.43	C-13
C-14	2.91	2.99	2.81	2.60	2.20	2.00	1.45	1.51	1.36	1.38	1.10	1.23	1.02	1.01	1.19	1.47	1.15	C-14
C-15	0.89	0.81	0.76	0.65	0.64	0.55	0.55	0.53	0.48	0.44	0.37	0.37	0.31	0.25	0.28	0.30	0.27	--
C-16	2.03	1.87	1.91	2.08	1.97	1.89	1.72	1.75	1.73	1.83	1.61	1.45	1.19	1.22	1.29	1.28	1.10	C-16
C-17	2.06	2.30	2.43	1.61	2.34	2.04	1.72	1.53	1.63	2.07	1.71	1.71	1.83	2.11	2.12	1.68	1.47	C-17
C-18	0.38	0.39	0.34	0.35	0.28	0.30	0.27	0.25	0.26	0.24	0.20	0.19	0.15	0.15	0.15	0.19	0.17	--
C-19	0.31	0.30	0.35	0.40	0.39	0.35	0.32	0.32	0.31	0.31	0.28	0.27	0.23	0.22	0.24	0.24	0.21	--
C-20	1.69	1.82	1.79	1.71	1.56	1.52	1.38	1.21	1.15	1.20	1.26	1.11	0.97	0.97	1.04	1.00	0.89	--
C-21	0.82	0.77	0.78	0.90	0.76	0.58	0.52	0.48	0.46	0.47	0.45	0.44	0.41	0.41	0.41	0.41	0.38	--
C-22	0.32	0.26	0.26	0.26	0.28	0.25	0.20	0.24	0.24	0.35	0.24	0.29	0.22	0.18	0.19	0.23	0.19	--
C-23	2.54	1.79	1.76	1.70	1.71	1.58	1.46	1.55	1.19	1.06	1.03	1.15	1.05	0.97	0.99	0.92	0.85	--
C-24	1.55	1.50	1.09	0.87	0.95	0.95	0.92	0.91	0.90	0.86	0.87	0.92	0.99	0.88	0.79	0.81	0.78	--
C-25	2.01	1.93	1.90	1.98	1.84	1.56	1.47	1.29	1.32	1.35	1.14	1.15	0.94	0.94	0.99	0.98	0.93	--
C-26	2.57	2.89	2.62	2.36	2.05	2.06	1.82	1.78	1.71	1.32	1.19	1.35	1.20	1.27	1.24	0.87	0.84	--
C-27	2.56	2.57	1.94	1.53	1.60	1.49	1.39	1.32	1.18	0.94	1.11	1.01	1.02	0.99	0.84	1.22	1.15	--
C-28	1.60	1.62	1.62	1.94	1.48	1.40	1.34	1.32	1.34	1.27	1.15	1.16	1.04	1.13	1.27	1.05	1.03	C-28
C-29	0.78	0.74	0.77	0.75	0.71	0.69	0.65	0.61	0.63	0.69	0.69	0.81	0.76	0.76	0.78	0.71	0.74	--
C-30	0.33	0.30	0.29	0.26	0.22	0.18	0.16	0.14	0.14	0.14	0.14	0.16	0.15	0.17	0.20	0.20	0.20	--

(Contd.)

Table D1: ***(Contd.)***

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-31	1.89	1.73	1.80	2.23	2.18	1.81	1.83	1.97	1.67	1.64	1.82	1.48	1.33	1.44	1.51	1.49	1.30	C-31
C-32	0.74	0.73	0.77	0.74	0.73	0.67	0.59	0.55	0.57	0.59	0.57	0.56	0.52	0.55	0.59	0.53	0.55	--
C-33	0.29	0.29	0.30	0.33	0.31	0.31	0.30	0.28	0.29	0.31	0.29	0.28	0.29	0.30	0.31	0.30	0.29	--
C-34	0.33	0.41	0.43	0.45	0.42	0.40	0.38	0.39	0.39	0.40	0.40	0.41	0.37	0.38	0.40	0.42	0.38	--
C-35	0.44	0.94	0.42	0.48	0.47	0.46	0.43	0.48	0.50	0.52	0.54	0.66	0.64	0.63	0.61	0.60	0.58	--
C-36	3.79	3.54	4.32	3.33	3.28	2.93	2.45	2.13	1.99	1.92	1.70	1.55	1.64	1.35	1.41	1.32	1.26	C-36
C-37	0.29	0.34	0.43	0.49	0.46	0.44	0.47	0.51	0.52	0.36	0.33	0.38	0.35	0.40	0.40	0.36	0.38	--
C-38	0.47	0.46	0.51	0.50	0.50	0.47	0.43	0.46	0.49	0.47	0.47	0.51	0.46	0.50	0.51	0.44	0.46	--
C-39	0.59	0.62	0.62	0.63	0.61	0.60	0.57	0.55	0.56	0.58	0.53	0.52	0.53	0.54	0.60	0.64	0.67	--
C-40	0.76	0.72	0.73	0.77	0.76	0.74	0.71	0.70	0.75	0.78	0.78	0.78	0.79	0.75	0.76	0.75	0.77	--
C-41	1.29	1.44	1.29	1.27	1.42	1.34	1.31	1.33	1.29	1.34	1.06	0.83	0.70	0.66	0.73	0.85	0.73	--
C-42	5.74	5.91	5.63	5.35	5.03	4.90	4.48	3.88	3.43	3.22	2.87	2.87	2.81	2.88	2.86	2.73	2.37	C-42
C-43	1.37	1.34	1.70	1.87	1.94	1.84	2.31	3.34	3.34	1.69	1.41	1.17	1.82	1.71	1.73	1.94	1.47	C-43
C-44	1.05	1.06	1.21	1.21	1.23	1.27	1.21	1.23	1.23	1.29	1.24	1.15	1.06	1.01	1.01	0.96	0.88	--
C-45	0.06	0.04	0.06	0.10	0.08	0.08	0.08	0.08	0.09	0.11	0.08	0.08	0.08	0.07	0.08	0.06	0.06	--
C-46	9.75	9.95	9.32	7.37	6.90	6.61	6.10	5.59	5.00	4.90	4.73	4.91	4.47	4.12	4.18	3.66	3.57	C-46
C-47	1.07	1.19	1.39	1.19	1.15	1.02	1.08	0.88	0.86	0.86	0.78	0.83	0.83	0.80	0.76	0.65	0.66	--
C-48	0.41	0.41	0.41	0.45	0.44	0.41	0.40	0.38	0.41	0.46	0.45	0.45	0.47	0.48	0.55	0.57	0.59	--
C-49	0.48	0.52	0.46	0.47	0.44	0.44	0.38	0.39	0.38	0.42	0.44	0.45	0.44	0.44	0.45	0.52	0.52	--
C-50	6.49	6.87	7.58	7.31	6.69	6.18	5.47	5.04	4.62	4.40	3.94	3.63	3.77	3.78	3.63	3.41	2.86	C-50
C-51	1.16	1.11	1.44	1.50	1.31	1.21	1.27	1.28	1.25	1.24	1.10	1.13	1.13	1.23	1.20	1.19	0.96	--
C-52	3.04	2.72	3.24	3.01	2.73	2.83	2.47	2.17	2.15	2.27	2.24	2.27	2.25	2.33	2.23	2.12	2.27	C-52
C-53	4.40	3.89	3.69	3.66	3.66	3.07	2.54	2.24	2.18	2.10	1.78	2.07	2.32	2.56	2.68	2.53	2.38	C-53
C-54	0.73	0.75	0.79	0.86	1.02	1.28	1.52	1.61	1.61	1.63	1.60	1.72	1.80	1.85	2.03	1.87	2.05	--
C-55	2.00	1.97	2.03	1.94	1.94	1.72	1.65	1.64	1.68	1.88	1.78	1.83	1.83	1.80	2.00	1.75	1.80	C-55
C-56	0.74	0.72	0.70	0.67	0.62	0.56	0.55	0.56	0.63	0.69	0.69	0.81	0.90	0.96	1.03	1.01	0.99	--
C-57	1.49	1.80	1.92	1.82	1.74	1.64	1.43	1.37	1.41	1.43	1.34	1.35	1.36	1.39	1.37	1.30	1.32	C-57
C-58	2.35	2.11	1.89	1.76	1.74	1.84	1.89	1.94	2.14	2.37	2.65	2.79	2.39	2.23	2.36	2.12	2.20	C-58
C-59	0.52	0.46	0.52	0.54	0.56	0.67	0.69	0.83	0.98	1.06	1.12	1.32	1.51	1.61	1.75	1.54	1.59	--
C-60	1.29	1.42	1.50	1.32	1.37	1.68	1.70	1.68	1.75	1.94	1.90	1.95	2.08	2.16	2.24	2.04	2.25	C-60
C-61	2.81	2.98	2.98	2.82	2.66	2.61	2.51	2.45	2.39	2.76	2.83	2.71	2.63	2.64	2.69	2.66	2.55	C-61
C-62	3.43	3.34	3.36	3.26	3.04	2.66	2.5	2.34	2.37	2.56	2.30	2.36	2.37	2.35	2.35	2.29	2.13	C-62
C-63	3.82	3.65	3.86	3.87	3.74	3.55	3.25	3.17	3.17	3.13	2.83	2.94	2.94	2.84	2.85	2.55	2.51	C-63

(Contd.)

Table D1: *(Concld.)*

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-64	3.93	4.08	4.20	4.02	3.70	3.44	3.15	2.98	2.94	2.85	2.61	2.59	2.54	2.53	2.43	2.63	2.30	C-64
C-65	3.38	3.70	3.61	3.21	3.10	3.14	3.08	2.92	3.00	3.03	2.80	2.91	2.87	2.87	2.94	2.81	2.72	C-65
C-66	8.23	9.07	9.11	8.01	7.62	6.95	6.24	5.88	5.43	5.33	4.88	4.71	4.55	4.61	4.61	3.91	3.88	C-66
C-67	9.08	9.76	9.48	8.61	8.14	7.51	6.83	6.25	5.64	5.51	5.06	4.92	4.74	4.50	4.60	3.89	3.90	C-67
C-68	1.33	1.19	1.25	1.34	1.35	1.36	1.27	1.20	1.26	1.35	1.26	1.20	1.31	1.27	1.29	1.29	1.32	C-68
C-69	1.45	1.47	1.56	1.56	1.39	1.50	1.48	1.48	1.55	1.63	1.38	1.43	1.66	1.81	1.93	2.07	1.91	C-69
C-70	0.53	0.55	0.66	0.7	0.72	0.78	0.78	0.83	0.89	0.95	0.97	1.05	1.02	1.08	1.15	1.20	1.24	--
C-71	1.18	1.95	1.67	1.38	1.38	1.36	1.23	1.16	1.13	1.00	0.88	0.70	0.99	0.83	1.00	0.92	1.00	--
C-72	1.91	1.61	1.61	1.61	1.28	1.24	1.18	1.37	1.30	1.32	1.25	1.31	0.90	0.97	1.00	0.93	0.97	--
C-73	0.96	1.01	1.12	1.17	1.18	1.16	1.15	1.16	1.17	1.24	1.22	1.29	1.21	1.19	1.20	1.20	1.12	--
C-74	1.03	1.00	1.03	0.81	0.70	0.71	0.69	0.79	0.77	0.80	0.65	0.59	0.56	0.60	0.51	0.52	0.51	--
C-75	3.01	2.9	3.00	2.66	1.90	2.61	2.42	1.99	1.80	2.09	1.64	1.31	1.59	1.55	1.18	1.08	1.05	C-75
C-76	1.71	1.76	1.79	1.72	1.48	1.32	1.25	1.23	1.09	1.12	1.05	1.09	1.03	1.00	1.02	1.03	0.98	--
C-78	1.21	1.37	2.39	2.04	2.02	1.71	1.46	1.57	1.30	1.46	0.90	0.47	0.42	0.43	0.41	0.27	0.38	--
C-79	2.16	1.67	2.09	1.88	1.78	1.47	1.20	0.79	0.59	1.07	0.78	0.57	0.53	0.56	0.54	0.34	0.32	--
C-80	2.97	3.20	3.57	3.81	2.98	1.60	1.31	1.14	0.69	0.65	0.72	0.38	0.21	0.21	0.20	0.17	0.28	--
C-81	2.75	2.62	2.96	2.59	2.45	2.02	2.25	2.43	2.08	2.04	1.97	2.00	1.61	1.66	1.61	1.32	1.33	C-81
C-82	1.26	1.42	1.71	1.76	1.45	1.34	1.36	1.33	1.34	1.30	1.23	1.12	1.16	1.18	1.22	1.14	1.19	C-82
C-83	1.02	1.05	1.10	1.05	1.07	1.13	1.07	1.12	1.17	1.30	1.25	1.21	1.27	1.30	1.36	1.38	1.35	C-83
C-84	0.39	0.45	0.49	0.52	0.61	0.74	0.92	0.97	0.99	1.03	1.05	1.07	1.14	1.15	1.13	1.07	1.03	--
C-85	0.61	0.68	0.75	0.74	0.87	0.98	1.03	1.09	1.15	1.24	1.29	1.34	1.37	1.35	1.42	1.31	1.47	--
C-86	2.02	2.35	2.26	3.13	2.62	2.42	2.61	2.45	2.41	2.21	2.25	2.00	0.88	1.74	2.06	1.63	1.49	--
C-87	0.23	0.24	0.20	0.26	0.24	0.23	0.24	0.26	0.29	0.31	0.30	0.34	0.33	0.33	0.34	0.30	0.32	--
C-88	0.17	0.30	0.34	0.61	0.50	0.57	0.50	0.50	0.30	0.23	0.26	0.31	0.31	0.31	0.31	0.24	0.31	--
C-89	0.72	1.05	0.89	0.89	0.70	0.59	0.66	0.76	0.71	0.89	1.00	1.15	1.43	1.59	1.65	1.48	1.46	--
C-90	0.43	0.49	0.53	0.54	0.55	0.53	0.54	0.58	0.70	0.74	0.72	0.73	0.69	0.71	0.74	0.69	0.7	--
C-91	1.75	1.88	1.89	1.70	1.47	1.32	1.26	1.05	0.86	0.74	0.70	0.65	0.67	0.62	0.56	0.60	0.61	--
C-92	1.13	1.39	1.62	1.44	1.49	1.60	1.62	1.67	1.60	1.59	1.56	1.66	1.52	1.55	1.51	1.34	1.33	C-92
C-93	0.23	0.88	1.86	1.08	0.33	0.64	0.32	0.25	0.24	0.25	0.28	0.31	0.32	0.28	0.3	0.27	0.35	--
C-94	1.03	1.07	1.26	1.35	1.35	1.47	1.48	1.52	1.57	1.67	1.64	1.68	1.77	1.86	1.88	2.03	1.91	C-94
C-95	3.69	3.97	3.74	3.75	3.50	3.65	3.47	3.22	3.11	3.11	2.79	2.75	2.54	2.46	2.57	2.36	2.32	C-95
C-96	1.79	1.90	1.88	1.78	1.85	1.79	1.75	1.80	1.85	1.90	1.97	2.14	2.12	2.16	2.18	2.04	2.01	C-96
C-97	0.17	0.13	0.10	0.05	0.04	0.05	0.46	0.39	0.33	0.28	0.24	0.16	0.14	0.17	0.26	0.25	0.37	--
No. of chapters RCA>1	58	60	60	58	59	60	59	57	54	54	55	54	50	49	55	51	47	37

Note: For description of chapter please refer Table A2 in Annexure A.

Table D2: Chapter-wise RCA of Brazil in Exports

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-01	0.07	0.08	0.10	0.07	0.05	0.05	0.11	0.15	0.27	0.50	1.48	1.81	2.07	2.71	1.58	2.10	2.41	--
C-02	3.19	3.16	4.26	4.44	6.12	6.68	7.30	8.62	9.12	8.83	9.91	9.56	8.45	8.60	7.70	7.74	7.84	C-02
C-03	0.34	0.31	0.38	0.62	0.66	0.79	0.84	0.70	0.56	0.47	0.35	0.26	0.18	0.17	0.14	0.16	0.14	--
C-04	0.06	0.08	0.06	0.10	0.14	0.25	0.28	0.33	0.33	0.33	0.45	0.68	0.38	0.30	0.22	0.22	0.16	--
C-05	1.82	1.95	2.53	2.41	2.46	2.71	3.12	2.81	2.80	2.92	3.78	4.01	4.50	4.40	3.83	3.97	4.21	C-05
C-06	0.13	0.14	0.16	0.15	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.14	0.13	0.11	0.09	0.10	0.08	--
C-07	0.05	0.07	0.14	0.12	0.09	0.09	0.05	0.04	0.04	0.04	0.10	0.04	0.06	0.02	0.04	0.05	0.04	--
C-08	1.03	0.98	1.23	1.46	1.23	1.24	1.32	1.26	1.16	1.12	1.28	1.09	0.95	0.82	0.71	0.71	0.61	--
C-09	16.20	14.29	16.71	12.63	10.95	11.60	10.34	10.77	11.72	11.65	11.14	10.55	9.92	10.51	11.36	11.45	9.54	C-09
C-10	0.13	0.05	0.07	0.05	1.47	0.77	1.03	1.62	0.36	1.00	2.28	1.39	1.56	2.14	2.25	3.43	3.82	--
C-11	0.17	0.20	0.20	0.20	0.19	0.26	0.31	0.24	0.26	0.34	0.35	0.29	0.31	0.24	0.27	0.25	0.25	--
C-12	10.80	10.62	9.53	12.32	13.36	14.59	15.11	16.18	14.74	14.79	12.77	13.10	14.65	11.40	13.11	11.56	15.18	C-12
C-13	1.82	1.87	1.87	1.67	1.57	1.42	1.47	1.20	1.17	1.10	1.14	1.15	1.06	1.04	0.89	0.48	0.71	--
C-14	0.39	0.51	0.63	1.31	2.30	1.01	1.24	1.02	0.86	1.52	0.30	0.94	0.84	1.07	1.29	1.83	0.63	--
C-15	2.68	3.45	3.57	2.65	3.17	3.59	4.13	3.69	3.17	2.58	2.56	2.54	1.67	1.42	1.55	1.54	1.24	C-15
C-16	2.18	2.77	3.10	2.46	2.20	2.36	2.35	2.48	2.95	3.38	3.77	4.04	3.55	2.74	2.52	2.47	2.15	C-16
C-17	11.49	13.56	15.93	10.47	14.97	14.22	12.67	13.00	14.72	18.55	14.97	13.93	19.57	21.40	19.40	16.85	16.48	C-17
C-18	1.55	1.82	1.66	1.86	1.46	1.69	1.70	1.46	1.52	1.29	1.08	0.93	0.77	0.76	0.63	0.70	0.50	--
C-19	0.19	0.19	0.27	0.35	0.32	0.24	0.26	0.33	0.32	0.34	0.41	0.55	0.33	0.24	0.21	0.23	0.22	--
C-20	5.61	6.67	6.88	6.22	4.56	5.17	4.77	3.61	3.24	3.73	4.48	3.44	3.07	2.92	3.10	3.09	2.82	C-20
C-21	2.61	2.26	2.63	3.77	2.70	1.80	1.68	1.64	1.70	1.69	1.81	1.77	1.55	1.67	1.36	1.42	1.34	C-21
C-22	0.38	0.28	0.36	0.32	0.40	0.49	0.40	0.87	1.15	2.02	1.57	2.09	1.36	0.90	1.02	1.52	1.21	--
C-23	11.66	8.52	9.17	9.47	9.96	10.30	10.50	10.39	8.39	6.59	6.40	6.66	7.06	6.21	5.98	6.18	5.79	C-23
C-24	6.48	6.64	4.92	4.38	4.61	4.96	4.98	5.40	5.69	5.55	6.32	6.39	6.79	5.72	4.97	5.57	5.52	C-24
C-25	0.99	1.21	1.53	1.99	1.66	1.72	2.08	1.86	1.73	1.88	1.81	1.27	1.43	1.35	1.21	1.28	1.33	--
C-26	12.38	14.82	15.36	14.87	12.73	12.85	12.04	10.17	9.36	8.48	8.27	10.23	9.54	11.51	11.52	10.13	9.80	C-26
C-27	0.01	0.02	0.01	0.18	0.41	0.56	0.55	0.46	0.47	0.56	0.63	0.56	0.67	0.68	0.64	0.87	0.57	--
C-28	1.21	1.27	1.47	1.64	1.35	1.33	1.60	1.53	1.49	1.88	1.85	1.69	1.98	1.85	1.91	1.82	1.75	C-28
C-29	0.87	0.83	0.82	0.87	0.62	0.69	0.65	0.57	0.59	0.60	0.64	0.61	0.62	0.61	0.54	0.51	0.55	--
C-30	0.20	0.23	0.27	0.25	0.20	0.17	0.15	0.14	0.15	0.18	0.18	0.19	0.20	0.21	0.21	0.21	0.21	--
C-31	0.40	0.34	0.29	0.48	0.47	0.58	0.67	0.71	0.58	0.54	0.60	0.47	0.46	0.41	0.37	0.34	0.46	--
C-32	0.66	0.70	0.64	0.64	0.57	0.43	0.44	0.44	0.44	0.49	0.47	0.47	0.43	0.42	0.40	0.41	0.35	--
C-33	0.44	0.38	0.41	0.51	0.50	0.57	0.57	0.51	0.53	0.58	0.56	0.55	0.54	0.55	0.54	0.49	0.42	--

(Contd.)

Table D2: *(Contd.)*

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-34	0.45	0.61	0.56	0.57	0.42	0.37	0.39	0.41	0.47	0.48	0.48	0.47	0.45	0.47	0.41	0.43	0.38	--
C-35	1.11	1.03	1.09	1.22	1.13	1.28	1.14	1.10	1.04	1.11	1.02	0.97	1.18	0.99	0.97	1.13	1.20	--
C-36	1.23	1.02	0.89	0.91	0.90	0.93	1.08	1.00	0.93	0.81	0.60	0.55	0.53	0.50	0.56	0.67	0.64	--
C-37	1.09	1.16	1.36	1.13	0.94	0.67	0.62	0.65	0.59	0.49	0.49	0.38	0.34	0.30	0.20	0.20	0.25	--
C-38	0.66	0.69	0.64	0.62	0.58	0.63	0.54	0.51	0.47	0.47	0.50	0.45	0.42	0.43	0.40	0.40	0.37	--
C-39	0.50	0.45	0.46	0.56	0.46	0.43	0.49	0.47	0.51	0.57	0.55	0.45	0.56	0.48	0.48	0.45	0.44	--
C-40	1.39	1.35	1.45	1.50	1.30	1.29	1.29	1.09	1.15	1.13	1.20	1.08	1.01	0.87	0.74	0.76	0.69	--
C-41	3.64	3.85	4.17	4.26	4.19	3.92	4.70	4.84	4.94	5.97	6.27	5.43	4.63	4.37	4.52	5.95	5.53	C-41
C-42	0.31	0.36	0.40	0.33	0.34	0.51	0.45	0.44	0.39	0.34	0.25	0.23	0.21	0.14	0.09	0.08	0.06	--
C-43	0.37	0.25	0.25	0.33	0.20	0.20	0.20	0.21	0.23	0.37	0.58	0.42	0.36	0.28	0.26	0.27	0.2	--
C-44	1.72	1.80	2.30	2.39	2.32	2.64	2.64	2.87	2.51	2.38	2.05	1.82	1.41	1.28	1.06	1.10	1.09	C-44
C-45	0.14	0.07	0.06	0.07	0.05	0.09	0.09	0.07	0.08	0.09	0.09	0.09	0.09	0.08	0.10	0.10	0.08	--
C-46	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	--
C-47	5.12	5.79	7.70	6.97	6.35	6.08	7.55	6.03	6.37	6.78	6.62	7.23	7.94	7.47	6.51	6.50	7.43	C-47
C-48	0.96	0.93	1.00	1.00	0.93	0.87	0.90	0.80	0.83	0.85	0.84	0.83	0.83	0.83	0.76	0.75	0.74	--
C-49	0.12	0.13	0.14	0.13	0.11	0.12	0.13	0.14	0.14	0.15	0.13	0.10	0.08	0.07	0.08	0.10	0.06	--
C-50	2.77	2.94	2.80	2.41	1.95	1.93	1.44	1.18	0.90	1.08	0.95	0.77	0.76	0.78	0.67	0.73	0.79	--
C-51	0.28	0.25	0.22	0.21	0.22	0.20	0.22	0.14	0.14	0.16	0.17	0.17	0.21	0.20	0.17	0.20	0.21	--
C-52	0.81	0.79	0.82	0.99	1.40	1.09	1.39	1.59	1.57	1.25	1.49	1.54	1.66	1.32	1.79	2.42	1.32	--
C-53	1.43	1.12	0.90	0.96	0.73	0.89	1.07	1.03	1.17	1.30	1.24	1.39	1.11	0.96	0.95	1.06	0.86	--
C-54	0.26	0.24	0.23	0.23	0.21	0.26	0.30	0.27	0.30	0.25	0.20	0.21	0.20	0.16	0.13	0.14	0.14	--
C-55	0.24	0.24	0.31	0.30	0.22	0.25	0.44	0.43	0.40	0.45	0.49	0.41	0.31	0.37	0.22	0.21	0.28	--
C-56	1.40	1.16	1.22	1.10	0.75	0.55	0.64	0.74	0.80	0.96	0.95	1.04	0.97	0.92	0.85	0.82	0.72	--
C-57	0.21	0.27	0.24	0.26	0.28	0.22	0.22	0.17	0.16	0.14	0.14	0.12	0.10	0.11	0.09	0.08	0.08	--
C-58	0.81	0.51	0.37	0.27	0.27	0.21	0.26	0.30	0.26	0.47	0.66	0.39	0.26	0.27	0.30	0.31	0.33	--
C-59	0.33	0.36	0.39	0.32	0.28	0.26	0.34	0.39	0.44	0.44	0.41	0.37	0.38	0.40	0.39	0.41	0.36	--
C-60	0.21	0.23	0.23	0.24	0.21	0.21	0.25	0.28	0.25	0.27	0.24	0.23	0.13	0.15	0.12	0.12	0.13	--
C-61	0.15	0.15	0.17	0.27	0.23	0.15	0.18	0.17	0.14	0.10	0.08	0.07	0.05	0.04	0.04	0.03	0.03	--
C-62	0.11	0.09	0.08	0.10	0.12	0.10	0.10	0.10	0.09	0.07	0.05	0.04	0.04	0.03	0.03	0.03	0.03	--
C-63	1.63	1.52	1.60	1.68	1.53	1.56	1.29	1.16	1.01	0.77	0.74	0.55	0.40	0.31	0.14	0.10	0.08	--
C-64	3.84	3.58	3.82	4.32	3.97	3.51	3.19	3.07	2.71	2.41	2.17	1.81	1.44	1.26	0.91	0.87	0.74	--
C-65	0.17	0.13	0.11	0.10	0.10	0.08	0.10	0.08	0.09	0.09	0.12	0.08	0.05	0.06	0.04	0.05	0.04	--
C-66	0.03	0.03	0.04	0.03	0.01	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	--
C-67	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0	--

(Contd.)

Table D2: *(Concld.)*

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-68	1.70	1.76	1.87	2.17	1.99	2.31	2.14	2.33	2.45	2.73	2.47	1.88	1.87	1.90	1.55	1.69	1.77	C-68
C-69	1.17	1.18	1.32	1.40	1.27	1.40	1.45	1.55	1.52	1.48	1.24	0.96	0.80	0.67	0.58	0.58	0.51	--
C-70	0.56	0.55	0.69	0.68	0.58	0.59	0.65	0.54	0.50	0.45	0.48	0.38	0.34	0.33	0.27	0.24	0.25	--
C-71	0.69	0.53	0.59	0.58	0.53	0.55	0.44	0.41	0.38	0.42	0.40	0.39	0.48	0.44	0.40	0.42	0.4	--
C-72	2.82	2.87	3.11	3.08	2.49	2.79	2.80	2.37	2.50	2.20	1.84	1.88	1.84	1.52	1.66	1.64	1.46	C-72
C-73	0.79	0.72	0.70	0.72	0.73	0.78	0.62	0.63	0.60	0.59	0.50	0.55	0.59	0.43	0.38	0.41	0.4	--
C-74	0.46	0.26	0.44	0.37	0.33	0.50	0.37	0.40	0.46	0.60	0.58	0.53	0.43	0.30	0.34	0.29	0.45	--
C-75	0.53	0.77	1.72	1.74	1.26	1.18	1.25	1.25	1.13	1.00	1.09	0.91	0.92	1.11	1.25	1.18	1.14	--
C-76	2.24	1.91	2.37	2.54	1.85	1.94	1.93	1.81	1.54	1.70	1.57	1.29	1.15	0.86	0.68	0.68	0.56	--
C-78	0.03	0.05	0.05	0.03	0.03	0.02	0.02	0.03	0.02	0.01	0.05	0.02	0.01	0.01	0.02	0.03	0.02	--
C-79	0.55	0.31	0.58	0.51	0.43	0.97	0.99	0.83	1.02	1.03	0.67	0.57	0.80	0.75	0.79	0.57	0.30	--
C-80	3.65	2.11	2.01	2.02	1.77	1.54	0.98	1.28	1.02	0.92	1.30	1.29	0.87	0.37	0.82	1.22	0.96	--
C-81	0.41	0.44	0.54	0.58	0.57	0.40	0.45	0.66	0.55	0.46	0.54	0.45	0.49	0.61	0.64	0.86	0.59	--
C-82	1.03	0.98	0.88	0.80	0.76	0.68	0.79	0.76	0.85	0.76	0.80	0.72	0.72	0.64	0.62	0.57	1.07	--
C-83	0.42	0.34	0.32	0.43	0.51	0.45	0.53	0.36	0.40	0.46	0.44	0.50	1.20	1.25	1.00	1.23	0.44	--
C-84	0.54	0.53	0.53	0.51	0.48	0.48	0.53	0.56	0.60	0.59	0.53	0.50	0.42	0.44	0.47	0.47	0.17	--
C-85	0.25	0.25	0.27	0.34	0.39	0.38	0.32	0.26	0.35	0.35	0.30	0.31	0.27	0.20	0.18	0.17	0.31	--
C-86	0.16	0.24	0.24	0.33	0.39	0.34	0.28	0.25	0.93	0.77	0.76	0.49	0.66	1.21	0.49	0.14	0.69	--
C-87	0.85	0.90	0.70	0.84	0.77	0.72	0.81	0.88	1.04	1.00	0.90	0.91	0.75	0.78	0.71	0.61	1.56	--
C-88	0.77	1.09	1.80	3.78	3.22	2.56	1.81	2.46	2.12	1.76	2.26	2.31	2.49	2.24	1.85	1.93	3.84	--
C-89	0.49	0.30	0.03	0.02	0.08	0.02	0.02	1.78	0.23	0.03	0.56	0.82	0.06	0.07	0.41	0.65	0.11	--
C-90	0.17	0.22	0.28	0.26	0.25	0.22	0.15	0.14	0.14	0.15	0.16	0.15	0.14	0.12	0.12	0.11	0.00	--
C-91	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	--
C-92	0.07	0.06	0.13	0.19	0.13	0.10	0.12	0.14	0.15	0.16	0.13	0.10	0.09	0.04	0.05	0.04	2.14	--
C-93	1.06	0.96	1.17	1.70	1.52	4.71	1.99	1.61	1.59	1.70	2.13	2.31	2.80	2.32	2.04	2.24	0.24	--
C-94	0.61	0.53	0.63	0.73	0.66	0.69	0.71	0.79	0.72	0.63	0.58	0.49	0.43	0.37	0.31	0.35	0.02	--
C-95	0.07	0.07	0.08	0.10	0.08	0.07	0.07	0.08	0.07	0.06	0.04	0.04	0.04	0.04	0.03	0.02	0.35	--
C-96	0.77	0.86	0.71	0.77	0.79	0.71	0.63	0.61	0.54	0.57	0.59	0.48	0.46	0.41	0.40	0.39	0.43	--
C-97	0.01	0.01	0.01	0.02	0.03	0.03	0.05	0.08	0.04	0.06	0.04	0.08	0.19	0.10	0.23	0.18	0.96	--
No. of chapters RCA>1	35	34	36	36	36	35	37	39	37	37	36	33	32	30	28	31	29	18

Note: For description of chapter please refer Table A2 Annexure A.

Table D3: Chapter-wise RCA of Russia in Exports

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-01	0.01	0.03	0.02	0.03	0.02	0.03	0.04	0.03	0.01	0.01	0.01	0.01	0.03	0.01	0.01	0.02	0.02	--
C-02	0.04	0.03	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	--
C-03	0.57	0.85	0.62	0.50	0.66	0.57	0.49	0.30	0.33	0.38	0.29	0.21	1.32	1.00	1.03	1.06	0.94	--
C-04	0.10	0.12	0.07	0.19	0.19	0.12	0.12	0.12	0.12	0.16	0.17	0.14	0.17	0.09	0.06	0.12	0.11	--
C-05	0.05	0.06	0.12	0.17	0.25	0.13	0.14	0.12	0.13	0.18	0.14	0.12	0.13	0.11	0.18	0.16	0.24	--
C-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	--
C-07	0.03	0.05	0.04	0.05	0.07	0.07	0.08	0.08	0.07	0.08	0.06	0.05	0.12	0.05	0.15	0.20	0.12	--
C-08	0.05	0.08	0.07	0.07	0.10	0.07	0.11	0.10	0.06	0.09	0.05	0.03	0.04	0.01	0.02	0.04	0.03	--
C-09	0.14	0.05	0.04	0.03	0.04	0.03	0.05	0.09	0.10	0.12	0.12	0.11	0.14	0.09	0.08	0.12	0.14	--
C-10	0.29	0.32	0.13	0.16	0.53	1.70	1.52	0.69	1.11	1.39	2.73	1.29	1.73	0.95	1.80	1.59	1.19	--
C-11	0.21	0.23	0.30	0.44	0.53	0.26	0.50	0.26	0.27	0.40	0.66	0.66	0.62	0.21	0.82	0.29	0.28	--
C-12	0.80	0.86	0.27	0.60	0.19	0.08	0.20	0.08	0.11	0.12	0.09	0.07	0.10	0.05	0.10	0.13	0.1	--
C-13	0.00	0.01	0.01	0.02	0.01	0.00	0.02	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02	--
C-14	0.00	0.01	0.00	0.01	0.03	0.01	0.01	0.00	0.03	0.31	0.39	0.36	0.50	0.29	0.34	0.64	0.49	--
C-15	0.13	0.09	0.07	0.20	0.21	0.17	0.14	0.18	0.24	0.47	0.44	0.44	0.53	0.35	0.44	0.66	0.68	--
C-16	0.27	0.22	0.26	0.26	0.33	0.21	0.14	0.14	0.19	0.20	0.17	0.17	0.19	0.10	0.08	0.13	0.13	--
C-17	0.30	0.22	0.27	0.26	0.32	0.29	0.20	0.19	0.16	0.22	0.23	0.14	0.23	0.11	0.15	0.18	0.17	--
C-18	0.29	0.26	0.22	0.28	0.42	0.37	0.40	0.33	0.36	0.42	0.42	0.36	0.47	0.26	0.29	0.50	0.5	--
C-19	0.05	0.09	0.13	0.13	0.17	0.17	0.22	0.24	0.23	0.29	0.32	0.29	0.33	0.17	0.16	0.25	0.28	--
C-20	0.05	0.04	0.04	0.03	0.04	0.04	0.05	0.06	0.08	0.09	0.08	0.06	0.09	0.05	0.04	0.10	0.12	--
C-21	0.19	0.13	0.10	0.15	0.24	0.22	0.29	0.30	0.32	0.35	0.36	0.33	0.44	0.23	0.21	0.28	0.3	--
C-22	0.28	0.12	0.10	0.09	0.14	0.17	0.17	0.12	0.14	0.20	0.19	0.16	0.20	0.13	0.14	0.17	0.16	--
C-23	0.06	0.07	0.06	0.08	0.11	0.07	0.12	0.18	0.13	0.18	0.24	0.19	0.27	0.19	0.25	0.36	0.39	--
C-24	0.03	0.01	0.01	0.05	0.14	0.20	0.27	0.24	0.36	0.40	0.40	0.43	0.76	0.35	0.42	0.56	0.57	--
C-25	1.36	1.70	1.61	1.18	1.19	1.18	1.14	1.02	0.94	1.00	0.90	1.99	1.02	0.92	1.28	1.39	1.1	--
C-26	1.79	1.48	0.89	1.02	0.73	0.64	0.66	0.90	0.89	0.60	0.56	0.58	0.45	0.62	0.73	0.00	0.47	--
C-27	13.06	8.24	12.98	10.80	6.17	6.55	6.83	6.32	6.53	4.75	4.80	5.35	4.04	5.36	5.09	5.87	5.54	C-27
C-28	1.76	1.79	1.67	3.51	1.60	1.19	1.36	1.38	1.30	1.47	1.18	1.18	1.01	1.25	1.53	1.31	1.45	C-28
C-29	0.51	0.41	0.49	0.53	0.50	0.47	0.46	0.48	0.42	0.47	0.43	0.34	0.34	0.34	0.42	0.33	0.34	--
C-30	0.06	0.07	0.06	0.05	0.06	0.06	0.06	0.04	0.03	0.04	0.03	0.03	0.04	0.03	0.03	0.04	0.04	--
C-31	7.59	7.93	7.69	6.20	9.25	7.86	7.49	7.48	7.26	6.73	7.58	9.37	4.18	5.77	6.45	5.52	4.8	C-31
C-32	0.12	0.17	0.30	0.18	0.17	0.11	0.16	0.09	0.08	0.09	0.09	0.07	0.10	0.09	0.08	0.09	0.08	--
C-33	0.07	0.05	0.09	0.13	0.11	0.12	0.12	0.11	0.11	0.14	0.14	0.12	0.18	0.12	0.11	0.15	0.16	--
C-34	0.13	0.19	0.21	0.25	0.35	0.32	0.35	0.37	0.37	0.46	0.43	0.39	0.43	0.26	0.20	0.27	0.27	--

(Contd.)

Table D3: *(Contd.)*

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-35	0.56	2.25	0.41	0.47	0.38	0.25	0.19	0.17	0.10	0.09	0.06	0.04	0.05	0.03	0.02	0.03	0.04	--
C-36	4.61	2.77	3.21	2.14	2.63	2.08	1.90	1.41	0.92	1.65	0.93	0.86	1.24	0.64	0.68	1.01	0.93	--
C-37	0.03	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.04	0.02	0.02	0.01	0.01	0.01	0.01	--
C-38	0.17	0.17	0.21	0.18	0.19	0.20	0.19	0.15	0.14	0.19	0.13	0.10	0.11	0.09	0.08	0.10	0.11	--
C-39	0.19	0.19	0.25	0.22	0.21	0.17	0.14	0.13	0.10	0.11	0.12	0.10	0.15	0.12	0.12	0.13	0.15	--
C-40	0.86	0.78	0.64	0.56	0.70	0.72	0.74	0.69	0.65	0.77	0.64	0.60	0.64	0.72	0.79	0.59	0.58	--
C-41	1.13	1.35	0.65	0.65	0.44	0.39	0.39	0.31	0.25	0.30	0.24	0.19	0.26	0.30	0.25	0.32	0.24	--
C-42	0.02	0.02	0.12	0.08	0.07	0.04	0.07	0.07	0.07	0.06	0.05	0.03	0.03	0.02	0.02	0.01	0.02	--
C-43	0.51	0.50	0.50	0.62	0.65	0.69	0.73	0.59	0.52	0.70	0.36	0.47	0.49	0.36	0.47	0.90	0.78	--
C-44	2.17	2.08	2.80	2.07	2.41	2.72	2.55	2.50	2.27	2.69	2.72	1.86	2.56	2.17	2.26	1.90	1.84	C-44
C-45	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	--
C-46	0.00	0.01	0.02	0.01	0.01	0.01	0.02	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
C-47	1.33	1.43	1.65	1.87	1.39	1.68	1.60	1.31	1.13	1.30	1.18	0.92	0.92	1.14	1.03	0.81	0.74	--
C-48	0.41	0.59	0.58	0.53	0.60	0.52	0.46	0.43	0.38	0.42	0.37	0.32	0.46	0.32	0.35	0.37	0.37	--
C-49	1.08	1.46	0.99	0.77	0.83	0.72	0.55	0.48	0.37	0.41	0.38	0.27	0.39	0.23	0.22	0.22	0.34	--
C-50	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
C-51	0.30	0.22	0.13	0.13	0.11	0.16	0.14	0.08	0.05	0.06	0.07	0.04	0.05	0.05	0.05	0.06	0.07	--
C-52	0.29	0.31	0.26	0.29	0.32	0.28	0.25	0.18	0.12	0.12	0.08	0.05	0.05	0.04	0.03	0.03	0.03	--
C-53	0.62	1.24	2.01	1.45	1.37	1.61	1.50	1.22	0.84	0.82	0.43	0.19	0.34	0.23	0.21	0.23	0.16	--
C-54	0.19	0.18	0.17	0.13	0.10	0.09	0.08	0.07	0.05	0.05	0.04	0.02	0.02	0.03	0.04	0.03	0.03	--
C-55	0.22	0.21	0.14	0.14	0.13	0.14	0.15	0.15	0.09	0.11	0.08	0.03	0.05	0.03	0.02	0.04	0.05	--
C-56	0.11	0.10	0.07	0.08	0.09	0.11	0.14	0.11	0.09	0.11	0.10	0.10	0.19	0.13	0.12	0.15	0.14	--
C-57	0.04	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	--
C-58	0.04	0.03	0.22	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	--
C-59	0.18	0.22	0.17	0.21	0.16	0.29	0.12	0.12	0.11	0.11	0.11	0.08	0.11	0.07	0.06	0.08	0.07	--
C-60	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	--
C-61	0.04	0.04	0.12	0.05	0.04	0.05	0.04	0.02	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.02	--
C-62	0.17	0.21	0.20	0.10	0.11	0.09	0.06	0.04	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	--
C-63	0.14	0.14	0.14	0.11	0.14	0.14	0.10	0.08	0.06	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.04	--
C-64	0.13	0.11	0.07	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.03	0.04	--
C-65	0.09	0.05	0.09	0.05	0.18	0.14	0.12	0.06	0.08	0.04	0.03	0.02	0.04	0.02	0.02	0.04	0.07	--
C-66	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	--
C-67	0.01	0.02	0.02	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
C-68	0.47	0.29	0.24	0.25	0.30	0.29	0.30	0.34	0.33	0.42	0.38	0.28	0.34	0.25	0.26	0.34	0.31	--

(Contd.)

Table D3: *(Concld.)*

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-69	0.20	0.17	0.29	0.26	0.20	0.18	0.19	0.17	0.17	0.22	0.21	0.15	0.22	0.18	0.12	0.21	0.15	--
C-70	0.18	0.21	0.31	0.25	0.28	0.16	0.15	0.15	0.13	0.23	0.22	0.19	0.27	0.19	0.15	0.23	0.27	--
C-71	0.00	3.52	0.00	0.00	0.70	0.47	0.39	0.43	0.42	0.93	0.58	0.18	0.23	0.31	0.36	0.00	0.81	--
C-72	4.27	3.81	3.45	3.44	3.11	3.43	3.43	4.28	2.74	2.62	2.21	2.01	1.53	2.23	2.00	1.68	1.62	C-72
C-73	0.38	0.51	0.42	0.39	0.62	0.51	0.56	0.57	0.53	0.53	0.41	0.36	0.55	0.26	0.30	0.33	0.35	--
C-74	3.92	2.90	3.11	2.24	1.79	1.62	1.62	2.30	1.60	2.43	1.21	0.84	1.33	1.53	1.14	1.15	0.99	--
C-75	14.97	11.10	14.76	13.42	7.28	13.55	12.20	12.87	7.84	13.80	11.26	3.55	6.60	9.42	5.84	4.73	4.42	
C-76	5.40	6.01	6.20	5.09	4.63	3.50	3.06	2.74	2.26	2.75	2.04	1.63	1.90	1.95	1.86	1.61	1.47	C-76
C-78	0.30	0.25	0.96	0.51	0.19	0.10	0.07	0.38	0.17	0.69	1.32	0.64	1.17	1.13	1.10	0.91	0.83	--
C-79	1.75	1.72	1.95	1.16	1.11	1.08	0.55	0.52	0.35	1.16	0.58	0.26	0.50	0.57	0.38	0.26	0.10	--
C-80	2.55	0.57	0.24	0.40	0.35	0.38	0.11	0.20	0.11	0.05	0.12	0.06	0.05	0.06	0.04	0.06	0.09	--
C-81	8.80	6.71	6.80	4.63	5.15	3.21	3.67	4.30	2.71	3.27	2.85	2.09	1.97	2.44	1.99	1.68	1.59	C-81
C-82	0.19	0.59	2.38	2.07	0.99	0.27	0.22	0.20	0.18	0.19	0.18	0.15	0.16	0.12	0.15	0.20	0.13	--
C-83	0.12	0.13	0.24	0.18	0.14	0.10	0.10	0.08	0.10	0.15	0.12	0.09	0.09	0.07	0.04	0.07	0.09	--
C-84	0.18	0.21	0.24	0.20	0.25	0.20	0.19	0.16	0.13	0.15	0.13	0.12	0.16	0.12	0.10	0.12	0.14	--
C-85	0.15	0.11	0.15	0.09	0.10	0.09	0.08	0.08	0.06	0.08	0.06	0.06	0.09	0.06	0.07	0.07	0.08	--
C-86	1.68	1.88	1.01	0.84	0.94	1.02	1.57	1.17	0.81	1.00	0.88	0.90	0.62	0.63	0.58	1.03	0.65	--
C-87	0.10	0.10	0.08	0.11	0.10	0.15	0.12	0.11	0.09	0.11	0.10	0.08	0.07	0.05	0.05	0.00	0.08	--
C-88	0.00	0.47	0.07	0.21	0.22	1.18	1.25	1.03	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	--
C-89	0.00	2.04	1.32	1.36	0.83	0.59	0.37	0.38	0.34	0.63	0.37	0.37	0.23	0.34	0.17	0.16	0.37	--
C-90	0.13	0.22	0.30	0.22	0.37	0.20	0.17	0.13	0.10	0.10	0.09	0.09	0.13	0.10	0.09	0.08	0.09	--
C-91	0.03	0.03	0.04	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.00	0.01	0.00	0.01	--
C-92	0.02	0.02	0.04	0.02	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	--
C-93	0.00	0.38	8.04	2.82	0.32	0.35	0.32	0.27	0.21	0.23	0.22	0.19	0.26	0.10	0.17	0.00	0.62	--
C-94	0.10	0.10	0.09	0.08	0.11	0.09	0.11	0.11	0.10	0.13	0.12	0.09	0.11	0.08	0.05	0.07	0.06	--
C-95	0.04	0.02	0.04	0.02	0.02	0.02	0.02	0.02	0.03	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.04	--
C-96	0.02	0.02	0.02	0.01	0.02	0.03	0.07	0.02	0.03	0.02	0.02	0.01	0.08	0.33	0.01	0.03	0.03	--
C-97	0.01	0.01	0.01	0.03	0.01	0.05	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	--
No. of chapters RCA>1	18	21	18	18	14	17	16	15	11	15	12	10	14	12	14	14	10	8

Note: For description of chapter please refer Table A2 in Annexure A.

Table D4: Chapter-wise RCA of India in Exports

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-01	0.01	0.02	0.02	0.02	0.03	0.01	0.05	0.06	0.04	0.06	0.05	0.05	0.07	0.04	0.04	0.02	0.03	--
C-02	0.80	0.72	0.67	0.97	0.88	0.85	0.76	0.83	0.87	0.94	0.94	1.00	0.89	1.17	1.32	1.47	1.81	--
C-03	5.60	4.77	4.55	4.86	4.02	3.86	3.22	2.45	2.48	2.22	2.06	1.55	1.36	1.72	1.98	2.37	2.37	C-03
C-04	0.15	0.11	0.13	0.17	0.32	0.28	0.29	0.33	0.51	0.37	0.38	0.48	0.20	0.21	0.15	0.22	0.38	--
C-05	2.07	1.67	1.72	1.73	1.63	1.52	1.03	0.94	0.77	0.71	0.75	0.47	0.53	0.66	1.25	0.72	0.64	--
C-06	0.43	0.44	0.42	0.40	0.45	0.45	0.43	0.48	0.47	0.53	0.72	0.35	0.26	0.22	0.20	0.24	0.17	--
C-07	1.60	1.16	1.46	1.80	1.42	1.33	1.28	1.35	1.59	1.50	1.28	1.17	1.12	1.09	0.97	0.85	1.05	--
C-08	2.58	2.55	3.56	3.12	2.55	2.34	1.69	1.84	1.74	1.54	1.32	1.38	1.07	0.94	1.00	0.95	0.88	--
C-09	9.78	10.13	9.03	7.70	9.06	7.18	6.04	5.78	4.63	4.73	4.65	4.54	3.36	3.56	3.54	4.23	3.69	C-09
C-10	3.37	6.40	3.05	2.68	3.48	5.28	4.24	4.54	4.14	2.94	3.35	3.05	2.53	2.20	2.61	3.78	4.20	C-10
C-11	0.34	0.23	0.16	0.53	1.15	1.42	1.64	1.06	0.39	0.35	0.38	0.31	0.27	0.35	0.44	0.69	0.85	--
C-12	2.24	1.51	1.95	2.20	2.05	1.38	1.39	1.75	1.30	1.40	1.54	1.25	0.78	1.01	1.28	0.98	0.81	--
C-13	19.36	22.04	21.19	18.81	15.37	12.18	11.30	11.10	11.87	10.48	9.27	8.50	5.39	8.19	17.77	28.03	17.16	C-13
C-14	6.19	7.64	7.04	7.05	6.12	5.64	3.86	5.81	5.21	4.51	4.52	4.76	3.52	4.87	4.17	5.29	4.27	C-14
C-15	0.96	0.94	1.53	1.74	1.34	0.75	0.67	0.94	0.79	0.66	0.60	0.53	0.54	0.56	0.55	0.48	0.47	--
C-16	0.03	0.03	0.09	0.05	0.04	0.14	0.42	0.55	0.59	0.66	0.51	0.53	0.38	0.49	0.22	0.11	0.12	--
C-17	0.71	0.12	0.16	0.81	2.99	2.43	2.82	0.44	0.33	2.24	3.29	4.11	0.19	1.57	2.32	2.37	1.14	--
C-18	0.03	0.03	0.04	0.03	0.04	0.02	0.02	0.04	0.03	0.03	0.03	0.05	0.03	0.05	0.04	0.08	0.10	--
C-19	0.28	0.24	0.26	0.31	0.34	0.35	0.30	0.32	0.37	0.35	0.35	0.42	0.31	0.33	0.38	0.40	0.37	--
C-20	0.27	0.29	0.28	0.38	0.48	0.32	0.34	0.36	0.42	0.50	0.39	0.44	0.39	0.37	0.36	0.39	0.37	--
C-21	1.15	1.14	0.87	1.05	1.05	0.75	0.69	0.54	0.55	0.53	0.50	0.49	0.42	0.43	0.45	0.50	0.44	--
C-22	0.08	0.07	0.06	0.12	0.11	0.07	0.06	0.06	0.08	0.09	0.08	0.10	0.10	0.12	0.15	0.19	0.19	--
C-23	5.90	3.51	2.93	3.45	2.78	2.23	2.13	3.56	2.65	3.63	3.52	4.26	2.19	2.32	2.40	1.95	2.15	C-23
C-24	1.71	1.20	1.55	1.20	1.14	1.25	1.26	1.27	1.17	1.30	1.36	1.69	1.78	1.66	1.18	1.30	1.31	C-24
C-25	2.14	2.12	3.06	3.75	3.78	3.62	3.69	3.66	3.49	3.42	3.28	2.25	2.25	1.96	2.18	2.38	2.43	C-25
C-26	3.49	3.01	2.39	2.67	2.80	4.45	4.09	6.12	6.64	4.51	4.37	3.84	3.40	2.35	1.12	0.80	0.48	--
C-27	0.22	0.11	0.05	0.37	0.57	0.54	0.65	0.80	0.81	1.07	1.22	1.06	1.05	1.19	1.18	1.48	1.60	--
C-28	0.84	0.69	0.67	0.84	0.83	1.26	0.99	1.21	1.10	1.03	0.72	0.86	0.71	1.43	0.66	0.83	0.65	--
C-29	1.39	1.37	1.47	1.55	1.48	1.50	1.55	1.54	1.61	1.83	1.71	1.82	1.57	1.52	1.47	1.57	1.54	C-29
C-30	1.57	1.32	1.30	1.32	1.16	1.01	1.01	0.94	0.90	0.95	0.98	1.06	0.82	0.91	1.03	1.14	1.15	--
C-31	0.07	0.07	0.03	0.08	0.21	0.02	0.05	0.05	0.06	0.04	0.04	0.05	0.23	0.05	0.06	0.08	0.06	--
C-32	2.11	1.73	1.85	2.01	1.95	1.89	1.80	1.57	1.55	1.58	1.66	1.80	1.39	1.49	1.37	1.41	1.56	C-32
C-33	0.78	0.80	0.78	0.93	0.83	0.74	0.69	0.64	0.63	0.75	0.71	0.75	0.73	0.66	0.70	0.78	0.71	--
C-34	0.28	0.23	0.25	0.29	0.32	0.42	0.31	0.26	0.32	0.36	0.35	0.50	0.38	0.44	0.47	0.70	0.45	--

(Contd.)

Table D4: ***(Contd.)***

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-35	0.21	0.33	0.47	0.57	0.71	0.63	0.65	0.67	0.86	0.71	0.98	0.90	0.64	0.69	0.49	0.58	0.61	--
C-36	1.52	0.86	0.98	1.02	1.23	1.02	1.01	1.15	1.29	1.18	1.46	1.70	1.38	1.35	1.07	1.10	0.98	--
C-37	0.27	0.35	0.36	0.34	0.24	0.18	0.14	0.15	0.14	0.14	0.12	0.15	0.10	0.13	0.10	0.08	0.07	--
C-38	0.94	0.90	1.01	1.09	1.05	0.96	0.93	0.88	1.12	0.97	0.96	1.02	0.89	0.88	0.79	0.83	0.89	--
C-39	0.35	0.31	0.37	0.46	0.58	0.60	0.59	0.75	0.65	0.66	0.55	0.50	0.41	0.49	0.57	0.51	0.56	--
C-40	0.94	0.85	0.77	0.82	0.91	1.02	1.03	0.91	0.95	0.94	0.78	0.89	0.67	0.63	0.64	0.70	0.71	--
C-41	2.22	2.39	2.17	2.46	2.91	3.08	2.48	2.86	2.66	2.59	2.50	2.63	1.99	1.81	1.96	2.54	2.13	C-41
C-42	7.81	8.55	7.12	7.30	6.07	4.91	4.46	4.54	3.85	3.46	3.08	3.09	2.53	2.02	1.96	1.95	1.78	C-42
C-43	0.00	0.01	0.00	0.00	0.01	0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0	--
C-44	0.07	0.06	0.06	0.06	0.06	0.08	0.08	0.10	0.10	0.10	0.11	0.13	0.11	0.10	0.11	0.12	0.14	--
C-45	0.03	0.02	0.19	0.17	0.05	0.04	0.04	0.06	0.05	0.08	0.06	0.07	0.06	0.08	0.10	0.07	0.07	--
C-46	0.36	0.33	0.25	0.14	0.20	0.35	0.17	0.17	0.15	0.19	0.29	0.15	0.12	0.06	0.03	0.04	0.05	--
C-47	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	--
C-48	0.12	0.12	0.16	0.23	0.24	0.29	0.24	0.26	0.30	0.27	0.24	0.27	0.24	0.30	0.28	0.29	0.3	--
C-49	0.21	0.27	0.29	0.32	0.30	0.31	0.34	0.35	0.38	0.41	0.48	0.38	0.34	0.32	0.40	0.45	0.39	--
C-50	9.50	12.08	15.02	16.03	16.40	16.75	16.29	16.03	12.70	11.07	9.85	8.88	6.83	6.82	4.56	3.13	2.55	C-50
C-51	1.06	0.93	0.58	0.60	0.56	0.59	0.55	0.56	0.63	0.62	0.62	0.78	0.75	0.74	0.79	0.84	0.54	--
C-52	13.08	10.82	11.54	11.24	9.73	8.75	6.95	6.66	6.17	7.35	8.56	7.89	5.57	8.31	6.81	7.54	8.42	C-52
C-53	10.36	7.58	5.84	4.73	8.60	5.19	4.88	5.37	5.02	4.24	4.38	5.55	5.15	7.58	6.33	6.00	4.61	C-53
C-54	1.92	1.72	2.09	2.27	2.54	2.82	3.12	3.04	2.65	2.55	2.74	3.24	3.62	3.53	3.19	2.70	2.89	C-54
C-55	2.33	2.35	2.60	2.80	2.94	3.16	3.61	3.46	3.09	3.30	3.73	3.76	3.18	3.25	3.26	2.92	2.86	C-55
C-56	0.48	0.66	0.85	0.79	0.66	0.62	0.57	0.46	0.54	0.56	0.61	0.65	0.64	0.76	0.74	0.79	0.72	--
C-57	8.36	10.44	11.01	10.91	9.81	9.02	8.49	8.42	8.91	9.13	8.13	6.98	5.66	6.05	4.77	4.96	5.29	C-57
C-58	2.65	2.75	3.28	3.74	3.68	2.44	1.31	1.26	1.28	1.36	1.30	1.45	1.30	1.42	1.16	1.18	1.62	C-58
C-59	0.56	0.59	0.55	0.42	0.46	0.45	0.46	0.53	0.49	0.41	0.45	0.40	0.35	0.43	0.36	0.41	0.49	--
C-60	0.61	0.54	0.40	0.31	0.33	0.25	0.32	0.31	0.25	0.35	0.33	0.42	0.37	0.38	0.51	0.40	0.43	--
C-61	2.24	2.97	3.29	3.31	3.30	3.38	3.23	2.79	2.63	2.46	2.27	2.24	2.44	1.83	1.79	1.67	1.69	C-61
C-62	4.88	5.57	5.29	5.60	4.67	3.91	3.42	3.29	3.59	3.42	2.92	2.95	2.90	2.54	2.58	2.63	2.39	C-62
C-63	8.48	7.87	8.17	9.15	8.53	7.76	7.14	7.14	6.92	6.01	5.15	4.53	3.73	3.90	4.05	3.84	3.7	C-63
C-64	1.97	2.34	2.25	2.17	2.02	1.76	1.67	1.74	1.67	1.65	1.63	1.53	1.29	1.16	1.10	1.10	1.09	C-64
C-65	0.24	0.35	0.24	0.24	0.27	0.26	0.25	0.18	0.18	0.30	0.25	0.32	0.25	0.21	0.22	0.32	0.26	--

(Contd.)

Table D4: *(Concld.)*

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-66	0.17	0.13	0.03	0.04	0.09	0.06	0.11	0.12	0.12	0.11	0.05	0.04	0.04	0.03	0.02	0.02	0.03	--
C-67	1.62	3.06	3.06	3.53	4.16	3.71	4.77	4.56	4.72	5.42	5.47	4.95	3.77	3.05	2.23	2.13	2.28	C-67
C-68	2.04	1.88	2.11	2.60	2.29	2.28	2.32	1.87	2.07	2.21	2.11	1.81	1.73	1.69	1.34	1.45	1.38	C-68
C-69	0.26	0.30	0.31	0.35	0.61	0.56	0.50	0.40	0.38	0.39	0.43	0.43	0.40	0.49	0.46	0.54	0.52	--
C-70	0.31	0.29	0.45	0.54	0.60	0.64	0.63	0.54	0.48	0.53	0.51	0.56	0.42	0.40	0.47	0.45	0.48	--
C-71	7.97	9.19	11.16	10.38	9.28	9.92	9.99	9.44	9.14	6.92	6.67	5.54	7.96	5.86	5.83	4.62	3.9	C-71
C-72	1.19	0.86	1.24	1.37	1.08	1.45	1.76	1.57	1.49	1.46	1.25	1.30	1.06	1.16	0.95	0.97	1.27	--
C-73	1.02	1.10	1.30	1.48	1.53	1.37	1.52	1.59	1.55	1.44	1.54	1.66	1.28	1.68	1.25	1.44	1.17	C-73
C-74	0.29	0.37	0.38	0.54	0.71	1.12	1.51	1.54	1.67	1.94	1.74	1.32	0.98	2.23	0.94	0.96	0.95	--
C-75	0.09	0.08	0.07	0.04	0.09	0.04	0.07	0.05	0.09	0.08	0.06	0.08	0.06	0.08	0.07	0.62	0.91	--
C-76	0.64	0.37	0.60	0.65	0.67	0.79	0.57	0.50	0.61	0.53	0.59	0.63	0.59	0.59	0.48	0.60	0.66	--
C-78	0.24	0.07	0.07	0.07	0.16	0.08	0.15	0.31	0.50	0.39	0.59	0.55	0.97	1.20	1.34	0.83	1.40	--
C-79	0.21	0.17	0.03	0.14	0.08	0.22	0.34	0.64	0.42	3.00	1.82	2.80	2.48	3.20	2.98	2.10	1.89	--
C-80	1.19	0.66	0.93	1.00	0.94	0.77	0.84	0.29	0.29	0.77	0.29	0.39	0.25	0.10	0.05	0.05	0.59	--
C-81	0.18	0.23	0.13	0.12	0.12	0.13	0.11	0.16	0.18	0.24	0.17	0.16	0.21	0.15	0.24	0.24	0.23	--
C-82	1.01	0.99	1.08	1.14	1.13	1.06	1.11	1.12	1.21	1.19	0.92	0.90	0.70	0.74	0.81	0.75	0.72	--
C-83	0.64	0.62	0.82	0.75	0.73	0.67	0.63	0.65	0.55	0.57	0.56	0.58	0.47	0.48	0.45	0.43	0.41	--
C-84	0.21	0.18	0.17	0.19	0.24	0.23	0.26	0.27	0.29	0.31	0.31	0.35	0.33	0.30	0.31	0.31	0.32	--
C-85	0.19	0.18	0.17	0.17	0.21	0.20	0.22	0.19	0.20	0.23	0.26	0.30	0.45	0.32	0.35	0.30	0.28	--
C-86	0.18	0.09	0.06	0.11	0.35	0.12	0.13	0.13	0.11	0.23	0.18	0.16	0.11	0.11	0.18	0.16	0.23	--
C-87	0.23	0.19	0.18	0.21	0.20	0.20	0.25	0.30	0.34	0.34	0.31	0.40	0.45	0.55	0.46	0.49	0.49	--
C-88	0.07	0.02	0.04	0.07	0.09	0.10	0.08	0.05	0.05	0.03	0.18	0.63	0.57	0.72	0.86	0.54	1.06	--
C-89	0.25	0.20	0.27	0.16	0.15	0.15	0.26	0.61	0.91	0.85	1.09	1.50	1.74	1.57	2.18	1.43	1.25	--
C-90	0.11	0.13	0.17	0.18	0.21	0.23	0.23	0.22	0.21	0.20	0.20	0.21	0.22	0.20	0.20	0.19	0.20	--
C-91	0.23	0.25	0.34	0.41	0.50	0.42	0.48	0.41	0.29	0.20	0.16	0.14	0.11	0.10	0.11	0.10	0.10	--
C-92	0.35	0.39	0.30	0.27	0.24	0.21	0.19	0.21	0.20	0.17	0.16	0.15	0.18	0.15	0.14	0.20	0.13	--
C-93	0.10	0.01	0.02	0.03	0.19	0.07	0.08	0.05	0.02	0.07	0.04	0.11	0.12	0.07	0.18	0.21	0.28	--
C-94	0.05	0.05	0.07	0.10	0.10	0.11	0.16	0.23	0.23	0.26	0.29	0.25	0.24	0.27	0.27	0.27	0.25	--
C-95	0.34	0.33	0.25	0.23	0.26	0.23	0.25	0.25	0.24	0.23	0.16	0.14	0.13	0.14	0.15	0.15	0.17	--
C-96	0.93	1.00	1.11	1.16	1.20	1.03	1.13	0.93	0.92	0.90	0.83	0.80	0.79	0.80	0.75	0.80	0.79	--
C-97	0.05	0.04	0.05	0.03	0.06	0.08	5.02	4.41	3.61	2.85	2.59	1.50	1.04	1.01	1.00	0.79	0.70	--
No. of chapters RCA>1	39	35	38	41	42	42	42	38	38	40	39	42	36	41	40	34	37	27

Note: For description of chapter please refer Table A2 in Annexure A.

Table D5: Chapter-wise RCA of China in Exports

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-01	1.40	1.29	1.14	1.01	0.82	0.64	0.51	0.42	0.32	0.26	0.25	0.30	0.24	0.22	0.24	0.22	0.19	--
C-02	0.68	0.58	0.46	0.45	0.43	0.29	0.21	0.18	0.14	0.13	0.10	0.08	0.08	0.09	0.08	0.06	0.06	--
C-03	1.66	1.42	1.41	1.34	1.35	1.24	1.12	1.10	0.96	0.88	0.75	0.76	0.93	0.96	1.03	1.15	0.97	--
C-04	0.15	0.15	0.15	0.16	0.14	0.12	0.10	0.08	0.07	0.07	0.08	0.09	0.05	0.05	0.05	0.05	0.04	--
C-05	5.37	5.00	5.13	5.19	4.17	3.37	2.92	2.93	2.51	2.16	1.91	1.94	1.75	1.68	1.80	1.64	1.56	C-05
C-06	0.11	0.09	0.09	0.09	0.09	0.08	0.07	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.09	0.11	0.09	--
C-07	2.11	1.92	1.89	1.83	1.70	1.49	1.26	1.19	1.17	1.14	0.97	0.91	0.96	1.16	1.27	0.96	0.9	--
C-08	0.46	0.40	0.39	0.36	0.33	0.33	0.32	0.31	0.28	0.29	0.29	0.32	0.34	0.32	0.33	0.36	0.33	--
C-09	0.90	0.83	0.83	0.83	0.95	0.88	0.75	0.79	0.62	0.52	0.43	0.43	0.44	0.40	0.37	0.43	0.47	--
C-10	0.82	1.13	0.89	1.15	0.64	0.84	1.05	0.23	0.40	0.24	0.28	0.07	0.07	0.06	0.04	0.03	0.03	--
C-11	0.78	0.49	0.40	0.42	0.42	0.37	0.33	0.32	0.31	0.32	0.44	0.35	0.32	0.35	0.29	0.27	0.24	--
C-12	1.09	0.99	1.15	1.06	0.95	0.81	0.64	0.57	0.58	0.48	0.39	0.33	0.29	0.26	0.25	0.20	0.21	--
C-13	0.87	0.74	0.62	0.60	0.70	0.63	0.45	0.36	0.44	0.50	0.58	0.98	1.09	1.10	1.16	0.59	0.97	--
C-14	4.20	3.91	3.46	3.08	2.26	2.21	1.56	1.45	1.33	1.22	0.99	1.07	0.84	0.64	0.89	1.09	0.88	--
C-15	0.69	0.32	0.15	0.16	0.13	0.08	0.06	0.06	0.09	0.10	0.06	0.07	0.05	0.04	0.04	0.04	0.04	--
C-16	3.06	2.53	2.50	2.99	2.78	2.55	2.22	2.23	2.13	2.16	1.85	1.60	1.24	1.37	1.55	1.58	1.36	C-16
C-17	0.34	0.34	0.27	0.30	0.21	0.27	0.18	0.19	0.23	0.19	0.21	0.22	0.22	0.22	0.22	0.19	0.21	--
C-18	0.14	0.11	0.10	0.07	0.05	0.05	0.05	0.05	0.07	0.06	0.06	0.06	0.04	0.05	0.06	0.07	0.07	--
C-19	0.46	0.42	0.45	0.52	0.50	0.42	0.35	0.33	0.31	0.30	0.25	0.22	0.21	0.21	0.23	0.21	0.17	--
C-20	1.50	1.39	1.40	1.57	1.58	1.46	1.32	1.25	1.23	1.20	1.26	1.20	0.99	1.02	1.08	1.06	0.94	--
C-21	0.49	0.52	0.54	0.51	0.48	0.44	0.38	0.32	0.30	0.32	0.30	0.28	0.28	0.29	0.32	0.31	0.29	--
C-22	0.35	0.33	0.32	0.32	0.33	0.26	0.20	0.19	0.15	0.18	0.11	0.10	0.10	0.10	0.10	0.11	0.09	--
C-23	0.32	0.25	0.30	0.30	0.29	0.33	0.25	0.25	0.20	0.18	0.26	0.31	0.32	0.30	0.27	0.30	0.24	--
C-24	0.73	0.68	0.42	0.34	0.41	0.39	0.37	0.31	0.27	0.25	0.23	0.23	0.25	0.26	0.26	0.25	0.24	--
C-25	2.49	2.15	1.85	1.90	1.80	1.33	1.14	0.96	1.08	1.10	0.86	0.84	0.65	0.74	0.71	0.65	0.62	--
C-26	0.14	0.09	0.10	0.08	0.08	0.13	0.14	0.18	0.20	0.11	0.08	0.07	0.02	0.03	0.02	0.01	0.01	--
C-27	0.60	0.63	0.35	0.34	0.36	0.29	0.27	0.24	0.18	0.13	0.13	0.13	0.12	0.11	0.10	0.12	0.12	--
C-28	1.81	1.80	1.78	1.60	1.58	1.46	1.32	1.29	1.38	1.17	1.11	1.16	0.93	1.00	1.22	0.93	0.91	--
C-29	0.73	0.72	0.72	0.67	0.67	0.63	0.58	0.54	0.57	0.61	0.64	0.84	0.77	0.76	0.79	0.71	0.74	--
C-30	0.24	0.22	0.18	0.17	0.13	0.10	0.08	0.07	0.07	0.06	0.06	0.08	0.08	0.09	0.10	0.10	0.09	--
C-31	0.40	0.29	0.42	0.64	0.67	0.50	0.80	0.93	0.52	0.53	1.06	0.61	0.61	0.89	0.97	0.86	0.77	--
C-32	0.76	0.77	0.74	0.75	0.75	0.69	0.57	0.57	0.61	0.61	0.59	0.57	0.51	0.55	0.60	0.53	0.52	--
C-33	0.25	0.27	0.25	0.26	0.25	0.25	0.26	0.24	0.26	0.26	0.25	0.24	0.23	0.25	0.26	0.24	0.24	--
C-34	0.37	0.47	0.50	0.51	0.46	0.43	0.39	0.41	0.39	0.38	0.39	0.40	0.36	0.38	0.42	0.42	0.39	--

(Contd.)

Table D5: *(Contd.)*

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-35	0.23	0.64	0.25	0.30	0.33	0.34	0.35	0.44	0.48	0.52	0.56	0.78	0.70	0.71	0.71	0.67	0.64	--
C-36	4.48	4.96	6.11	4.57	4.31	3.83	3.03	2.61	2.52	2.24	2.06	1.86	1.97	1.60	1.71	1.51	1.44	C-36
C-37	0.18	0.22	0.34	0.54	0.55	0.56	0.62	0.67	0.69	0.46	0.42	0.52	0.46	0.53	0.55	0.50	0.52	--
C-38	0.45	0.42	0.48	0.48	0.50	0.44	0.42	0.48	0.51	0.47	0.50	0.58	0.49	0.55	0.57	0.47	0.49	--
C-39	0.83	0.87	0.83	0.81	0.79	0.76	0.69	0.66	0.68	0.69	0.64	0.66	0.63	0.65	0.72	0.80	0.83	--
C-40	0.49	0.50	0.56	0.65	0.63	0.62	0.57	0.61	0.70	0.72	0.77	0.77	0.81	0.77	0.79	0.79	0.83	--
C-41	0.50	0.58	0.60	0.66	0.92	0.88	0.84	0.84	0.84	0.78	0.43	0.16	0.12	0.13	0.13	0.15	0.11	--
C-42	9.26	9.06	8.38	8.04	7.51	7.11	6.35	5.39	4.81	4.35	3.94	4.05	3.80	3.98	3.96	3.79	3.26	C-42
C-43	2.20	2.14	2.70	2.96	3.08	2.74	3.39	5.03	5.07	2.28	1.92	1.61	2.56	2.44	2.45	2.66	1.98	C-43
C-44	0.66	0.60	0.68	0.74	0.77	0.77	0.72	0.76	0.81	0.90	0.84	0.83	0.81	0.81	0.84	0.83	0.74	--
C-45	0.07	0.04	0.06	0.12	0.12	0.11	0.10	0.11	0.12	0.15	0.10	0.10	0.10	0.09	0.09	0.07	0.07	--
C-46	18.30	17.88	16.25	12.88	11.72	10.66	9.53	8.70	7.85	7.36	7.12	7.65	6.65	6.12	6.24	5.46	5.32	C-46
C-47	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.02	0.03	0.02	0.03	0.03	0.04	0.02	0.02	--
C-48	0.28	0.27	0.25	0.32	0.31	0.30	0.31	0.31	0.36	0.42	0.45	0.45	0.47	0.50	0.59	0.64	0.67	--
C-49	0.34	0.36	0.38	0.42	0.42	0.44	0.38	0.40	0.41	0.45	0.49	0.56	0.52	0.55	0.56	0.65	0.62	--
C-50	9.65	9.46	9.79	9.59	8.36	7.15	6.17	5.66	5.49	5.10	4.68	4.45	4.57	4.58	4.64	4.58	3.8	C-50
C-51	1.78	1.67	2.31	2.43	2.06	1.79	1.84	1.88	1.84	1.76	1.55	1.62	1.55	1.68	1.64	1.63	1.3	C-51
C-52	2.91	2.66	3.22	3.06	2.68	3.00	2.66	2.24	2.29	2.31	2.15	2.32	2.36	2.16	2.05	1.83	1.96	C-52
C-53	5.69	4.96	4.50	4.87	4.23	3.60	2.75	2.29	2.32	2.22	1.88	2.27	2.52	2.59	2.87	2.76	2.72	C-53
C-54	0.86	0.91	0.87	1.03	1.26	1.59	1.90	2.07	2.12	2.09	2.05	2.25	2.14	2.24	2.52	2.40	2.6	--
C-55	3.17	2.99	2.94	2.81	2.74	2.23	1.99	2.01	2.15	2.33	2.17	2.32	2.24	2.19	2.46	2.18	2.21	C-55
C-56	0.85	0.82	0.74	0.77	0.77	0.69	0.64	0.66	0.78	0.81	0.83	1.02	1.09	1.17	1.29	1.26	1.26	--
C-57	1.17	1.33	1.24	1.31	1.33	1.25	1.07	1.04	1.03	0.99	1.04	1.21	1.22	1.22	1.31	1.24	1.16	--
C-58	3.69	3.17	2.53	2.38	2.32	2.57	2.75	2.82	3.16	3.33	3.78	4.12	3.34	3.09	3.31	2.96	2.99	C-58
C-59	0.71	0.55	0.65	0.73	0.78	0.90	0.94	1.13	1.38	1.45	1.56	1.93	2.13	2.27	2.49	2.18	2.25	--
C-60	2.26	2.40	2.49	2.20	2.24	2.66	2.58	2.53	2.68	2.84	2.81	2.95	3.03	3.13	3.25	2.98	3.27	C-60
C-61	4.82	4.80	4.52	4.30	3.95	3.69	3.47	3.43	3.39	3.84	4.00	3.94	3.57	3.66	3.74	3.74	3.54	C-61
C-62	5.44	4.94	4.81	4.71	4.38	3.69	3.43	3.21	3.23	3.41	3.12	3.30	3.12	3.14	3.11	3.04	2.8	C-62
C-63	5.08	4.73	4.81	4.84	4.63	4.27	3.91	3.84	3.92	3.84	3.56	3.93	3.81	3.64	3.62	3.26	3.16	C-63
C-64	5.88	5.93	5.98	5.71	5.12	4.67	4.19	3.94	3.98	3.74	3.47	3.60	3.43	3.44	3.34	3.67	3.18	C-64
C-65	6.24	6.56	6.21	5.54	5.17	5.00	4.75	4.51	4.66	4.50	4.18	4.49	4.24	4.23	4.35	4.14	4	C-65
C-66	15.46	16.32	15.93	14.01	12.97	11.27	9.78	9.16	8.53	8.01	7.38	7.34	6.78	6.84	6.87	5.84	5.77	C-66
C-67	16.80	17.07	16.01	14.48	13.20	11.62	10.07	9.18	8.26	7.63	7.00	7.06	6.54	6.27	6.53	5.52	5.46	C-67
C-68	1.42	1.23	1.27	1.33	1.40	1.37	1.25	1.17	1.24	1.27	1.24	1.31	1.40	1.36	1.47	1.45	1.5	C-68

(Contd.)

Table D5: *(Concld.)*

Chapter	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Chapter: RCA>1 for all the years
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
C-69	2.25	2.22	2.26	2.25	1.92	2.05	1.96	1.96	2.11	2.14	1.81	2.00	2.27	2.49	2.71	2.91	2.68	C-69
C-70	0.69	0.72	0.80	0.89	0.92	1.02	1.00	1.10	1.21	1.25	1.28	1.45	1.36	1.46	1.57	1.65	1.69	--
C-71	0.52	0.57	0.69	0.56	0.51	0.48	0.41	0.42	0.41	0.37	0.34	0.29	0.26	0.31	0.49	0.68	0.67	--
C-72	0.86	0.57	0.53	0.70	0.42	0.34	0.33	0.65	0.68	0.88	0.99	1.06	0.46	0.66	0.73	0.66	0.72	--
C-73	1.22	1.27	1.39	1.48	1.42	1.39	1.35	1.36	1.40	1.48	1.50	1.63	1.42	1.41	1.49	1.47	1.38	C-73
C-74	0.47	0.52	0.51	0.49	0.37	0.40	0.38	0.49	0.51	0.50	0.38	0.40	0.32	0.27	0.33	0.34	0.33	--
C-75	0.16	0.36	0.31	0.21	0.13	0.10	0.19	0.22	0.21	0.22	0.17	0.10	0.34	0.42	0.29	0.25	0.27	--
C-76	0.41	0.46	0.37	0.38	0.50	0.64	0.72	0.81	0.74	0.79	0.78	0.90	0.81	0.89	0.96	0.99	0.96	--
C-78	2.09	2.35	3.83	3.33	3.35	2.73	2.25	2.32	1.94	2.00	1.04	0.43	0.22	0.23	0.18	0.07	0.16	--
C-79	3.26	2.24	2.88	2.73	2.52	1.83	1.52	0.88	0.61	0.94	0.72	0.32	0.23	0.19	0.17	0.09	0.13	--
C-80	3.64	4.88	5.51	5.90	4.40	2.09	1.76	1.50	0.86	0.74	0.86	0.36	0.15	0.25	0.18	0.10	0.16	--
C-81	2.05	2.20	2.62	2.54	2.44	2.06	2.44	2.71	2.44	2.21	2.16	2.41	1.65	1.89	1.87	1.43	1.48	C-81
C-82	1.81	1.91	1.83	1.92	1.82	1.82	1.79	1.76	1.76	1.66	1.61	1.49	1.50	1.54	1.59	1.49	1.57	C-82
C-83	1.63	1.64	1.62	1.55	1.56	1.63	1.48	1.59	1.68	1.79	1.74	1.71	1.65	1.70	1.82	1.84	1.82	C-83
C-84	0.47	0.56	0.61	0.69	0.81	1.01	1.27	1.35	1.39	1.40	1.45	1.52	1.56	1.59	1.56	1.47	1.41	--
C-85	0.99	1.08	1.18	1.16	1.34	1.46	1.51	1.61	1.71	1.77	1.86	2.00	1.93	1.92	2.03	1.88	2.11	--
C-86	3.02	3.62	3.50	5.03	4.02	3.54	3.67	3.46	3.37	2.92	3.06	2.77	1.05	2.29	2.87	2.15	2.00	C-86
C-87	0.11	0.11	0.13	0.19	0.18	0.17	0.18	0.20	0.23	0.25	0.28	0.33	0.31	0.31	0.34	0.31	0.31	--
C-88	0.08	0.10	0.13	0.12	0.08	0.07	0.06	0.06	0.07	0.09	0.08	0.09	0.07	0.08	0.09	0.07	0.07	--
C-89	1.18	1.15	1.03	0.94	0.92	0.75	0.90	0.71	0.86	1.09	1.22	1.41	1.84	2.06	2.04	1.89	1.49	--
C-90	0.69	0.73	0.73	0.78	0.74	0.72	0.75	0.83	1.02	1.05	1.01	1.06	0.96	1.00	1.03	0.97	0.98	--
C-91	3.24	3.33	3.22	2.89	2.42	2.07	1.90	1.58	1.30	1.09	1.03	0.99	0.99	0.91	0.82	0.88	0.89	--
C-92	2.04	2.41	2.73	2.43	2.47	2.54	2.49	2.56	2.47	2.35	2.32	2.56	2.23	2.29	2.22	1.97	1.95	C-92
C-93	0.10	1.20	0.08	0.06	0.09	0.07	0.06	0.06	0.06	0.07	0.08	0.09	0.07	0.09	0.11	0.12	0.11	--
C-94	1.71	1.74	2.01	2.16	2.11	2.21	2.15	2.19	2.30	2.36	2.34	2.50	2.53	2.67	2.71	2.94	2.77	C-94
C-95	6.85	7.07	6.46	6.49	5.90	5.87	5.40	4.98	4.85	4.64	4.20	4.25	3.75	3.62	3.81	3.50	3.42	C-95
C-96	2.96	3.00	2.90	2.74	2.78	2.62	2.48	2.59	2.70	2.66	2.80	3.17	2.98	2.97	3.09	2.89	2.84	C-96
C-97	0.30	0.22	0.16	0.07	0.06	0.05	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.10	0.20	0.24	0.39	--
No. of chapters RCA>1	45	47	46	47	44	46	46	45	45	45	44	44	40	44	45	42	39	31

Note: For description of chapter please refer Table A2 in Annexure A.

Annexure E

Table E1: Number of Products which gained and lost its competitiveness in Comparison with Previos Year at Disaggrgated Level (HS-06 digit classification) of Member of BRIC

Year	Items	Brazil		Russia		India		China		BRIC	
		No. of Products	Weight	No. of Products	Weight	No. of Products	Weight	No. of Products	Weight	No. of Products	Weight
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	1. Products with competitiveness (RCA>1)	739	81.50	535	91.36	1161	88.36	1814	82.03	1936	77.69
	2. Products which gained competitiveness (RCA>1) compared to previous year	--	--	--	--	--	--	--	--	--	--
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	59.86	126	55.59	435	68.99	957	64.13	940	47.12
1997	4. Products which sustained competitiveness (RCA>1) compared to previous year	--	--	--	--	--	--	--	--	--	--
	5. Products with no competitiveness (RCA<1)	3512	18.50	3953	8.64	3326	11.64	3133	17.97	3153	22.31
	6. Products which lost competitiveness (RCA>1) compared to previous year	--	--	--	--	--	--	--	--	--	--
	7. Products without competitiveness throughout the period (1997 to 2013)	--	--	--	--	--	--	--	--	--	--
	1. Products with competitiveness (RCA>1)	719	83.37	550	90.45	1118	89.43	1812	82.44	1962	77.80
	2. Products which gained competitiveness (RCA>1) compared to previous year (1997)	112	3.61	123	10.68	227	1.29	182	1.92	206	5.00
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	59.52	126	45.68	435	72.58	957	64.99	940	47.31
1998	4. Products which sustained competitiveness (RCA>1) compared to previous year (1997)	390	20.24	301	34.09	456	15.56	673	15.53	816	25.49
	5. Products with no competitiveness (RCA<1)	3572	16.63	3905	9.55	3360	10.57	3124	17.56	3123	22.20
	6. Products which lost competitiveness (RCA>1) compared to previous year (1997)	132	1.38	108	0.64	201	1.17	185	1.14	180	1.09
	7. Products without competitiveness throughout the period (1997 to 2013)	3440	15.25	3797	8.91	3159	9.40	2939	16.42	2943	21.11

(Contd.)

Table E1: ***(Contd.)***

Year	Items	Brazil		Russia		India		China		BRIC	
		No. of Products	Weight	No. of Products	Weight	No. of Products	Weight	No. of Products	Weight	No. of Products	Weight
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	1. Products with competitiveness (RCA>1)	765	83.29	565.00	90.91	1187.00	89.45	1836.00	83.14	1999.00	79.25
	2. Products which gained competitiveness (RCA>1) compared to previous year (1998)	145	3.49	151	4.80	224	2.40	193	3.04	216	3.61
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	60.25	126	55.21	435	71.59	957	65.44	940	48.24
1999	4. Products which sustained competitiveness (RCA>1) compared to previous year (1998)	403	19.55	288	30.90	528	15.46	686	14.66	843	27.40
	5. Products with no competitiveness (RCA<1)	3587	16.71	3861	9.09	3323	10.55	3092	16.86	3084	20.75
	6. Products which lost competitiveness (RCA>1) compared to previous year (1998)	99	1.81	136	0.75	174	0.59	169	0.72	179	0.82
	7. Products without competitiveness throughout the period (1997 to 2013)	3488	14.90	3725	8.34	3149	9.96	2923	16.14	2905	19.93
	1. Products with competitiveness (RCA>1)	788	81.50	557	91.36	1345	88.86	1892	82.03	2038	77.69
	2. Products which gained competitiveness (RCA>1) compared to previous year (1999)	142	5.63	127	3.67	241	5.98	176	3.57	199	2.55
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	55.23	126	58.97	435	65.84	957	62.40	940	45.60
2000	4. Products which sustained competitiveness (RCA>1) compared to previous year (1999)	429	20.64	304	28.72	669	17.04	759	16.06	899	29.54
	5. Products with no competitiveness (RCA<1)	3586	18.50	4879	8.64	3289	11.14	3053	17.97	3049	22.31
	6. Products which lost competitiveness (RCA>1) compared to previous year (1999)	119	1.21	135	0.81	133	0.49	120	0.61	160	1.96
	7. Products without competitiveness throughout the period (1997 to 2013)	3467	17.29	4744	7.83	3156	10.65	2933	17.36	2889	20.35
	1. Products with competitiveness (RCA>1)	708	79.61	538	91.30	1384	86.81	1858	83.95	2018	78.16
	2. Products which gained competitiveness (RCA>1) compared to previous year (2000)	81	5.20	103	3.74	240	4.22	121	4.66	184	4.80
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	54.92	126	57.82	435	61.26	957	60.98	940	44.03
2001	4. Products which sustained competitiveness (RCA>1) compared to previous year (2000)	410	19.49	309	29.74	709	21.33	780	18.31	894	29.33
	5. Products with no competitiveness (RCA<1)	3715	20.39	3942	8.70	3322	13.19	3087	16.05	3068	21.84
	6. Products which lost competitiveness (RCA>1) compared to previous year (2000)	161	2.73	122	0.81	201	1.83	155	1.01	204	1.26
	7. Products without competitiveness throughout the period (1997 to 2013)	3554	17.66	3820	7.89	3121	11.36	2932	15.04	2864	20.58

(Contd.)

Table E1: ***(Contd.)***

Year	Items	Brazil		Russia		India		China		BRIC	
		No. of Products	Weight	No. of Products	Weight	No. of Products	Weight	No. of Products	Weight	No. of Products	Weight
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	1. Products with competitiveness (RCA>1)	715	80.65	503	91.96	1414	86.92	1837	84.91	2032	79.37
	2. Products which gained competitiveness (RCA>1) compared to previous year (2001)	132	5.16	92	5.10	246	3.42	154	4.15	194	5.46
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	55.69	126	61.18	435	60.69	957	59.54	940	42.86
2002	4. Products which sustained competitiveness (RCA>1) compared to previous year (2001)	366	19.80	285	25.68	733	22.81	726	21.22	898	31.05
	5. Products with no competitiveness (RCA<1)	3702	19.35	3897	8.04	3373	13.08	3055	15.09	3045	20.63
	6. Products which lost competitiveness (RCA>1) compared to previous year (2001)	125	2.99	127	0.74	217	1.39	175	0.98	180	1.42
	7. Products without competitiveness throughout the period (1997 to 2013)	3577	16.36	3770	7.30	3156	11.69	2880	14.11	2865	19.21
	1. Products with competitiveness (RCA>1)	733	80.80	483	91.76	1455	85.79	1800	85.36	1973	80.48
	2. Products which gained competitiveness (RCA>1) compared to previous year (2002)	128	2.03	69	0.90	285	4.39	119	2.32	164	6.49
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	54.33	126	62.49	435	56.78	957	56.71	940	40.64
2003	4. Products which sustained competitiveness (RCA>1) compared to previous year (2002)	388	24.44	288	28.37	735	24.62	724	26.33	869	33.35
	5. Products with no competitiveness (RCA<1)	3723	19.20	3907	8.24	3352	14.21	3094	14.64	3054	19.52
	6. Products which lost competitiveness (RCA>1) compared to previous year (2002)	110	0.75	89	0.88	243	1.01	156	1.11	223	1.28
	7. Products without competitiveness throughout the period (1997 to 2013)	3613	18.45	3818	7.36	3109	13.20	2938	13.53	2831	18.24
	1. Products with competitiveness (RCA>1)	746	80.40	462	91.76	1438	84.77	1833	83.67	2002	79.33
	2. Products which gained competitiveness (RCA>1) compared to previous year (2003)	116	5.25	65	0.73	235	3.05	157	2.52	191	2.55
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	53.12	126	67.03	435	52.12	957	53.18	940	38.33
2004	4. Products which sustained competitiveness (RCA>1) compared to previous year (2003)	413	22.03	271	24.00	768	29.60	719	27.97	871	38.45
	5. Products with no competitiveness (RCA<1)	3706	19.60	3907	8.24	3398	15.23	3046	16.33	3020	20.67
	6. Products which lost competitiveness (RCA>1) compared to previous year (2003)	103	1.85	86	0.60	252	1.39	124	1.25	162	1.75
	7. Products without competitiveness throughout the period (1997 to 2013)	3603	17.75	3821	7.64	3146	13.84	2922	15.08	2858	18.92

(Contd.)

Table E1: ***(Contd.)***

Year	Items	Brazil		Russia		India		China		BRIC	
		No. of Products	Weight	No. of Products	Weight	No. of Products	Weight	No. of Products	Weight	No. of Products	Weight
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	1. Products with competitiveness (RCA>1)	754	80.58	396	91.53	1434	85.28	1911	85.04	2004	79.59
	2. Products which gained competitiveness (RCA>1) compared to previous year (2004)	98	4.92	41	0.30	236	4.19	178	4.13	170	2.05
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	51.55	126	69.65	435	49.21	957	50.92	940	37.40
2005	4. Products which sustained competitiveness (RCA>1) compared to previous year (2004)	439	24.11	229	21.58	763	31.88	776	29.99	894	40.14
	5. Products with no competitiveness (RCA<1)	3734	19.42	3901	8.47	3406	14.72	2981	14.96	3014	20.41
	6. Products which lost competitiveness (RCA>1) compared to previous year (2004)	90	0.88	107	1.57	240	1.14	100	0.39	168	1.02
	7. Products without competitiveness throughout the period (1997 to 2013)	3644	18.54	3794	6.90	3166	13.58	2881	14.57	2846	19.39
	1. Products with competitiveness (RCA>1)	764	78.76	446	91.36	1397	85.91	1963	84.32	2097	80.39
	2. Products which gained competitiveness (RCA>1) compared to previous year (2005)	101	3.62	88	2.41	193	4.31	163	2.57	215	4.52
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	50.06	126	80.55	435	43.70	957	47.83	940	36.75
2006	4. Products which sustained competitiveness (RCA>1) compared to previous year (2005)	446	25.08	232	8.40	769	37.90	843	33.92	942	39.12
	5. Products with no competitiveness (RCA<1)	3706	21.24	3885	8.64	3435	14.09	2931	15.68	2919	19.61
	6. Products which lost competitiveness (RCA>1) compared to previous year (2005)	91	0.71	39	0.23	230	1.23	111	1.14	122	0.70
	7. Products without competitiveness throughout the period (1997 to 2013)	3615	20.53	3846	8.41	3205	12.86	2820	14.54	2797	18.91
	1. Products with competitiveness (RCA>1)	742	77.92	364	91.41	1423	85.35	1902	84.50	2039	80.38
	2. Products which gained competitiveness (RCA>1) compared to previous year (2006)	105	3.83	33	13.55	254	2.20	184	8.65	201	7.65
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	49.96	126	69.67	435	42.63	957	43.28	940	35.23
2007	4. Products which sustained competitiveness (RCA>1) compared to previous year (2006)	420	24.13	205	8.19	734	40.52	761	32.57	898	37.50
	5. Products with no competitiveness (RCA<1)	3650	22.08	3751	8.59	3376	14.65	2709	15.50	2950	19.62
	6. Products which lost competitiveness (RCA>1) compared to previous year (2006)	127	1.72	114	0.82	229	1.16	245	0.80	259	1.25
	7. Products without competitiveness throughout the period (1997 to 2013)	3523	20.36	3637	7.77	3147	13.49	2464	14.70	2691	18.37

(Contd.)

Table E1: ***(Contd.)***

Year	Items	Brazil		Russia		India		China		BRIC	
		No. of Products	Weight	No. of Products	Weight	No. of Products	Weight	No. of Products	Weight	No. of Products	Weight
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2008	1. Products with competitiveness (RCA>1)	643	76.01	316	91.89	1469	85.84	1938	84.12	2050	72.69
	2. Products which gained competitiveness (RCA>1) compared to previous year (2007)	71	1.05	26	0.36	250	4.00	169	3.05	204	2.32
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	52.87	126	71.07	435	39.80	957	41.37	940	34.74
	4. Products which sustained competitiveness (RCA>1) compared to previous year (2007)	355	22.09	164	20.46	784	42.04	812	39.70	906	35.63
	5. Products with no competitiveness (RCA<1)	3625	23.99	3747	8.11	3358	14.16	2632	15.88	2923	27.31
	6. Products which lost competitiveness (RCA>1) compared to previous year (2007)	170	2.13	74	0.75	203	1.37	133	1.18	193	9.32
	7. Products without competitiveness throughout the period (1997 to 2013)	3455	21.86	3673	7.36	3155	12.79	2499	14.70	2730	17.99
2009	1. Products with competitiveness (RCA>1)	614	82.82	338	91.08	1225	84.26	1887	82.58	1909	73.46
	2. Products which gained competitiveness (RCA>1) compared to previous year (2008)	79	9.20	70	2.21	170	4.74	108	1.24	143	2.07
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	56.19	126	68.87	435	42.75	957	42.79	940	35.84
	4. Products which sustained competitiveness (RCA>1) compared to previous year (2008)	318	17.43	142	20.00	620	36.77	822	38.55	826	35.55
	5. Products with no competitiveness (RCA<1)	3594	17.18	3696	8.92	3361	15.74	2681	17.42	2818	26.54
	6. Products which lost competitiveness (RCA>1) compared to previous year (2008)	108	2.50	48	0.47	414	2.18	158	3.30	284	1.45
	7. Products without competitiveness throughout the period (1997 to 2013)	3486	14.68	3648	8.45	2947	13.56	2523	14.12	2534	25.09
2010	1. Products with competitiveness (RCA>1)	563	84.90	305	93.03	1181	83.95	1933	82.62	1921	73.15
	2. Products which gained competitiveness (RCA>1) compared to previous year (2009)	70	2.48	34	1.75	170	3.46	148	2.27	143	1.43
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	57.60	126	72.72	435	39.72	957	41.79	940	35.99
	4. Products which sustained competitiveness (RCA>1) compared to previous year (2009)	276	24.82	145	18.56	576	40.77	828	38.56	838	35.73
	5. Products with no competitiveness (RCA<1)	3569	15.10	3678	6.97	3392	16.05	2638	17.38	2803	26.85
	6. Products which lost competitiveness (RCA>1) compared to previous year (2009)	121	2.97	67	0.38	214	1.91	102	0.62	131	0.84
	7. Products without competitiveness throughout the period (1997 to 2013)	3448	12.13	3611	6.59	3178	14.14	2536	16.76	2672	26.01

(Contd.)

Table E1: ***(Concld.)***

Year	Items	Brazil		Russia		India		China		BRIC	
		No. of Products	Weight	No. of Products	Weight	No. of Products	Weight	No. of Products	Weight	No. of Products	Weight
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2011	1. Products with competitiveness (RCA>1)	540	84.32	310	92.93	1234	86.07	2001	83.67	1994	72.54
	2. Products which gained competitiveness (RCA>1) compared to previous year (2010)	70	2.04	53	0.68	211	5.46	156	2.80	174	2.10
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	59.26	126	84.19	435	40.59	957	40.76	940	37.55
	4. Products which sustained competitiveness (RCA>1) compared to previous year (2010)	253	23.02	131	8.06	588	40.02	888	40.11	880	32.89
	5. Products with no competitiveness (RCA<1)	3673	15.68	3635	7.07	3368	13.93	2561	16.33	2744	27.46
	6. Products which lost competitiveness (RCA>1) compared to previous year (2010)	93	1.24	46	0.55	158	0.99	89	0.44	101	1.13
	7. Products without competitiveness throughout the period (1997 to 2013)	3580	14.44	3589	6.52	3210	12.94	2472	15.89	2643	26.33
2012	1. Products with competitiveness (RCA>1)	513	82.89	310	92.14	1264	84.96	1959	84.87	1978	78.29
	2. Products which gained competitiveness (RCA>1) compared to previous year (2011)	70	1.57	67	13.42	210	3.19	182	3.49	167	10.19
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	56.58	126	72.84	435	40.74	957	40.83	940	35.98
	4. Products which sustained competitiveness (RCA>1) compared to previous year (2011)	226	24.74	117	5.88	619	41.03	820	40.55	871	32.12
	5. Products with no competitiveness (RCA<1)	3651	17.11	3823	7.86	3316	15.04	2568	15.13	2754	21.71
	6. Products which lost competitiveness (RCA>1) compared to previous year (2011)	97	1.67	67	0.71	180	2.18	143	1.21	183	1.84
	7. Products without competitiveness throughout the period (1997 to 2013)	3554	15.44	3756	7.15	3136	12.86	2425	13.92	2571	19.87
2013	1. Products with competitiveness (RCA>1)	494	83.33	333	90.44	1339	85.99	1955	84.87	1959	79.48
	2. Products which gained competitiveness (RCA>1) compared to previous year (2012)	54	1.74	70	3.59	229	4.76	127	1.00	151	4.44
	3. Products which retained competitiveness (RCA>1) throughout the period (1997 to 2013)	217	57.36	126	67.93	435	37.28	957	39.88	940	35.92
	4. Products which sustained competitiveness (RCA>1) compared to previous year (2012)	223	24.23	137	18.92	675	43.95	871	43.99	868	39.12
	5. Products with no competitiveness (RCA<1)	3638	16.67	4071	9.56	3222	14.01	2581	15.13	2736	20.52
	6. Products which lost competitiveness (RCA>1) compared to previous year (2012)	73	0.75	47	0.16	154	0.87	131	0.74	187	1.29
	7. Products without competitiveness throughout the period (1997 to 2013)	3565	15.92	4024	9.40	3068	13.14	2450	14.39	2549	19.23

Table E2: List of Products (HS-06 Digit) with Sustained RCA in the Export of BRIC During 1997 to 2013

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	20712	5.29	4.78	5.97	5.87	6.34	5.86	5.81	5.67	5.20	5.04	4.60	4.34	4.06	3.75	3.52	2.69	2.66
2	20714	3.57	3.32	3.73	3.34	3.42	3.23	2.77	3.06	2.95	2.76	2.50	2.46	2.11	2.16	2.21	1.67	1.62
3	20732	2.06	2.99	2.20	2.61	2.36	3.09	2.97	2.40	3.23	3.10	2.75	2.95	2.96	2.97	2.94	3.48	3.29
4	30199	5.11	5.54	4.06	4.10	4.45	3.99	3.90	3.85	2.81	2.90	2.67	2.78	2.32	2.12	2.01	1.44	1.92
5	30332	5.44	5.75	7.68	8.21	8.57	8.29	6.68	6.34	6.60	6.04	5.17	4.55	4.45	4.24	4.50	3.35	2.45
6	30360	1.41	2.03	1.93	1.77	2.26	1.31	1.69	1.24	1.24	1.57	1.30	1.15	1.06	1.32	1.11	1.15	1.05
7	30379	3.75	3.04	4.02	3.93	3.92	3.27	2.38	1.70	1.81	1.74	1.57	1.27	2.07	2.45	2.28	1.93	1.99
8	30420	1.53	1.76	1.78	2.02	2.07	2.10	2.14	2.06	2.08	2.03	1.83	1.67	1.89	1.87	1.84	2.04	1.81
9	30520	2.38	2.12	1.66	1.46	1.22	1.26	1.58	2.06	1.79	2.44	1.70	1.68	1.63	1.60	1.69	1.91	1.46
10	30741	5.71	5.78	6.19	3.49	2.61	3.18	2.55	2.48	3.19	3.25	2.79	2.31	2.37	2.63	2.65	2.33	2.23
11	30751	3.66	4.11	5.85	4.18	3.44	3.44	2.66	3.36	2.30	4.32	3.79	2.93	3.19	3.09	2.92	2.51	2.47
12	30791	2.45	2.64	2.64	2.04	2.31	3.38	2.65	2.41	1.42	1.49	1.51	1.46	1.50	1.46	1.61	1.20	1.12
13	50210	8.77	9.20	8.79	8.84	8.25	7.17	6.40	5.87	5.32	5.14	4.68	4.79	4.71	4.68	4.90	3.98	4.03
14	50290	5.38	4.53	4.30	4.62	4.33	4.73	3.59	3.86	3.19	3.96	3.53	3.16	2.62	3.09	3.76	3.75	3.45
15	50400	3.95	3.76	4.09	3.57	2.87	2.44	2.46	2.36	1.97	1.95	1.80	1.86	1.86	1.84	1.92	1.66	1.53
16	50510	5.92	6.31	6.63	5.71	5.18	4.62	3.93	3.96	3.36	2.75	2.72	2.59	2.48	2.35	2.34	2.12	2.44
17	50790	1.49	2.99	2.21	1.62	1.93	1.89	1.59	2.27	2.10	2.09	1.80	1.92	2.21	1.73	1.28	1.48	1.39
18	51000	1.61	1.34	2.19	1.83	2.04	1.82	1.80	1.84	1.44	1.40	1.50	1.53	1.48	1.45	1.87	1.75	1.41
19	70320	3.15	2.51	3.67	4.62	5.02	5.95	5.62	5.27	4.91	5.08	4.51	3.90	4.35	4.45	4.20	3.33	3.21
20	71029	7.87	9.38	10.29	6.61	6.56	5.55	4.12	4.12	4.03	4.13	3.72	2.92	2.54	2.40	2.44	1.86	2.32
21	71140	7.93	7.43	7.61	5.29	5.66	5.73	5.04	4.80	5.14	5.40	4.34	4.55	4.47	3.41	3.49	3.04	2.87
22	71190	9.81	9.14	9.17	8.78	7.79	6.91	6.02	5.28	4.72	4.40	3.57	3.29	2.80	2.85	2.79	2.56	2.25
23	71230	8.27	8.14	7.92	8.23	6.87	4.24	5.59	5.86	5.63	5.17	4.54	4.53	4.77	4.99	5.14	3.89	4.09
24	71290	4.50	4.91	5.26	5.46	5.02	4.98	4.35	3.99	3.85	3.99	3.56	2.99	2.86	3.30	3.39	2.42	2.08
25	71332	5.38	7.40	6.51	6.57	5.11	4.87	5.10	5.33	3.60	3.73	2.70	2.98	3.78	3.96	3.69	2.92	2.95
26	71333	3.11	2.11	2.35	3.26	3.42	3.40	3.39	2.86	2.82	2.80	2.59	2.54	2.25	2.19	2.17	2.03	2.12
27	71490	7.38	7.42	6.49	5.41	4.49	3.97	3.58	3.52	3.13	2.96	2.39	2.19	2.58	2.36	1.81	2.88	2.41
28	80121	10.78	9.75	7.54	9.15	7.00	6.69	4.97	3.60	5.74	3.71	1.67	3.58	2.01	1.88	2.85	3.04	2.90
29	80132	11.81	12.38	12.83	9.27	8.99	7.42	5.50	4.75	4.16	3.92	3.12	2.72	2.58	2.00	2.12	3.38	2.95
30	80240	3.65	4.48	4.14	3.91	3.24	2.73	2.16	2.62	2.24	2.36	1.98	1.74	1.79	1.65	1.62	1.59	1.03
31	80720	1.68	2.09	3.02	2.80	2.18	2.33	2.15	1.46	1.59	1.42	1.54	1.56	1.25	1.19	1.40	1.15	1.20
32	81290	8.54	9.46	9.65	8.74	8.84	8.68	6.05	4.77	4.18	4.06	3.18	3.06	2.63	2.77	2.71	2.96	3.07
33	90111	4.54	4.19	4.57	3.27	3.42	3.25	2.72	2.59	2.51	2.38	1.99	1.98	1.87	2.01	2.11	2.49	1.92

(Contd.)

Table E2: *(Contd.)*

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
34	90210	8.29	8.79	8.64	8.33	7.67	6.30	5.70	4.72	4.59	4.32	3.79	3.61	3.61	3.28	3.42	2.82	3.08
35	90220	11.62	12.48	11.64	10.55	9.61	8.14	7.03	6.40	5.06	4.76	4.13	4.01	3.63	3.31	3.35	3.29	3.29
36	90240	4.92	4.31	2.81	2.33	2.50	2.68	1.87	1.89	1.65	1.43	1.27	1.27	1.13	1.20	2.01	1.69	2.49
37	90300	6.61	7.44	7.40	6.35	5.93	4.84	3.83	3.65	3.93	3.91	3.42	3.43	3.00	2.85	2.96	2.14	2.31
38	90420	5.09	4.78	5.58	4.67	4.52	4.27	4.29	4.19	3.32	3.43	3.66	3.43	3.26	3.23	3.42	3.24	2.53
39	90920	4.97	4.19	3.90	3.84	3.59	2.60	2.34	2.91	2.60	2.32	2.38	2.42	2.06	1.37	1.57	1.88	2.11
40	91010	7.50	6.38	7.26	7.64	8.48	7.55	6.70	6.75	6.23	5.77	4.61	2.60	4.49	4.10	4.07	3.50	3.32
41	91030	11.67	11.94	12.24	10.95	9.52	8.92	7.85	7.04	6.21	5.70	5.09	5.21	4.84	4.42	4.78	3.74	3.88
42	91099	3.67	3.48	4.04	4.50	4.43	2.86	2.09	1.91	1.83	1.82	1.35	1.52	1.34	1.48	1.70	1.47	1.24
43	100810	8.74	9.42	8.55	7.60	6.77	6.90	6.58	5.52	4.96	4.89	4.20	3.40	3.02	3.47	3.44	2.07	1.94
44	100820	2.36	2.21	2.15	2.63	2.43	2.30	2.43	2.46	3.41	2.48	2.23	3.03	1.84	2.49	2.17	2.06	1.62
45	110819	4.90	4.17	4.16	4.82	4.75	5.12	4.56	4.27	3.34	2.72	2.36	1.75	1.99	1.92	1.74	1.44	1.38
46	120100	3.14	3.51	3.13	3.24	3.29	3.19	2.80	3.20	2.76	2.70	2.05	2.08	2.18	1.62	2.05	1.51	1.84
47	120220	4.55	2.97	5.44	4.44	4.98	4.26	4.63	4.07	3.66	3.20	2.77	2.79	2.40	2.73	3.11	2.49	1.83
48	120740	5.90	6.54	6.34	5.16	5.03	4.32	4.41	2.97	2.43	2.31	2.88	2.28	1.28	1.51	1.97	3.22	2.62
49	121190	5.39	4.44	4.27	4.04	4.04	3.54	3.11	2.76	2.61	2.68	2.65	2.36	2.34	2.46	1.95	2.29	2.40
50	121299	9.53	9.31	7.58	6.34	7.01	6.62	5.88	4.71	4.94	4.95	4.23	4.14	3.97	3.90	3.62	3.06	3.10
51	130211	10.46	7.09	2.32	1.91	4.40	8.20	8.85	4.91	5.24	6.66	1.82	4.73	4.39	5.29	4.99	4.43	4.41
52	130231	1.10	1.22	1.32	1.08	1.38	1.27	1.26	1.22	1.47	1.76	1.54	1.29	1.26	1.36	1.65	1.47	1.53
53	130232	6.14	7.04	7.49	6.58	4.55	3.59	3.32	2.83	3.02	3.07	2.69	2.77	2.43	3.27	4.58	4.08	3.67
54	140110	10.34	11.59	10.56	9.28	8.93	7.89	6.35	5.41	5.27	4.85	4.58	3.89	3.89	3.87	3.53	3.48	3.55
55	150890	2.86	2.37	3.32	3.18	2.61	2.14	2.83	3.26	2.57	2.06	1.57	1.90	1.58	1.37	1.79	2.12	1.27
56	151530	11.74	12.10	12.55	11.48	10.42	8.87	7.69	7.16	6.53	5.84	5.22	5.18	5.23	4.82	4.83	3.94	4.02
57	152110	9.47	9.21	8.78	8.30	7.84	6.52	4.96	4.71	4.57	3.97	3.69	3.66	3.43	3.43	3.00	2.16	2.31
58	152190	6.20	5.43	5.93	5.32	4.58	3.85	3.79	3.69	3.08	2.99	2.49	2.36	2.52	2.51	2.56	1.93	1.84
59	160232	1.60	2.11	2.50	3.17	3.19	3.19	2.59	2.15	2.24	2.28	1.94	1.47	1.42	1.38	1.44	1.21	1.08
60	160250	4.13	4.55	5.38	4.28	4.26	3.80	3.36	3.22	2.98	2.98	2.62	2.51	2.10	1.62	1.62	1.50	1.35
61	160300	1.62	4.09	6.36	4.19	2.81	2.13	1.63	1.29	1.42	1.82	1.91	2.88	2.07	2.29	2.09	1.24	1.00
62	160419	8.08	7.14	7.45	7.26	6.47	5.87	4.77	4.71	4.16	4.32	3.79	3.57	2.93	3.08	3.16	2.89	2.63
63	160430	2.43	2.59	2.27	2.38	2.79	3.04	2.16	2.05	2.38	2.86	2.53	1.97	1.83	1.72	1.71	2.07	1.53
64	160510	1.40	2.04	2.11	2.90	3.29	2.95	2.86	2.86	2.81	2.91	2.41	2.83	2.63	2.60	3.21	2.87	2.65
65	160540	1.71	5.00	5.70	5.52	5.33	4.01	5.52	4.38	4.55	4.97	3.91	3.74	3.37	3.79	3.19	3.48	3.57
66	160590	2.04	2.07	2.49	2.72	2.86	2.99	2.88	2.84	2.92	2.84	2.50	2.50	2.21	2.21	2.43	2.41	2.21
67	170111	3.96	5.37	5.12	3.25	4.21	3.54	3.53	3.32	3.61	4.23	3.68	3.77	3.87	4.11	3.96	3.26	3.02
68	170199	2.37	2.52	2.62	1.71	2.81	2.77	1.93	1.74	1.62	1.97	1.82	1.65	1.50	1.71	1.64	1.26	1.12
69	200310	3.78	4.10	3.61	3.97	3.83	4.34	4.02	3.63	3.35	3.75	3.72	3.20	2.64	2.79	2.80	2.42	2.34
70	200560	6.30	5.44	5.39	4.84	4.87	5.10	4.14	3.60	3.68	3.83	3.70	2.58	2.34	2.44	2.34	3.34	2.03
71	200590	3.43	3.07	2.89	2.99	2.74	2.41	2.09	2.22	2.13	2.10	1.82	1.63	1.56	1.63	1.65	1.94	1.88
72	200600	4.58	4.01	3.30	4.00	4.14	3.94	3.35	2.99	2.58	2.36	1.75	1.86	2.00	1.95	2.02	1.77	1.60
73	200811	4.21	3.82	4.66	4.66	4.45	3.88	3.49	3.17	2.75	2.65	2.35	2.08	2.09	2.11	2.13	1.68	1.54

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
74	200830	3.98	3.99	4.92	5.43	5.34	4.90	4.55	4.08	3.61	3.67	3.17	3.12	2.66	2.56	2.63	2.29	2.07
75	200899	1.59	1.55	1.71	1.52	1.37	1.31	1.33	1.22	1.20	1.20	1.11	1.19	1.09	1.11	1.33	1.37	1.44
76	200911	7.58	7.84	7.61	6.70	6.63	7.28	7.04	6.07	5.05	5.13	4.83	4.16	3.46	2.97	2.70	2.67	2.51
77	220190	9.88	9.46	9.25	7.81	7.22	5.94	6.02	5.94	4.49	3.60	3.11	2.68	2.84	2.83	3.10	2.85	2.61
78	220710	1.67	1.24	1.78	1.50	2.24	2.41	2.20	3.39	3.13	4.26	3.11	2.85	1.92	1.38	1.44	1.66	1.46
79	230400	5.07	4.30	4.50	4.07	3.85	3.65	3.32	3.39	2.67	2.35	2.08	2.15	1.85	1.77	1.84	1.53	1.52
80	240120	4.29	4.23	4.24	3.23	3.04	3.52	3.40	3.07	3.25	2.95	2.88	2.98	2.97	2.63	2.52	2.57	2.05
81	240130	3.48	3.35	3.44	4.37	5.09	4.58	4.21	3.79	3.13	3.49	3.21	3.21	2.99	2.83	2.89	2.64	2.37
82	250410	6.21	6.92	6.35	5.94	5.33	4.18	3.90	2.98	3.44	2.94	2.50	2.71	2.87	3.09	3.78	3.17	3.27
83	250490	2.97	3.10	4.68	6.95	7.15	6.62	6.22	5.69	6.07	5.65	5.09	5.25	4.44	4.51	4.67	3.46	3.54
84	250700	1.05	1.26	1.51	1.60	1.58	1.50	1.47	1.42	1.28	1.40	1.36	1.50	1.36	1.30	1.27	1.06	1.00
85	250830	9.02	9.07	10.65	9.60	6.04	4.80	4.33	4.20	3.42	2.65	2.37	3.53	3.17	3.37	2.58	1.97	2.10
86	251020	10.43	11.50	12.21	11.00	10.40	7.46	6.97	5.67	5.15	4.40	3.90	2.93	3.56	2.33	2.99	2.29	2.71
87	251110	8.35	7.91	7.15	8.26	6.72	4.94	4.74	4.41	4.41	4.12	3.64	3.74	3.43	3.15	3.75	3.39	2.83
88	251320	3.31	3.78	4.04	3.34	4.26	4.36	3.40	3.06	2.86	3.20	3.06	3.33	3.08	2.87	3.01	2.28	2.37
89	251400	4.90	5.96	7.12	6.84	6.73	6.21	6.08	5.95	5.62	5.37	3.81	3.41	2.88	2.39	2.65	2.13	2.01
90	251611	3.60	4.43	6.41	6.12	5.52	5.18	4.59	4.54	3.96	4.02	3.61	3.19	3.29	2.96	3.09	2.87	3.03
91	251612	2.30	3.20	5.45	4.80	4.57	3.87	5.00	4.15	4.58	4.39	3.60	3.22	3.07	3.59	3.77	3.50	3.43
92	251622	4.00	3.95	3.86	3.60	4.36	6.52	6.90	5.92	5.23	5.87	5.28	2.99	4.76	4.05	3.56	3.22	3.60
93	251990	5.31	5.08	5.80	5.79	4.63	3.75	3.53	2.95	2.88	2.60	2.66	2.68	2.22	2.68	2.23	1.96	1.92
94	252400	2.60	4.39	4.29	3.60	3.81	3.93	4.97	4.44	4.31	4.23	4.03	4.07	4.12	4.08	4.45	3.85	3.81
95	252510	8.08	5.88	5.34	8.81	8.50	5.03	4.39	5.59	5.02	4.24	3.31	3.61	3.75	3.53	3.57	2.83	2.97
96	252520	3.31	3.53	3.32	2.87	4.38	3.01	2.95	2.80	2.29	2.22	1.88	2.66	2.27	2.34	2.50	2.20	2.25
97	252530	7.55	8.77	7.98	5.55	7.51	4.21	5.86	6.14	5.57	4.00	3.71	5.53	5.43	5.08	4.97	4.44	4.37
98	252610	8.03	9.36	8.87	7.90	7.53	6.43	5.37	4.64	4.20	4.70	3.87	3.73	2.72	2.80	2.47	1.84	1.43
99	252922	10.03	10.73	10.95	9.23	8.81	7.62	6.47	5.26	4.54	3.87	2.99	3.31	1.89	2.27	2.82	1.67	1.41
100	253010	2.93	3.82	4.42	3.60	4.10	2.93	3.26	3.17	2.97	1.21	2.39	2.32	1.81	1.62	1.60	1.20	1.18
101	260111	5.55	6.15	5.95	5.47	4.79	4.73	4.15	4.21	3.51	3.20	2.86	2.35	2.27	2.03	1.83	1.28	1.20
102	260112	5.29	5.67	6.22	5.86	4.80	3.94	3.55	3.81	3.36	3.03	2.70	2.50	1.70	2.16	2.08	1.45	1.61
103	270111	5.75	5.50	5.85	6.16	5.42	4.60	4.61	3.48	3.14	2.60	2.37	2.73	2.04	2.04	1.97	2.72	2.55
104	271000	3.31	3.56	4.66	1.58	1.57	1.47	1.40	1.18	1.17	1.24	1.14	1.08	1.10	1.12	1.09	1.04	1.08
105	271220	4.53	5.52	4.93	5.06	4.74	4.53	3.89	3.55	3.65	3.53	3.29	3.18	2.70	2.47	2.36	2.07	2.06
106	280469	6.38	6.01	5.83	5.79	5.37	5.36	5.20	4.83	4.50	4.57	4.33	4.14	3.60	3.63	3.41	2.96	2.83
107	280511	3.57	3.83	6.76	3.62	3.22	3.62	5.60	4.44	4.17	4.92	4.00	2.34	4.51	4.35	3.57	2.07	1.55
108	280519	4.45	5.41	5.09	5.07	5.59	5.54	4.58	4.88	4.31	3.60	3.24	3.46	2.60	2.38	2.88	3.06	1.92
109	280521	4.19	4.45	5.20	4.95	4.82	4.75	3.39	2.27	2.49	3.04	3.20	3.52	2.26	2.61	2.90	2.68	2.71
110	280530	10.19	10.94	11.44	10.43	9.67	8.36	8.04	7.23	6.29	6.61	5.87	5.22	4.49	4.43	4.69	3.43	3.31
111	281511	2.93	3.03	3.26	3.23	3.93	3.01	3.75	1.90	3.30	3.39	3.13	2.97	3.35	3.17	2.74	2.37	2.90
112	281630	3.81	4.02	5.54	4.82	4.49	3.70	3.64	3.25	2.56	1.86	1.99	2.06	2.88	3.01	3.40	3.07	3.06
113	281810	3.73	3.52	3.95	4.07	3.96	4.21	4.39	4.03	3.61	3.44	3.51	3.70	2.91	3.13	3.09	2.72	2.57

(Contd.)

Table E2: *(Contd.)*

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
114	282010	2.51	3.09	2.24	2.28	2.79	2.40	2.17	2.73	1.96	2.50	2.40	2.17	2.24	2.15	2.05	1.68	1.49
115	282110	1.52	1.86	1.88	2.31	2.16	2.14	2.12	2.37	2.14	1.99	1.97	2.08	2.75	2.84	2.68	2.46	2.31
116	282530	6.40	6.74	7.19	7.13	5.10	4.55	4.93	4.07	5.89	4.92	4.81	4.89	3.52	3.31	3.61	2.86	2.82
117	282580	6.22	5.87	6.87	5.72	4.79	5.50	4.37	3.89	3.73	3.90	3.38	3.39	3.19	3.43	3.15	2.56	2.22
118	282590	4.61	5.12	4.89	4.35	5.48	3.35	3.30	2.62	3.84	3.63	3.15	2.56	2.44	3.00	3.46	2.85	2.48
119	282630	5.67	4.46	6.55	3.68	5.27	4.14	3.69	2.86	2.74	2.94	3.41	3.46	3.48	2.10	1.84	1.80	1.86
120	282710	6.14	6.90	7.93	6.76	7.02	5.35	5.55	6.22	5.90	5.36	5.81	5.62	4.75	4.65	5.09	4.15	4.02
121	282720	1.54	1.01	1.06	1.30	1.93	1.73	1.79	2.16	2.38	2.60	1.96	1.92	1.95	1.90	2.27	1.86	2.20
122	282749	4.01	4.25	4.43	4.35	4.83	3.46	2.76	3.61	3.06	3.10	3.05	2.86	2.71	2.43	3.62	2.49	2.27
123	282810	3.05	3.31	3.22	2.63	2.41	2.38	2.48	2.57	2.88	2.80	2.75	2.71	2.71	2.73	3.01	2.47	2.40
124	282919	7.10	6.44	6.68	5.11	6.48	6.55	5.77	5.69	3.58	4.67	4.68	4.44	4.53	4.12	4.66	4.15	3.99
125	282990	1.30	1.18	1.81	1.38	3.78	1.87	1.39	1.45	1.46	1.26	1.49	1.53	1.85	2.29	2.29	2.18	2.10
126	283010	4.90	4.85	5.02	5.11	4.27	4.03	3.70	3.70	3.04	3.06	3.13	2.40	2.84	2.92	2.75	2.08	2.46
127	283110	8.59	9.28	9.35	8.46	7.99	7.20	6.76	5.75	5.33	5.81	5.18	5.07	3.32	3.08	2.61	2.29	2.24
128	283230	1.97	1.77	2.49	2.53	3.12	2.81	2.57	2.31	2.69	2.62	1.80	2.02	2.30	2.28	1.71	1.67	1.64
129	283321	3.24	1.82	2.83	2.52	3.21	2.53	1.99	2.10	1.96	1.82	1.58	2.70	1.97	1.73	1.96	1.64	1.63
130	283325	3.36	2.24	2.64	2.43	2.22	1.93	1.88	1.98	1.87	2.10	1.79	1.67	1.53	1.41	1.50	1.25	1.39
131	283329	1.42	1.52	2.02	2.46	2.25	2.42	2.48	2.81	3.20	2.81	2.26	2.23	1.90	1.90	2.11	1.82	1.70
132	283340	1.13	1.59	1.56	1.71	1.75	1.80	1.66	1.66	2.17	2.08	1.65	1.65	1.76	1.62	2.09	1.59	1.62
133	283429	2.54	2.13	2.46	2.07	2.58	1.90	1.70	1.54	1.87	1.84	1.62	1.74	1.88	1.82	1.84	1.43	1.52
134	283510	2.28	2.33	3.13	3.12	2.64	3.45	3.15	3.48	3.38	3.17	2.58	3.00	2.73	3.14	3.28	2.94	2.76
135	283525	1.58	1.31	1.98	2.22	3.09	3.52	3.52	3.84	3.47	3.61	2.54	3.06	2.57	2.46	2.47	2.47	1.83
136	283531	2.62	2.30	4.36	3.83	3.74	4.04	3.84	3.70	4.07	3.76	3.28	3.08	3.08	2.58	2.41	2.12	1.78
137	283630	1.10	1.17	1.13	1.54	1.49	1.37	1.43	1.54	1.34	1.35	1.32	1.57	1.45	1.44	1.72	1.55	1.37
138	283660	8.95	9.40	9.33	8.91	9.19	8.42	7.46	6.82	5.87	5.71	4.91	5.00	4.57	4.42	4.96	3.55	3.70
139	284130	3.62	3.09	2.70	3.41	3.23	3.37	2.98	2.70	2.76	2.80	2.25	2.43	1.97	1.84	1.99	1.35	1.41
140	284161	8.43	7.53	6.19	6.53	6.27	5.82	4.95	3.89	4.23	4.45	4.20	3.28	3.34	3.54	3.79	3.22	3.05
141	284170	3.95	3.77	4.76	4.90	3.97	3.79	3.68	2.63	3.29	2.74	2.66	1.76	1.56	1.54	1.51	1.37	1.21
142	284180	10.28	10.55	10.96	9.74	8.92	7.06	6.58	4.67	5.08	5.26	4.57	4.21	5.37	4.80	4.81	3.90	3.53
143	284690	9.63	10.67	8.88	7.37	8.12	6.22	5.18	4.70	4.33	4.46	4.43	4.42	3.27	4.05	4.15	2.68	2.58
144	284910	3.24	3.12	4.06	4.13	3.78	3.39	3.03	2.21	2.18	2.20	2.27	2.40	2.45	2.67	1.93	1.48	1.55
145	284920	5.15	5.76	5.93	6.16	5.62	4.76	4.67	3.58	3.02	2.82	2.61	2.88	2.22	2.67	2.78	2.10	2.28
146	284990	1.68	1.68	2.09	2.06	1.65	2.16	2.13	1.90	1.93	2.51	1.82	1.96	1.71	1.92	1.88	1.36	1.24
147	290362	5.99	6.64	10.92	6.57	9.12	9.78	9.72	8.64	7.38	7.21	6.19	6.45	6.02	5.56	4.99	1.46	3.12
148	290490	3.36	3.70	4.43	4.57	3.90	3.76	3.89	3.70	4.13	3.97	3.54	2.97	2.43	2.68	3.08	2.37	2.35
149	290543	7.39	8.70	8.20	7.75	6.41	5.24	5.12	3.59	3.07	2.86	2.96	3.17	3.13	2.87	2.94	2.91	2.34
150	290611	5.77	5.61	7.49	7.15	6.36	5.81	4.92	5.00	5.66	5.40	4.93	4.54	3.45	3.44	3.72	3.07	2.83
151	290629	1.94	2.93	3.46	3.02	2.46	2.13	1.33	1.52	1.09	1.28	1.25	1.09	1.47	1.13	1.53	2.81	3.10
152	290715	6.45	6.07	7.17	7.09	6.81	6.40	4.08	4.89	5.06	6.10	5.07	4.11	3.57	3.84	3.56	2.71	3.13
153	290920	1.52	3.96	1.41	1.33	5.72	3.86	3.21	1.06	1.42	1.82	1.80	2.22	1.94	2.35	3.10	2.47	2.78

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
154	291221	2.99	4.36	7.86	6.80	6.39	6.16	5.24	4.38	3.79	4.10	3.20	5.26	5.14	4.53	3.61	2.62	1.56
155	291241	5.69	6.05	6.72	5.30	5.66	5.87	4.20	4.76	5.00	4.98	4.70	3.87	3.87	3.95	3.47	2.94	2.94
156	291242	5.15	5.11	5.67	3.46	2.04	1.95	1.24	1.61	1.54	1.67	1.83	2.03	2.15	2.53	2.35	2.06	2.08
157	291249	2.90	3.58	2.86	3.26	3.19	3.11	3.40	3.20	3.32	3.70	3.76	3.54	3.29	2.74	3.45	2.65	2.58
158	291439	2.54	2.94	3.94	4.05	4.07	3.81	3.36	3.11	3.12	2.93	3.36	3.67	3.82	3.57	3.84	2.94	2.97
159	291461	9.72	9.57	11.05	10.96	9.81	8.29	6.93	6.20	5.94	6.10	5.32	4.83	4.35	4.56	4.47	3.71	3.20
160	291619	1.18	1.74	1.78	2.16	2.94	3.52	2.71	3.23	3.40	3.48	3.03	3.14	3.04	3.01	2.77	2.59	2.77
161	291631	1.13	1.53	2.07	2.65	2.83	2.10	1.91	1.57	1.43	1.46	1.42	1.29	1.22	1.24	1.40	1.28	1.18
162	291639	1.14	1.22	1.23	2.22	2.08	1.60	1.74	1.61	1.63	1.89	1.98	2.26	2.26	2.35	2.71	2.44	2.35
163	291711	7.37	14.60	6.70	8.20	4.45	5.17	5.80	5.87	5.12	5.02	4.31	5.16	4.48	3.97	3.77	3.36	3.20
164	291713	5.10	5.35	6.96	5.73	4.63	4.21	4.44	4.40	4.12	3.94	3.51	3.54	3.24	3.66	3.45	2.63	2.51
165	291719	1.14	1.55	1.52	1.46	1.65	1.27	1.40	1.71	1.88	2.03	1.91	1.83	1.71	1.85	1.86	1.84	1.61
166	291814	6.84	5.90	6.90	7.47	6.61	6.18	1.17	5.47	4.97	4.97	4.68	4.63	4.28	4.27	4.24	3.37	3.13
167	291815	2.94	3.25	3.99	4.06	3.47	2.39	1.66	2.62	2.07	2.15	2.26	2.47	2.21	2.03	1.95	1.69	1.53
168	291816	2.15	2.50	3.16	4	3.28	2.46	1.56	2.35	2.29	2.69	3.01	3.36	3.29	3.39	3.27	2.69	2.67
169	291821	5.86	5.20	5.06	5.21	6.84	5.84	4.92	4.21	4.91	4.74	4.42	3.90	4.04	4.14	4.48	3.45	3.56
170	291822	3.98	4.35	4.52	4.07	3.71	3.44	3.42	2.82	2.73	2.58	1.96	2.03	1.92	1.71	2.18	1.64	1.70
171	291823	2.29	2.73	1.82	3.28	2.74	2.73	2.40	2.42	2.14	2.06	1.82	2.05	1.73	2.00	2.15	1.83	1.91
172	292142	6.15	5.74	5.18	4.05	4.16	6.59	6.30	5.81	5.12	5.14	4.79	4.85	4.61	4.61	4.51	3.99	4.09
173	292143	1.12	1.07	1.13	1.34	1.48	2.19	1.39	1.67	1.95	2.48	2.04	2.11	1.72	1.99	2.07	2.15	1.98
174	292144	1.04	1.07	1.58	2.32	2.97	1.51	1.98	2.31	3.39	3.25	3.35	4.11	3.57	3.52	3.30	2.79	2.92
175	292159	1.20	1.32	1.88	1.75	2.01	2.69	3.26	1.72	2.80	3.02	2.82	3.49	2.93	2.65	2.78	2.52	2.48
176	292221	11.90	11.84	11.23	10.54	9.14	8.15	7.66	8.16	6.78	6.74	6.09	5.53	5.30	5.33	5.20	4.38	4.48
177	292229	2.95	2.69	2.53	2.51	2.46	2.17	2.43	2.11	2.70	3.14	3.04	3.73	3.16	3.52	3.38	2.61	2.92
178	292242	3.35	3.62	2.79	1.97	2.17	2.69	2.43	2.10	2.48	3.29	3.18	3.06	3.04	2.83	3.14	2.52	2.62
179	292243	1.92	3.15	3.73	5.08	4.97	3.33	6.95	6.59	6.35	6.53	5.49	5.76	4.77	5.21	4.62	3.78	3.95
180	292511	6.20	7.02	7.73	7.42	6.81	5.98	5.84	5.04	3.75	3.95	3.71	3.37	2.87	2.86	2.95	2.60	2.61
181	292620	6.56	6.53	5.81	5.35	5.87	4.75	4.18	3.12	3.06	2.77	2.41	2.84	2.23	2.57	3.01	3.09	2.89
182	292700	1.36	1.32	1.38	1.44	1.78	2.09	1.87	2.06	2.20	2.33	2.27	2.36	2.56	2.48	2.34	1.92	1.95
183	292990	2.98	3.07	4.39	5.24	3.80	3.67	3.49	3.30	2.25	1.59	1.52	2.99	1.66	1.28	1.43	2.28	2.22
184	293212	7.54	9.10	7.90	7.58	3.79	3.29	2.56	3.02	2.76	1.67	3.18	3.90	2.33	2.13	2.80	3.21	2.36
185	293213	4.76	4.33	4.44	4.43	4.42	3.87	5.22	5.49	5.43	4.78	4.88	4.96	3.49	3.93	4.39	3.29	3.01
186	293293	7.86	9.40	10.56	9.03	7.94	8.11	7.11	6.48	6.07	5.44	5.23	4.75	4.59	4.60	4.30	3.62	3.62
187	293361	1.08	1.41	1.13	1.64	1.91	1.48	2.15	1.80	1.93	1.79	1.94	2.81	1.62	1.63	1.91	1.49	1.59
188	293622	1.39	1.66	1.84	1.92	1.95	1.60	2.06	2.37	2.49	2.33	2.43	2.38	2.26	2.49	2.67	2.38	2.34
189	293626	2.08	2.98	2.67	2.70	2.86	3.07	3.17	3.04	3.25	2.74	2.44	2.48	2.27	2.33	2.69	2.04	1.93
190	293627	2.92	3.54	4.27	4.14	3.40	2.93	3.93	3.65	3.31	2.84	2.77	3.79	3.71	3.72	3.53	2.74	2.59
191	293628	1.72	1.99	2.55	2.44	2.19	2.48	2.65	2.68	1.99	2.16	1.75	2.54	2.14	2.25	2.38	2.66	2.63
192	293721	3.42	3.47	4.31	4.78	4.92	3.93	3.86	3.52	2.94	2.95	2.40	2.95	2.37	3.06	3.43	3.18	2.82
193	293890	3.10	3.41	2.80	2.63	2.14	1.95	2.43	1.89	2.18	3.03	2.50	2.52	3.19	2.80	2.93	2.48	2.27

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
194	293930	3.57	3.50	4.51	3.91	3.60	3.35	2.74	3.20	3.43	3.74	3.38	3.58	3.81	3.17	2.98	2.56	2.20
195	293941	4.35	3.38	4.10	3.29	3.09	3.44	2.90	3.57	5.04	5.06	4.70	4.56	3.98	3.27	3.02	1.91	1.95
196	293942	3.37	3.43	3.52	2.33	2.81	2.15	3.07	2.32	2.32	2.73	2.08	2.36	2.72	2.22	2.13	1.78	1.43
197	294110	1.48	1.60	2.35	2.22	2.44	2.90	2.21	2.08	2.18	2.53	3.19	2.87	2.67	2.62	2.50	2.47	2.25
198	294120	1.00	1.30	5.89	6.23	7.01	7.46	6.32	6.21	4.49	3.41	3.09	4.72	4.08	4.52	4.13	3.64	3.23
199	294130	3.05	2.68	3.09	1.50	1.95	2.42	1.69	1.73	1.73	2.01	2.69	1.23	2.43	2.84	3.28	2.73	2.56
200	294140	9.52	9.98	8.92	8.15	7.94	6.50	6.03	6.30	5.86	5.87	5.24	5.50	5.72	5.35	4.73	3.96	3.62
201	294200	7.98	9.28	9.89	8.34	7.76	7.04	7.21	6.88	6.62	6.17	5.38	5.21	4.96	4.71	4.57	3.80	3.71
202	300590	3.52	3.53	3.04	3.00	2.79	2.39	2.20	2.12	1.89	1.67	1.62	1.77	1.56	1.43	1.64	1.41	1.35
203	310210	2.84	2.38	1.74	2.64	2.41	1.68	2.26	2.65	1.60	1.51	1.95	1.61	1.35	1.71	1.29	1.73	2.01
204	310230	4.70	3.39	2.63	3.45	3.38	3.01	2.45	2.38	2.47	2.18	1.95	2.02	2.08	1.80	1.95	1.65	1.73
205	310310	1.37	1.55	2.46	1.29	1.04	1.58	1.64	1.95	1.80	1.53	1.48	1.41	1.81	1.58	2.80	2.03	1.33
206	310520	2.31	2.25	2.38	2.15	2.35	2.10	1.90	1.79	1.94	2.00	1.96	1.69	2.22	1.75	1.89	1.82	1.57
207	310530	5.56	5.12	5.40	4.02	3.89	2.66	2.83	3.24	3.02	2.71	3.12	1.39	1.65	2.17	2.50	2.26	2.05
208	310540	8.22	8.72	9.63	9.59	8.52	6.82	5.47	5.32	4.60	4.97	5.13	3.00	1.93	2.09	2.59	1.90	2.07
209	310551	2.01	3.31	3.17	3.79	3.59	3.60	4.46	4.19	3.22	3.07	2.98	2.57	2.51	1.74	2.36	2.34	2.04
210	310559	1.32	2.28	2.52	3.03	3.60	3.38	3.39	2.22	1.66	1.35	2.37	2.10	1.41	2.73	4.02	2.07	1.52
211	320120	5.50	6.45	6.45	5.66	5.22	4.77	4.36	3.73	3.26	3.07	3.06	3.16	2.90	2.57	2.73	2.27	1.96
212	320411	4.00	3.84	4.30	4.44	4.18	3.76	3.24	3.10	3.10	2.99	3.17	3.63	3.44	3.08	3.18	2.58	2.88
213	320412	2.80	2.58	3.71	3.84	3.19	2.79	2.81	2.27	2.17	2.32	2.37	2.43	1.59	1.80	1.84	1.62	1.88
214	320413	3.93	3.63	3.72	3.25	3.37	3.30	2.98	3.18	3.46	3.55	3.19	3.09	2.29	2.21	2.17	1.99	2.19
215	320414	2.34	2.59	3.82	3.28	2.94	2.08	2.08	1.53	1.53	1.70	1.93	2.00	1.36	1.37	1.44	1.43	1.83
216	320415	3.86	3.92	3.99	4.21	5.77	4.27	3.72	3.83	3.67	3.26	3.08	3.53	3.45	3.59	3.51	2.94	2.88
217	320416	3.29	2.71	3.06	3.08	2.56	2.70	2.42	2.24	2.31	2.48	2.71	2.89	2.26	2.19	2.11	1.99	2.57
218	320642	5.62	6.21	6.73	6.20	5.95	6.26	5.19	4.26	3.70	3.63	3.17	2.58	2.12	1.61	1.88	1.45	1.24
219	321310	1.52	1.69	3.40	3.62	3.78	3.75	3.35	3.29	3.49	3.16	2.60	2.39	2.88	2.82	2.86	2.55	2.50
220	330112	5.05	3.67	3.34	2.97	3.56	3.70	3.96	3.17	2.89	3.02	2.48	2.26	1.94	1.87	1.79	1.76	1.54
221	330124	2.45	1.88	1.99	1.94	1.68	1.97	2.24	1.97	1.72	1.63	2.10	2.06	1.43	1.47	1.96	1.79	1.99
222	330125	1.95	3.04	2.48	2.47	1.54	1.64	1.97	2.80	3.04	3.53	2.64	3.69	3.23	2.58	3.17	3.07	3.17
223	330190	2.56	1.90	1.63	2.32	2.11	2.19	3.12	2.44	2.64	3.24	3.05	2.72	2.78	2.50	3.03	2.49	2.26
224	330741	8.46	8.44	7.72	7.52	7.25	6.83	5.61	5.16	4.27	4.36	3.94	3.16	3.17	3.47	3.52	3.04	3.28
225	340600	2.28	2.46	2.91	2.86	2.78	2.91	2.68	2.84	2.57	2.40	2.15	1.79	1.38	1.30	1.35	1.15	1.00
226	350300	1.30	1.25	1.28	1.33	1.28	1.29	1.28	1.26	1.60	1.69	1.64	1.60	1.46	1.30	1.38	1.21	1.13
227	360410	10.32	10.99	11.25	10.16	9.49	9.05	8.35	7.46	6.89	6.46	5.87	5.28	5.10	4.80	4.86	4.04	4.01
228	360500	2.92	2.21	1.90	2.04	2.18	2.18	2.02	2.15	2.11	2.12	2.29	2.20	2.10	1.96	1.57	1.76	1.53
229	380210	2.54	2.57	2.89	2.64	2.50	2.45	2.24	2.34	2.03	1.88	1.77	1.82	1.60	1.48	1.58	1.35	1.44
230	380610	7.47	7.94	8.46	7.71	7.73	7.28	6.24	5.80	5.80	5.41	4.43	4.20	3.62	3.81	3.63	2.60	2.45
231	380690	3.14	2.00	2.27	2.27	2.23	1.65	1.39	1.86	2.17	2.85	3.18	2.78	2.98	2.54	2.27	1.69	1.64
232	380810	1.70	1.69	1.98	2.06	2.22	2.23	1.90	1.97	2.11	1.76	1.52	1.59	1.33	1.22	1.32	1.16	1.10
233	390461	1.80	2.30	3.62	3.53	2.51	1.78	1.16	1.28	1.30	1.17	1.13	1.25	1.12	1.59	2.26	1.63	1.38

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
234	391890	1.35	3.13	3.11	1.96	2.73	3.36	3.25	3.26	3.46	3.95	3.40	3.29	2.71	2.81	2.92	2.68	2.76
235	392321	1.83	2.12	1.95	2.11	2.24	2.22	2.18	2.09	2.04	2.08	1.87	1.78	1.63	1.56	1.50	1.40	1.37
236	392410	1.45	1.76	1.83	1.87	1.96	2.11	2.12	2.19	2.17	2.27	1.97	1.75	1.74	1.92	1.96	1.89	1.90
237	392490	2.40	3.10	3.45	3.41	3.26	3.33	3.09	3.11	2.49	2.31	1.97	1.50	1.58	1.68	1.60	1.66	1.98
238	392530	3.31	3.32	3.54	2.93	3.06	3.05	3.04	2.41	2.32	2.22	2.04	2.00	2.32	2.32	2.32	2.10	2.14
239	392610	1.40	1.46	1.63	1.92	1.93	2.11	1.91	2.05	2.10	2.28	2.16	2.24	2.40	2.56	2.60	2.35	2.41
240	392620	5.41	6.12	5.90	5.02	4.98	4.83	4.56	4.39	4.41	4.51	4.01	4.05	3.59	3.66	3.77	3.42	3.37
241	392640	8.36	9.28	10.20	9.69	9.02	8.42	7.52	6.87	6.19	5.93	5.08	5.03	4.89	4.70	4.82	4.25	4.23
242	400231	5.75	5.87	6.12	6.01	6.58	7.35	6.23	5.97	4.92	4.66	4.03	4.18	3.45	3.51	3.33	2.70	2.45
243	400260	6.87	6.63	5.98	4.82	5.05	4.46	5.53	4.98	4.22	4.28	4.13	4.25	3.30	3.79	3.89	3.13	3.08
244	401012	1.15	1.28	1.05	1.19	1.05	1.01	1.02	1.16	1.08	1.33	1.27	1.38	1.43	1.65	1.84	1.61	1.75
245	401120	1.43	1.33	1.42	1.72	1.73	1.69	1.61	1.62	1.71	1.79	1.71	1.61	1.68	1.69	1.75	1.61	1.63
246	401150	5.64	5.42	4.44	3.94	3.88	3.85	3.41	2.98	2.87	2.83	2.46	2.39	2.21	2.14	2.12	1.80	1.89
247	401290	1.53	1.56	1.15	1.37	1.07	1.31	1.27	1.31	1.17	1.05	1.24	1.32	1.43	1.38	1.22	1.08	1.29
248	401310	1.10	1.18	1.19	1.92	1.81	1.63	1.67	1.93	2.16	3.07	2.89	2.71	2.38	2.25	2.44	2.20	2.05
249	401320	6.78	7.35	6.11	5.22	5.11	5.11	5.32	4.62	4.18	4.24	3.39	4.11	3.45	3.35	3.47	2.98	3.08
250	401390	2.17	2.58	2.62	2.01	2.25	2.65	2.29	2.04	2.07	2.25	2.31	2.83	2.74	2.62	2.80	2.62	2.66
251	401410	1.32	1.47	1.79	1.94	2.01	1.93	1.51	1.52	1.64	1.67	1.44	1.62	1.48	1.46	1.22	1.04	1.17
252	401692	3.24	3.60	4.39	3.24	3.65	4.04	3.82	3.85	4.08	4.15	4.05	4.29	4.08	4.07	4.09	3.47	3.52
253	420100	2.95	3.26	3.52	3.79	3.65	3.32	2.98	3.01	2.85	2.81	2.49	2.21	2.12	2.23	2.39	2.23	2.27
254	420211	6.86	7.04	6.08	5.62	5.51	5.51	4.59	4.37	3.49	3.33	3.10	3.10	3.02	2.87	2.40	2.16	1.87
255	420212	9.21	9.80	9.16	7.91	7.54	7.75	7.33	6.71	6.07	5.93	5.43	5.28	5.03	4.87	4.83	3.97	3.83
256	420221	2.09	2.23	2.38	2.08	1.66	1.80	1.42	1.36	1.43	1.40	1.22	1.52	1.63	1.67	1.50	1.86	1.21
257	420222	5.26	5.58	5.97	5.85	5.58	5.41	4.71	4.28	3.96	3.83	3.52	3.27	2.98	2.91	3.05	3.11	2.99
258	420231	4.40	5.54	4.93	4.02	3.40	3.48	2.90	2.43	2.06	2.07	1.73	1.86	1.79	1.70	1.45	1.39	1.33
259	420232	5.65	6.76	6.63	6.02	5.31	4.93	4.15	3.85	3.55	3.65	3.35	3.11	2.98	3.41	3.63	3.16	3.03
260	420292	1.93	2.03	1.84	1.94	2.01	2.12	2.15	2.07	1.92	1.86	1.82	2.15	2.18	2.59	2.89	2.86	2.77
261	420310	8.11	7.93	7.92	7.90	7.08	6.36	5.73	5.16	4.43	3.59	2.69	2.24	2.23	2.06	1.88	1.89	1.53
262	420329	9.30	9.30	9.93	9.84	9.50	9.15	8.32	6.42	5.29	5.07	4.40	4.10	3.91	3.94	3.90	3.23	3.11
263	420330	2.60	2.40	2.89	3.14	2.93	2.84	2.61	2.59	2.25	2.16	1.84	1.67	1.71	1.66	1.52	1.81	1.32
264	420500	2.25	2.17	2.00	2.05	2.98	3.33	2.66	2.52	2.30	2.35	2.07	1.69	1.47	1.30	1.18	1.01	1.06
265	430180	3.49	2.78	3.22	4.06	3.75	3.28	2.58	2.82	2.93	3.05	2.40	2.07	2.39	1.39	1.47	1.65	1.56
266	430211	1.13	1.65	2.92	3.79	3.60	3.16	3.25	4.05	3.02	2.89	2.47	2.52	3.40	2.80	2.55	2.53	2.64
267	430310	1.52	1.73	2.03	2.13	2.31	2.32	3.66	5.47	5.38	2.65	1.89	1.54	3.11	3.39	3.21	3.10	2.97
268	430390	5.56	5.92	6.76	7.55	7.71	7.04	6.59	6.70	5.94	5.26	4.65	4.19	4.64	4.62	4.86	4.15	3.67
269	430400	2.47	2.56	4.21	2.57	3.12	4.40	3.66	3.40	3.38	3.84	3.45	2.06	1.72	1.84	1.71	1.83	1.67
270	440920	1.03	1.01	1.43	1.49	1.34	1.32	1.41	1.76	2.27	2.46	2.30	2.25	2.00	1.93	1.78	1.64	1.42
271	441214	2.04	2.28	2.35	2.14	2.20	2.27	2.04	2.11	1.97	1.80	1.85	2.20	2.56	3.52	3.90	3.39	3.23
272	441219	1.21	1.52	2.41	2.47	2.44	2.95	3.28	3.98	3.44	4.12	4.14	3.24	3.02	2.22	1.94	1.91	2.03
273	441400	2.20	2.43	2.72	2.69	3.25	3.45	3.43	3.57	2.95	3.12	2.65	2.46	2.56	2.76	2.68	2.49	2.44

(Contd.)

Table E2: *(Contd.)*

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
274	441700	2.20	2.25	2.53	2.13	1.87	2.13	1.82	1.89	2.14	2.12	1.54	1.49	1.10	1.38	1.45	1.14	1.11
275	441820	1.25	1.29	1.59	1.46	1.38	1.42	1.41	1.58	1.58	1.78	1.61	1.42	1.41	1.46	1.33	1.32	1.18
276	441900	7.51	7.51	6.28	5.70	5.99	5.87	5.52	4.96	4.81	4.76	3.78	3.59	3.70	3.59	3.54	3.03	2.98
277	442010	4.98	5.45	5.41	5.07	5.32	4.85	4.47	4.87	4.35	3.84	3.57	2.92	3.23	3.32	3.21	3.09	2.93
278	442090	2.70	3.24	3.21	3.17	3.13	3.22	3.02	3.12	2.91	2.86	2.12	2.06	1.78	1.85	1.83	1.67	1.82
279	442110	5.33	5.09	5.51	5.18	5.67	5.58	5.35	5.04	4.87	4.85	4.62	4.15	4.02	3.95	3.80	3.36	3.10
280	442190	2.13	2.17	2.49	2.47	2.76	2.80	2.42	2.36	2.20	2.32	1.93	1.68	1.86	1.99	2.00	1.88	1.87
281	460120	11.04	11.38	11.44	9.44	8.82	7.58	6.80	6.26	5.99	5.85	5.59	5.64	5.34	4.88	4.98	4.11	4.13
282	460191	8.45	8.00	6.68	8.44	6.76	5.87	5.93	5.58	5.15	4.29	3.82	4.43	4.31	4.11	4.13	3.74	3.88
283	460199	7.02	6.58	6.03	3.74	1.83	2.15	1.30	1.64	2.87	3.32	3.25	3.42	2.58	2.51	2.48	2.40	2.44
284	460210	9.89	10.26	9.18	7.1	6.71	6.68	6.28	5.71	4.99	4.94	4.79	4.94	4.47	4.25	4.34	3.71	3.59
285	460290	3.59	3.92	4.00	3.30	3.94	2.85	2.70	2.62	2.41	2.58	3.02	3.57	3.20	2.97	2.95	3.18	3.19
286	480210	4.05	4.08	3.87	2.61	3.36	3.38	3.23	2.05	2.86	2.14	2.60	1.82	2.40	2.49	2.48	1.64	1.70
287	481730	3.17	3.17	3.25	3.38	3.93	3.78	3.11	2.21	2.53	2.43	1.94	1.95	2.09	1.48	1.98	1.17	1.36
288	481940	1.20	1.29	1.36	1.45	1.57	1.48	1.37	1.37	1.47	1.63	1.56	1.52	1.54	1.69	1.85	1.90	1.68
289	482010	1.84	2.07	1.87	1.84	1.89	2.21	2.28	2.26	2.38	2.15	2.12	1.89	2.12	2.29	2.47	2.36	2.19
290	482020	1.65	1.62	1.96	2.41	2.01	2.23	1.97	2.21	1.85	2.40	2.12	2.04	2.01	1.75	1.88	1.86	1.51
291	482050	2.46	3.35	3.51	2.85	3.23	3.29	2.86	2.82	2.82	2.48	2.63	2.63	3.17	3.21	3.49	2.85	2.67
292	482090	1.75	1.27	1.68	1.92	2.00	2.37	2.53	2.17	1.82	2.12	1.92	1.63	1.54	1.26	1.36	1.67	1.50
293	490300	2.08	2.91	3.82	3.79	3.73	3.61	3.49	3.57	3.54	3.30	2.85	2.40	2.85	2.85	3.22	3.19	2.87
294	500200	10.88	11.78	12.78	11.67	11.21	10.18	8.84	7.52	6.96	5.86	6.19	6.07	5.70	5.32	5.14	4.35	4.16
295	500390	9.20	9.55	10.31	9.80	8.11	6.56	6.45	5.63	5.43	5.02	4.75	4.43	4.09	4.18	3.92	3.55	3.47
296	500400	8.57	10.24	10.01	9.19	7.33	6.76	5.88	4.88	4.01	3.70	3.23	3.17	3.69	3.61	3.16	2.97	2.54
297	500500	10.33	10.81	10.75	10.48	9.73	8.92	8.30	7.53	6.83	6.67	5.52	5.29	5.39	4.97	4.81	4.12	3.75
298	500710	6.48	7.72	9.03	8.46	7.40	5.63	4.31	3.06	2.61	3.75	2.46	2.26	2.37	2.48	2.66	2.18	1.49
299	500720	5.14	5.25	5.75	5.79	5.60	5.36	4.82	4.77	4.40	4.23	3.76	3.42	3.60	3.71	3.52	3.28	2.76
300	500790	3.13	3.81	4.89	4.37	3.19	3.05	3.38	2.54	2.12	2.26	1.80	1.62	1.89	2.43	2.23	2.80	1.64
301	510510	2.61	1.83	2.31	1.52	1.13	1.33	2.48	2.82	2.99	3.58	2.32	1.40	1.62	3.63	2.55	1.25	1.82
302	510530	9.20	7.76	8.94	7.98	7.42	8.38	7.31	6.26	4.94	4.24	3.85	4.57	3.90	3.87	3.99	3.73	2.92
303	510540	8.66	12.31	7.60	9.76	8.53	7.85	6.29	5.19	2.78	3.13	4.28	5.27	4.70	5.49	5.54	4.29	4.39
304	510710	3.15	3.18	3.23	3.24	3.11	2.83	2.44	2.26	2.24	2.15	1.93	2.04	2.08	2.24	1.89	2.02	1.44
305	510810	6.80	6.91	9.14	9.32	8.02	6.83	7.96	5.57	5.33	5.67	5.11	5.15	4.94	4.53	4.22	4.03	3.75
306	510820	5.25	2.82	6.81	6.63	3.85	2.32	3.50	4.41	4.33	3.86	2.85	2.58	3.91	3.88	3.81	4.02	3.04
307	511300	4.39	8.90	7.89	2.51	3.17	1.93	2.08	4.20	4.00	4.34	3.82	3.87	3.05	2.40	2.76	2.17	1.46
308	520411	2.04	1.81	1.45	2.24	2.31	3.26	2.66	3.25	2.50	2.45	1.59	1.53	1.41	1.54	2.08	1.77	1.75
309	520420	3.14	2.79	2.06	3.80	3.93	2.69	1.82	1.85	1.98	1.20	1.72	1.45	1.43	1.46	1.74	1.64	2.11
310	520511	7.74	5.96	6.72	6.90	5.89	5.23	4.23	3.46	4.12	3.54	3.66	3.51	2.42	2.51	1.88	1.62	2.58
311	520514	8.71	5.96	5.41	6.05	5.67	5.91	5.64	5.04	4.30	4.53	3.94	3.96	2.58	1.89	1.65	3.41	3.97
312	520521	11.98	11.94	11.57	11.02	10.11	8.46	6.67	6.62	6.23	6.23	5.56	5.55	4.90	4.77	4.27	3.66	3.50
313	520522	4.11	3.68	4.88	4.38	4.08	3.85	3.11	2.40	1.85	2.48	2.25	2.21	2.17	2.17	2.06	2	2.04

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
314	520523	1.45	1.12	1.53	1.64	2.00	3.69	3.04	2.49	2.20	2.74	2.95	3.22	3.17	3.69	3.33	2.91	3.08
315	520524	2.81	1.36	2.01	2.56	3.24	4.86	4.66	3.74	3.18	3.88	4.07	4.06	4.05	4.02	3.80	3.51	3.77
316	520532	4.31	4.01	5.17	5.53	5.67	5.81	3.69	3.42	2.40	1.48	1.68	1.68	1.68	1.30	1.14	1.47	1.61
317	520533	3.96	1.88	2.57	3.72	4.55	2.73	2.12	2.14	2.42	3.43	2.69	3.80	2.71	1.64	1.79	2.73	3.19
318	520534	5.05	2.30	2.90	6.00	5.87	8.35	8.10	6.75	6.43	6.75	5.82	5.78	5.53	5.04	5.00	3.99	4.07
319	520535	12.43	13.12	13.50	12.00	10.65	9.38	5.87	4.11	4.70	2.20	3.85	4.23	5.65	4.47	1.78	3.21	3.18
320	520541	9.86	9.40	8.97	5.29	5.74	4.24	3.80	5.30	2.39	4.41	1.80	3.76	3.05	2.98	3.22	2.49	1.62
321	520542	4.48	5.56	6.99	8.37	9.43	9.10	7.96	7.26	6.47	6.29	5.13	5.22	5.00	4.68	4.32	3.58	3.40
322	520543	3.00	1.65	3.84	4.42	4.91	5.58	4.21	5.39	4.75	5.23	4.78	4.85	4.42	4.40	4.12	3.17	3.03
323	520544	7.65	4.86	8.07	7.44	8.64	8.30	7.58	6.33	5.96	5.98	5.11	5.22	4.72	3.91	3.47	2.86	2.90
324	520546	4.26	3.47	3.81	4.05	2.96	3.16	2.91	2.10	1.97	2.11	1.90	2.49	3.53	3.71	3.35	3.26	3.02
325	520614	2.13	3.88	9.90	7.43	9.41	7.28	5.22	5.32	5.55	6.20	5.16	4.58	4.07	3.30	3.29	2.58	2.59
326	520632	3.35	4.19	1.96	3.69	4.45	4.06	4.56	4.00	4.82	4.89	5.19	5.13	4.71	4.36	3.75	3.35	3.89
327	520642	3.61	1.71	1.85	2.65	6.03	6.39	6.74	6.19	5.05	4.71	4.59	4.13	3.42	3.48	3.15	3.15	4.42
328	520811	7.45	6.90	8.51	7.26	5.88	5.28	4.61	3.80	3.45	4.08	2.40	2.29	3.21	3.83	4.84	4.21	4.37
329	520812	6.63	6.26	6.78	5.95	4.90	4.18	4.93	4.52	4.17	3.92	3.50	3.24	3.36	3.55	3.41	2.64	2.68
330	520813	5.10	5.42	5.03	5.62	4.87	5.77	5.39	3.92	4.05	2.93	3.20	2.36	2.44	2.33	1.69	1.50	1.54
331	520819	3.34	2.76	2.99	3.30	2.55	3.37	1.26	1.61	1.49	1.91	1.49	1.43	3.08	3.62	3.70	2.90	3.08
332	520821	5.80	5.71	6.76	6.62	6.82	6.70	6.09	4.01	2.86	3.80	3.19	3.05	3.72	3.43	3.92	3.21	3.08
333	520822	4.95	4.24	5.14	4.97	4.20	3.72	3.36	2.78	2.36	2.31	2.08	2.39	2.44	2.63	2.73	2.43	2.42
334	520829	1.61	2.14	3.66	3.81	3.41	2.86	2.78	2.89	2.98	3.07	3.00	2.50	2.48	2.44	2.94	2.56	2.55
335	520831	7.77	7.39	7.64	5.57	5.40	4.86	3.86	2.61	3.51	3.23	2.91	3.28	3.22	2.98	2.82	2.60	2.61
336	520832	3.55	3.23	3.15	2.96	2.75	2.73	2.84	2.74	2.59	2.89	2.80	2.92	2.86	2.97	2.74	2.55	2.74
337	520833	6.23	5.66	5.67	5.52	4.39	3.52	2.82	2.11	1.87	1.65	1.64	1.67	1.78	1.67	1.83	2.08	1.65
338	520839	2.40	2.70	3.12	3.11	3.65	4.44	4.43	3.65	3.53	3.89	3.40	3.60	3.51	3.74	3.60	3.24	3.04
339	520842	4.10	4.10	4.79	4.38	4.19	3.92	3.81	3.76	3.80	3.87	3.73	3.76	3.80	3.91	3.96	3.61	3.56
340	520843	5.15	5.36	5.13	4.81	4.86	4.56	4.34	3.91	3.30	3.21	2.85	2.28	3.19	3.73	3.69	3.59	3.55
341	520851	5.37	5.15	4.97	4.54	5.33	4.32	4.02	3.39	3.26	3.72	3.12	2.99	2.77	2.27	2.75	2.31	2.35
342	520852	1.43	1.03	1.05	1.81	2.20	2.51	3.14	3.36	3.46	3.39	3.98	4.29	3.98	3.98	4.01	3.27	3.24
343	520859	1.35	1.37	1.60	1.21	1.43	1.62	1.39	1.53	1.60	1.33	1.52	1.82	2.03	2.22	2.55	2.51	2.27
344	520919	2.65	2.14	2.14	2.15	2.50	2.58	3.51	4.04	3.35	3.52	2.43	2.14	2.16	1.79	2.25	2.17	1.98
345	520922	1.77	1.58	2.01	2.98	3.18	2.99	2.80	2.57	2.06	1.90	1.90	1.51	1.26	1.13	1.07	1.22	1.04
346	520929	1.31	1.76	1.93	2.15	1.49	1.81	2.31	2.20	1.97	1.72	1.86	2.21	1.91	2.19	2.41	2.48	2.21
347	520931	2.88	3.38	4.23	3.62	3.55	3.50	3.60	2.99	2.62	1.01	2.37	2.23	2.49	2.71	2.82	2.60	2.73
348	520932	2.20	2.95	3.30	3.77	3.30	3.32	3.09	2.80	2.57	2.61	2.29	2.05	2.13	1.95	1.64	1.73	1.85
349	520939	1.33	1.73	2.01	1.50	1.39	2.39	2.94	3.01	3.18	3.20	3.01	2.87	2.88	2.97	3.11	2.97	2.95
350	520941	3.80	3.72	3.03	2.99	2.16	2.18	2.44	2.50	2.01	2.05	1.97	2.19	1.58	1.98	1.70	1.51	1.73
351	520942	2.57	2.95	2.88	2.52	2.76	2.91	2.61	1.93	2.10	2.18	1.98	2.20	2.04	2.02	1.97	1.79	1.65
352	520943	2.42	2.31	2.80	1.50	2.08	1.95	2.08	3.96	2.87	3.23	3.74	3.53	3.47	4.05	4.15	3.24	3.29
353	521011	6.46	4.48	3.02	1.82	1.50	2.46	2.23	1.37	1.59	1.63	1.55	1.45	1.95	2.24	2.15	1.45	1.54

(Contd.)

Table E2: *(Contd.)*

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
354	521041	3.91	4.25	4.03	3.50	3.96	4.18	4.11	3.67	3.80	3.99	3.46	3.73	3.79	4.12	4.25	3.51	3.47
355	521142	6.30	4.13	4.68	4.53	3.88	3.57	3.82	3.85	4.22	4.62	3.32	3.56	3.24	3.46	3.61	3.25	3.31
356	521212	1.65	1.00	1.28	2.04	1.87	2.82	2.32	1.60	1.69	2.25	1.99	2.89	2.15	1.62	1.76	1.35	1.11
357	530599	11.79	11.84	12.34	9.57	9.39	8.03	7.21	5.37	5.61	5.34	1.38	1.33	1.93	1.85	2.20	2.19	3.36
358	530610	2.33	1.98	2.18	2.41	1.44	1.46	1.15	1.82	2.44	2.63	2.40	2.32	2.76	2.98	3.20	3.36	2.92
359	530720	10.34	9.45	10.46	7.18	8.25	5.26	7.16	7.18	5.24	4.54	3.06	5.01	4.20	4.87	4.67	3.77	3.02
360	530810	12.13	12.64	11.14	5.70	5.93	7.61	6.66	4.53	5.21	4.82	3.85	3.66	3.36	3.08	3.83	3.73	3.72
361	530820	7.36	10.24	9.30	8.22	5.95	4.66	6.07	5.05	3.44	4.45	3.95	3.52	3.60	5.31	5.22	4.00	4.09
362	530890	11.28	11.49	9.28	9.97	10.37	8.75	7.55	5.78	4.73	4.47	3.73	3.84	3.12	4.00	4.75	3.72	3.02
363	530911	5.96	4.27	4.94	4.96	4.30	4.51	3.73	3.40	3.26	2.99	2.53	2.43	2.72	2.59	2.48	2.24	1.84
364	530919	2.88	2.61	1.83	1.99	1.85	2.17	1.85	1.50	1.57	1.72	1.48	1.64	1.88	1.95	2.06	2.41	1.87
365	530921	6.58	6.81	7.35	7.42	5.21	5.31	4.64	3.95	3.79	4.02	2.93	3.25	3.49	3.67	3.60	3.33	2.93
366	530929	2.72	3.53	3.73	4.56	4.43	3.82	2.98	2.34	2.42	2.45	2.12	2.06	2.28	2.61	2.77	2.91	2.40
367	531010	8.59	7.81	8.27	7.11	8.91	4.16	4.76	4.74	4.30	3.67	3.67	5.46	4.64	5.02	5.08	4.06	4.08
368	531100	8.20	7.95	9.70	8.97	8.43	6.87	5.92	5.51	4.82	4.77	4.20	3.80	4.80	4.77	4.89	4.20	4.28
369	540310	4.18	4.62	5.62	3.59	4.60	4.06	2.07	1.77	1.70	1.79	1.24	1.27	1.55	1.60	3.10	2.68	2.47
370	540331	5.30	4.09	5.38	5.40	4.45	5.65	5.26	4.63	4.47	5.18	5.20	4.55	5.03	4.89	4.97	4.18	4.10
371	540349	1.78	1.90	2.53	2.46	3.31	3.00	2.19	2.61	2.29	2.04	1.95	2.58	2.86	2.63	2.09	2.27	1.96
372	540751	2.03	2.37	2.21	1.51	1.30	1.27	1.26	1.04	1.33	2.01	2.17	2.56	2.35	2.93	3.24	3.12	3.45
373	540752	1.39	1.52	1.80	1.99	2.71	3.89	4.68	4.83	4.58	4.41	4.10	4.12	3.96	3.76	3.89	3.25	3.71
374	540754	2.73	2.38	2.80	3.11	4.71	6.44	6.93	6.53	5.23	4.83	4.23	4.21	4.38	4.29	4.47	3.67	3.73
375	550390	2.29	2.36	2.50	2.45	3.30	2.82	2.99	2.25	2.48	2.48	2.36	2.01	1.30	1.32	1.37	1.15	1.16
376	550810	6.32	6.46	6.33	5.76	5.41	4.98	4.74	4.49	4.15	4.18	4.10	4.10	4.01	3.75	3.94	3.14	3.24
377	550922	3.72	3.65	2.76	2.70	2.70	2.48	3.06	2.76	2.29	2.05	2.33	2.04	1.86	2.05	2.25	2.23	2.47
378	550932	3.35	3.22	3.27	3.25	3.34	3.33	3.27	2.88	2.58	2.77	2.68	2.64	2.62	2.27	2.16	1.85	1.77
379	550941	3.38	3.42	3.64	3.78	1.32	1.36	1.54	1.17	1.44	1.55	3.14	2.55	3.07	2.37	2.00	2.66	2.86
380	550942	3.38	3.59	4.09	4.29	3.48	2.81	2.43	1.98	1.47	2.30	2.22	2.13	2.09	1.60	1.51	1.23	1.11
381	550951	4.93	3.52	3.80	3.31	3.45	3.67	3.30	2.53	1.86	2.02	2.34	1.96	1.64	2.08	2.32	1.70	1.79
382	550962	4.06	3.75	3.98	4.13	5.09	4.01	3.78	3.58	3.10	3.18	2.77	2.49	2.63	2.75	3.08	2.51	2.34
383	550969	2.46	2.86	2.62	1.73	2.24	2.35	2.84	2.82	2.54	2.54	2.42	2.30	2.02	2.26	2.76	2.37	2.34
384	550991	2.44	3.44	2.48	1.60	1.61	1.27	1.21	1.24	3.08	2.59	2.31	1.98	1.13	1.90	5.38	4.44	3.59
385	550999	3.28	2.81	3.09	2.09	1.44	1.27	1.56	2.07	1.18	1.58	1.88	2.11	1.81	1.65	1.90	2.44	2.31
386	551012	2.47	2.56	3.90	3.96	3.71	4.37	4.12	4.10	3.86	3.18	2.78	2.94	2.90	3.02	3.58	2.87	2.96
387	551020	7.47	4.00	4.56	5.20	5.10	3.78	3.03	2.75	3.45	2.90	2.46	2.98	2.29	2.32	2.19	2.69	1.61
388	551030	3.28	4.24	3.75	5.11	3.70	3.46	2.61	2.01	2.82	2.71	2.21	2.47	2.19	2.52	2.54	1.71	2.08
389	551090	3.25	2.64	1.23	1.55	1.51	2.06	2.15	1.95	2.64	2.55	1.97	2.10	2.38	2.46	2.44	2.45	2.31
390	551211	2.46	3.06	4.20	4.27	2.60	1.87	2.01	1.65	1.62	2.20	2.46	2.62	3.33	3.13	3.35	2.88	3.32
391	551219	1.37	1.71	1.55	1.55	1.77	1.68	1.65	1.53	1.59	1.78	1.86	2.42	2.46	2.10	2.22	1.99	2.18
392	551311	6.36	6.63	7.71	7.30	6.54	5.90	5.15	4.32	4.11	4.01	3.43	3.62	3.15	2.90	2.91	2.46	2.55
393	551313	5.29	2.58	4.32	5.23	5.36	2.64	2.71	2.98	3.64	3.68	3.26	2.63	3.28	3.15	3.17	2.81	3.1

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
394	551319	3.33	2.65	1.42	1.50	2.09	2.53	1.52	1.35	2.01	2.67	2.17	2.05	4.25	3.46	2.46	1.23	1.33
395	551321	5.80	6.89	5.80	5.53	5.44	4.74	4.13	4.13	4.22	4.42	3.79	3.85	3.85	3.59	3.94	3.16	3.26
396	551323	8.67	6.30	5.60	5.12	5.71	3.24	3.22	4.35	5.42	5.76	4.59	4.90	4.50	4.10	4.13	3.18	3.45
397	551329	6.80	7.39	5.88	5.52	4.45	2.22	3.24	4.81	4.81	4.93	4.84	4.72	4.07	4.17	3.76	3.47	3.23
398	551331	6.87	8.22	7.11	6.66	6.59	5.23	4.47	5.11	4.63	4.49	4.40	4.65	4.55	4.43	4.40	3.60	3.43
399	551341	4.92	4.74	5.09	4.96	4.31	3.63	3.13	4.06	4.05	3.88	2.98	3.49	3.03	2.60	2.91	2.75	2.79
400	551349	3.13	3.32	3.18	2.65	1.49	1.18	1.29	1.94	1.75	1.17	2.55	2.55	3.07	4.01	4.03	3.44	3.12
401	551411	1.81	1.59	2.74	3.01	2.14	2.01	2.21	2.24	2.52	3.14	2.66	2.66	2.37	1.51	2.25	2.06	1.87
402	551421	3.09	3.84	4.24	4.04	3.81	2.72	2.58	2.70	2.45	2.37	2.91	2.97	3.25	3.24	2.98	2.19	2.58
403	551423	3.96	2.28	1.69	6.11	7.19	4.54	2.12	3.45	2.68	4.10	4.69	5.10	4.90	4.88	4.91	3.96	3.90
404	551441	5.25	2.77	3.39	5.45	4.76	4.57	5.13	4.89	5.54	3.38	2.75	3.31	3.62	2.09	3.29	3.53	3.28
405	551443	4.86	2.55	2.17	1.73	3.01	1.85	1.72	3.69	3.23	4.39	3.95	4.23	3.27	3.29	3.46	2.92	3.34
406	551449	1.38	1.04	1.24	1.88	1.44	1.61	1.09	1.95	2.30	2.48	1.40	1.60	2.86	3.17	3.56	1.72	1.96
407	551511	5.12	4.23	3.43	3.05	3.32	3.09	2.83	2.88	3.40	3.98	3.41	2.34	3.39	3.73	3.91	3.24	3.22
408	551611	7.83	8.14	7.85	7.17	6.47	5.86	4.11	3.42	3.44	3.25	2.67	2.94	3.79	3.92	3.67	3.08	3.04
409	551612	1.64	1.47	1.31	1.72	2.01	1.43	1.65	1.81	1.92	2.50	2.39	2.53	2.92	3.30	3.70	3.33	3.52
410	551614	1.22	1.20	1.22	1.39	1.87	2.20	2.57	3.27	3.16	4.25	3.62	4.04	3.96	3.52	3.92	3.59	3.37
411	551641	2.69	2.19	2.40	3.08	2.02	2.17	2.48	2.48	1.70	1.69	2.55	3.53	3.54	3.83	3.45	3.16	3.03
412	551691	3.37	2.51	2.24	1.94	1.75	3.31	4.21	3.87	3.88	3.67	3.62	3.62	2.98	3.16	2.86	3.07	3.02
413	560410	5.44	4.68	4.62	3.15	2.82	2.50	1.90	1.75	1.69	1.73	1.81	2.30	2.39	2.40	2.76	2.78	2.97
414	560721	9.09	8.69	8.28	8.55	7.47	5.57	5.14	5.08	4.81	5.17	3.87	4.38	3.49	2.58	3.01	3.18	2.66
415	560729	1.30	1.64	1.39	1.55	1.60	1.97	1.45	2.09	1.47	1.80	1.63	1.72	1.13	1.60	2.18	2.54	2.22
416	560750	1.59	1.73	1.74	1.57	1.15	1.25	1.08	1.14	1.45	1.43	1.25	1.77	1.74	1.73	1.81	1.61	1.56
417	560790	2.54	2.09	2.75	1.91	1.96	1.50	1.45	1.12	1.28	1.35	1.13	1.55	1.60	1.32	1.36	1.46	1.44
418	560811	3.94	4.02	2.56	2.53	2.60	2.84	2.90	2.68	2.66	2.66	2.34	2.36	2.28	2.24	2.37	2.25	2.20
419	560819	2.25	1.54	1.99	1.53	1.27	1.09	1.38	1.19	1.28	1.24	1.29	1.53	1.70	1.87	1.74	1.67	1.84
420	560890	4.48	3.76	1.50	1.98	1.98	1.93	1.66	1.27	1.91	1.96	1.52	2.35	2.65	2.66	2.57	2.49	2.19
421	570110	3.01	3.77	3.87	3.15	3.41	3.14	2.22	2.02	2.09	2.25	3.00	2.56	2.32	1.64	1.10	2.09	2.08
422	570190	7.71	7.82	8.93	8.09	6.79	6.58	5.43	4.91	4.23	4.11	3.57	2.51	1.83	1.60	1.53	1.54	1.64
423	570210	3.59	3.63	2.94	3.22	2.96	2.29	2.15	1.80	1.74	1.31	1.51	1.11	1.20	1.04	1.31	2.01	1.88
424	570220	5.02	9.12	7.11	6.28	7.59	6.97	6.83	7.03	6.40	5.86	5.29	4.90	4.93	4.58	4.60	3.91	4.02
425	570231	5.29	4.74	5.45	6.17	4.87	4.52	4.18	4.08	3.78	3.30	2.11	1.59	1.24	1.54	1.37	1.18	1.38
426	570310	3.19	4.11	4.34	3.64	3.39	3.01	2.47	2.09	2.21	2.07	2.03	2.06	1.92	2.31	2.34	2.12	2.04
427	570500	2.96	4.52	4.86	4.40	4.59	4.59	3.94	3.85	3.65	3.70	3.45	3.72	3.64	3.76	3.76	3.18	3.07
428	580121	4.27	3.77	3.44	2.71	2.02	1.51	3.46	3.29	2.78	3.06	4.65	5.94	4.99	4.77	5.15	4.24	3.86
429	580122	6.43	5.96	6.49	6.72	5.77	5.82	5.67	5.69	5.29	5.10	4.63	4.61	4.43	4.09	4.18	3.60	3.39
430	580123	6.83	6.57	6.47	7.66	7.03	6.23	5.51	4.79	4.92	5.32	6.47	6.28	5.61	4.85	5.31	3.96	3.29
431	580131	1.75	3.88	6.03	2.76	2.53	5.40	4.15	4.00	4.40	5.45	5.40	4.98	5.36	5.17	5.19	4.31	4.34
432	580132	3.64	3.32	3.46	3.74	2.03	1.28	1.45	1.11	1.84	3.60	4.97	4.82	4.32	3.60	3.84	3.40	3.47
433	580133	4.72	4.73	5.20	4.84	4.62	6.51	6.09	6.26	5.68	5.22	5.94	5.87	5.25	5.02	5.10	4.09	3.99

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
434	580230	2.10	3.53	2.78	2.29	2.71	3.78	3.02	2.85	3.62	3.13	5.79	5.27	5.22	4.05	3.75	2.82	2.89
435	580390	2.08	2.76	4.78	4.27	4.88	4.38	3.97	4.15	2.61	2.65	2.76	2.95	2.66	2.90	2.81	1.97	1.56
436	580421	1.27	1.16	1.16	1.15	1.13	1.37	1.46	1.89	1.94	2.22	2.24	2.24	2.43	2.48	2.51	2.47	2.47
437	580430	5.96	6.27	6.55	4.14	3.60	1.67	1.80	1.46	2.31	1.57	1.80	1.76	2.17	2.49	2.82	2.06	3.50
438	580610	1.32	1.54	1.99	2.05	2.31	2.63	2.20	1.95	1.84	2.30	2.35	2.22	2.89	2.78	2.77	2.14	2.12
439	580620	2.71	2.07	1.95	1.63	1.76	1.61	1.44	1.30	1.34	1.40	1.39	1.50	1.50	1.70	1.84	1.87	2.07
440	581091	2.90	1.54	2.28	2.50	1.46	2.56	2.47	2.37	3.67	4.13	3.77	3.64	3.34	3.40	3.26	2.87	2.90
441	581099	4.20	4.20	4.83	3.68	3.75	3.06	3.05	3.09	4.00	3.93	2.72	2.45	1.84	1.97	1.86	2.04	2.03
442	590190	3.14	3.44	5.05	4.21	4.14	4.17	4.14	4.18	4.23	3.69	3.38	3.89	3.79	3.83	3.94	3.42	3.32
443	590900	2.22	1.54	1.53	1.32	1.46	1.45	1.42	1.75	1.48	1.49	1.39	1.64	1.58	1.56	1.86	1.51	1.37
444	600292	4.01	4.38	4.45	4.18	3.85	4.45	3.80	3.46	3.22	3.40	3.16	2.85	2.86	2.72	2.73	2.35	2.40
445	610120	1.64	5.16	3.18	5.69	4.06	5.13	5.18	2.92	1.93	2.73	2.66	2.96	2.58	2.25	1.93	1.91	1.58
446	610130	2.36	6.16	3.95	2.90	3.09	2.67	3.38	2.38	2.29	2.17	2.01	2.40	2.26	2.64	2.56	2.41	2.27
447	610230	1.97	3.06	3.02	3.07	2.49	2.77	2.76	2.19	2.31	2.79	2.71	2.38	1.88	2.27	2.55	2.36	2.07
448	610322	3.88	8.13	6.55	6.18	5.94	5.03	4.70	4.64	5.32	6.28	6.10	5.66	5.09	5.07	5.03	4.34	4.21
449	610323	7.67	12.21	11.67	9.16	8.59	8.62	8.32	7.79	6.83	6.74	6.26	6.05	5.84	5.50	5.40	4.43	4.33
450	610329	6.06	6.28	8.51	7.04	6.11	5.90	4.81	4.96	3.39	5.95	2.98	2.64	1.32	1.36	1.05	2.26	1.49
451	610332	8.95	9.48	8.82	9.86	8.53	7.62	6.58	6.22	4.97	5.19	5.00	5.18	5.11	5.06	4.97	4.22	4.27
452	610333	9.52	10.29	10.31	9.81	9.02	7.88	7.25	6.95	5.73	5.77	5.43	5.50	5.24	4.96	4.99	3.94	3.96
453	610342	5.27	4.97	3.79	3.47	3.21	3.20	3.01	2.67	3.55	4.88	5.63	4.81	4.28	4.20	4.23	3.79	3.65
454	610343	4.81	6.48	6.58	5.20	4.47	4.15	4.62	4.69	4.22	4.54	4.65	4.43	4.24	3.99	3.93	3.43	3.33
455	610422	4.47	4.77	5.26	5.56	5.27	5.14	5.25	5.59	5.72	5.90	5.86	5.46	5.11	4.80	4.73	4.26	4.20
456	610423	6.85	9.06	10.53	8.64	7.98	8.14	8.09	7.63	6.72	6.46	5.87	5.85	5.72	5.35	5.31	4.34	4.19
457	610429	5.12	4.20	4.59	4.60	3.91	3.46	3.92	4.04	2.46	3.73	4.12	2.70	3.33	3.09	2.64	3.46	3.01
458	610431	1.91	1.70	2.58	2.30	2.08	2.67	3.07	2.79	1.84	2.01	1.73	2.04	2.16	1.98	1.86	1.77	1.49
459	610432	2.69	5.84	6.91	7.04	7.23	7.05	6.04	5.96	4.41	4.79	4.49	4.85	4.99	5.12	5.21	4.33	4.38
460	610433	4.92	8.25	9.76	8.87	7.97	7.66	7.52	7.27	4.69	5.25	4.98	5.17	5.16	4.92	4.93	4.13	4.15
461	610439	6.91	7.66	7.65	7.86	7.80	7.37	6.64	5.30	2.81	3.00	3.14	2.55	2.57	2.34	2.34	2.74	2.58
462	610442	1.25	1.55	1.74	2.33	2.07	2.12	1.99	1.70	2.16	3.38	2.35	2.51	2.51	2.54	2.75	2.89	3.01
463	610443	2.53	3.45	2.05	1.86	1.72	1.59	1.57	1.59	2.28	3.37	2.55	3.00	2.66	2.72	2.97	2.86	2.79
464	610452	2.39	1.91	2.34	1.96	1.84	2.20	2.09	2.26	2.63	3.68	3.36	3.79	3.83	4.31	4.46	3.82	3.99
465	610453	2.61	2.19	3.24	2.71	2.34	2.84	3.02	3.16	2.55	3.54	3.38	3.78	3.94	3.76	3.86	3.47	3.33
466	610462	2.53	2.83	1.40	1.67	1.73	2.21	2.19	2.44	2.94	4.16	4.95	3.53	3.21	3.35	3.52	3.37	3.28
467	610463	4.37	4.08	3.54	2.62	2.39	2.81	3.33	3.66	3.36	3.96	3.82	3.56	3.60	3.55	3.63	3.32	3.27
468	610510	1.74	2.21	1.96	1.99	2.17	2.09	1.45	1.49	1.28	1.69	1.90	2.04	1.94	1.89	1.86	1.83	1.78
469	610711	5.17	4.34	3.24	2.89	2.92	2.73	2.75	2.38	2.41	2.67	2.77	3.02	2.69	2.67	2.54	2.59	2.62
470	610712	2.82	6.17	5.72	2.90	1.70	2.07	2.49	2.68	2.82	3.34	2.94	3.39	3.09	3.25	3.49	3.00	3.05
471	610721	2.78	4.10	4.71	5.06	4.44	4.21	3.36	3.38	3.60	3.88	3.65	3.87	3.61	3.32	3.15	2.65	2.71
472	610722	1.84	6.83	6.92	5.70	4.70	3.95	4.20	3.33	4.50	5.21	5.12	5.14	4.97	3.28	4.23	4.11	4.18
473	610821	5.53	3.72	2.92	2.18	1.93	2.05	1.90	1.77	1.92	2.27	2.23	2.54	2.52	2.44	2.50	2.41	2.48

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
474	610822	6.16	4.80	4.90	3.34	2.23	2.39	2.34	2.31	2.04	2.57	2.27	2.17	2.09	2.39	2.18	2.21	2.15
475	610831	1.91	2.80	2.76	2.66	3.01	2.89	3.05	3.12	3.30	3.58	3.52	3.72	3.57	3.23	2.87	2.47	2.53
476	610832	9.87	8.97	8.38	7.09	5.68	5.56	6.11	5.92	5.21	5.46	5.05	5.13	4.82	4.47	4.41	3.80	3.77
477	610892	1.80	3.39	4.88	3.84	3.44	4.62	5.33	5.00	4.81	4.76	4.85	4.76	4.54	4.49	4.40	3.79	3.81
478	610910	2.93	2.51	2.66	2.58	2.68	2.47	2.20	1.94	2.06	2.25	2.11	2.01	1.82	1.74	1.68	1.58	1.49
479	610990	3.86	3.60	3.47	2.86	2.35	2.00	1.96	2.02	2.04	2.45	2.21	2.13	1.66	1.92	1.93	1.93	1.99
480	611010	2.33	2.51	2.87	2.64	2.37	2.20	1.98	1.89	2.03	2.24	1.82	2.04	1.92	1.97	1.98	2.25	1.72
481	611020	1.73	1.75	2.01	2.26	2.41	2.16	1.85	1.73	2.14	2.63	2.93	2.63	2.72	2.80	2.83	2.68	2.44
482	611030	2.57	2.76	3.05	3.00	2.86	2.85	2.80	2.86	3.27	3.67	3.46	3.60	3.53	3.36	3.40	3.06	2.83
483	611090	6.25	6.85	7.78	6.52	5.47	4.21	3.49	2.96	2.50	2.05	2.10	1.75	1.54	1.38	1.19	2.17	1.71
484	611120	2.01	2.21	2.11	2.31	2.33	3.06	3.59	3.83	3.92	4.00	3.67	3.66	3.57	3.46	3.32	2.89	2.78
485	611130	2.92	2.47	2.97	2.34	2.67	3.44	4.14	4.54	4.43	4.60	3.99	4.22	3.93	3.79	3.80	3.50	3.48
486	611211	1.20	2.60	2.79	3.07	3.67	3.85	4.27	3.97	3.81	4.33	5.30	3.64	3.89	3.44	2.82	2.58	2.31
487	611212	3.89	4.55	5.68	5.77	4.83	5.36	5.31	4.81	4.38	4.38	4.47	3.73	3.64	3.16	3.33	3.10	3.01
488	611231	1.85	2.00	1.51	1.68	1.32	1.22	1.15	1.66	1.80	2.41	3.09	1.86	1.87	1.97	1.86	1.75	1.66
489	611300	2.38	3.48	4.19	5.30	4.99	3.57	3.37	3.80	2.71	1.95	2.36	1.44	1.75	1.59	1.48	1.32	1.37
490	611430	2.85	1.61	1.00	1.40	1.56	1.68	2.00	2.12	1.82	1.84	1.96	1.96	1.99	2.19	2.14	2.20	2.30
491	611593	3.09	3.30	3.83	4.24	3.94	3.47	3.04	3.77	3.83	3.94	4.14	4.51	4.20	3.97	4.01	3.59	3.44
492	611610	2.13	1.61	1.63	1.45	1.55	1.75	1.82	1.90	1.90	1.94	2.05	2.24	2.06	2.23	2.50	2.02	2.21
493	611691	7.17	7.27	7.98	7.36	7.00	5.86	5.04	4.86	4.51	4.02	3.65	3.56	3.38	3.38	3.12	3.12	3.29
494	611692	8.54	8.17	7.29	6.63	5.59	7.12	6.71	5.91	5.66	5.35	4.91	4.87	4.75	4.27	4.40	3.71	3.72
495	611693	6.09	6.11	5.94	4.91	4.70	4.97	4.49	4.17	4.00	4.09	3.79	3.75	3.89	3.63	3.73	3.22	3.15
496	611699	4.12	6.04	4.44	3.75	4.45	6.18	6.00	5.81	5.23	4.90	4.28	3.86	3.78	3.73	3.41	2.79	2.74
497	611710	2.43	3.19	4.63	6.11	5.54	5.72	5.14	5.14	4.53	4.11	3.56	3.65	3.62	3.58	3.66	3.32	3.17
498	611790	1.48	1.82	1.51	1.31	1.63	1.79	1.62	1.55	1.18	1.29	1.31	1.38	1.53	1.62	1.36	1.49	1.57
499	620111	2.43	2.54	2.91	3.99	3.10	2.17	2.43	2.03	1.44	1.65	1.60	1.68	1.87	1.96	1.98	1.93	1.48
500	620113	5.04	4.45	4.61	3.35	3.02	2.57	2.58	2.02	1.80	2.08	1.96	1.53	1.46	1.52	1.70	2.04	1.62
501	620191	1.61	1.69	2.75	2.55	2.78	3.09	2.87	2.65	2.76	2.94	2.81	3.19	2.83	2.87	2.77	2.66	1.83
502	620192	3.22	3.27	2.89	2.41	2.25	2.07	2.69	2.97	3.10	3.59	3.37	3.18	3.26	3.26	3.19	2.83	2.71
503	620193	5.74	5.52	5.40	5.12	4.96	5.45	5.22	5.09	4.97	4.80	4.11	4.03	3.86	3.70	3.51	3.31	3.07
504	620211	2.44	2.44	3.27	2.47	2.45	2.05	2.26	1.57	1.34	1.76	1.69	1.64	1.82	1.81	1.71	1.80	1.28
505	620212	2.79	3.18	2.93	2.22	2.04	2.17	2.41	2.12	1.89	2.31	2.03	2.07	2.02	2.07	2.02	1.89	1.62
506	620213	3.76	3.46	3.51	3.66	3.36	3.14	3.11	2.59	2.63	2.83	2.47	2.45	2.53	2.68	2.78	2.76	2.44
507	620291	3.79	4.06	3.73	3.29	3.92	4.10	4.67	3.68	3.21	3.83	3.08	2.72	2.17	2.13	1.90	1.77	1.42
508	620292	3.11	3.41	2.89	2.58	2.29	2.87	3.83	3.60	3.56	3.88	3.55	3.33	3.21	3.36	3.45	3.02	2.76
509	620293	4.53	4.24	5.04	4.69	4.61	5.70	5.65	5.12	4.85	4.96	4.47	4.31	3.99	3.88	3.76	3.36	3.20
510	620311	1.86	1.80	2.20	2.52	2.88	2.42	1.77	1.83	1.96	1.95	1.73	1.62	1.63	1.57	1.52	1.56	1.23
511	620312	1.54	1.60	1.99	2.48	2.57	2.49	2.58	2.96	3.54	4.01	4.32	4.50	4.46	4.37	4.27	3.52	3.47
512	620322	7.35	6.74	4.92	4.26	4.03	3.85	3.29	2.86	2.74	2.31	1.73	1.12	1.16	1.51	1.18	1.29	1.33
513	620323	9.40	8.39	8.49	6.09	5.81	4.36	3.53	3.18	2.58	2.49	2.61	2.39	2.42	2.43	2.50	2.85	2.70

(Contd.)

Table E2: *(Contd.)*

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
514	620332	7.31	6.46	5.78	5.50	6.09	4.96	3.08	2.89	2.84	2.93	2.71	2.76	2.64	2.57	2.47	2.39	2.34
515	620333	6.27	5.60	5.73	5.33	4.60	3.08	2.75	2.46	2.87	2.88	2.79	3.24	3.27	3.01	3.06	2.69	2.40
516	620341	2.19	1.63	1.68	1.80	1.71	1.54	1.28	1.14	1.33	1.44	1.08	1.47	1.56	1.50	1.34	1.45	1.15
517	620342	2.17	2.04	2.20	2.13	1.99	1.55	1.38	1.24	1.38	1.62	1.47	1.52	1.61	1.64	1.64	1.59	1.50
518	620343	4.07	3.69	3.65	3.29	3.02	2.64	2.71	2.49	2.65	2.79	2.58	2.55	2.76	2.63	2.76	2.50	2.37
519	620413	1.59	2.04	2.29	3.30	3.18	2.74	2.13	2.32	2.79	3.58	3.11	2.66	2.81	2.40	2.50	2.86	2.93
520	620422	4.95	5.10	5.87	5.64	5.30	4.85	4.14	3.67	3.69	3.41	2.51	1.59	1.55	1.52	1.50	1.78	1.05
521	620423	7.24	7.05	8.17	7.51	6.36	5.68	4.99	4.41	3.83	3.40	2.96	3.03	2.56	2.73	2.71	2.42	2.31
522	620432	5.89	5.01	6.10	5.52	4.51	3.98	3.25	2.90	3.15	3.37	3.08	3.23	3.35	3.25	2.97	2.63	2.92
523	620433	4.83	3.71	3.84	4.25	3.71	2.99	2.67	2.27	2.48	2.59	2.59	2.88	3.08	3.05	3.03	2.60	2.83
524	620439	3.98	3.36	3.48	4.16	4.03	3.60	3.05	2.65	2.27	2.27	1.94	1.86	1.84	1.72	1.83	2.07	2.05
525	620442	4.93	5.27	5.19	4.62	5.07	3.87	2.97	2.67	2.82	2.99	2.83	2.87	2.92	2.77	2.75	2.52	2.28
526	620443	4.16	4.85	4.91	4.18	4.10	3.16	2.54	2.20	2.36	2.03	2.11	2.25	2.28	2.30	2.29	2.18	2.18
527	620444	1.63	1.74	1.48	1.56	1.50	1.51	1.45	1.18	1.84	2.32	1.85	1.80	1.79	1.90	2.01	2.12	1.86
528	620451	1.34	1.75	1.97	2.41	2.35	2.70	2.46	2.06	2.02	1.73	1.40	1.37	1.18	1.30	1.35	1.60	1.25
529	620452	5.25	5.35	5.39	4.84	4.02	3.14	2.76	2.56	3.27	3.41	2.85	2.70	2.73	2.67	2.63	2.43	2.38
530	620453	3.95	4.30	3.76	3.63	3.34	2.68	2.34	2.21	2.57	2.59	2.28	2.25	2.31	2.42	2.52	2.37	2.32
531	620459	3.09	2.99	3.17	3.50	3.33	3.03	3.04	3.04	2.67	2.39	1.98	1.91	1.96	2.10	2.19	2.20	1.97
532	620462	2.11	2.02	2.12	2.02	2.13	2.21	2.05	1.74	2.01	2.31	2.19	2.23	2.53	2.55	2.49	2.36	2.15
533	620463	2.45	2.18	2.14	1.95	1.94	1.68	1.62	1.57	1.65	1.81	1.68	1.80	1.81	1.85	1.88	1.82	1.79
534	620469	2.60	2.51	2.69	2.53	2.64	2.49	2.71	2.95	2.51	2.65	2.23	2.10	1.88	1.87	2.04	1.91	1.97
535	620520	3.80	3.65	3.69	3.63	3.30	2.62	2.21	2.06	2.12	2.22	1.99	2.14	2.18	2.24	2.22	2.05	1.97
536	620530	5.20	5.43	5.50	4.77	4.84	4.23	4.34	4.05	4.04	4.17	3.81	3.79	3.51	3.06	3.35	2.94	2.76
537	620590	6.24	5.83	5.51	5.35	5.37	3.30	3.25	2.98	2.06	1.91	1.98	2.46	2.25	1.88	1.66	2.41	2.28
538	620610	9.46	9.65	9.53	9.10	7.94	6.42	6.00	5.15	3.80	3.48	2.79	2.12	1.85	1.79	1.59	1.69	1.51
539	620630	4.76	5.14	4.79	4.96	4.39	3.78	3.12	3.01	3.27	3.13	2.66	2.68	2.76	2.66	2.61	2.37	2.26
540	620640	2.46	2.66	2.55	2.46	2.23	1.82	1.77	1.52	1.97	2.07	1.81	1.96	1.82	1.68	1.81	1.67	1.70
541	620690	2.60	2.93	2.45	2.40	2.39	2.30	2.33	1.87	1.63	1.46	1.34	1.58	1.42	1.30	1.10	1.34	1.44
542	620711	5.64	5.36	4.39	4.49	4.54	2.12	1.73	1.95	1.78	2.31	2.97	2.46	2.27	2.23	2.30	2.57	2.12
543	620719	8.03	8.32	8.88	7.52	6.60	4.91	4.11	4.21	3.74	3.64	3.25	2.99	2.98	2.74	2.96	2.66	2.71
544	620721	8.43	8.04	8.27	7.73	7.63	6.44	5.34	5.52	5.33	5.34	4.73	4.84	4.43	4.31	4.10	3.50	3.41
545	620722	5.48	5.50	5.58	2.68	3.02	3.27	3.34	3.40	3.94	3.97	2.76	3.25	3.01	3.00	3.38	3.18	3.66
546	620799	4.49	3.94	4.29	3.68	4.82	2.62	2.41	3.32	2.92	1.85	2.31	1.79	1.48	1.70	2.13	2.03	1.61
547	620811	2.14	4.90	2.23	2.76	2.76	3.08	2.58	2.94	3.19	4.11	3.23	3.28	3.30	2.22	1.90	1.74	1.75
548	620819	5.24	7.45	4.57	3.53	2.12	1.84	2.57	1.82	1.85	1.78	2.22	1.45	2.30	1.10	1.16	1.18	1.30
549	620821	7.95	8.26	8.66	7.43	7.50	6.34	6.15	5.79	5.47	5.39	4.72	4.87	4.51	4.22	3.97	3.25	3.25
550	620822	5.76	5.98	5.59	4.76	4.34	4.37	4.21	4.62	4.63	4.37	4.03	3.85	3.99	3.84	3.75	3.13	3.32
551	620829	10.43	9.93	9.06	7.97	6.62	3.86	4.46	3.70	2.96	2.85	2.49	2.66	2.51	1.92	1.69	1.31	1.63
552	620891	2.25	2.38	2.07	1.79	1.68	2.01	1.61	1.59	2.02	2.21	1.94	1.65	1.82	1.67	1.56	1.50	1.54
553	620892	2.35	3.21	3.01	2.86	3.46	2.81	3.00	2.83	3.17	2.70	2.59	2.35	2.49	2.74	2.86	3.16	3.4

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
554	620899	9.40	8.69	6.21	6.87	5.28	2.91	2.86	3.23	3.92	2.69	1.66	1.67	1.46	1.51	1.39	2.41	1.79
555	620920	4.69	4.76	4.62	4.16	3.72	4.22	4.12	3.93	3.79	3.84	3.28	3.23	3.08	3.03	2.78	2.26	2.29
556	620930	4.52	4.31	4.37	3.15	2.98	3.48	3.88	4.11	3.80	3.49	2.93	3.12	3.26	3.28	3.25	2.91	2.85
557	620990	2.42	2.53	2.72	2.83	2.75	2.63	2.91	3.43	2.16	2.02	1.52	1.80	1.58	1.06	1.15	1.83	1.76
558	621010	1.12	1.28	1.44	1.70	1.93	1.83	2.18	2.12	2.46	2.57	2.40	2.21	2.30	2.26	2.12	2.39	1.81
559	621020	3.20	5.89	7.19	6.91	7.10	6.17	5.84	5.60	4.77	5.29	5.23	4.89	4.45	4.11	4.36	3.73	3.32
560	621030	2.88	6.94	7.93	8.80	7.43	6.91	4.79	3.96	3.57	3.72	3.63	2.59	2.40	1.49	1.53	3.46	2.06
561	621040	4.51	5.17	4.86	4.63	5.26	4.51	4.08	3.74	4.12	4.16	3.87	3.59	3.21	3.26	3.42	2.97	2.87
562	621050	2.58	2.94	3.84	4.68	4.26	2.81	2.61	2.41	2.80	2.70	2.32	2.41	2.75	2.70	2.65	2.42	2.29
563	621120	5.93	7.25	8.90	8.53	7.69	6.57	5.42	4.53	4.27	3.84	3.90	3.64	3.50	3.43	3.52	2.83	2.65
564	621132	2.28	3.38	2.91	2.64	2.57	2.33	2.41	2.58	3.13	3.78	4.21	3.40	2.67	2.47	2.89	2.89	2.41
565	621133	4.82	6.59	6.04	6.14	5.93	5.56	4.90	4.04	3.36	3.50	3.51	3.39	3.32	3.12	3.38	3.06	2.65
566	621142	2.82	3.69	3.73	3.51	3.27	2.98	3.26	3.36	3.57	5.43	4.08	3.11	3.14	2.99	2.95	2.83	2.77
567	621143	3.21	3.71	3.80	3.64	3.35	2.93	2.81	2.57	2.46	2.47	2.16	2.15	2.28	2.49	2.75	2.67	2.72
568	621210	2.43	2.65	2.11	1.95	1.52	1.44	1.77	1.88	1.71	2.69	2.04	2.82	2.07	2.34	2.12	2.19	2.32
569	621220	2.96	1.70	2.03	1.97	2.39	2.16	1.74	1.61	1.75	1.65	1.49	1.70	1.59	1.48	1.16	1.21	1.06
570	621230	2.27	3.03	2.63	2.41	2.50	2.38	2.37	2.29	2.31	3.68	2.86	2.54	2.60	2.64	3.08	3.12	3.32
571	621320	7.64	7.73	7.26	5.67	5.62	5.81	5.18	5.11	4.78	5.03	4.73	4.50	4.69	4.36	4.50	3.83	3.86
572	621390	5.58	4.51	4.96	4.18	4.34	4.79	4.04	3.52	4.00	4.63	4.27	4.01	4.00	3.44	3.49	3.63	2.97
573	621410	2.23	2.35	3.28	3.67	2.89	2.99	2.58	2.95	2.98	3.01	2.55	2.33	2.28	1.80	1.73	2.16	1.53
574	621420	2.04	2.18	5.52	5.66	3.46	2.89	2.50	2.93	2.82	3.08	2.80	3.30	3.15	2.55	2.65	2.77	1.92
575	621430	1.62	1.94	2.64	3.22	3.04	3.13	2.99	3.07	3.67	4.13	3.95	4.32	4.31	4.20	4.20	3.77	3.68
576	621440	3.49	4.22	5.64	5.57	5.18	5.78	4.55	4.29	4.00	3.81	3.45	3.45	3.45	3.34	3.31	3.14	2.60
577	621490	6.04	6.46	8.06	7.09	5.71	5.46	3.53	4.52	4.31	4.26	4.17	4.01	3.85	3.55	3.44	3.49	3.27
578	621520	8.88	10.01	3.60	3.61	4.63	4.79	4.85	4.31	4.69	4.71	4.67	4.84	4.68	4.42	4.58	3.89	3.89
579	621600	8.41	8.72	7.85	6.97	5.95	5.24	4.81	4.26	3.76	3.82	3.46	3.65	3.39	3.09	3.19	2.84	2.70
580	630110	1.71	1.98	2.61	4.32	2.44	2.96	4.35	4.03	4.67	4.85	4.28	4.06	4.41	4.01	4.05	3.46	3.59
581	630130	7.35	7.06	7.35	6.33	6.54	5.76	5.20	4.75	4.92	4.51	4.25	4.59	4.68	4.30	4.38	3.79	3.58
582	630140	3.44	3.19	3.12	3.63	3.88	4.16	5.00	5.39	5.17	5.26	4.87	4.79	4.75	4.56	4.67	3.83	3.94
583	630190	2.59	2.12	2.94	2.01	1.72	2.22	2.96	3.03	2.79	2.19	1.87	2.19	1.89	1.19	2.43	2.12	1.88
584	630221	1.81	1.56	1.67	1.71	1.77	1.77	1.37	1.26	1.67	1.70	1.89	2.38	2.35	2.39	2.31	1.93	1.68
585	630222	6.38	5.77	6.88	6.21	5.78	4.83	4.08	2.96	2.81	2.71	3.35	3.63	3.97	4.18	4.22	3.55	3.54
586	630231	6.32	5.42	5.89	5.78	5.23	4.70	2.39	2.47	2.78	2.87	2.75	3.19	2.96	2.89	2.64	2.43	2.27
587	630232	4.37	4.15	6.12	6.74	6.48	6.23	4.33	4.44	3.52	3.65	4.39	4.75	4.90	4.73	4.74	4.04	4.00
588	630240	6.16	6.34	6.44	5.55	7.06	6.66	5.95	5.57	5.24	4.84	4.25	4.81	4.09	3.96	3.95	3.53	3.51
589	630251	6.03	5.32	4.82	3.81	3.35	3.14	3.23	3.02	2.88	2.50	2.25	2.24	2.15	2.23	1.90	2.46	2.41
590	630253	3.62	4.31	5.45	6.03	5.94	4.85	4.79	5.05	4.83	4.70	4.11	4.49	4.39	4.28	4.34	3.52	3.63
591	630260	5.51	5.17	5.30	5.17	4.94	4.58	3.57	3.28	3.35	3.28	3.11	3.21	3.06	3.13	3.22	2.80	2.83
592	630291	2.85	2.89	3.18	3.10	3.65	4.05	3.87	3.11	2.76	2.93	2.68	1.80	2.00	2.19	1.99	2.08	2.09
593	630293	6.92	8.15	7.74	7.00	6.96	5.61	4.39	4.89	4.53	3.91	3.70	3.53	3.49	3.60	3.63	3.27	3.42

(Contd.)

Table E2: *(Contd.)*

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
594	630299	2.74	2.22	4.31	3.38	3.07	2.93	2.07	2.32	1.90	1.95	2.08	2.53	2.31	2.27	1.96	1.64	1.44
595	630391	3.66	3.96	5.04	4.81	4.85	5.15	4.41	3.73	3.60	4.04	3.06	2.94	2.83	2.84	2.58	2.18	2.12
596	630392	1.87	1.93	1.92	2.16	2.79	3.40	3.89	4.12	4.14	4.21	3.92	3.78	3.65	3.57	3.53	3.00	2.69
597	630399	1.76	2.76	3.08	2.75	3.22	3.32	3.86	3.58	3.34	3.36	2.57	2.48	2.16	2.23	1.96	1.93	1.82
598	630411	3.66	3.24	2.14	2.84	3.06	4.64	6.85	7.03	7.10	6.26	5.81	5.70	5.23	5.28	5.37	4.32	4.33
599	630419	6.72	6.78	7.06	6.84	6.48	5.72	5.46	5.17	5.37	5.33	4.65	4.63	4.44	4.39	4.44	3.73	3.97
600	630491	1.72	1.98	2.12	2.67	2.86	3.51	4.98	6.17	5.98	5.88	4.75	3.85	3.80	3.22	3.06	3.51	3.37
601	630492	10.97	11.45	11.90	10.82	9.93	8.96	8.05	7.28	6.58	6.29	5.20	5.03	4.92	4.45	4.32	3.76	3.72
602	630493	3.62	3.80	5.17	4.13	4.39	4.78	5.03	5.40	5.05	4.79	3.53	3.76	3.75	3.73	3.53	3.10	3.33
603	630510	8.52	8.03	7.22	4.88	6.68	1.87	3.77	3.99	3.11	2.87	2.23	4.89	3.33	2.94	3.88	3.46	3.39
604	630520	10.16	9.94	10.12	9.68	9.32	8.35	6.65	5.78	5.13	4.84	4.07	4.43	3.87	3.65	3.31	2.96	2.69
605	630533	5.18	5.21	4.15	3.89	3.79	3.65	3.86	3.89	3.68	3.72	3.53	3.60	3.54	3.09	3.03	2.94	2.91
606	630539	2.75	2.81	4.62	4.86	3.25	2.74	2.85	3.47	4.16	4.39	3.48	3.57	3.74	3.20	3.08	2.40	2.23
607	630590	3.21	2.48	3.80	3.97	3.87	4.22	4.05	3.45	2.73	2.69	2.58	3.32	3.58	2.79	2.48	2.39	1.63
608	630612	2.44	2.41	3.04	3.30	2.04	1.81	2.08	3.12	3.41	3.61	3.04	3.32	2.84	2.90	2.98	2.72	2.58
609	630619	6.11	5.37	6.08	6.90	4.86	4.43	4.94	5.53	5.32	5.12	4.31	4.54	4.50	4.23	4.32	3.49	3.27
610	630622	8.36	8.19	6.90	6.47	6.12	5.63	5.81	4.91	4.22	4.10	3.49	3.54	3.67	3.75	3.79	3.24	3.18
611	630629	4.46	6.84	5.95	6.95	6.81	4.72	3.92	3.39	2.80	3.18	2.53	2.08	1.80	1.89	2.00	1.59	1.38
612	630649	7.47	6.86	6.64	3.55	3.95	4.66	4.57	4.95	4.81	2.84	1.35	2.44	3.03	3.11	3.06	2.57	2.52
613	630699	3.04	4.92	5.32	6.61	4.97	4.14	4.46	3.02	2.38	2.23	1.76	1.97	2.60	2.07	2.03	2.04	2.09
614	630710	2.42	1.91	1.73	1.68	1.47	1.70	1.41	1.79	2.03	2.31	2.20	2.39	2.53	2.42	2.57	2.26	2.10
615	630720	1.12	1.25	1.17	1.30	1.35	1.15	1.29	1.37	1.82	2.51	2.14	2.23	2.43	2.41	2.54	2.19	2.11
616	630790	2.36	2.60	3.43	3.42	3.32	3.69	3.62	3.33	3.17	2.94	2.46	2.60	3.02	2.69	2.72	2.49	2.46
617	640192	3.95	4.61	4.53	4.70	4.49	3.82	3.49	3.13	3.08	3.22	2.95	3.00	3.00	3.00	3.06	2.90	2.46
618	640199	4.12	4.09	4.47	4.06	3.96	3.32	3.24	2.49	2.40	1.52	2.17	2.24	1.88	2.12	1.91	2.30	2.01
619	640219	6.83	8.03	6.55	5.67	6.36	6.38	5.82	5.30	4.95	4.65	4.09	2.72	3.40	2.83	2.37	2.26	2.04
620	640220	11.33	11.53	11.86	10.60	9.03	8.69	7.19	6.94	6.32	6.12	5.44	5.46	5.20	4.48	4.67	4.15	4.07
621	640291	2.16	2.66	3.72	3.84	4.11	4.31	3.71	3.41	3.05	3.05	2.50	2.43	2.05	2.13	1.99	2.35	2.44
622	640299	9.01	8.98	9.14	8.21	7.14	6.61	5.95	5.70	5.26	5.18	4.59	4.60	4.39	4.21	4.06	3.67	3.71
623	640312	2.90	3.35	4.85	4.47	6.75	6.14	5.87	4.72	4.13	4.42	4.52	4.42	3.53	3.78	3.61	1.48	1.71
624	640320	7.47	7.20	7.54	4.61	4.17	5.01	4.44	3.82	4.04	3.55	2.99	2.94	2.30	2.01	1.60	2.34	1.70
625	640340	1.25	1.39	1.71	1.69	1.78	1.57	1.56	1.86	2.06	2.14	2.14	2.23	1.97	2.12	2.18	2.35	1.95
626	640351	1.57	2.38	3.41	2.73	1.90	1.87	2.00	1.78	1.97	1.73	1.61	1.79	1.97	1.58	1.52	1.83	1.40
627	640391	1.82	1.99	2.36	2.76	2.83	2.23	1.92	2.02	1.58	1.51	1.42	1.30	1.20	1.36	1.25	1.40	1.20
628	640399	4.57	4.45	4.49	4.50	4.05	3.71	3.26	3.04	2.96	2.76	2.32	2.23	2.07	2.14	1.95	2.08	1.79
629	640419	6.53	6.68	6.79	6.31	5.63	5.22	4.55	4.04	3.62	3.69	3.73	3.46	3.50	3.48	3.35	3.21	3.11
630	640520	7.11	6.75	6.81	5.67	5.66	4.96	4.75	4.60	4.42	4.40	3.91	3.75	3.34	2.88	2.84	2.70	2.51
631	640590	2.16	2.30	2.83	4.24	2.68	2.37	4.02	2.94	4.16	3.94	4.02	4.96	4.62	4.03	4.03	4.08	3.67
632	640610	4.00	3.87	3.70	3.39	3.13	2.51	2.20	2.17	2.13	2.27	2.32	2.50	2.43	2.53	2.51	2.34	2.17
633	640620	1.38	1.53	1.38	1.40	1.48	1.45	1.49	1.58	1.56	1.80	2.20	2.63	2.48	2.46	2.67	3.01	2.51

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
634	650200	10.29	9.93	11.28	9.94	9.32	7.96	6.93	6.85	6.11	5.79	4.48	4.45	4.13	3.29	2.59	3.44	2.52
635	650400	5.73	6.42	6.05	6.33	5.62	4.87	4.40	3.87	3.54	3.76	3.40	3.26	3.64	3.59	3.59	3.37	3.00
636	650590	4.19	4.89	5.19	4.30	4.16	4.28	4.28	3.91	3.92	3.93	3.57	3.68	3.48	3.38	3.40	3.17	3.09
637	650691	3.59	5.51	4.07	2.92	2.66	2.71	2.48	2.98	3.08	3.46	3.17	3.25	3.78	3.61	3.73	3.28	3.71
638	650699	7.94	7.59	5.13	3.93	3.69	3.42	3.28	2.48	3.21	3.40	3.21	3.58	3.25	3.27	3.18	3.10	2.89
639	650700	1.06	1.77	1.30	1.05	1.54	1.25	1.25	1.32	1.33	1.25	1.17	1.21	1.75	1.79	2.40	3.07	3.23
640	660110	4.97	5.80	5.56	5.23	5.64	5.28	4.89	4.87	4.53	4.49	4.35	4.37	4.08	4.14	4.18	3.60	3.57
641	660191	11.02	11.79	12.11	11.30	10.33	9.09	8.17	7.56	6.75	6.64	5.94	5.70	5.56	5.27	5.01	4.26	4.24
642	660199	9.94	10.89	11.01	10.22	9.34	8.59	7.75	7.12	6.36	6.05	5.28	5.08	5.23	5.01	4.99	4.13	4.08
643	660320	4.99	4.97	6.17	5.12	4.84	4.05	3.92	3.84	4.43	4.75	4.56	5.18	5.66	5.30	5.30	4.30	4.17
644	670100	9.38	8.94	8.51	5.73	5.64	4.13	4.33	4.94	4.71	3.96	4.27	4.60	4.35	3.56	3.58	3.39	3.51
645	670210	10.36	11.10	11.40	10.05	9.32	8.64	7.43	6.90	6.13	5.88	5.16	5.24	4.98	4.86	5.02	4.19	4.23
646	670290	9.57	10.09	9.55	8.94	8.20	7.62	6.86	6.09	5.46	5.33	4.77	4.52	4.18	4.23	4.62	3.93	4.00
647	670300	8.18	8.71	8.75	8.21	6.61	6.14	6.07	5.17	4.61	4.77	4.61	4.84	4.36	3.94	4.03	4.02	3.83
648	670411	5.38	6.30	5.07	4.24	4.46	3.73	3.28	3.05	3.03	2.89	3.12	2.96	2.67	2.65	2.58	2.16	2.14
649	670419	4.32	5.66	5.67	6.36	6.06	5.29	3.96	3.94	3.63	3.60	3.27	3.07	3.07	3.27	3.08	2.76	2.78
650	670420	8.67	8.20	8.34	9.59	10.40	9.63	8.91	8.16	7.33	7.06	6.41	6.03	5.75	5.16	5.04	4.16	4.18
651	670490	12.24	13.11	13.09	10.98	9.54	8.15	7.01	6.17	5.26	5.01	4.05	4.09	4.19	5.18	5.12	4.20	4.09
652	680223	9.25	9.62	10.24	9.69	9.48	8.86	8.12	7.35	6.65	6.27	4.56	4.79	4.67	4.51	4.37	3.72	3.87
653	680293	2.53	2.34	2.23	1.93	2.04	2.23	1.50	1.77	3.14	3.80	4.66	4.60	4.56	4.35	4.38	3.94	3.66
654	680299	1.99	1.94	1.90	1.90	1.58	1.79	1.47	1.15	1.30	1.33	1.40	1.25	1.33	1.55	1.84	2.22	2.10
655	680300	1.36	1.53	1.65	1.62	1.47	1.55	1.32	1.46	1.37	1.69	1.83	1.92	1.76	1.73	1.60	1.64	1.79
656	680430	2.97	2.54	2.91	2.36	2.39	1.95	1.68	1.35	1.18	1.29	1.39	1.52	1.79	1.80	2.27	2.07	2.13
657	681260	3.06	4.14	2.61	3.29	2.03	1.76	4.18	4.60	3.96	1.97	4.89	4.03	4.95	5.15	4.59	3.71	3.92
658	681270	2.94	3.31	3.02	2.70	2.58	2.04	2.49	2.19	2.47	2.75	3.69	4.01	3.43	3.33	3.48	3.14	3.26
659	681290	1.69	1.97	2.05	1.95	1.84	4.46	4.19	3.09	2.55	2.70	2.49	2.34	2.62	2.61	2.28	2.58	2.35
660	681410	1.57	1.09	1.43	1.69	1.62	1.32	1.40	1.53	1.56	1.45	1.13	1.18	1.07	1.19	1.16	1.25	1.35
661	690210	1.71	2.03	2.22	2.45	2.52	2.55	2.27	2.27	2.35	2.61	2.28	2.64	2.52	2.59	2.60	2.65	2.51
662	690290	1.55	2.04	1.70	2.00	2.20	2.47	2.12	2.46	2.52	2.56	1.80	2.31	1.57	1.33	1.37	1.39	1.23
663	691110	4.50	4.53	5.05	4.82	3.91	4.12	3.90	3.75	3.80	3.87	3.13	3.02	3.36	3.33	3.30	2.88	2.73
664	691190	1.13	1.41	2.39	3.03	2.02	2.15	2.26	2.16	2.27	2.19	1.69	1.53	1.82	2.05	2.16	2.11	2.31
665	691310	7.96	7.97	7.56	6.95	6.00	6.21	5.64	5.10	4.81	4.82	3.88	3.40	4.38	4.58	4.92	4.21	4.17
666	691390	2.58	2.97	3.35	3.85	3.46	3.07	2.93	2.76	2.69	2.85	2.28	2.26	3.03	3.45	3.68	3.09	2.82
667	691410	3.53	3.39	2.49	2.36	1.74	2.53	2.86	3.12	3.06	3.21	3.15	4.03	4.02	4.70	4.60	3.96	3.83
668	700992	1.36	1.62	1.69	2.02	2.48	2.87	3.05	3.20	3.26	3.63	3.48	3.24	3.33	3.65	3.77	3.46	3.33
669	701020	1.64	1.58	1.96	2.48	2.27	3.37	3.30	3.38	3.48	3.75	3.17	2.97	2.93	3.49	3.18	2.93	2.94
670	701310	1.24	2.13	2.21	1.85	1.85	3.21	4.40	4.74	4.01	3.86	3.20	2.69	3.47	2.93	3.01	4.09	4.13
671	701610	2.52	1.80	6.11	5.05	2.52	2.29	2.00	1.94	2.43	2.65	2.75	3.01	2.85	3.18	3.39	3.61	2.98
672	701690	1.29	1.20	1.80	2.15	2.49	2.23	2.07	2.19	2.38	2.41	2.42	2.38	2.12	2.15	2.22	1.98	2.13
673	701890	4.27	6.02	5.53	4.93	4.82	5.53	5.28	5.95	5.10	5.06	4.65	4.30	4.35	4.20	4.35	3.92	3.82

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
674	702000	1.21	1.29	1.51	1.11	1.42	1.59	1.35	1.46	1.27	1.13	1.11	1.45	1.22	1.10	1.29	1.52	1.60
675	710239	3.51	4.43	4.64	3.76	3.24	3.16	3.43	2.78	2.53	2.19	2.08	2.06	2.79	2.59	2.80	1.98	2.24
676	710399	3.95	5.37	4.31	3.46	3.87	3.54	3.33	3.01	2.44	2.25	1.72	1.36	1.52	1.56	1.46	1.14	1.19
677	710590	3.77	4.15	2.14	3.60	1.44	4.62	2.58	1.61	1.21	1.52	2.84	1.51	1.70	1.15	1.18	1.47	1.67
678	711319	1.61	2.08	2.51	1.99	1.66	1.56	1.47	1.66	1.49	1.55	1.38	1.13	1.95	1.45	1.99	2.36	2.16
679	711610	5.59	3.10	2.55	2.65	2.45	3.98	3.39	2.96	2.65	2.28	2.48	2.16	3.30	3.03	3.71	1.67	1.49
680	711719	1.43	1.59	1.39	1.54	1.74	1.75	1.74	3.45	2.93	1.97	1.87	1.69	1.74	1.85	1.36	1.42	1.26
681	711790	3.04	3.48	3.46	2.80	2.58	2.28	1.92	1.73	1.89	1.81	1.72	1.89	2.20	2.18	1.40	1.42	1.38
682	720110	10.83	9.10	9.27	10.77	8.65	8.07	7.73	7.07	6.69	6.06	5.08	4.97	4.12	3.76	3.95	2.93	2.97
683	720221	4.40	4.57	5.00	5.27	4.55	4.33	4.53	4.39	3.90	4.64	4.28	4.02	3.02	2.93	2.54	2.52	2.04
684	720230	5.19	3.95	3.94	4.38	2.97	3.04	2.54	2.90	1.89	1.94	2.34	2.41	1.39	1.44	1.49	1.67	1.70
685	720249	8.15	7.82	6.34	5.38	4.13	3.50	3.35	3.22	3.35	3.25	2.99	3.44	3.72	2.62	2.47	1.92	2.54
686	720280	12.05	10.91	13.02	11.39	9.83	6.93	7.82	6.73	5.16	5.81	5.50	4.50	2.02	2.06	1.40	1.88	1.07
687	720292	4.38	4.51	3.87	4.24	3.44	2.52	2.31	2.82	2.87	2.48	1.61	2.02	1.31	1.42	1.59	1.09	1.26
688	720293	10.93	10.79	10.29	8.84	8.02	9.03	8.20	7.23	6.68	6.35	5.62	5.55	5.17	4.91	4.88	3.89	3.78
689	720299	4.59	4.11	3.20	3.16	2.55	2.59	2.28	2.41	2.85	2.55	2.55	3.26	2.62	3.74	4.87	3.78	3.09
690	720712	6.63	6.91	7.52	7.08	6.09	5.68	4.75	4.81	3.87	3.70	2.91	2.85	2.22	2.36	2.65	2.26	1.97
691	720719	6.88	6.01	2.86	5.00	3.45	2.67	3.73	4.89	4.56	4.49	3.26	2.44	2.35	2.04	1.82	2.02	2.79
692	720720	6.31	5.09	5.46	5.68	2.94	2.58	2.07	2.91	2.60	2.90	2.47	2.29	2.24	1.93	1.49	1.05	1.13
693	721720	1.48	1.13	1.69	1.86	1.99	1.98	1.80	1.97	1.94	2.19	1.96	1.98	1.92	1.86	1.99	1.79	1.81
694	722490	3.43	3.08	4.27	5.80	5.14	4.33	3.12	2.19	2.52	1.85	1.56	1.37	1.17	1.03	1.58	1.90	1.81
695	722820	8.37	7.57	5.71	4.46	2.71	4.04	3.79	4.53	4.48	3.18	4.55	4.08	3.61	2.26	1.35	2.84	2.51
696	730300	1.24	1.83	1.75	2.95	3.03	3.19	2.77	2.93	2.89	2.80	3.18	2.95	2.57	2.93	3.33	2.97	2.41
697	730711	2.76	2.72	1.86	3.04	2.52	2.29	2.17	2.14	2.25	2.39	2.38	2.15	2.09	2.23	2.43	2.50	2.37
698	730719	2.50	2.08	2.61	2.40	2.61	2.44	2.05	2.03	1.81	1.71	1.64	1.78	1.76	1.78	1.76	1.69	1.53
699	730791	1.35	1.20	1.75	1.67	1.61	1.50	1.33	1.57	1.49	1.49	1.44	1.64	1.53	1.76	1.97	2.02	1.56
700	731431	1.74	1.49	2.42	2.21	1.82	1.79	1.53	1.57	1.93	2.12	1.80	2.21	2.02	1.80	1.85	1.68	1.55
701	731441	2.26	2.11	2.49	2.77	2.54	2.49	2.36	2.33	2.41	1.97	1.92	2.30	2.45	2.46	2.57	2.43	2.24
702	731442	2.90	2.63	2.97	3.31	3.43	3.19	3.01	2.55	1.77	1.85	1.45	1.56	1.61	1.57	1.74	1.90	1.66
703	731449	4.62	5.52	6.87	5.11	4.75	4.79	4.32	4.28	3.96	4.07	3.97	3.74	2.77	2.70	2.70	2.15	2.05
704	731511	1.66	1.60	1.87	1.89	1.64	1.58	1.40	1.48	1.43	1.45	1.46	1.53	1.53	1.60	1.69	1.53	1.66
705	731582	2.01	2.75	2.51	3.56	3.99	3.88	3.56	3.55	3.56	3.57	3.02	2.43	2.05	2.11	2.43	2.18	1.95
706	731589	3.89	3.82	3.66	2.77	2.44	2.14	1.90	1.94	1.96	1.95	2.23	2.10	2.11	1.95	2.00	1.87	1.62
707	731600	3.38	2.53	1.97	1.96	1.61	1.91	1.46	1.44	1.63	1.85	2.00	2.34	2.32	2.18	1.92	1.42	1.50
708	731700	1.73	1.57	2.18	2.14	2.20	2.23	2.36	2.66	2.78	3.08	3.04	3.01	2.73	2.64	2.69	2.45	2.46
709	731819	1.62	1.60	1.33	1.37	1.16	1.13	1.25	1.39	1.41	1.63	1.63	1.72	1.19	1.25	1.47	1.36	1.25
710	731990	1.91	1.99	2.49	2.63	2.73	3.21	2.78	2.68	2.07	1.65	1.67	1.87	2.09	1.81	1.84	1.94	2.12
711	732112	4.42	4.19	4.25	5.11	4.73	5.43	5.11	4.65	4.78	4.83	4.05	3.33	3.36	3.21	3.98	3.23	3.37
712	732113	3.98	4.64	5.47	6.15	5.52	5.55	5.30	4.99	4.33	4.05	3.47	3.32	3.85	3.87	3.93	3.29	2.95
713	732190	1.91	2.24	1.96	1.88	2.11	2.10	1.88	1.96	2.09	2.00	1.78	1.58	1.44	1.57	1.64	1.86	1.66

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
714	732310	2.56	2.01	2.82	2.88	3.23	3.62	3.47	3.51	3.40	3.38	2.88	2.73	3.09	3.29	3.35	2.91	2.95
715	732391	5.81	6.39	7.46	6.42	4.80	6.41	5.90	5.51	5.14	4.80	3.59	4.04	4.52	4.37	4.28	3.57	3.68
716	732393	4.23	4.49	5.08	5.22	5.14	5.14	4.88	4.30	3.84	3.67	3.22	2.97	2.94	3.06	2.89	2.59	2.54
717	732394	3.27	4.20	5.17	6.35	6.66	5.65	5.47	4.83	4.62	4.21	4.04	3.80	3.50	3.30	3.29	2.62	2.56
718	732399	2.06	2.37	3.39	2.86	3.01	2.99	3.16	2.96	3.03	3.08	2.88	2.86	3.06	3.29	3.70	3.46	3.45
719	732591	1.79	1.95	1.81	1.75	1.50	1.67	1.67	1.54	1.82	1.80	1.88	1.86	1.64	1.74	1.93	1.72	1.88
720	732599	2.40	2.55	2.87	2.46	2.48	2.12	2.06	2.02	1.86	1.82	1.46	1.34	1.14	1.11	1.30	1.29	1.28
721	732611	4.38	3.86	2.55	2.68	3.05	2.23	1.98	1.66	1.87	2.17	1.98	2.20	1.86	2.13	2.22	2.17	2.28
722	732620	1.67	1.89	2.46	2.76	2.54	2.46	2.41	2.18	2.19	2.13	1.62	1.66	1.57	1.68	1.73	1.82	1.73
723	740610	1.35	1.79	1.74	1.86	2.21	2.04	1.97	1.58	1.63	1.70	1.34	1.52	1.48	1.52	1.53	2.87	1.02
724	741021	1.68	1.72	2.26	2.04	1.92	1.80	1.82	2.11	1.89	1.98	1.72	1.67	1.63	1.75	1.71	1.47	1.96
725	741532	1.35	1.98	1.77	1.14	1.12	1.40	2.07	2.01	2.25	1.91	1.71	1.63	1.40	1.44	1.28	1.27	1.26
726	741819	6.84	6.30	5.09	5.40	5.59	4.78	4.12	3.92	3.39	2.72	1.47	2.32	1.65	1.54	2.11	2.22	1.77
727	750210	5.34	5.60	5.56	4.61	3.68	4.52	4.36	3.81	3.35	3.40	2.73	2.47	2.98	2.79	2.01	2.08	1.91
728	760110	5.71	6.20	5.85	4.99	4.35	3.90	3.75	3.62	2.82	2.49	1.99	2.02	2.03	1.68	1.59	1.44	1.41
729	761410	4.09	3.48	3.45	2.74	4.06	2.11	1.52	1.54	2.04	1.95	2.98	3.12	1.95	1.87	2.47	2.33	2.05
730	761519	1.18	1.19	1.27	1.57	1.76	2.09	2.16	2.18	2.39	2.62	2.54	2.64	2.69	2.73	2.77	2.73	2.51
731	810193	2.11	3.07	1.72	1.64	1.75	2.06	2.02	1.87	2.09	1.95	1.77	1.69	1.60	1.77	1.97	1.93	1.91
732	810210	2.37	1.39	2.28	3.47	4.74	3.77	1.47	3.09	2.62	3.92	2.97	3.06	1.36	2.74	2.45	2.52	2.86
733	810292	1.87	1.97	3.35	3.79	3.07	3.22	2.99	1.94	2.61	2.17	4.74	5.00	2.27	3.26	4.01	3.07	2.85
734	810411	7.11	8.01	8.12	7.47	6.62	6.33	7.13	6.97	5.77	5.49	5.36	5.08	4.19	4.18	4.39	3.50	3.75
735	810419	2.78	3.08	3.82	2.68	3.02	3.31	4.42	4.51	3.64	3.59	3.53	3.83	3.40	3.17	3.42	2.77	2.78
736	810430	3.19	4.93	6.77	8.38	8.32	7.49	5.90	6.52	5.65	5.47	4.96	5.11	3.90	4.33	4.35	3.80	3.79
737	810600	3.48	3.19	5.33	4.14	4.33	3.79	4.36	4.26	3.95	3.83	3.04	3.65	2.60	3.82	4.06	2.74	2.77
738	811000	11.51	10.66	12.27	10.26	7.62	7.69	7.46	6.74	6.19	5.55	4.17	4.46	2.77	3.01	3.12	2.90	1.54
739	811100	5.31	5.91	6.51	6.85	6.46	5.36	6.13	6.43	5.67	4.64	5.12	4.88	4.06	3.87	3.35	2.43	3.02
740	811220	4.70	3.91	4.32	3.59	2.81	3.12	2.55	2.39	2.24	2.37	2.00	2.18	2.02	1.98	2.09	1.69	1.53
741	811299	3.81	2.76	1.76	1.12	1.74	1.22	2.06	2.85	2.91	2.48	2.34	2.55	1.77	1.86	2.01	2.02	2.05
742	820110	4.15	4.51	4.82	4.93	4.81	4.84	4.61	4.32	4.06	4.07	3.82	3.87	3.71	3.51	3.44	3.16	3.12
743	820130	5.24	5.35	5.55	5.39	5.43	5.04	4.67	4.65	4.45	4.26	3.89	3.70	3.70	3.57	3.51	2.94	2.95
744	820140	3.55	3.06	3.60	3.74	3.50	3.51	3.30	3.04	2.69	2.79	2.75	2.81	2.28	2.43	2.52	2.39	1.93
745	820150	1.04	1.06	1.24	1.40	1.26	1.28	1.01	1.19	1.03	1.26	1.53	1.35	1.13	1.23	1.28	1.19	1.25
746	820160	1.36	1.98	1.83	1.54	2.25	2.05	1.96	2.02	1.60	1.75	1.98	1.83	1.96	2.01	1.85	1.71	1.83
747	820190	2.86	3.38	3.05	1.93	2.48	2.33	2.01	1.98	2.18	2.02	1.67	1.56	1.47	1.45	1.44	1.42	1.81
748	820210	2.87	2.86	2.56	2.62	2.68	2.43	2.17	2.20	2.20	2.42	2.30	2.15	1.97	2.14	2.24	1.99	1.90
749	820231	1.11	1.08	1.22	1.24	1.12	1.26	1.30	1.45	1.49	1.34	1.51	1.47	1.70	1.74	1.72	2.04	1.45
750	820310	2.90	3.00	3.05	2.89	2.88	2.68	2.38	2.14	2.13	2.16	1.88	1.95	1.66	1.62	1.62	1.52	1.47
751	820320	2.22	2.37	2.71	2.70	2.78	2.70	2.47	2.36	2.12	2.13	1.91	1.87	2.14	2.21	2.34	2.06	2.10
752	820411	2.11	2.11	2.16	1.63	1.49	1.64	1.94	1.76	1.78	1.83	1.60	1.88	1.95	2.21	2.33	1.94	2.25
753	820412	3.96	3.48	4.57	3.69	4.00	3.12	2.85	2.69	2.52	2.37	2.36	2.14	2.16	2.16	2.06	1.85	2.26

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
754	820520	7.10	6.94	7.00	6.00	5.82	5.75	5.05	4.51	4.13	3.79	3.57	3.56	3.33	3.36	3.22	2.81	2.85
755	820530	4.12	4.15	3.89	4.49	4.67	3.47	2.89	3.14	2.67	2.86	2.83	2.90	1.30	2.60	2.59	2.32	2.19
756	820540	3.48	3.66	3.88	3.20	3.05	3.19	3.08	2.94	3.04	2.95	2.61	2.48	2.54	2.42	2.53	2.08	2.18
757	820551	1.68	1.96	2.14	1.74	1.88	2.12	2.35	2.52	2.74	2.82	2.73	2.73	2.69	2.85	2.98	2.79	3.00
758	820570	1.66	1.51	1.98	1.68	1.88	2.44	2.25	1.90	1.90	1.62	1.17	1.12	1.49	1.61	1.72	1.57	1.52
759	820600	1.15	1.47	2.28	1.95	2.41	2.63	3.02	2.92	2.89	2.83	2.56	2.33	2.30	2.40	2.37	2.12	2.48
760	821000	1.55	1.93	2.07	1.98	1.98	2.01	2.30	2.24	2.14	2.27	2.14	2.19	2.19	2.06	2.05	2.21	2.05
761	821110	5.01	5.50	5.93	7.13	6.59	6.52	6.13	5.96	5.05	4.99	4.07	4.03	3.73	3.74	3.80	3.23	3.31
762	821191	2.47	2.65	2.70	3.35	3.77	3.51	3.48	3.50	3.40	3.60	2.88	2.42	3.10	3.18	2.04	2.04	1.89
763	821192	3.91	4.26	4.14	4.33	4.23	3.90	3.43	3.43	2.98	2.89	2.68	2.55	2.26	2.43	2.41	1.95	2.21
764	821300	4.21	4.58	4.70	4.73	4.55	4.31	4.21	3.95	3.61	3.51	3.25	3.23	3.17	3.36	3.49	3.12	3.13
765	821410	5.34	5.73	5.98	5.47	5.43	5.02	4.90	5.23	4.98	5.03	4.67	4.33	3.95	3.84	3.80	3.11	3.14
766	821420	1.97	1.63	1.91	2.55	2.37	2.47	2.45	2.39	2.45	2.55	2.23	2.39	2.21	2.22	2.45	2.14	2.13
767	821490	3.66	5.45	6.86	5.94	5.30	5.18	4.97	4.31	3.97	3.73	3.51	3.39	3.40	3.70	4.03	3.47	3.69
768	821520	4.16	4.70	5.75	6.04	6.15	6.34	6.00	5.81	5.48	5.28	4.86	4.46	3.96	4.12	4.21	3.71	3.59
769	821599	4.54	5.41	5.95	5.66	6.00	5.69	5.52	5.49	4.90	4.97	4.52	4.09	4.39	4.20	4.05	3.69	3.62
770	830110	7.44	7.79	7.14	5.94	5.25	5.22	4.58	3.51	3.54	3.52	3.39	3.21	3.46	3.65	3.48	2.82	2.87
771	830130	5.77	4.53	4.58	3.78	3.67	3.35	2.48	2.65	2.65	2.35	2.22	2.00	2.78	3.13	3.17	3.00	3.01
772	830140	1.71	1.49	1.60	1.37	1.51	1.85	1.86	1.77	1.70	1.84	1.77	1.79	1.78	1.90	1.96	1.82	1.76
773	830150	1.35	1.71	2.21	1.94	1.87	1.67	1.37	1.41	1.45	1.32	1.27	1.27	1.11	1.27	1.21	1.03	1.24
774	830250	2.09	2.11	2.13	2.08	2.18	2.46	2.20	2.24	2.35	2.52	2.48	2.04	1.94	2.21	2.60	2.28	2.46
775	830400	1.47	2.14	2.61	2.18	2.63	3.29	2.56	2.66	2.52	2.95	3.07	3.27	3.59	2.78	2.71	2.63	2.85
776	830510	3.29	3.88	3.85	3.56	3.34	3.82	2.93	3.33	2.95	2.89	2.69	2.52	2.32	2.22	2.21	2.38	1.93
777	830590	7.66	7.69	7.24	5.74	5.76	5.69	4.66	4.43	4.23	3.66	3.68	3.69	3.47	3.66	3.80	3.27	3.32
778	830610	4.12	5.26	5.22	5.00	4.26	3.88	4.14	3.90	3.39	3.34	2.67	2.40	2.64	2.38	2.83	2.50	2.52
779	830629	2.16	3.26	3.79	3.97	4.16	4.20	3.89	3.63	3.89	4.09	3.70	3.66	3.91	3.83	3.99	3.66	3.51
780	830630	3.83	4.25	6.35	4.79	5.06	5.45	4.71	4.64	4.32	4.32	3.86	3.49	3.30	3.17	3.27	2.92	2.50
781	830810	1.98	2.87	2.24	1.92	2.12	2.51	2.63	3.21	3.59	3.85	3.56	3.44	3.41	3.41	3.59	3.21	3.29
782	831110	1.77	1.55	1.93	2.17	1.85	1.63	1.48	1.58	1.34	1.22	1.00	1.08	1.34	1.13	1.12	1.22	1.18
783	840130	4.78	5.77	4.01	4.89	3.97	3.55	3.28	2.63	2.18	1.90	1.70	2.07	1.75	2.01	1.54	1.68	1.72
784	841420	4.27	5.08	5.28	3.07	3.56	4.26	3.93	3.36	3.17	2.96	2.83	2.89	2.88	2.92	3.14	2.66	2.97
785	841451	8.77	9.19	8.42	6.51	6.52	6.88	6.54	6.24	5.88	5.84	4.92	4.52	4.43	4.05	4.10	3.42	3.59
786	841510	1.62	1.91	1.75	1.73	2.03	2.67	3.44	3.55	3.59	3.39	3.10	3.19	3.20	3.27	3.37	2.86	2.80
787	842310	1.45	1.83	2.39	2.89	2.99	3.37	3.52	3.89	3.94	4.06	3.76	3.78	3.76	3.44	3.56	3.07	3.12
788	842519	2.12	1.96	1.89	2.16	2.29	1.95	1.92	2.03	1.75	1.73	1.46	1.42	1.21	1.31	1.32	1.13	1.11
789	842542	3.53	3.14	3.55	3.69	3.49	3.23	2.91	2.62	2.39	2.14	1.92	2.00	2.27	2.21	2.16	2.00	1.86
790	842619	1.51	3.30	1.43	4.18	5.03	6.26	6.02	5.87	5.38	4.88	4.60	4.38	4.32	3.47	2.96	2.67	2.98
791	842911	1.51	1.35	1.50	1.68	1.76	1.44	1.43	1.51	1.41	1.49	1.45	1.48	1.54	1.48	1.63	1.44	1.38
792	842920	3.88	4.05	3.66	2.63	3.42	2.69	2.07	2.82	2.73	2.46	2.35	2.42	2.02	2.33	2.56	2.04	2.09
793	845012	3.02	2.83	2.25	1.99	2.16	2.07	2.19	2.03	2.01	2.33	2.95	2.73	2.65	2.74	2.99	2.49	2.44

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
794	845210	4.32	4.20	4.04	3.09	2.89	3.08	3.29	3.07	2.99	3.11	2.93	2.89	2.60	2.48	2.66	2.36	2.55
795	845221	1.03	1.29	1.22	1.43	1.46	1.55	2.15	1.99	3.05	2.95	2.70	2.99	2.79	2.97	3.14	2.57	2.72
796	845819	2.13	1.96	2.29	1.81	1.59	1.51	1.37	1.89	1.94	1.77	1.75	2.09	2.07	2.07	2.07	1.70	1.70
797	845929	3.14	2.40	3.46	3.00	3.39	3.32	2.83	2.28	2.27	2.09	1.97	1.89	2.06	2.00	2.01	1.45	1.54
798	845959	2.16	2.12	2.23	2.29	3.10	1.51	1.63	1.93	2.70	2.67	3.49	3.25	1.94	2.07	2.80	2.51	2.36
799	847010	4.29	5.80	5.75	4.70	3.73	4.49	5.13	3.98	4.11	4.44	4.52	4.92	5.09	4.50	3.87	3.37	3.49
800	847021	4.08	3.98	6.32	6.89	6.58	5.12	5.92	5.52	5.15	4.69	4.12	3.16	2.70	3.02	3.05	2.78	2.34
801	847029	7.16	6.21	9.84	10.00	8.09	7.89	6.87	5.87	5.42	4.78	4.29	4.38	2.75	2.93	2.47	2.54	2.04
802	850110	2.77	3.13	3.14	3.17	2.90	2.69	2.23	1.95	1.78	1.74	1.59	1.54	1.44	1.43	1.42	1.30	1.33
803	850410	1.50	1.32	1.58	1.49	1.36	1.36	1.36	1.42	1.60	1.73	1.56	1.63	1.72	1.78	1.69	1.48	1.47
804	850431	2.78	3.07	3.39	3.39	3.18	3.25	3.10	2.64	2.36	2.35	2.23	2.33	2.12	2.12	1.99	1.83	1.80
805	850440	1.33	1.55	1.73	1.46	1.62	1.96	2.03	2.20	2.32	2.39	2.27	2.16	2.09	2.01	2.02	1.83	1.91
806	850450	1.30	1.44	1.70	1.65	1.89	2.21	2.23	2.14	2.11	2.15	1.97	1.98	1.84	1.88	1.95	1.61	1.96
807	850511	1.94	2.35	2.41	2.67	2.85	2.91	2.96	2.98	2.73	3.03	3.22	3.22	3.03	2.83	3.05	2.20	2.37
808	850610	2.27	2.44	2.72	2.93	2.81	2.80	2.68	2.43	2.32	2.80	2.67	2.49	2.51	2.44	2.50	2.08	2.02
809	850810	1.95	2.22	2.73	3.55	3.04	3.33	3.01	2.89	2.62	2.58	2.63	2.76	2.73	2.83	2.94	2.58	2.63
810	850880	1.33	1.55	2.00	2.59	2.51	2.87	2.47	2.40	2.24	2.21	1.96	1.78	2.17	2.22	2.16	1.92	1.96
811	850910	1.32	1.61	1.84	2.42	2.95	2.99	2.72	2.63	2.65	2.75	2.63	2.57	2.58	2.42	2.32	2.04	2.06
812	850940	2.13	2.09	2.38	2.55	2.61	2.89	3.01	2.82	2.59	2.87	2.81	2.88	2.81	2.76	2.64	2.33	2.37
813	850980	1.58	1.57	1.88	2.18	2.23	2.44	3.05	2.56	2.40	2.81	2.68	2.62	2.59	2.68	2.63	2.30	2.27
814	851010	1.46	1.50	1.68	2.04	2.69	2.17	2.86	1.64	1.79	2.50	2.32	2.26	2.20	2.02	1.57	1.30	1.30
815	851020	1.81	1.90	2.66	2.90	3.26	2.63	2.55	2.34	2.34	2.49	2.71	2.67	2.55	2.60	2.56	2.36	2.12
816	851210	1.55	1.73	1.97	2.25	2.86	3.00	3.14	2.89	2.57	2.51	2.29	2.40	2.48	2.43	2.49	2.23	2.33
817	851310	5.38	5.70	6.29	6.55	6.36	6.25	5.97	5.39	4.94	5.01	4.76	4.81	4.63	4.57	4.52	3.82	3.78
818	851511	1.76	2.02	2.05	2.59	2.12	2.33	2.19	2.00	2.01	1.82	1.75	1.59	1.89	1.97	1.92	1.72	2.03
819	851629	1.44	1.34	1.98	2.06	2.58	2.66	3.13	3.45	3.48	3.74	3.61	3.39	3.24	3.06	3.20	2.67	2.56
820	851631	3.66	3.80	4.64	4.43	3.94	3.54	3.46	3.18	3.10	3.07	2.88	3.15	3.16	3.13	2.89	2.81	2.78
821	851632	6.71	6.59	6.54	6.10	4.90	4.59	3.73	3.27	2.93	2.65	2.63	3.12	3.10	3.35	3.15	2.86	3.04
822	851640	2.10	1.95	2.40	2.60	2.77	2.83	2.81	2.71	2.87	3.07	2.82	2.81	2.71	2.30	2.14	1.81	2.08
823	851650	1.07	1.62	2.17	2.55	2.99	3.43	3.91	3.96	4.08	3.95	3.62	3.63	3.47	3.38	3.48	2.90	2.92
824	851671	2.63	2.97	3.37	3.52	4.07	3.84	3.66	3.09	2.85	2.90	2.48	2.42	2.37	2.58	2.49	2.48	2.19
825	851672	8.49	9.01	9.43	8.84	8.89	9.05	8.29	7.55	6.91	6.67	6.12	5.87	5.54	5.24	5.14	4.19	4.14
826	851679	1.33	1.79	2.13	2.98	3.05	3.09	3.24	3.20	3.57	3.81	3.89	3.67	3.64	3.59	3.46	3.06	3.10
827	851711	2.57	3.64	4.54	4.83	4.14	3.60	3.52	3.62	3.18	3.36	3.60	3.26	2.89	2.80	2.43	2.10	2.36
828	851821	1.70	1.77	2.63	2.51	2.09	2.80	2.68	2.60	2.44	2.31	2.30	2.53	2.64	2.88	2.93	2.52	2.54
829	851822	1.90	2.20	2.19	2.03	2.23	2.50	2.79	3.01	2.78	3.11	2.95	2.75	2.78	2.81	2.67	2.33	2.24
830	851829	2.55	2.77	3.44	2.82	2.76	2.76	2.61	2.80	2.67	2.78	2.60	2.48	2.41	2.47	2.67	2.53	2.33
831	851830	2.30	2.42	3.68	2.34	2.69	2.84	3.14	2.98	2.99	2.97	3.14	3.22	3.32	3.41	3.45	3.03	2.89
832	851890	1.47	1.72	1.82	1.31	1.33	1.52	1.46	1.45	1.41	1.39	1.43	1.61	1.78	1.55	1.72	1.60	1.69
833	852713	6.37	6.34	5.03	4.97	4.34	4.78	4.21	3.63	3.50	4.43	4.59	3.25	2.28	2.55	2.78	2.28	1.86

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
834	852731	3.86	4.67	4.55	4.25	4.14	5.12	4.74	4.00	3.74	3.00	3.17	3.12	3.00	2.85	2.83	2.55	2.73
835	852732	5.91	6.08	5.60	5.41	5.17	6.79	5.78	3.90	3.18	5.19	4.63	4.85	3.13	3.12	3.21	2.77	2.33
836	853661	1.34	1.37	1.47	1.47	1.53	1.62	1.51	1.49	1.50	1.54	1.33	1.51	1.62	1.74	1.76	1.92	1.78
837	853921	1.17	1.23	1.48	1.77	1.64	1.64	1.44	1.31	1.24	1.16	1.07	1.14	1.23	1.31	1.41	1.21	1.31
838	853929	1.47	1.37	1.41	1.30	1.32	1.26	1.11	1.13	1.06	1.11	1.25	1.08	1.37	1.61	1.52	1.15	1.13
839	854511	1.18	1.26	1.32	1.48	1.42	1.38	1.68	1.72	1.67	1.56	1.52	1.79	1.52	1.58	1.83	1.58	1.71
840	854519	2.20	1.88	2.56	2.75	2.73	2.46	1.82	1.61	1.57	1.38	1.73	2.59	1.58	2.54	2.42	2.22	2.19
841	854620	1.27	1.34	1.30	1.47	1.85	1.53	1.20	1.42	1.58	1.60	1.65	1.73	1.68	1.79	2.04	1.89	1.80
842	854790	3.77	4.08	3.25	3.20	3.77	3.80	3.31	2.97	2.52	2.39	2.30	2.42	1.61	1.64	1.64	1.37	1.37
843	860900	5.56	7.23	8.00	9.16	9.07	8.43	7.98	7.32	6.38	6.01	5.69	5.25	3.71	4.74	4.82	3.69	3.57
844	870110	3.12	3.76	4.17	4.24	3.88	3.54	2.87	2.51	2.53	1.95	2.25	2.52	2.74	2.25	2.16	1.71	1.64
845	870600	1.43	1.44	1.11	1.71	2.09	1.84	1.52	1.63	2.03	2.06	1.77	1.83	1.44	1.45	1.60	1.05	1.26
846	871200	4.75	5.18	6.08	4.56	4.59	4.77	4.03	3.44	2.93	2.90	2.55	2.35	2.09	2.05	2.00	1.76	2.15
847	871491	4.46	4.93	4.97	4.11	4.30	4.31	3.95	3.88	3.38	3.49	3.36	3.43	3.04	2.98	3.03	2.60	3.10
848	871492	4.81	4.68	3.97	3.99	3.84	3.67	2.61	2.12	2.05	2.04	1.75	2.03	2.05	2.35	2.41	1.83	1.90
849	871493	4.15	4.99	6.39	5.63	5.59	5.48	4.18	3.40	2.91	2.51	1.75	1.96	1.39	1.31	1.53	1.26	1.23
850	871495	3.75	4.19	4.28	3.59	3.03	2.18	2.34	2.32	2.03	2.29	1.93	2.03	1.87	2.00	2.08	2.78	1.96
851	871500	5.45	6.02	6.41	5.73	5.51	5.39	5.05	4.40	4.10	4.12	3.61	3.53	3.23	3.16	3.02	2.81	2.62
852	871680	1.85	2.16	2.56	4.54	3.36	3.31	3.04	2.69	2.57	2.46	2.21	2.30	2.62	2.71	2.68	2.24	2.14
853	890400	1.10	1.46	1.95	2.01	3.92	3.79	1.49	2.39	2.17	2.90	2.69	2.57	3.05	2.81	3.63	2.81	2.51
854	900410	2.18	2.68	2.59	2.29	2.20	1.89	1.74	1.55	1.48	1.47	1.40	1.31	1.30	1.32	1.24	2.13	1.22
855	900490	1.70	2.02	2.24	2.40	2.34	2.39	2.21	2.18	2.16	2.49	2.38	2.48	2.58	2.57	2.20	2.10	2.38
856	900510	4.49	4.82	4.64	4.10	4.27	3.29	2.94	2.73	2.26	2.19	2.08	1.90	1.49	1.45	1.47	1.62	1.41
857	900580	4.81	5.02	5.37	4.75	3.26	2.65	2.80	2.75	2.57	2.65	2.44	2.18	1.82	1.83	1.58	1.63	1.48
858	900640	1.11	1.69	5.10	4.70	5.56	5.42	5.66	5.19	4.99	3.78	4.43	4.89	5.05	4.90	4.42	3.89	3.71
859	900669	4.27	4.22	2.64	1.35	1.32	4.24	5.82	5.93	5.03	4.61	3.49	4.17	4.01	3.37	2.97	1.91	3.02
860	901380	1.23	1.13	1.16	1.33	1.02	1.61	2.69	3.12	3.13	2.59	2.90	2.87	2.21	2.05	2.20	2.05	2.39
861	901730	1.39	1.51	1.38	1.87	1.63	1.49	1.37	1.38	1.36	1.37	1.29	1.14	1.20	1.22	1.20	1.06	1.04
862	901780	2.14	2.17	2.82	2.53	2.62	2.72	2.45	2.41	2.19	2.23	2.18	2.23	2.42	2.52	2.42	2.15	2.16
863	901910	2.42	2.48	2.78	2.80	2.95	2.61	2.37	2.24	2.46	2.45	2.55	2.51	2.49	2.41	2.48	2.21	2.25
864	902511	3.01	2.87	2.63	2.41	2.63	1.89	1.78	2.02	2.37	2.21	2.28	2.23	2.14	2.32	2.10	2.08	2.19
865	902830	1.05	1.23	1.70	1.68	1.83	3.53	1.87	1.28	1.84	1.61	1.57	1.60	1.15	1.32	1.44	1.32	1.17
866	910212	4.81	4.50	5.70	5.81	6.52	5.17	5.94	5.25	3.88	3.48	3.39	3.40	3.57	3.42	3.40	2.76	2.77
867	910219	3.38	4.88	5.19	2.62	2.12	2.32	2.12	2.12	1.96	1.79	1.76	1.39	1.75	1.97	1.47	2.06	1.93
868	910310	5.48	6.42	5.26	4.13	4.61	4.69	4.60	4.11	3.50	3.11	2.05	1.54	3.99	3.08	3.06	2.24	1.94
869	910511	8.83	9.85	10.25	9.30	8.86	8.48	7.75	6.79	6.00	5.71	5.12	4.89	4.74	4.67	4.64	3.96	3.92
870	910519	8.31	8.44	8.07	7.72	7.66	7.20	5.36	4.41	4.13	3.87	3.15	2.53	2.84	2.42	2.28	1.79	1.29
871	910521	6.02	7.59	7.88	6.31	6.39	6.59	5.80	5.67	4.92	4.76	4.31	4.27	4.51	4.56	4.56	3.89	3.88
872	910529	4.02	3.60	3.58	3.39	2.88	2.60	1.21	1.17	1.35	1.35	1.18	1.16	1.32	1.16	1.32	1.22	1.12
873	910591	5.57	7.08	6.94	6.10	6.62	6.59	6.33	6.15	5.57	5.28	4.78	4.09	3.99	4.05	3.76	3.1	3.14

(Contd.)

Table E2: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
874	910690	2.20	2.48	2.65	2.29	2.08	2.35	2.09	2.27	2.01	1.72	1.55	1.70	1.84	1.74	1.92	1.70	1.16
875	910812	5.97	7.05	6.04	6.21	7.43	7.18	5.22	5.02	6.21	4.37	4.17	2.65	3.66	2.88	2.31	2.94	3.15
876	910919	3.41	3.35	4.07	4.80	3.94	3.83	3.58	3.69	2.64	3.07	3.20	3.22	3.29	3.50	3.98	3.17	3.54
877	911120	4.60	4.55	5.25	4.88	4.42	4.67	4.67	4.02	4.22	4.40	4.02	3.87	3.50	3.32	3.71	3.21	3.47
878	911280	3.44	5.73	3.76	2.53	3.20	1.87	3.19	2.79	2.42	3.59	2.24	3.75	3.56	1.96	3.66	3.25	2.03
879	911320	3.28	3.19	2.70	2.49	2.16	2.26	2.21	1.70	1.42	1.45	1.50	1.77	2.08	2.12	2.13	1.97	2.02
880	911430	3.86	4.14	3.90	3.23	2.87	2.80	2.62	2.22	2.09	2.04	2.01	1.96	1.92	1.99	1.95	1.91	1.97
881	920210	2.25	2.27	3.34	3.77	3.68	4.00	3.42	3.30	3.07	3.29	2.88	2.92	2.90	2.59	2.67	2.62	2.43
882	920290	1.49	1.81	1.95	1.84	2.01	2.32	2.36	2.37	2.44	2.26	2.38	2.50	2.55	2.61	2.56	2.23	2.09
883	920710	1.83	1.74	2.22	1.84	1.78	2.53	2.64	2.53	2.38	2.39	2.27	2.08	2.14	2.23	1.99	1.87	1.76
884	920810	8.36	10.17	9.73	8.32	7.42	6.99	6.38	4.68	3.59	4.01	3.81	3.96	3.99	3.90	4.02	3.16	3.50
885	930330	3.50	3.32	3.39	2.91	2.48	3.47	1.52	1.61	1.30	1.51	1.63	1.43	1.96	1.81	1.49	1.23	1.06
886	930621	1.65	1.58	1.64	2.62	2.48	4.00	2.79	1.94	2.10	2.12	1.77	2.06	2.15	1.97	2.10	2.09	1.69
887	940169	1.87	1.66	1.76	1.80	1.92	2.24	2.25	2.15	1.94	2.10	2.12	1.70	2.06	1.83	1.61	1.77	1.66
888	940179	4.62	5.93	6.21	5.31	5.28	5.27	4.98	4.94	4.52	4.54	4.25	4.10	3.93	3.88	3.76	3.47	3.32
889	940350	1.12	1.03	1.30	1.54	1.73	2.05	2.27	2.27	2.25	2.40	2.17	1.99	2.03	2.11	2.01	2.10	1.86
890	940380	1.57	2.16	1.95	1.90	1.77	1.94	2.10	2.16	1.92	1.95	2.07	2.52	3.03	2.75	2.95	3.32	3.02
891	940430	8.42	8.70	9.07	9.24	8.46	8.11	7.08	6.36	5.88	5.75	5.09	4.54	4.34	4.21	4.23	3.54	3.44
892	940490	4.74	4.31	4.97	5.26	5.00	4.85	4.67	4.48	4.44	4.47	4.17	3.83	3.82	3.84	3.74	3.29	3.17
893	940520	3.95	4.06	4.91	4.83	4.72	4.68	4.20	3.70	3.37	3.15	2.73	2.50	2.51	2.58	2.65	2.67	3.13
894	940530	11.73	12.31	12.76	11.37	10.50	9.73	8.72	7.87	7.10	6.86	6.20	5.86	5.40	5.07	4.94	4.08	4.10
895	940540	2.12	2.06	2.30	2.57	2.79	2.96	2.95	2.78	2.64	2.55	2.37	2.56	2.07	2.40	2.36	2.26	2.53
896	940550	2.15	2.42	4.09	4.67	4.83	6.00	5.77	4.91	4.51	4.68	4.60	4.60	4.37	4.10	4.27	3.64	3.53
897	940591	1.58	1.53	1.63	1.45	1.41	1.41	1.41	1.61	1.75	1.75	1.84	2.00	3.17	3.26	3.53	4.15	4.10
898	940599	1.15	1.50	1.52	1.50	1.31	1.46	1.36	1.54	1.66	1.83	1.91	1.95	2.57	2.42	2.86	3.34	2.96
899	950390	6.54	7.21	7.55	6.96	6.29	5.87	5.17	4.62	4.00	3.85	3.52	3.20	2.92	2.80	2.68	2.34	2.24
900	950420	1.75	2.06	2.47	2.49	3.26	3.75	3.59	3.55	3.35	3.12	2.59	2.36	2.18	2.44	2.43	1.74	2.34
901	950490	2.81	2.47	1.80	1.58	1.23	1.64	1.90	2.25	3.09	3.13	2.69	2.73	2.71	2.28	2.97	2.43	2.20
902	950510	8.38	8.72	8.45	7.48	7.08	6.94	6.55	5.46	4.74	4.68	4.61	4.61	4.44	4.24	4.24	3.75	3.80
903	950590	2.47	2.17	2.01	1.98	2.21	2.38	2.47	2.43	2.18	2.19	2.31	2.45	2.32	2.10	2.04	1.82	1.89
904	950639	1.84	2.33	2.46	1.79	2.02	2.09	2.08	2.40	2.69	2.98	3.04	3.12	3.08	2.55	2.43	2.17	2.79
905	950640	3.17	3.09	3.11	3.21	2.97	2.30	1.93	1.87	1.84	1.80	1.59	1.88	1.93	2.25	2.49	2.09	2.19
906	950651	5.99	5.80	4.89	5.91	4.38	3.66	2.78	2.06	1.96	2.41	2.03	2.23	1.99	2.04	1.93	1.97	1.91
907	950659	6.70	6.09	6.07	6.20	6.13	6.17	5.48	5.30	4.91	4.87	4.28	3.96	3.74	3.81	3.79	3.26	3.35
908	950661	1.47	1.74	1.54	1.57	1.54	1.38	1.48	1.77	1.70	1.56	1.46	1.89	1.90	1.98	1.90	1.53	1.50
909	950662	6.44	6.02	5.29	4.70	4.63	4.72	3.36	3.07	2.96	2.92	3.02	3.06	3.17	2.96	2.96	2.70	2.63
910	950669	7.34	7.70	7.89	6.74	6.63	6.30	5.34	5.09	4.64	4.76	4.26	4.32	4.16	3.96	3.83	3.47	3.34
911	950670	2.95	3.27	3.88	3.90	4.15	4.21	3.42	3.21	2.97	3.28	3.72	3.52	3.34	3.17	3.51	2.95	2.89
912	950691	3.45	3.72	4.03	4.55	4.28	3.82	3.78	3.93	3.76	3.77	3.54	3.54	3.41	3.33	3.19	2.81	2.89
913	950699	1.25	1.45	1.75	1.89	1.59	1.52	1.41	1.61	1.63	1.73	1.98	2.09	1.85	1.86	1.99	1.88	1.85

(Contd.)

Table E2: ***(Concld.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
914	950710	3.34	4.24	4.03	4.11	4.21	4.26	4.37	4.18	3.90	4.00	3.66	3.79	3.82	3.56	3.52	2.92	3.21
915	950720	2.51	2.46	2.62	1.87	2.04	1.89	1.63	1.43	1.36	1.55	1.38	2.07	2.05	1.70	1.73	1.55	1.59
916	950730	1.25	1.60	1.55	1.66	2.11	2.48	2.42	2.38	2.17	2.23	2.10	2.16	2.35	2.17	2.32	1.87	1.96
917	950790	1.16	1.36	1.63	1.80	2.06	2.12	2.16	2.11	2.05	1.99	2.00	2.00	2.03	2.04	2.04	1.88	1.86
918	960310	3.69	3.43	2.46	2.10	2.20	1.92	1.78	1.50	1.50	1.38	1.34	1.23	1.28	1.27	1.42	1.32	1.49
919	960321	1.19	1.52	1.67	1.42	1.47	1.04	1.13	1.06	1.13	1.31	1.62	1.78	1.79	1.79	1.76	1.63	1.59
920	960329	2.65	2.92	2.66	2.47	2.48	2.04	2.22	2.09	2.53	2.79	2.77	3.03	2.80	2.77	2.59	2.49	2.51
921	960330	2.97	2.86	2.83	2.66	2.48	2.33	2.01	1.79	1.65	1.70	1.56	1.69	1.58	1.67	1.61	1.58	1.37
922	960340	5.08	4.73	4.98	4.87	4.69	4.39	4.03	4.03	3.74	3.65	3.45	3.50	3.37	3.41	3.34	2.87	2.79
923	960390	1.57	1.42	1.63	1.25	1.41	1.63	1.80	1.99	2.20	2.37	2.55	2.85	2.97	3.25	3.07	2.83	2.74
924	960500	5.57	6.95	7.17	6.03	6.24	6.76	6.05	5.79	5.03	4.78	4.65	4.66	4.40	4.20	4.21	3.60	3.66
925	960622	3.03	2.63	2.97	3.12	2.69	2.86	2.78	2.49	2.16	2.42	2.67	2.84	2.78	2.88	2.95	3.05	3.19
926	960630	2.95	2.82	3.53	3.23	2.25	2.02	2.69	2.19	1.68	2.08	2.61	1.96	1.80	1.82	1.73	2.62	1.70
927	960711	1.22	1.19	1.33	1.07	1.05	1.03	1.10	1.17	1.17	1.41	1.69	1.80	1.82	1.76	1.75	1.82	2.08
928	960719	2.62	2.41	2.01	1.59	1.88	1.83	1.81	1.94	1.93	1.87	2.11	2.25	2.09	2.02	2.13	1.97	2.40
929	960850	1.08	1.70	1.90	1.53	1.78	2.38	3.68	4.15	3.31	3.46	3.47	3.70	3.18	3.05	3.01	3.09	2.93
930	960910	5.30	4.93	4.83	4.77	4.34	4.00	3.46	3.23	2.90	2.97	2.78	2.66	2.61	2.59	2.57	2.25	2.25
931	960990	2.18	2.07	2.16	1.68	1.83	1.76	2.08	2.28	2.21	2.30	2.34	2.27	2.30	2.23	2.28	2.13	2.32
932	961310	3.41	3.30	3.27	3.53	3.28	2.99	2.69	2.26	2.43	2.08	1.78	1.99	1.86	1.84	1.79	1.72	1.55
933	961320	5.37	6.69	6.52	6.98	7.34	6.51	5.73	5.26	4.90	5.02	4.54	4.18	4.35	4.12	4.10	3.42	3.20
934	961380	1.86	2.21	2.17	2.24	2.28	1.97	2.10	2.25	2.19	2.16	2.07	2.08	2.20	2.14	2.04	1.72	1.73
935	961390	1.25	1.85	1.47	1.10	1.50	1.60	1.64	1.56	1.94	1.92	1.80	1.83	1.82	1.98	1.77	2.21	1.78
936	961511	5.40	6.11	6.78	6.14	6.04	5.99	5.44	5.37	5.35	5.09	4.81	4.80	4.77	4.80	4.91	4.05	4.12
937	961519	5.36	5.31	4.64	4.01	3.59	3.66	3.60	3.29	3.11	3.10	2.88	2.93	3.23	3.39	3.60	3.15	3.21
938	961590	1.43	1.46	1.42	2.04	2.27	2.21	1.74	1.66	1.53	1.71	2.21	2.48	2.26	2.19	2.46	2.16	2.37
939	961620	1.95	1.54	2.00	1.35	1.26	1.24	1.09	1.36	1.38	1.61	1.21	1.43	1.49	1.44	1.69	1.85	1.89
940	961700	4.87	5.54	6.04	5.47	5.34	5.17	4.49	5.41	5.14	4.89	4.65	4.91	4.65	4.40	4.33	3.50	3.52

Table E3: List of Products (HS-06 Digit) with Sustained RCA in the Export of Brazil During 1997 to 2013

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	20130	1.01	1.17	2.34	3.29	4.46	4.63	5.98	6.80	5.80	5.64	5.83	1.87	2.51	2.85	3.03	3.54	3.85
2	20230	2.79	4.69	7.39	7.19	10.43	9.93	12.23	17.16	18.37	22.36	23.10	22.10	18.25	17.30	13.74	12.46	14.55
3	20329	4.60	3.96	3.38	4.25	5.48	7.35	8.60	8.18	10.15	8.99	9.99	8.65	8.66	8.07	6.17	6.23	6.08
4	20712	34.47	30.78	42.04	44.81	47.78	49.82	52.58	54.03	53.04	53.87	53.76	49.76	48.02	44.25	39.38	32.62	36.57
5	20714	10.14	9.55	13.34	12.71	16.56	20.75	21.52	28.41	28.99	28.87	28.17	27.27	24.11	24.20	23.50	19.33	21.01
6	20727	4.89	5.62	8.95	12.23	15.81	18.23	23.97	25.30	18.24	13.40	13.34	13.87	11.38	12.32	10.50	10.35	10.58
7	21020	2.08	4.02	7.71	8.72	7.36	9.05	6.97	7.12	5.42	4.73	21.14	15.48	8.58	3.07	5.69	7.27	6.64
8	30611	10.74	11.92	8.35	8.64	9.54	11.99	10.42	11.04	10.49	11.38	12.77	13.72	10.56	12.93	11.22	12.20	12.45
9	50400	2.71	2.88	3.95	3.90	3.55	4.18	4.60	4.16	3.91	4.10	5.64	5.75	6.27	6.21	5.70	6.04	7.41
10	50790	4.35	5.88	5.41	3.47	3.36	3.03	4.54	3.86	3.37	4.63	3.96	3.99	3.99	3.18	2.47	2.24	2.12
11	51000	6.11	6.10	12.07	12.11	11.73	8.33	10.88	11.65	11.01	12.52	14.09	15.69	14.31	12.55	17.99	16.89	14.38
12	51199	2.51	2.42	2.80	3.67	4.47	3.86	3.48	3.20	3.95	3.61	3.80	2.97	3.64	5.35	3.49	3.20	3.67
13	80121	70.97	64.21	54.57	73.64	55.51	59.47	46.32	34.90	58.98	39.93	19.64	41.30	23.94	22.34	32.11	37.04	40.20
14	80132	25.21	23.05	18.52	20.95	16.84	14.01	15.38	12.69	9.94	10.81	10.94	7.13	8.81	6.88	4.85	8.04	5.21
15	80450	5.70	8.89	9.39	9.46	11.47	13.09	12.69	9.55	9.10	9.45	7.92	9.02	7.04	6.89	6.38	6.06	5.69
16	80719	2.82	3.59	4.13	3.92	5.12	5.35	6.78	6.28	7.04	6.89	7.88	8.50	7.01	6.60	6.81	6.51	6.99
17	80720	10.57	12.64	16.16	17.81	16.69	19.51	18.89	13.02	14.45	14.15	15.70	16.47	13.38	12.70	13.82	11.55	13.71
18	90111	26.42	24.11	29.52	23.60	23.53	25.73	23.01	22.91	23.42	22.84	21.35	20.68	20.46	21.84	21.58	26.53	22.87
19	90300	42.61	47.94	53.26	50.74	46.72	43.05	36.38	35.10	39.75	41.40	39.66	39.56	35.65	33.90	33.38	26.06	32.07
20	90411	6.73	8.64	9.88	7.75	11.44	12.30	11.97	12.15	8.92	11.01	10.45	8.44	8.36	6.95	7.97	9.28	11.63
21	120100	19.89	22.32	21.74	25.14	25.28	27.72	26.14	29.94	27.53	28.37	23.42	23.28	25.36	18.97	22.91	18.05	25.22
22	120929	6.13	7.84	6.58	7.32	7.67	8.73	8.81	7.82	8.15	11.92	11.80	10.04	9.47	9.48	9.85	9.75	7.71
23	130190	6.71	6.46	4.24	2.05	2.55	2.59	2.37	1.26	1.40	2.15	2.74	3.06	3.53	3.43	4.70	2.51	2.13
24	130220	8.43	6.03	7.40	5.79	6.51	4.14	5.38	3.66	3.96	3.40	4.43	6.89	7.16	6.66	6.01	5.23	6.89
25	150710	18.81	18.83	22.33	18.03	19.68	23.24	23.92	23.02	20.38	14.75	13.66	15.12	12.11	10.27	11.77	11.14	9.15
26	150790	4.45	7.62	12.62	8.29	10.16	9.80	15.58	17.13	17.81	24.69	22.76	18.67	9.71	6.37	7.56	6.28	5.29
27	152110	61.69	59.93	62.77	66.46	61.94	57.75	47.04	45.62	46.96	42.66	42.95	41.03	39.78	39.88	32.30	25.47	31.27
28	152190	12.27	15.28	20.49	24.41	17.70	16.80	15.56	13.29	8.85	6.82	5.34	4.09	4.62	2.70	2.76	2.84	3.15
29	160250	20.90	26.48	34.40	28.99	28.52	30.06	27.93	26.79	25.06	28.18	27.49	26.53	22.57	16.74	15.77	15.54	15.98
30	160300	9.17	24.98	44.07	30.72	19.11	12.39	9.96	8.05	9.27	12.26	15.35	27.25	16.17	9.48	9.07	8.99	7.70
31	170111	25.09	35.06	36.83	24.76	31.04	30.64	31.75	31.86	36.73	44.15	38.55	36.46	45.98	47.60	42.47	36.06	40.51
32	170199	12.48	14.29	16.49	10.41	16.49	17.83	13.34	15.67	15.07	17.56	16.46	13.80	17.25	17.00	13.08	11.15	12.26
33	170410	3.00	3.69	5.13	4.26	4.70	3.47	3.11	3.79	3.53	3.50	3.31	2.90	3.05	2.96	2.85	2.25	2.03
34	180310	4.17	5.90	4.99	4.85	2.99	4.13	2.17	1.85	2.32	2.56	2.30	2.14	1.59	1.42	1.12	1.36	1.39
35	180400	5.37	6.25	5.32	7.04	4.30	6.18	5.43	4.50	4.86	4.35	3.75	3.06	2.66	2.47	1.86	1.87	1.06
36	180500	3.06	3.03	3.14	3.36	3.71	3.59	3.92	3.61	3.64	3.25	2.88	2.40	2.43	2.37	2.49	2.45	2.65

(Contd.)

Table E3: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
37	190300	4.01	2.41	2.29	3.18	1.64	1.82	1.90	1.98	2.57	2.04	2.01	2.57	2.55	2.24	1.30	1.07	2.02
38	190520	2.38	2.58	3.31	6.30	3.78	2.99	2.30	2.93	2.55	2.42	2.36	3.00	2.78	2.79	2.65	2.49	2.75
39	200891	30.41	20.17	22.21	14.72	12.52	10.46	10.51	8.99	9.23	8.52	8.87	6.13	5.50	3.89	2.56	6.79	1.39
40	200911	49.88	51.56	55.03	53.87	52.40	64.62	66.90	58.71	51.82	55.10	56.80	47.92	41.11	35.11	30.36	32.32	34.49
41	200930	3.75	2.91	2.67	4.10	1.50	2.41	2.56	3.38	1.50	3.18	3.81	3.22	2.03	2.04	1.84	1.09	1.45
42	210111	17.54	14.68	16.65	15.90	12.53	11.77	11.34	12.15	11.88	11.50	11.06	11.64	10.05	9.80	9.05	8.47	8.40
43	210220	3.81	4.62	5.45	4.37	4.50	5.29	5.29	5.18	6.80	9.69	9.73	10.53	8.87	9.29	8.40	8.11	9.38
44	220710	5.70	4.25	10.90	5.55	9.93	17.72	13.09	30.70	29.70	34.98	35.11	31.93	21.80	14.46	14.93	18.62	17.82
45	220840	3.27	2.17	2.15	2.47	1.73	1.57	1.69	1.73	1.74	1.90	1.36	1.42	1.32	1.08	1.10	1.03	1.11
46	230400	26.15	22.89	26.15	25.55	25.10	25.93	26.00	25.37	21.49	17.09	16.03	15.51	15.69	14.60	14.59	13.18	13.75
47	230890	26.73	7.92	20.34	14.86	23.41	22.02	20.76	16.79	17.32	18.68	18.25	11.90	13.46	11.78	9.71	7.37	6.40
48	240110	4.10	4.06	4.00	3.41	2.77	2.19	1.76	1.95	1.62	1.61	1.68	1.59	1.46	1.57	1.83	2.15	1.34
49	240120	23.59	23.08	23.76	21.37	19.73	24.94	24.76	23.17	26.69	24.92	26.49	25.88	25.58	21.71	20.52	22.52	19.59
50	240130	20.41	19.48	20.73	27.64	31.36	30.55	27.68	26.47	23.85	29.17	28.52	25.54	20.80	15.40	18.25	20.60	21.72
51	250410	11.34	13.56	17.65	17.74	13.08	11.01	9.53	5.89	6.57	6.58	4.92	4.57	5.84	5.71	4.25	4.75	5.01
52	250610	1.85	2.34	1.88	2.46	2.08	2.23	2.63	2.82	3.35	2.63	3.33	2.59	2.25	1.76	2.45	2.05	1.09
53	250700	5.64	7.07	9.47	11.30	11.14	11.65	12.24	11.64	10.41	11.62	12.51	13.31	12.57	11.40	9.97	8.32	8.90
54	252400	9.29	9.04	10.50	9.46	7.72	11.51	16.15	13.36	12.76	11.95	14.76	14.78	14.20	11.81	12.41	10.49	13.17
55	260111	28.60	33.58	37.22	35.63	31.11	30.08	29.24	23.86	18.84	20.39	19.95	17.30	17.58	18.26	17.47	14.23	15.01
56	260112	28.18	30.61	38.75	39.88	32.88	30.21	27.69	27.39	25.59	26.96	24.53	23.25	17.08	22.28	20.16	17.61	18.76
57	260200	11.66	15.56	11.75	13.19	13.97	12.64	12.60	10.54	10.17	4.46	5.71	9.09	29.61	6.08	5.04	3.72	4.35
58	260600	34.58	15.36	19.06	19.27	14.02	15.27	30.60	16.66	15.85	13.47	9.75	11.32	13.27	13.57	11.93	12.44	8.11
59	261590	4.41	2.07	1.10	1.12	4.22	4.10	2.19	1.78	3.11	2.00	3.01	3.88	7.10	5.49	4.96	10.42	9.61
60	280469	15.02	13.39	14.80	16.82	12.08	14.82	14.82	13.24	14.54	13.91	13.33	11.36	13.16	9.96	10.54	10.96	7.84
61	281810	2.91	2.67	2.76	2.84	2.01	2.36	2.45	2.47	2.86	3.03	2.64	2.26	3.59	2.22	1.51	1.13	1.22
62	281820	2.76	3.44	4.35	4.42	3.82	3.61	5.38	5.14	5.30	7.86	8.88	8.88	11.77	10.33	12.04	9.75	10.01
63	282090	2.56	3.54	2.89	1.82	1.47	4.53	6.41	4.42	8.02	5.37	5.63	9.68	10.22	5.78	6.06	6.14	4.49
64	282590	9.75	8.88	9.32	7.49	10.61	5.31	5.01	4.08	2.37	2.01	2.32	3.59	6.47	6.57	5.14	5.94	5.34
65	282760	1.02	1.63	2.63	1.85	3.02	6.18	8.14	8.38	7.93	8.45	11.58	8.46	5.64	3.17	4.59	6.20	4.83
66	282990	1.52	2.63	3.46	4.09	3.99	7.45	6.04	5.64	5.53	5.21	6.61	5.81	6.59	7.49	7.21	8.47	10.18
67	284700	1.69	1.86	3.19	4.03	3.41	2.68	4.19	3.91	3.53	3.37	4.07	3.80	4.40	4.66	4.13	4.23	4.53
68	284920	3.57	3.88	5.03	6.59	6.21	6.50	5.76	5.24	4.70	5.02	4.74	4.73	3.85	3.51	3.88	2.97	2.91
69	290124	5.06	8.32	6.32	5.49	5.14	3.84	3.27	2.52	2.73	2.09	2.33	1.98	3.60	3.08	2.08	2.78	5.61
70	290220	7.78	7.73	10.99	7.54	4.88	4.55	5.38	4.40	4.91	3.51	4.29	4.29	3.45	2.84	1.63	1.29	2.04
71	290532	4.35	4.47	5.64	4.90	2.45	3.12	3.73	3.41	3.12	3.26	3.62	2.12	2.47	2.17	1.92	1.50	1.46

(Contd.)

Table E3: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
72	290543	42.94	50.07	50.64	52.32	40.18	32.76	35.49	23.27	20.20	17.18	19.51	16.71	21.01	14.21	12.80	12.46	9.41
73	290919	2.20	2.88	4.33	5.68	4.33	4.26	5.33	3.59	3.63	2.78	2.76	3.56	3.17	3.08	2.82	2.45	3.08
74	290944	4.47	3.90	5.29	4.44	3.78	4.76	5.07	7.77	7.65	8.03	7.05	5.33	6.04	5.99	1.86	4.14	5.60
75	291531	1.98	1.14	2.06	3.05	2.56	4.14	2.59	4.57	4.78	5.35	5.68	5.50	4.28	3.30	2.61	1.89	2.04
76	291811	4.16	5.56	14.81	8.70	5.25	6.39	4.78	6.66	5.71	4.75	6.75	5.96	2.66	4.56	2.23	1.90	1.20
77	291814	2.98	1.91	4.06	2.99	3.54	4.39	3.59	2.90	2.84	2.65	2.46	2.61	4.03	3.52	2.72	1.87	1.46
78	291821	24.73	20.04	22.32	26.05	33.40	33.84	21.75	22.76	29.61	30.13	29.40	23.13	17.89	16.40	12.27	9.72	9.37
79	292241	1.08	1.29	1.50	1.63	1.80	3.24	3.48	3.63	4.17	4.00	7.94	10.94	9.07	7.82	9.29	6.62	6.40
80	292242	21.94	23.50	19.79	14.42	12.98	16.50	15.77	14.95	14.14	13.39	14.34	14.96	12.68	14.15	12.49	8.91	8.57
81	292610	2.38	2.17	2.47	2.95	1.97	2.66	1.73	1.73	1.42	1.56	1.33	1.33	1.69	2.36	1.54	1.67	1.60
82	300610	2.87	2.72	3.35	3.32	2.57	2.09	1.90	1.38	1.51	1.44	1.87	1.68	1.46	1.17	1.40	1.41	1.32
83	310520	1.58	1.06	1.37	1.83	1.47	1.72	2.14	2.28	2.11	2.32	3.10	2.55	2.50	2.34	2.31	2.06	2.70
84	310560	3.64	4.74	3.53	6.10	12.63	11.60	16.69	19.29	12.70	14.45	16.11	14.67	12.89	11.83	9.64	5.47	6.07
85	320120	36.14	42.41	46.67	45.49	41.12	42.44	41.46	36.10	32.96	32.80	35.90	36.21	33.79	30.01	30.25	26.87	26.43
86	321310	2.48	2.28	2.34	1.97	1.74	1.69	1.73	1.86	1.67	2.11	2.40	2.55	2.25	1.89	1.81	1.41	1.63
87	330112	33.17	23.92	24.08	23.81	28.21	32.95	37.74	30.63	29.63	32.40	29.02	26.07	22.98	22.08	20.08	21.42	20.02
88	330119	5.03	3.69	5.32	3.59	2.89	3.29	2.24	2.26	1.42	2.25	2.31	3.98	1.82	4.01	2.97	2.22	2.63
89	330190	13.01	9.22	7.32	10.79	10.65	14.52	16.52	11.12	9.31	11.15	9.76	7.92	8.50	7.20	10.54	7.53	7.03
90	330610	1.65	2.16	3.16	4.09	4.21	3.72	3.43	3.80	4.49	4.71	4.11	2.66	2.47	3.04	1.86	1.55	1.32
91	330620	1.23	1.60	4.17	6.58	5.61	2.83	2.20	2.22	2.98	3.62	3.39	2.42	2.27	2.87	3.94	3.15	2.40
92	350300	7.03	6.68	7.28	7.91	7.23	7.88	7.59	7.42	9.72	10.10	10.68	9.45	10.07	8.98	8.68	9.12	10.46
93	360500	3.28	3.25	2.89	2.75	2.70	2.77	2.55	2.09	2.00	1.95	1.83	2.03	2.11	2.06	1.94	1.79	2.03
94	380130	4.16	3.30	4.44	5.80	3.66	4.32	4.94	4.92	3.98	4.81	4.34	2.24	3.37	3.43	2.12	2.29	2.07
95	380510	9.05	9.60	9.38	10.61	6.86	11.77	13.08	11.02	10.01	8.36	9.65	11.53	10.24	10.26	6.98	8.75	11.55
96	380610	4.12	5.13	6.24	5.61	4.78	4.05	6.29	4.30	4.03	5.28	4.36	3.91	5.31	3.47	3.07	6.63	6.63
97	380820	1.15	1.16	1.34	1.61	1.13	1.65	1.20	1.49	1.07	1.13	2.44	2.09	1.84	2.24	2.10	1.70	1.22
98	380993	2.28	1.74	2.28	2.08	2.07	2.09	1.89	2.09	2.08	2.39	2.50	2.54	2.56	2.70	2.21	2.74	2.71
99	390110	1.89	1.73	1.95	2.40	1.56	1.69	2.28	1.82	2.04	2.39	2.24	1.73	1.96	1.67	1.67	2.14	2.27
100	390120	1.89	1.61	1.80	2.73	2.03	1.96	2.05	1.60	1.45	1.96	1.79	1.28	1.75	1.50	1.57	1.76	1.70
101	391220	10.65	2.00	5.11	7.53	8.95	9.04	9.38	11.00	12.22	13.82	16.46	17.37	15.55	12.85	11.92	10.42	13.78
102	391290	1.23	1.23	1.46	1.40	1.60	2.18	1.63	1.65	1.45	1.38	1.30	1.16	1.64	1.41	1.27	1.23	1.53
103	391710	1.41	1.59	2.06	1.98	1.45	1.74	1.40	1.30	1.45	1.57	1.57	1.89	1.88	1.97	1.55	1.71	2.13
104	400219	6.42	3.89	5.31	4.03	3.14	3.29	3.74	2.84	3.07	2.11	1.64	1.37	2.30	1.85	1.88	1.34	1.18
105	400610	1.76	2.39	2.15	3.37	4.35	1.85	1.71	1.36	1.41	2.50	3.43	3.34	3.34	2.17	2.02	2.57	1.17
106	400821	1.41	1.21	1.72	2.02	2.07	2.20	2.66	2.69	2.77	1.79	1.92	1.60	1.46	1.48	1.22	1.10	1.09

(Contd.)

Table E3: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
107	401120	2.63	2.69	2.88	3.16	2.79	2.43	2.60	2.27	2.06	2.26	2.59	2.27	1.82	1.43	1.22	1.08	1.11
108	401140	7.34	7.55	7.51	7.33	6.36	6.03	6.11	5.31	4.94	4.94	5.43	4.49	4.37	4.38	4.56	4.10	4.95
109	401290	4.05	3.69	4.08	5.19	4.34	5.17	5.62	6.28	6.01	5.42	5.05	5.53	6.56	5.77	5.27	4.64	6.62
110	410429	37.90	35.44	25.65	16.88	6.33	1.96	4.00	4.54	8.41	11.81	3.73	10.96	9.09	10.37	9.56	12.83	14.64
111	410431	5.57	4.87	5.84	6.17	7.50	6.58	7.65	7.33	8.07	9.44	10.96	10.66	8.88	9.54	9.60	12.46	10.15
112	440122	1.92	3.18	2.60	2.89	2.81	3.80	4.05	4.29	4.32	4.18	4.16	3.61	3.19	2.88	2.36	3.08	4.07
113	440729	5.07	8.10	12.98	16.12	10.10	19.11	18.71	17.40	15.16	12.59	13.76	11.03	9.72	8.82	6.80	6.59	7.00
114	440799	7.08	7.27	7.54	7.65	7.93	8.02	7.80	9.01	8.30	7.16	8.06	5.68	3.87	2.99	2.13	1.91	1.57
115	440839	6.69	6.63	5.32	6.47	5.07	4.19	1.90	2.18	2.04	2.55	2.67	1.84	1.97	1.96	1.87	3.18	3.08
116	440920	3.39	3.52	4.99	6.61	5.46	5.48	5.93	7.91	8.11	9.33	10.23	9.31	7.85	8.16	7.61	6.27	5.50
117	441219	3.24	6.08	11.99	12.06	10.73	14.24	18.18	17.29	12.50	9.40	8.72	7.17	6.14	7.52	6.68	7.47	9.03
118	441700	9.35	10.16	12.01	10.90	9.64	13.40	12.36	12.66	14.92	14.50	12.69	11.86	8.50	9.96	10.05	7.07	7.40
119	441820	4.05	4.20	5.56	5.62	5.80	6.52	5.85	6.56	6.13	6.37	5.47	4.30	3.84	3.72	2.92	2.95	3.20
120	480251	1.64	2.14	1.59	2.13	1.28	1.39	2.16	3.96	4.14	5.11	6.19	4.22	4.46	4.76	5.08	5.58	5.92
121	480252	5.89	4.70	4.46	2.81	2.79	4.11	4.34	3.57	4.16	3.98	4.46	4.44	4.86	4.59	4.03	3.30	3.52
122	480411	2.80	2.76	3.82	3.76	3.95	4.65	4.90	4.67	4.54	4.62	3.93	3.41	2.72	2.12	2.19	1.69	2.13
123	481930	2.66	2.92	2.04	2.37	2.44	3.27	4.61	4.52	4.59	5.17	5.72	4.81	4.94	4.35	4.76	6.24	5.69
124	482020	5.74	5.61	6.64	11.58	8.09	10.06	9.10	9.82	6.14	13.37	8.59	5.70	4.34	4.01	2.82	2.96	3.43
125	500400	29.14	28.11	27.88	20.60	15.13	17.60	15.76	14.17	9.80	10.65	10.16	8.38	6.94	6.72	5.63	6.70	6.99
126	520922	2.80	2.37	3.94	4.41	5.26	3.24	6.09	6.67	7.29	6.49	9.64	7.58	5.60	3.83	4.68	4.07	4.05
127	520942	3.75	4.35	4.57	4.29	4.52	3.42	3.97	3.20	2.98	3.11	2.76	1.91	1.12	1.07	1.31	1.13	1.02
128	530890	2.14	1.86	2.61	6.32	5.75	5.74	6.94	8.92	12.20	16.75	11.92	11.68	12.48	10.63	6.04	5.48	9.26
129	560721	57.63	55.44	58.53	67.35	58.50	48.45	47.52	48.39	48.41	54.71	44.13	48.97	39.97	29.67	32.66	37.06	35.27
130	560729	5.19	7.96	4.84	5.39	4.94	6.77	4.50	4.17	3.48	2.27	2.33	2.98	1.60	2.09	2.03	2.39	2.83
131	580219	2.15	3.11	5.26	5.28	5.13	3.91	2.59	7.27	2.08	1.42	1.48	1.89	1.20	1.72	7.19	7.38	7.89
132	640220	6.72	5.72	6.71	8.87	8.08	8.18	9.15	8.21	6.64	7.23	9.93	11.31	8.43	7.05	5.35	5.01	6.21
133	640399	9.68	8.73	9.08	9.98	8.85	7.88	7.24	6.59	5.30	4.67	3.78	3.12	2.40	2.00	1.35	1.18	1.02
134	640610	2.43	2.30	2.68	2.80	2.38	2.42	2.11	2.06	2.03	2.19	2.40	2.48	2.22	2.35	2.47	2.40	2.11
135	680100	2.66	3.43	4.15	4.78	6.00	7.01	6.83	7.16	6.96	7.37	6.47	1.04	5.12	4.80	4.25	3.64	1.95
136	680223	4.32	6.58	8.52	10.00	9.33	11.14	12.50	14.10	4.05	2.93	4.61	3.17	2.31	1.93	1.49	1.34	1.31
137	680229	1.90	2.22	2.98	4.06	2.81	3.23	4.71	3.90	3.88	6.42	4.13	3.16	3.94	3.32	6.38	14.40	14.33
138	680300	2.98	3.48	4.91	5.92	6.00	6.88	7.07	8.02	8.14	9.60	9.14	9.22	7.15	6.82	4.93	4.26	4.48
139	681310	5.77	5.72	5.96	7.61	7.35	7.28	9.30	9.55	10.08	10.76	8.18	7.25	7.15	7.14	6.73	5.69	6.07
140	681390	1.10	1.30	2.37	5.15	3.42	6.10	5.93	5.87	6.28	6.24	8.01	7.26	5.18	5.10	4.93	3.52	3.79

(Contd.)

Table E3: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
141	681410	3.12	2.46	3.53	4.55	4.15	2.63	2.44	2.68	2.79	3.53	2.80	2.69	2.86	2.35	1.78	1.76	1.29
142	690210	2.12	2.45	2.25	2.38	2.10	2.29	1.95	1.80	1.84	2.04	1.95	1.78	1.75	1.44	1.09	1.13	1.39
143	690310	1.45	1.23	1.99	1.82	1.33	2.27	2.22	2.91	2.68	1.62	3.28	1.29	1.19	1.07	1.55	1.37	1.78
144	690890	2.56	2.55	3.10	3.53	3.08	3.31	3.36	3.55	3.48	3.61	2.87	2.36	2.01	1.76	1.57	1.59	1.26
145	700231	3.46	4.58	4.06	3.19	3.09	5.15	4.63	3.54	4.29	3.39	3.85	3.15	2.14	1.48	1.55	1.35	1.63
146	710399	6.16	4.89	5.27	6.36	5.26	5.46	5.35	6.21	5.12	5.87	5.32	3.47	4.43	4.33	4.78	4.34	5.65
147	710813	4.82	2.69	4.31	5.42	4.97	4.96	3.36	3.36	3.58	3.30	3.20	2.93	3.82	3.98	3.15	2.78	1.15
148	711510	3.11	8.81	10.14	11.06	5.70	4.72	2.27	2.07	3.18	4.97	5.95	7.71	5.36	4.58	3.86	3.00	2.54
149	720110	18.42	26.17	30.85	33.87	33.89	35.89	30.89	27.68	31.47	30.13	27.09	29.30	20.69	14.59	15.43	14.40	14.00
150	720221	10.86	9.46	10.71	10.23	5.84	5.68	4.91	3.97	4.13	4.59	3.40	3.20	7.58	5.27	4.46	5.33	4.37
151	720229	7.99	6.83	9.69	16.67	11.43	18.20	13.53	12.87	8.21	7.46	7.86	9.32	6.58	4.65	4.38	2.53	2.90
152	720293	71.89	70.98	74.19	71.12	63.24	80.46	78.13	70.10	68.70	68.26	65.82	63.88	61.60	58.20	54.80	47.26	52.06
153	720299	11.60	12.02	9.89	10.42	9.39	8.46	7.95	8.11	6.82	6.72	5.95	6.30	6.97	6.70	2.52	3.11	5.80
154	720711	7.68	5.63	7.19	7.13	4.05	4.79	7.68	4.97	4.82	4.59	3.66	3.00	2.27	1.84	2.86	2.36	1.39
155	720712	26.04	28.35	30.09	24.95	20.99	23.81	19.07	11.58	8.59	7.73	6.63	9.59	9.65	9.32	11.73	9.20	7.90
156	720720	3.76	11.12	6.43	6.78	5.08	5.01	6.27	6.35	6.87	7.42	4.82	4.75	4.21	3.13	2.74	2.10	3.64
157	721012	3.29	4.07	4.04	3.95	3.31	3.78	4.02	3.00	3.08	2.46	2.94	1.67	1.10	1.37	1.78	1.14	1.43
158	721050	10.27	8.99	10.25	7.69	5.85	6.34	7.14	4.60	5.66	3.09	4.45	2.68	2.34	2.13	1.57	1.51	1.73
159	721391	1.97	1.48	3.52	4.01	3.18	3.31	4.53	3.32	5.84	3.94	3.06	2.36	2.80	1.81	1.67	1.09	1.28
160	721621	2.51	3.59	5.69	4.36	8.93	5.30	7.47	3.76	5.52	4.84	4.05	2.66	2.30	2.01	1.54	1.74	1.82
161	722490	3.18	4.38	11.55	34.60	29.01	29.32	21.08	14.71	16.96	12.60	12.74	6.40	4.58	5.56	12.62	16.26	15.29
162	722850	1.73	1.73	2.81	3.36	2.88	3.09	2.63	2.33	3.40	2.73	2.29	2.39	2.06	2.13	1.64	1.98	2.07
163	731300	8.49	6.64	10.56	8.72	6.60	7.06	5.98	5.43	4.78	3.56	4.76	3.44	3.00	5.89	2.93	3.41	3.39
164	741819	3.87	4.35	4.43	4.20	2.84	4.07	2.52	3.36	2.73	4.20	5.46	5.00	4.16	3.45	4.02	2.47	2.54
165	760110	8.26	7.49	8.64	8.34	5.48	7.02	6.42	5.32	4.47	5.15	4.87	4.21	4.09	3.25	3.09	2.77	2.66
166	811299	10.27	13.62	7.45	6.16	10.08	4.65	7.13	6.58	7.47	10.05	9.12	11.25	7.99	11.79	13.35	15.74	16.04
167	820110	5.61	6.01	6.49	7.14	5.54	6.06	6.61	6.22	4.45	3.21	3.14	2.99	2.26	2.13	1.68	1.91	1.67
168	820130	4.42	3.57	3.63	3.08	3.04	2.76	2.73	2.96	2.32	2.10	2.79	2.75	1.79	1.68	1.48	1.43	1.28
169	820240	2.34	1.48	2.48	3.83	2.96	4.00	3.56	3.99	5.02	4.55	3.97	3.87	3.91	4.22	3.84	4.98	5.68
170	820291	6.71	6.46	5.80	8.53	6.21	4.50	4.33	4.89	5.56	4.23	4.64	4.16	3.16	3.04	3.13	2.54	3.10
171	820310	2.77	1.97	2.54	1.88	1.58	1.93	2.24	2.46	3.47	2.99	3.94	3.93	2.48	2.92	2.65	2.66	2.52
172	820750	1.26	1.43	1.45	1.65	1.60	1.29	1.63	1.49	1.55	1.24	1.28	1.26	1.33	1.36	1.27	1.24	1.22
173	821191	7.14	6.54	7.51	6.96	7.92	6.89	6.39	7.15	6.38	7.15	6.30	5.62	6.23	6.97	9.26	7.26	7.28
174	821192	5.71	6.73	6.88	7.01	5.85	5.22	3.68	4.28	3.79	3.87	3.26	3.23	2.96	3.08	2.59	1.65	2.12
175	821210	3.42	2.77	2.36	2.53	1.81	1.77	2.82	1.85	1.98	2.91	2.45	2.10	2.35	1.87	2.15	2.40	2.23
176	840991	2.15	2.49	2.83	2.92	2.54	2.64	2.27	1.68	1.48	1.63	1.56	1.44	1.44	1.32	1.22	1.02	1.07

(Contd.)

Table E3: ***(Concld.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
177	840999	3.88	3.99	3.55	3.62	2.57	2.70	2.85	3.29	3.00	3.45	3.04	2.69	1.74	2.26	2.40	2.17	2.18
178	841090	2.37	2.50	2.98	1.96	6.15	5.29	2.82	2.82	4.44	5.35	5.43	4.95	3.57	3.22	3.18	2.27	2.40
179	841311	1.58	2.21	3.79	3.52	3.26	3.67	2.98	3.22	3.74	2.27	1.61	2.21	1.61	1.39	1.82	1.47	1.87
180	841330	3.74	3.20	3.25	3.37	1.89	1.59	1.85	2.50	2.97	2.70	2.32	2.28	1.46	1.63	1.59	1.27	1.12
181	841430	6.20	7.16	7.12	7.33	6.25	6.69	5.93	4.94	4.87	5.25	4.84	3.95	3.78	3.46	2.98	2.88	2.50
182	841931	6.15	5.59	3.79	4.15	2.93	5.06	4.25	4.97	2.63	2.49	2.26	2.51	2.98	2.76	2.61	3.20	1.73
183	842481	2.77	2.26	2.08	2.30	1.96	2.03	3.57	3.41	2.91	2.77	3.50	3.77	2.07	3.52	3.08	2.33	3.08
184	842832	3.45	4.37	2.47	2.84	3.21	2.36	2.55	4.07	2.16	2.03	2.32	2.46	1.36	2.54	2.67	1.38	1.41
185	842911	7.47	7.53	9.19	10.72	10.79	9.97	10.91	11.51	12.42	11.93	10.47	9.21	7.72	9.72	11.28	10.28	10.75
186	842920	24.06	25.17	25.04	18.80	22.61	21.25	16.07	24.90	23.71	20.85	17.38	15.97	13.05	17.38	17.09	15.92	16.07
187	843221	11.42	11.35	8.72	9.58	9.17	9.49	14.85	11.19	5.70	7.26	6.44	8.16	6.75	7.90	6.12	6.35	5.49
188	843230	7.12	7.07	3.57	6.32	5.01	5.52	6.86	6.90	4.34	2.79	3.75	4.48	3.18	3.49	3.77	2.61	3.09
189	843290	3.07	3.12	3.03	2.18	1.99	1.84	2.14	2.43	2.53	1.97	1.83	1.73	1.13	1.46	1.50	1.68	1.48
190	843359	13.71	14.60	7.90	7.72	8.55	8.62	18.97	21.04	16.23	12.78	10.54	11.00	6.76	10.31	8.39	4.97	3.53
191	843710	4.95	3.38	2.79	4.60	3.63	3.02	3.72	4.92	4.32	3.53	2.94	3.53	2.92	3.73	3.11	3.29	2.88
192	843830	1.11	2.95	6.31	10.11	1.80	5.23	5.00	7.51	6.90	12.17	6.11	1.42	7.63	9.78	6.08	5.03	3.99
193	844831	3.10	3.37	3.88	3.42	2.59	2.39	2.26	2.56	2.71	2.42	1.88	2.64	2.10	2.05	1.87	2.19	1.95
194	845019	4.15	4.46	3.28	2.70	2.53	1.43	1.38	1.86	2.06	1.35	1.47	1.70	1.56	1.31	1.41	1.98	3.55
195	845530	1.63	2.10	2.22	3.06	2.68	2.86	3.20	3.34	4.01	4.73	4.72	3.39	3.31	3.11	2.46	2.06	2.17
196	846781	9.84	10.26	6.48	7.64	8.07	7.06	10.67	10.52	8.74	9.28	8.36	8.12	5.19	4.99	4.87	2.79	2.87
197	848310	4.08	4.03	4.46	4.77	3.53	3.65	3.72	3.30	2.83	2.59	2.46	2.25	1.84	2.57	2.60	1.91	1.7
198	848330	2.03	2.24	2.49	2.78	2.27	2.44	2.42	2.42	2.20	2.10	1.77	1.58	1.41	1.34	1.39	1.40	1.44
199	850152	3.58	3.26	3.01	3.12	2.98	3.00	2.91	2.96	2.83	3.10	3.18	2.92	2.38	2.68	2.81	2.83	2.84
200	850153	4.78	5.26	6.00	6.47	5.46	5.38	5.02	4.49	4.90	5.17	5.82	5.28	5.29	4.75	4.40	4.09	4.85
201	850423	4.25	2.28	3.96	6.09	3.68	4.29	1.81	3.06	3.44	3.77	4.24	3.80	3.70	2.65	1.58	1.60	1.64
202	853225	2.18	2.53	2.67	2.40	2.29	2.59	2.55	2.19	2.02	2.09	1.80	1.61	1.70	1.65	1.61	1.33	1.34
203	854610	1.56	1.62	3.61	4.16	2.14	1.19	2.49	8.31	7.11	14.17	13.25	12.30	10.50	11.54	7.80	7.84	3.53
204	870210	2.39	3.44	2.67	2.51	2.81	2.22	1.79	1.67	4.29	1.76	2.01	1.30	1.58	1.87	1.13	1.39	1.45
205	870600	7.17	7.67	5.43	10.51	12.89	12.59	11.43	12.08	15.98	17.31	15.07	14.69	11.99	12.49	12.82	8.96	11.75
206	870790	6.54	5.36	4.70	7.67	7.53	6.37	6.03	5.38	6.50	6.67	6.45	6.68	6.42	5.91	4.17	4.07	3.77
207	870850	2.99	3.11	3.43	2.75	1.97	2.25	2.35	2.09	2.33	1.98	1.39	1.58	1.56	1.51	1.28	1.17	1.16
208	871120	1.01	1.24	1.80	2.16	2.01	2.67	3.88	4.24	4.34	3.55	2.90	2.13	1.61	1.31	1.01	1.36	1.39
209	880230	5.13	8.33	13.72	22.52	21.35	18.59	17.48	13.12	8.65	4.77	4.67	4.71	6.12	8.18	5.87	7.83	5.39
210	901832	1.65	2.03	2.62	2.59	2.31	2.88	2.82	2.49	2.77	2.66	2.56	2.20	2.25	2.10	1.67	1.52	1.22
211	930320	1.65	1.42	2.73	3.37	3.23	4.73	3.68	2.49	2.39	2.92	3.29	2.57	3.67	3.32	2.25	4.09	2.19
212	930330	19.49	18.66	21.38	22.11	17.13	28.73	11.78	13.71	11.78	14.48	17.50	14.77	21.65	20.65	15.69	14.91	13.44
213	930621	8.41	10.28	11.59	20.87	15.64	34.69	26.57	18.71	21.56	22.59	20.81	23.71	25.51	23.38	23.68	25.29	22.95
214	940210	3.44	6.06	5.20	5.97	4.06	5.57	5.76	6.46	5.67	4.99	4.14	2.97	2.88	3.47	2.67	2.56	2.03
215	940350	3.49	2.72	3.75	4.38	4.03	4.05	4.22	4.60	4.10	3.46	3.02	2.65	2.40	2.20	1.81	1.82	1.89
216	960910	13.55	15.37	10.98	12.37	11.76	11.35	9.19	7.66	6.69	7.10	6.55	5.73	5.34	4.82	4.41	4.38	4.77
217	960920	1.14	1.12	1.37	1.67	1.85	2.92	3.08	3.51	3.37	4.16	3.00	4.30	3.86	3.77	2.50	2.29	1.03

Table E4: List of Products (HS-06 Digit) with Sustained RCA in the Export of Russia During 1997 to 2013

Sr. No	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	30310	3.85	7.76	4.70	6.62	5.85	8.01	5.33	3.63	4.66	6.25	4.46	3.58	6.68	5.00	7.24	5.52	6.81
2	30332	15.75	22.17	28.96	29.17	30.32	26.84	21.16	15.45	11.85	11.28	9.11	6.79	8.24	7.15	5.66	7.90	7.32
3	30360	5.96	9.84	9.37	8.11	8.56	6.16	6.65	6.09	4.96	8.02	6.77	5.58	6.41	8.17	7.24	5.90	5.46
4	30380	6.67	9.61	5.92	6.50	6.15	5.13	4.70	2.21	1.83	1.39	1.03	1.25	13.47	12.64	10.85	10.80	8.89
5	110319	11.68	9.25	5.15	18.59	16.84	3.14	3.63	2.21	2.27	3.88	3.14	3.85	4.07	1.77	1.45	2.08	1.59
6	160430	6.99	4.25	5.55	4.69	4.50	3.82	1.36	1.81	1.36	1.80	1.78	1.63	2.34	2.09	1.85	2.47	1.41
7	220860	8.12	3.17	4.90	2.99	3.14	3.44	2.87	1.30	1.50	1.92	2.33	2.35	2.83	2.49	2.54	2.23	2.50
8	250300	5.49	3.40	4.93	7.28	4.09	8.76	7.32	5.03	2.94	2.66	3.97	7.28	1.42	2.72	6.38	5.28	4.29
9	251020	41.12	47.54	53.62	40.78	35.87	37.31	36.64	29.81	26.30	26.91	22.08	13.95	23.44	15.32	21.06	14.18	16.95
10	252400	4.56	13.95	14.58	10.96	13.34	14.41	18.48	17.35	16.41	19.02	15.65	14.00	18.25	19.04	21.96	17.14	16.76
11	270111	11.70	8.07	5.91	9.08	5.69	6.38	9.71	8.93	7.23	7.83	7.60	6.23	7.79	7.53	6.75	11.62	12.10
12	270112	2.43	2.21	2.06	4.36	3.73	3.42	4.50	4.45	3.42	4.15	4.02	2.76	3.85	3.51	3.59	3.35	3.33
13	270400	2.69	2.54	5.48	2.16	3.06	4.41	3.76	3.34	3.43	1.43	2.61	2.13	3.83	2.37	2.38	2.64	2.28
14	270600	2.14	2.32	3.62	3.83	2.42	2.20	1.41	1.55	1.03	1.26	3.41	2.44	4.20	3.80	4.14	3.12	3.85
15	270900	7.69	8.22	6.41	5.01	5.85	6.38	6.39	6.89	5.58	5.77	5.34	4.12	5.62	5.49	5.79	9.34	8.66
16	271000	14.54	17.76	25.14	5.45	5.09	5.42	5.01	4.17	4.04	4.70	3.83	3.42	3.96	4.08	4.17	3.68	3.69
17	271290	1.61	1.94	2.28	3.05	3.24	3.82	2.87	2.43	2.39	2.32	1.63	1.21	2.44	2.14	1.61	1.58	1.78
18	280300	1.55	1.80	1.80	1.87	2.88	3.22	3.72	3.68	3.44	4.11	3.45	3.05	3.33	3.35	4.14	3.52	3.72
19	280429	2.72	3.61	4.30	4.08	3.19	3.37	3.31	2.64	2.65	3.06	2.63	3.10	2.46	1.99	1.58	1.47	1.11
20	281000	11.88	14.98	14.25	9.53	8.94	10.68	11.07	9.91	6.24	6.78	6.20	3.95	6.89	4.63	5.26	3.95	2.75
21	281310	1.63	3.66	4.73	3.43	4.12	4.75	3.71	2.65	3.41	5.30	3.99	3.27	2.86	3.73	2.65	2.26	2.58
22	281410	18.04	17.78	11.37	11.76	8.67	7.87	9.43	7.57	7.14	8.99	6.88	7.59	10.08	5.42	11.36	8.13	8.38
23	281511	2.95	3.00	3.53	3.91	2.58	2.21	3.28	1.92	2.20	2.10	2.10	1.51	2.23	2.13	1.93	2.14	2.08
24	281530	6.52	4.94	3.63	2.74	3.19	5.50	9.35	8.71	13.26	13.85	10.20	5.57	2.11	4.49	2.97	2.94	4.87
25	281990	9.01	4.85	7.46	5.58	9.72	6.97	4.34	5.51	8.01	6.43	5.49	4.06	3.46	2.66	2.27	1.43	1.16
26	282530	11.83	7.64	19.66	17.86	14.87	13.97	7.96	9.06	9.04	9.69	4.34	7.86	9.63	10.61	10.64	7.72	9.77
27	282590	4.84	2.85	4.02	2.93	5.03	1.53	2.31	1.90	4.14	2.98	2.31	1.01	1.55	1.37	1.85	1.30	2.31
28	283325	13.69	10.04	12.91	9.80	9.48	8.11	6.57	6.62	5.86	6.45	5.95	5.21	6.22	6.27	6.90	5.49	6.45
29	283526	3.16	4.03	4.17	3.07	4.22	5.18	3.52	3.31	3.73	3.58	2.40	3.91	3.88	4.95	5.00	3.36	3.94
30	283640	7.68	9.73	7.73	5.43	5.47	6.23	6.37	5.18	1.87	1.56	1.86	1.40	2.01	2.41	2.71	2.79	3.39
31	284130	15.52	14.11	13.78	14.54	15.78	17.61	15.68	15.12	14.61	16.67	12.47	12.42	12.43	11.21	12.29	8.16	8.82
32	290110	4.91	4.75	2.96	3.08	5.12	4.60	4.58	3.95	3.85	4.74	4.97	6.64	6.24	9.16	16.01	13.39	13.03
33	290312	3.72	2.92	2.58	2.43	2.89	2.79	2.41	2.61	2.47	2.72	2.37	2.27	2.68	2.65	2.30	1.47	1.58
34	290322	4.34	3.04	2.72	6.71	6.13	8.99	10.53	9.19	9.53	11.67	7.31	6.64	5.10	3.57	3.39	1.67	2.09
35	290511	3.86	2.92	2.40	2.93	2.89	3.51	4.21	3.76	2.76	3.75	3.61	3.40	2.03	1.81	2.07	3.26	4.13
36	290513	12.95	7.20	12.38	10.60	10.09	10.43	9.27	7.80	5.15	5.00	4.29	3.43	3.31	4.09	4.29	1.85	2.48

(Contd.)

Table E4: ***(Contd.)***

Sr. No	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
37	290514	6.57	4.84	8.90	10.19	9.21	9.92	9.89	9.84	6.75	9.40	7.68	5.53	5.48	7.83	8.2	3.88	3.62
38	290723	3.12	6.06	7.36	5.87	4.81	4.06	3.38	2.77	2.32	2.56	2.43	2.55	1.72	2.02	2.03	1.54	1.97
39	291211	1.91	2.39	3.11	2.54	3.01	2.83	2.70	2.24	1.40	1.71	1.73	1.71	2.07	2.18	3.15	3.89	3.65
40	293371	6.86	4.76	7.17	10.13	10.24	7.57	5.89	6.24	4.94	6.26	4.91	4.18	5.19	4.07	5.44	3.70	3.68
41	310210	10.53	10.60	8.90	9.05	8.02	7.72	6.28	6.42	5.87	6.77	4.79	4.39	4.77	3.79	4.88	4.49	5.14
42	310221	5.31	3.29	3.07	5.76	6.40	4.99	5.80	5.96	5.21	4.75	4.23	3.75	1.82	2.55	3.20	1.91	1.69
43	310230	20.71	15.88	13.21	15.92	16.55	15.35	12.68	11.82	11.29	11.51	9.56	9.73	12.17	10.36	11.96	8.51	9.41
44	310280	2.16	10.96	12.49	8.04	8.05	5.28	2.72	5.73	5.99	8.90	5.69	6.52	8.88	7.17	6.79	6.07	6.89
45	310420	12.64	12.91	14.01	9.38	11.20	9.76	10.57	10.74	10.60	11.89	10.38	9.84	7.31	7.87	6.85	7.83	4.79
46	310430	2.83	12.04	15.51	6.41	6.28	6.79	10.09	5.14	3.83	3.98	1.82	1.37	2.42	4.61	5.93	4.02	5.95
47	310520	9.20	10.31	11.33	8.31	10.38	10.06	9.14	8.15	8.76	10.16	7.90	6.68	12.49	10.09	11.74	10.02	8.51
48	310530	23.62	23.20	25.48	15.41	12.46	8.84	7.70	9.16	9.49	9.78	6.98	4.89	4.62	4.32	4.20	3.40	2.66
49	310540	37.54	44.12	50.26	42.48	40.36	33.93	27.93	27.38	20.52	23.76	14.70	9.74	6.85	8.42	13.97	9.23	10.37
50	310551	8.14	15.95	17.08	17.97	18.48	20.03	25.45	23.83	17.39	19.00	16.80	13.00	16.47	11.36	16.74	14.45	12.66
51	310559	2.46	11.18	12.78	12.71	16.58	17.62	18.56	11.47	7.86	5.02	6.81	5.91	4.74	3.23	1.91	4.44	5.29
52	360200	14.84	7.77	8.58	5.70	5.20	3.87	2.65	1.78	1.20	1.64	1.56	1.38	1.58	1.14	1.20	1.75	1.53
53	360500	3.33	3.88	3.26	3.95	5.46	5.49	6.09	6.14	4.49	5.25	4.81	4.23	4.45	3.15	2.67	2.48	2.10
54	380400	1.96	2.65	2.42	2.03	2.66	3.80	4.02	4.73	5.03	5.92	6.18	5.01	4.20	3.64	3.83	2.87	3.26
55	390461	7.11	10.62	17.99	13.81	10.05	7.04	3.93	3.72	3.29	2.97	2.50	2.11	1.72	2.04	3.35	1.66	1.67
56	400219	2.87	1.88	3.29	2.36	2.56	3.54	3.39	3.37	2.63	2.62	1.70	1.19	1.52	1.20	1.74	1.29	1.33
57	400220	5.24	7.37	4.77	2.55	3.35	2.81	2.97	4.23	4.67	5.05	4.24	4.59	4.61	4.81	5.20	3.83	4.40
58	400231	25.10	28.94	33.12	28.56	32.88	37.74	33.19	31.27	24.33	27.92	22.18	21.49	21.49	21.36	19.89	13.62	13.60
59	400260	31.54	33.80	32.50	23.06	26.17	24.73	31.99	28.36	22.60	26.24	23.20	21.05	20.53	24.10	26.90	18.72	18.81
60	430180	15.19	13.87	17.03	19.21	19.16	15.52	12.87	13.05	13.48	15.91	9.74	10.46	15.49	8.64	10.13	10.03	9.85
61	440121	1.43	2.04	2.30	1.68	2.18	2.03	2.25	2.64	2.44	2.84	1.86	2.09	4.57	3.90	4.00	2.92	3.43
62	440320	12.66	14.81	20.84	18.03	20.41	20.75	19.82	19.55	16.85	19.75	16.59	12.54	12.93	9.18	8.26	5.22	4.02
63	440391	3.36	4.09	5.00	8.85	6.74	5.94	6.60	6.20	6.94	8.26	7.40	7.33	4.44	2.34	1.86	1.30	2.33
64	440399	9.86	15.27	12.71	8.51	10.41	10.72	12.33	11.46	11.70	13.34	11.46	10.65	4.89	4.37	4.81	4.29	5.16
65	440690	15.70	16.51	7.58	10.65	11.50	6.27	8.75	4.27	5.19	5.62	4.03	4.69	3.68	2.02	2.71	2.59	2.86
66	440710	2.08	2.28	2.89	2.60	2.62	3.15	3.71	3.36	3.47	4.37	4.58	4.17	5.86	5.11	5.59	4.27	4.14
67	441214	5.16	8.65	8.57	6.32	7.27	7.71	6.98	6.67	6.69	6.78	7.09	7.68	10.22	7.63	7.36	5.02	5.29
68	470311	8.44	10.71	13.00	12.68	10.50	15.31	12.48	10.50	10.11	9.87	8.65	7.62	6.41	8.94	10.17	6.50	4.76
69	470411	7.06	8.97	16.35	9.55	8.77	8.95	5.64	6.78	12.35	17.88	5.45	16.64	23.56	19.55	16.50	8.59	9.07
70	480100	2.20	3.05	3.48	3.01	3.20	2.89	2.73	2.75	2.70	2.97	2.49	2.41	3.62	3.30	3.52	2.60	2.29
71	480240	5.03	6.55	7.74	7.24	9.28	6.20	6.66	6.45	3.32	3.89	2.59	2.07	3.79	2.70	3.27	3.33	3.41
72	480421	1.40	2.68	3.35	4.59	3.96	4.65	4.20	3.58	4.25	4.88	4.35	3.74	4.54	3.98	3.94	3.30	3.47
73	681260	9.93	17.29	8.48	9.85	6.72	6.31	16.88	22.24	15.91	8.06	14.34	8.08	7.07	12.96	17.31	12.92	13.16
74	681270	5.61	5.66	4.97	3.89	4.09	3.51	4.66	3.69	4.20	5.23	7.72	5.96	6.05	5.59	4.46	5.36	5.75

(Contd.)

Table E4: ***(Contd.)***

Sr. No	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
75	681410	1.75	1.36	1.25	1.30	1.74	1.45	2.76	2.85	2.75	2.74	1.93	1.47	1.39	1.77	1.46	1.31	1.36
76	720110	10.08	11.52	13.57	13.08	16.22	17.78	19.60	18.68	12.30	15.47	12.37	10.66	13.08	11.82	12.22	9.22	9.31
77	720221	4.20	4.85	5.41	4.91	5.47	5.25	4.80	3.99	4.02	4.97	3.78	2.66	5.70	4.55	4.80	6.21	5.94
78	720249	16.74	18.61	20.43	13.93	14.54	16.51	16.60	15.67	14.47	17.67	14.63	12.69	21.81	15.51	16.24	11.15	15.33
79	720291	17.00	16.82	24.58	16.44	14.86	18.95	17.02	18.66	15.43	13.20	8.76	9.23	7.35	9.44	8.71	6.28	4.20
80	720310	9.26	8.63	5.58	3.63	3.86	6.75	4.35	4.91	6.09	6.79	14.23	14.24	15.53	11.99	15.95	12.60	19.29
81	720711	18.89	15.13	23.71	19.16	17.39	12.34	9.53	7.55	6.87	5.30	4.55	5.41	8.13	5.65	4.76	5.09	6.70
82	720712	9.65	10.96	14.53	12.95	14.13	14.04	12.99	15.24	10.37	12.41	10.06	9.82	8.84	10.30	11.30	9.41	8.91
83	720719	1.22	2.25	2.94	1.95	2.78	10.11	8.00	5.49	4.91	4.83	4.49	3.37	5.52	5.71	6.37	3.94	1.54
84	720720	24.50	14.71	22.23	21.60	11.09	11.09	7.85	10.46	9.81	11.63	10.44	8.51	12.26	10.96	8.88	5.47	5.48
85	720836	4.69	6.03	3.26	3.00	3.49	4.96	3.77	3.22	1.28	1.84	1.55	1.41	1.47	1.23	1.50	1.11	1.24
86	720837	9.69	14.83	6.34	5.75	3.62	4.32	5.46	6.22	2.72	4.04	2.20	2.09	3.69	2.50	3.63	3.13	2.16
87	720838	9.42	13.14	6.94	6.11	3.85	4.10	2.67	4.15	2.35	2.45	1.63	1.59	2.04	1.58	2.09	1.86	1.67
88	720839	8.98	11.39	13.92	9.81	7.80	10.51	8.59	8.43	7.50	5.50	4.75	3.65	6.52	5.07	5.36	3.24	3.09
89	720840	5.74	3.84	6.62	4.34	3.83	3.56	3.44	1.90	2.29	1.42	1.57	1.37	2.48	2.69	2.59	2.34	2.19
90	720852	6.64	4.35	5.72	5.29	4.76	4.68	5.53	3.40	2.69	2.10	1.64	1.33	1.87	1.31	1.11	1.51	1.38
91	720853	9.04	5.94	6.55	5.41	5.33	5.01	4.43	2.65	2.69	2.26	1.89	1.25	1.73	1.77	1.79	3.09	2.89
92	720854	8.56	5.03	9.23	6.90	6.74	6.50	6.24	3.76	3.55	3.56	3.22	2.38	4.18	3.74	3.25	3.94	4.12
93	720916	5.57	5.58	5.32	3.74	2.65	2.57	2.62	4.40	2.27	3.13	2.42	1.64	2.55	2.18	1.37	1.50	1.94
94	720917	4.87	4.27	5.87	3.94	3.98	5.74	6.12	4.82	5.05	3.39	2.20	1.90	3.84	2.06	1.55	1.56	1.70
95	720926	6.46	3.27	6.97	4.35	4.76	5.53	4.61	2.79	2.89	3.16	2.48	1.67	1.60	1.82	1.37	3.63	3.25
96	720927	9.10	6.09	16.85	10.55	10.82	11.40	10.17	5.91	6.97	6.71	2.90	1.85	1.50	1.75	1.15	1.95	1.99
97	721123	8.31	6.02	6.32	8.25	6.07	7.38	7.75	10.37	5.37	6.27	5.21	4.26	3.75	3.27	3.36	3.42	2.78
98	721499	17.59	9.98	6.98	8.02	7.59	4.43	5.15	4.55	3.10	3.92	3.49	4.13	5.21	3.57	2.74	3.15	3.00
99	721550	1.10	2.71	3.69	4.56	4.50	7.31	7.95	7.49	7.69	9.28	9.21	7.03	4.30	5.94	6.72	4.54	3.71
100	722490	12.15	11.74	13.74	6.57	7.13	4.52	4.40	3.11	4.26	3.76	2.00	1.73	3.89	3.37	3.08	2.74	3.39
101	722511	6.87	6.02	6.42	7.20	8.11	9.19	9.58	9.60	11.63	13.62	9.68	7.49	2.03	3.87	3.45	4.45	4.06
102	722519	8.91	8.17	6.25	7.16	5.75	5.02	4.65	5.83	4.56	3.36	3.10	2.35	1.87	2.67	2.54	1.79	2.18
103	722619	3.82	2.99	3.33	4.23	4.27	3.81	4.71	6.39	3.99	5.91	6.55	5.87	4.86	8.06	9.19	8.94	9.07
104	722820	35.82	36.30	30.45	20.51	13.20	17.09	13.48	15.82	17.88	16.98	5.64	4.18	17.62	12.99	8.34	15.82	14.44
105	730210	6.34	9.73	9.27	5.90	5.31	4.78	5.55	4.33	3.33	3.94	2.27	2.01	1.71	2.19	1.12	1.51	2.36
106	730240	10.60	8.28	5.42	5.52	3.56	12.66	21.66	4.43	4.48	3.80	2.69	2.93	2.97	3.86	5.12	4.76	3.96
107	732611	15.06	13.15	4.96	4.00	7.57	5.58	4.46	3.99	3.70	4.98	4.12	2.82	2.29	2.24	1.47	1.67	1.12
108	740610	5.20	6.62	6.58	5.94	8.81	8.45	8.39	5.40	5.10	7.18	5.72	5.72	7.33	7.08	7.87	16.39	4.13
109	750210	23.34	26.05	27.23	19.96	17.46	23.97	23.19	19.39	16.16	19.14	13.96	11.91	16.20	14.52	11.56	9.93	8.79
110	750220	4.76	2.90	6.73	9.89	4.74	9.14	13.10	11.65	13.66	19.52	16.74	10.04	12.01	11.98	8.45	3.15	2.86
111	760110	18.54	23.31	23.23	17.75	16.05	12.18	10.91	9.54	7.68	8.05	7.62	7.58	9.87	7.38	8.23	6.35	6.28
112	760120	2.51	2.81	5.29	5.09	4.19	4.08	4.23	4.17	3.35	3.89	3.12	2.25	2.40	2.77	3.22	3.60	3.31

(Contd.)

Table E4: ***(Concld.)***

Sr. No	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
113	760310	6.83	2.24	5.99	6.47	5.72	4.61	3.92	3.92	3.40	4.46	3.71	3.55	3.46	3.12	3.94	3.28	3.95
114	760320	2.47	2.96	2.88	2.58	3.81	3.57	2.78	2.79	3.18	4.55	4.50	1.36	1.52	1.23	2.29	2.06	1.75
115	760511	13.61	15.34	15.96	13.05	15.12	9.96	8.23	7.23	5.60	5.68	3.22	3.43	3.75	3.22	3.61	3.95	4.67
116	810510	9.37	8.01	9.82	9.11	6.61	6.26	6.77	7.17	5.14	6.05	4.62	3.61	4.36	3.43	3.15	1.93	2.05
117	810810	14.43	12.59	4.46	4.35	4.49	3.28	2.83	3.12	3.37	3.87	2.71	5.50	3.80	3.54	3.77	1.9	2.64
118	810890	9.67	9.49	16.50	9.79	10.53	8.27	8.26	7.54	5.99	7.21	6.31	4.02	6.40	4.67	3.45	3.57	3.51
119	811220	14.37	11.76	13.19	10.66	8.51	11.32	9.55	8.88	5.69	6.71	7.32	6.99	7.86	8.02	9.93	7.61	5.81
120	840130	21.98	29.44	21.82	23.39	20.56	19.85	19.01	14.97	11.79	11.61	9.65	10.56	10.77	12.45	11.01	9.96	10.79
121	841210	17.15	8.85	11.08	20.28	19.75	8.84	7.72	9.44	8.61	8.55	13.34	8.37	4.66	12.54	10.74	13.26	14.02
122	850740	1.97	3.47	3.37	2.44	4.34	4.35	4.27	4.69	2.73	1.58	3.14	8.43	5.92	1.92	3.25	6.69	4.18
123	852610	1.23	2.65	3.72	1.38	2.86	2.07	2.97	3.62	4.23	4.95	3.78	3.91	5.46	2.97	5.07	3.46	2.17
124	854081	2.61	4.02	5.92	3.31	3.29	3.09	3.08	3.22	3.32	2.74	3.09	3.41	3.63	1.67	2.48	2.37	2.02
125	860719	4.51	3.34	2.86	3.81	4.28	4.19	2.99	3.08	2.71	3.11	3.06	2.38	1.67	2.45	2.21	2.11	1.70
126	900580	7.02	5.37	6.97	5.03	4.29	4.16	3.32	3.02	3.68	3.44	2.37	2.37	3.32	4.35	1.07	1.13	1.09

Table E5: List of Products (HS-06 Digit) with Sustained RCA in the Export of India During 1997 to 2013

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	20230	2.84	3.71	2.75	4.59	6.38	6.00	5.26	5.60	6.37	6.44	7.34	7.08	5.77	7.85	8.77	8.83	11.86
2	20421	6.16	5.46	5.63	6.56	9.33	10.16	9.09	10.58	7.35	8.54	12.03	16.38	10.20	5.69	5.17	7.22	17.03
3	30379	18.99	11.57	13.52	16.42	12.80	12.01	7.68	3.46	6.35	5.49	6.43	3.44	2.62	5.06	4.41	3.51	4.11
4	30613	24.82	19.08	16.33	15.45	13.99	14.49	11.78	10.17	9.68	8.48	7.63	6.25	5.07	5.72	7.12	10.46	11.36
5	30624	5.14	7.81	7.03	7.32	4.05	4.36	3.26	2.98	3.06	3.68	4.85	5.57	6.04	3.29	2.84	2.49	3.12
6	30741	54.97	55.69	56.25	34.02	26.49	33.28	28.54	29.15	37.55	38.61	35.10	28.66	24.99	28.37	25.85	24.70	25.33
7	30749	9.40	11.72	9.59	5.59	5.58	4.19	4.59	2.97	3.70	4.63	3.13	3.39	2.34	3.54	4.94	5.36	6.01
8	40811	14.40	8.15	8.31	6.32	12.52	9.18	10.02	10.25	7.66	8.03	4.30	5.95	3.07	2.29	2.98	3.12	3.82
9	40891	4.03	1.76	1.04	1.29	3.50	7.44	8.95	3.45	13.59	18.16	17.56	13.61	7.54	6.75	6.38	6.47	7.27
10	60390	14.85	14.40	8.15	13.94	14.57	13.80	9.55	13.94	10.22	8.11	3.84	2.11	1.04	1.64	2.67	2.68	3.39
11	60499	1.58	4.72	7.35	3.29	6.64	11.17	17.56	14.29	14.47	14.72	11.20	12.13	10.18	7.13	7.11	6.25	2.78
12	70310	8.74	5.56	7.08	9.77	9.09	8.93	10.51	12.27	9.89	11.59	10.34	11.58	13.30	9.39	6.72	6.15	9.28
13	71140	27.31	45.34	35.08	27.79	30.59	33.64	33.78	34.59	45.47	51.82	41.47	45.06	38.58	25.05	23.33	22.26	23.00
14	71220	6.50	6.56	10.01	7.51	5.60	9.24	10.58	4.54	11.51	12.63	20.18	8.30	4.62	11.88	11.18	11.80	11.97
15	80132	79.52	90.04	96.35	69.84	72.89	63.06	45.65	42.47	38.48	35.33	27.92	26.17	19.47	15.38	16.68	28.97	29.47
16	80232	9.42	10.04	8.76	11.90	11.60	10.14	6.45	5.38	4.55	3.48	3.39	3.52	2.72	2.28	1.75	1.26	1.86
17	80450	8.83	8.40	6.85	5.39	5.53	5.75	14.93	17.20	16.62	18.68	15.50	17.54	13.16	12.02	7.92	6.41	6.47
18	81090	4.11	2.96	2.57	2.19	3.38	2.34	2.07	1.80	1.72	2.24	2.25	2.26	1.69	1.07	1.29	1.39	1.39
19	90111	4.94	5.29	4.53	3.40	4.54	3.64	3.35	2.53	2.58	2.77	2.00	2.10	1.25	1.46	1.59	2.47	2.32
20	90230	45.36	47.13	33.48	26.56	27.51	14.74	12.89	11.65	7.64	8.51	7.12	5.65	6.16	3.43	3.58	1.58	4.04
21	90240	31.16	29.28	17.92	17.16	18.41	20.70	15.83	17.55	15.29	12.83	12.07	12.33	9.31	10.56	16.40	14.36	22.98
22	90411	22.40	24.84	23.92	11.75	11.44	8.24	5.97	4.65	5.27	7.18	9.64	7.28	4.04	3.26	5.17	4.01	6.23
23	90412	2.28	1.16	1.92	3.39	10.07	8.46	9.93	9.99	9.65	11.93	12.08	9.84	9.58	6.20	5.47	9.01	10.09
24	90420	17.44	18.92	25.82	20.58	16.48	18.30	16.89	18.75	14.51	19.41	27.92	20.31	17.63	22.36	21.42	22.85	16.83
25	90830	12.78	15.77	13.08	18.78	12.97	9.28	9.68	8.89	8.05	6.66	5.32	4.39	4.17	6.21	10.38	9.14	9.25
26	90920	46.37	41.01	35.55	37.10	35.16	26.50	26.35	35.08	30.71	27.30	24.84	27.35	20.85	13.97	14.85	19.66	21.91
27	90930	49.56	22.45	25.97	52.31	32.76	13.15	11.20	22.96	17.04	18.66	21.02	53.00	26.79	27.51	33.11	40.16	42.82
28	91010	19.45	11.81	8.53	5.98	5.19	5.32	3.43	3.68	3.95	4.24	3.12	1.50	1.84	2.27	4.69	5.20	2.37
29	91030	84.10	111.11	106.33	106.93	95.21	92.16	88.64	83.02	71.60	66.03	62.64	63.27	48.22	45.93	45.81	38.98	43.56
30	91091	13.10	15.54	13.79	14.33	13.08	12.08	5.32	4.93	3.85	4.45	5.87	7.30	7.19	7.09	6.90	6.29	6.75
31	91099	18.97	22.26	27.07	36.57	35.70	21.50	17.07	14.22	14.56	13.99	11.62	14.71	11.07	13.21	13.57	12.93	11.93
32	100630	38.30	48.57	19.87	18.05	18.47	28.06	18.36	18.31	18.36	15.13	18.52	13.01	9.95	8.55	11.21	18.02	22.30
33	100820	6.24	3.35	2.75	5.83	8.75	8.71	7.23	17.65	30.30	19.49	14.48	30.52	14.11	22.99	13.73	12.39	9.84
34	110630	2.73	4.23	4.63	4.31	4.68	2.74	3.94	2.41	2.46	3.63	3.94	3.22	2.92	3.85	3.78	4.75	4.22
35	120210	6.58	4.48	10.42	6.91	21.38	15.69	15.26	28.65	19.08	23.92	22.17	1.97	4.10	1.71	1.86	1.61	1.08
36	120220	26.45	6.34	16.42	10.78	7.98	4.34	10.19	13.06	9.33	14.48	15.99	17.14	12.04	18.97	23.83	19.59	13.21
37	120740	37.77	39.43	28.14	30.52	38.08	24.50	31.30	28.39	21.49	21.14	31.24	23.87	10.95	14.46	17.28	29.97	26.45

(Contd.)

Table E5: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
38	120799	15.18	18.77	18.93	25.31	9.71	13.93	9.46	7.80	7.00	6.89	4.85	6.50	4.32	2.05	4.23	2.50	2.12
39	130190	51.49	58.83	51.28	44.79	54.09	46.64	32.67	34.06	32.12	13.54	9.26	18.04	13.58	15.04	22.37	18.62	21.13
40	130211	104.93	72.46	21.72	19.99	46.74	88.45	103.76	48.98	45.74	78.02	23.01	58.70	46.19	57.24	49.10	47.24	50.51
41	130219	3.11	3.60	5.39	5.22	4.84	5.45	4.31	5.86	7.26	8.99	6.18	5.97	4.30	3.76	4.10	5.09	6.98
42	130232	61.50	71.82	70.30	68.96	48.22	38.62	38.89	34.73	36.27	37.14	34.19	34.23	25.40	35.30	44.87	43.12	41.64
43	140490	7.93	12.73	10.59	10.10	5.67	5.85	3.01	6.53	6.18	5.89	2.92	5.35	3.92	3.31	3.24	3.88	3.39
44	151530	108.53	112.69	116.41	113.29	103.45	92.79	88.82	87.69	75.58	69.57	66.47	64.42	55.16	51.94	46.41	41.97	46.06
45	200110	2.94	2.51	3.52	5.19	7.93	5.73	9.25	9.49	14.94	16.72	12.90	15.20	12.64	11.44	11.14	10.89	11.11
46	200190	5.78	5.78	5.15	5.33	4.72	3.85	2.68	2.08	2.24	2.32	2.95	2.63	1.79	2.07	1.74	1.87	2.13
47	210111	7.41	6.68	6.38	8.01	7.25	4.72	4.14	3.56	3.57	3.51	3.01	3.22	2.65	2.66	2.54	2.84	2.89
48	210120	9.01	15.47	5.43	5.43	7.74	5.83	6.22	4.87	3.95	4.42	2.90	2.63	2.12	1.66	1.91	1.62	1.74
49	230400	10.87	8.35	8.27	9.27	6.26	5.19	4.86	7.50	5.66	8.50	7.68	8.91	4.11	4.67	4.96	3.63	4.79
50	230500	78.50	43.32	1.48	3.75	23.49	29.00	49.18	86.65	65.87	68.02	53.22	61.00	26.92	29.28	18.46	5.21	9.25
51	230640	27.64	9.46	2.65	1.40	4.83	6.54	4.20	12.20	12.34	11.93	12.48	11.02	8.82	7.45	8.03	4.77	6.00
52	240110	15.16	9.21	10.10	7.98	7.09	6.92	3.25	3.35	2.92	3.76	2.48	3.54	3.04	2.57	1.97	2.45	1.78
53	240399	2.96	2.58	2.05	2.65	3.89	2.10	2.52	3.95	4.19	7.69	9.23	7.05	5.81	5.82	7.60	4.66	5.03
54	250810	4.72	4.46	2.38	2.77	2.24	1.81	1.27	1.75	4.23	3.81	4.02	4.58	3.25	3.89	4.40	4.48	5.70
55	251110	1.00	4.10	1.88	5.62	5.78	8.20	7.08	9.67	10.12	6.72	9.48	10.23	12.44	10.36	11.11	12.23	12.99
56	251320	20.21	27.57	31.88	30.25	38.88	38.99	32.89	31.91	29.28	33.89	36.00	38.21	28.54	26.41	25.82	21.91	24.36
57	251400	34.39	44.00	41.38	39.61	41.86	30.23	28.15	29.75	22.85	20.53	27.33	25.48	23.98	17.88	14.43	12.73	12.38
58	251512	2.60	3.88	3.74	4.11	5.99	4.85	4.07	5.58	3.55	3.89	3.90	2.94	1.64	2.31	1.70	1.82	1.28
59	251611	22.42	32.12	49.03	48.76	46.35	43.38	37.23	43.59	39.92	41.79	42.00	36.55	31.81	29.40	28.32	28.80	32.24
60	251612	11.30	14.12	26.38	23.47	23.99	23.18	25.22	16.90	16.61	9.51	11.60	8.54	9.01	6.71	7.73	8.22	7.66
61	251622	39.82	39.27	35.60	37.22	44.63	67.74	78.34	68.67	59.63	69.74	65.51	33.98	49.12	42.70	33.97	33.74	39.98
62	251690	2.06	1.50	1.02	1.21	2.64	3.96	5.07	5.77	4.36	4.62	12.15	9.33	7.17	11.87	16.70	20.73	12.77
63	252100	2.03	1.91	5.92	2.35	2.51	2.54	2.52	3.14	3.17	4.46	4.28	6.63	8.84	4.91	7.49	7.57	6.96
64	252510	39.37	38.16	33.76	44.31	67.17	31.88	27.13	39.07	32.06	28.70	23.64	23.12	20.73	18.86	18.18	15.73	18.65
65	252520	19.67	20.00	16.54	15.17	29.99	16.23	19.36	20.49	13.20	12.65	11.20	10.97	9.58	13.13	12.86	11.15	11.90
66	252530	74.02	88.97	72.90	55.71	79.64	44.07	68.79	75.12	66.69	48.02	46.87	68.96	57.49	55.09	48.96	47.33	50.05
67	252910	6.27	4.16	3.99	6.62	7.87	6.09	7.26	7.50	9.08	7.78	7.22	6.00	6.13	6.11	5.51	5.65	6.14
68	261400	3.91	2.86	2.97	2.78	5.69	3.76	4.93	9.27	9.51	4.88	4.08	4.49	4.43	8.45	8.00	9.28	7.59
69	280200	6.33	15.41	4.77	11.39	3.32	9.24	12.83	3.96	11.97	3.75	6.33	1.29	6.42	2.61	3.18	4.14	5.88
70	280300	1.35	2.01	2.46	2.51	1.87	1.47	1.68	3.38	2.92	2.14	2.09	2.25	3.61	4.49	2.49	2.75	1.57
71	281511	4.12	4.90	5.90	4.92	2.24	3.73	3.93	1.80	2.16	2.22	2.01	3.71	2.62	7.42	2.94	2.89	3.12
72	281700	1.03	2.66	1.40	1.17	1.33	1.20	1.68	3.15	1.67	1.47	1.45	1.38	1.28	2.12	1.35	1.69	1.52
73	281830	1.25	1.29	1.44	3.19	3.52	3.95	2.99	1.95	2.17	2.09	1.86	1.44	1.68	1.42	1.35	1.40	1.80
74	282120	15.28	13.73	24.05	30.74	14.28	15.05	9.31	6.91	8.52	7.58	5.57	2.38	9.06	9.25	8.82	7.47	3.66
75	282732	4.29	2.94	3.63	5.56	7.56	10.52	9.55	8.62	9.51	10.60	7.42	5.95	6.21	9.77	9.57	6.66	7.96
76	282739	3.59	2.40	3.59	3.42	5.05	4.16	3.69	3.28	4.20	7.43	3.30	4.71	6.95	3.84	3.72	3.48	3.43
77	282760	2.46	1.23	23.64	26.74	5.03	3.58	5.56	5.61	6.80	7.41	5.94	7.54	7.84	8.40	10.59	8.07	8.09

(Contd.)

Table E5: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
78	282810	4.69	5.01	5.02	4.76	5.82	6.44	7.06	4.20	6.66	7.40	5.62	6.21	4.89	5.41	2.90	3.53	3.57
79	283322	2.09	1.35	2.15	1.99	3.01	3.28	4.46	3.36	3.42	3.35	3.27	1.72	3.55	1.95	2.11	1.87	1.97
80	283330	4.16	5.35	3.17	4.05	1.89	1.93	3.85	4.55	3.45	5.48	3.14	5.10	9.74	2.84	3.19	2.38	3.24
81	284161	3.83	3.39	4.77	5.74	8.00	7.58	8.55	5.92	4.06	5.32	3.88	3.79	4.55	3.97	5.30	3.88	5.52
82	290319	6.93	1.59	3.52	4.13	3.28	5.42	5.71	4.72	7.67	5.55	2.35	8.16	5.66	2.10	5.47	3.89	4.30
83	290362	4.61	10.22	7.12	24.89	40.71	74.23	31.64	73.78	73.54	71.96	55.33	65.63	34.12	60.33	49.17	15.62	35.76
84	290410	25.73	17.60	21.45	19.09	13.41	18.90	18.08	13.66	14.41	13.76	13.32	10.17	7.72	7.65	6.69	5.68	8.28
85	290490	4.70	6.21	7.36	7.12	6.79	12.16	11.71	10.48	12.10	11.00	8.69	9.72	8.61	11.54	13.36	5.65	9.82
86	290514	9.65	13.28	13.54	14.54	9.34	8.02	6.46	4.86	4.23	5.02	3.37	5.81	5.94	3.15	2.57	2.00	2.59
87	290517	7.89	10.79	9.93	8.62	9.96	8.24	5.79	4.99	6.55	4.86	4.35	6.42	4.24	3.19	3.45	2.14	2.95
88	290611	37.37	30.35	40.24	46.00	38.60	33.13	29.35	36.37	47.50	42.25	41.92	33.26	21.66	24.86	24.25	21.35	21.75
89	290629	2.30	5.19	4.71	5.81	4.64	4.03	2.71	2.06	1.68	2.30	2.89	2.61	3.42	2.83	3.16	4.70	4.30
90	290722	2.38	6.39	11.10	10.00	16.20	17.48	11.87	16.11	12.10	14.33	14.86	11.44	11.75	9.49	6.86	3.36	4.87
91	291221	23.94	28.70	55.50	50.47	45.00	43.28	47.84	34.98	28.89	28.30	24.59	42.79	34.74	22.35	12.21	8.77	5.62
92	291249	14.53	14.70	10.96	14.91	16.09	14.71	19.26	14.33	15.18	18.17	24.27	24.46	17.95	15.81	18.26	17.32	9.92
93	291300	1.67	1.52	1.39	1.38	1.03	1.92	5.89	2.70	5.10	5.83	2.97	2.94	5.68	6.98	4.71	4.05	8.10
94	291419	18.09	7.65	8.32	19.13	7.95	5.70	6.19	3.81	3.53	3.67	2.86	1.92	2.18	2.94	2.04	2.21	3.86
95	291423	11.93	7.60	3.84	2.06	1.25	1.72	11.36	3.84	6.17	7.43	6.59	7.02	2.68	1.73	1.85	1.78	1.53
96	291470	3.15	3.48	4.07	5.08	5.44	2.90	1.84	2.61	3.10	4.32	5.60	5.57	6.29	6.82	6.97	6.57	7.35
97	291529	1.78	1.51	2.85	2.81	3.55	1.14	1.86	2.58	1.57	2.13	1.67	1.75	1.32	1.25	1.55	2.06	1.86
98	291540	1.96	1.50	2.52	2.60	9.04	2.25	6.05	17.93	21.61	31.63	27.74	30.90	6.58	5.80	5.28	4.75	3.82
99	291570	3.07	4.94	7.77	7.18	6.22	3.90	4.29	2.80	4.83	4.84	5.15	9.22	8.04	7.57	8.42	7.52	7.40
100	291631	3.69	4.26	5.95	7.84	8.97	4.82	4.03	2.31	1.65	2.53	2.02	2.94	2.87	2.61	2.27	2.80	2.70
101	291711	19.88	17.07	11.62	10.52	10.99	9.00	6.68	6.54	4.48	5.18	4.09	5.04	4.65	4.64	6.76	7.84	8.47
102	291719	1.46	2.19	1.84	1.91	2.43	1.66	1.82	2.17	1.87	2.22	2.27	2.03	2.37	2.33	1.77	1.59	1.98
103	291735	14.19	7.77	11.53	8.63	4.25	11.74	7.98	7.29	7.31	9.15	9.37	7.08	2.80	1.51	2.44	1.25	1.94
104	291816	2.71	2.47	2.68	5.27	7.85	6.12	3.36	3.63	2.89	3.26	4.53	4.83	3.46	3.86	3.29	3.09	3.30
105	292090	1.25	1.48	1.50	1.49	1.78	1.63	1.51	1.41	2.02	2.73	3.12	4.15	2.64	1.57	1.69	7.18	3.00
106	292142	21.92	18.90	20.27	19.08	18.34	30.64	27.77	23.78	23.09	22.70	17.91	16.62	16.95	18.13	18.97	14.51	17.03
107	292143	6.83	3.57	3.29	4.06	5.37	6.81	6.29	3.87	6.41	9.09	5.47	4.93	5.41	5.28	4.65	4.29	10.09
108	292144	1.16	1.85	3.63	3.37	3.90	5.40	7.87	6.41	5.73	4.81	3.40	2.14	1.62	2.09	2.25	3.69	7.41
109	292159	2.71	4.76	4.74	7.10	10.09	8.29	13.49	5.95	10.34	10.74	10.59	10.91	7.08	5.39	6.04	7.66	8.91
110	292221	66.59	71.51	60.59	54.37	51.73	39.51	36.30	28.03	28.16	28.19	24.46	16.13	9.85	12.01	12.09	13.11	12.86
111	292229	20.59	17.17	16.16	15.61	14.87	12.00	14.10	8.19	7.63	11.33	8.94	15.40	11.22	10.80	9.46	8.61	11.90
112	292243	9.27	16.08	21.18	27.72	37.51	16.25	24.94	16.59	20.16	32.69	31.18	47.14	29.72	43.24	26.31	17.67	22.71
113	293329	1.56	1.76	1.39	2.45	2.58	2.08	2.04	1.25	1.33	1.51	1.54	1.82	1.91	2.01	2.11	2.49	3.66
114	293629	1.08	1.00	1.10	1.89	1.93	2.27	2.95	4.03	1.91	1.85	2.10	2.78	3.64	3.20	3.05	3.11	5.50
115	293941	32.45	29.35	36.79	32.91	31.94	35.47	27.92	36.20	57.67	59.21	58.27	56.39	41.73	34.42	28.58	17.50	21.53
116	293942	10.60	8.84	11.18	10.71	16.76	17.64	27.19	18.45	20.69	28.55	22.36	26.89	27.23	20.66	18.50	16.39	14.00
117	294110	5.81	8.02	10.28	11.02	9.99	13.17	9.85	8.49	8.73	8.00	12.50	10.63	9.88	7.95	6.34	6.2	5.8

(Contd.)

Table E5: *(Contd.)*

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
118	294140	4.24	3.77	4.34	3.24	3.83	5.23	4.59	5.14	4.20	3.41	2.23	3.86	2.39	1.72	1.23	1.20	1.23
119	294150	1.73	3.39	3.71	3.35	2.39	2.81	2.08	2.89	3.57	4.25	3.56	2.10	3.35	4.55	5.71	5.74	7.79
120	294190	1.48	1.74	1.47	2.30	2.00	2.06	2.89	2.05	1.71	1.94	2.15	3.13	3.04	3.27	2.46	3.75	4.08
121	294200	75.14	90.83	89.02	83.91	78.73	73.07	80.92	81.74	76.58	72.27	65.06	61.55	50.42	49.00	43.04	38.77	40.17
122	300339	1.82	2.40	2.01	5.80	36.30	7.63	6.99	9.08	5.38	6.55	14.94	23.31	16.86	4.82	4.05	1.69	1.69
123	300390	7.07	6.47	7.04	6.33	6.02	6.27	5.55	4.09	2.48	2.82	3.10	2.64	2.96	2.34	2.99	3.12	2.46
124	300410	7.61	6.97	6.48	6.88	6.69	4.24	3.69	4.64	5.08	5.00	5.07	5.47	3.94	5.07	5.88	6.09	9.61
125	300420	2.53	2.06	2.39	2.40	1.93	1.93	2.48	2.47	2.71	3.40	4.61	5.31	2.43	2.29	2.88	3.01	3.01
126	300450	3.73	4.61	4.16	4.53	3.59	3.85	2.96	3.94	4.27	4.52	3.51	6.08	3.33	3.15	3.24	3.21	2.73
127	320190	8.41	1.84	2.74	3.37	2.29	3.07	3.36	3.33	2.51	3.47	3.02	3.02	3.39	1.02	1.31	1.57	1.17
128	320210	2.33	2.14	3.28	3.13	3.92	5.17	4.63	5.59	6.14	7.08	6.61	6.76	6.05	6.64	5.92	7.51	6.78
129	320411	3.28	2.27	2.14	2.32	1.59	1.86	2.68	1.89	1.70	2.02	2.26	2.96	2.07	2.24	2.30	1.70	2.55
130	320412	13.64	10.08	13.29	16.17	15.48	14.94	14.11	13.05	13.57	15.25	16.68	17.90	10.13	12.06	11.13	10.68	14.00
131	320413	7.60	7.25	5.65	5.36	5.51	5.29	4.61	9.40	11.14	11.20	7.81	6.00	3.72	4.35	4.02	4.62	6.27
132	320414	7.81	7.11	6.80	7.21	5.70	7.67	7.40	6.42	7.84	8.75	12.18	12.84	7.07	8.28	8.04	9.21	13.46
133	320415	13.10	13.12	13.97	12.76	11.26	8.94	12.80	14.85	7.97	9.54	6.80	6.94	5.89	6.30	5.81	4.24	4.73
134	320416	22.36	17.36	19.07	21.58	19.07	20.35	20.42	16.71	17.50	16.93	18.21	18.53	12.48	12.59	12.98	13.80	19.46
135	320417	3.53	3.72	4.75	5.76	5.50	4.40	4.41	3.79	4.28	4.68	5.16	5.64	4.65	5.23	5.35	5.47	6.48
136	320419	2.00	1.98	2.98	3.50	3.30	3.67	3.62	3.50	3.51	3.22	3.11	4.59	5.40	5.63	6.61	5.68	7.30
137	320420	1.48	2.58	2.69	2.68	4.03	5.03	4.15	3.84	5.07	5.89	6.16	6.52	6.35	5.05	4.94	6.02	6.87
138	320490	15.71	8.79	9.88	19.25	11.58	9.94	9.34	6.70	9.16	11.04	9.09	12.91	7.66	5.55	5.30	4.80	5.09
139	320641	37.08	36.28	37.20	40.22	21.71	18.39	27.11	21.16	17.27	14.60	14.39	17.90	11.74	12.67	11.74	12.64	8.24
140	330124	23.95	19.14	18.54	20.28	17.79	21.19	25.88	23.03	19.83	18.87	26.60	25.42	14.92	15.57	19.10	19.09	22.71
141	330125	4.13	18.60	9.31	16.80	7.23	4.42	10.66	24.82	28.98	37.37	26.40	43.00	29.56	21.66	26.88	29.89	33.55
142	330129	5.04	4.98	4.23	3.78	3.66	3.65	3.20	2.49	2.08	2.32	1.89	2.92	2.01	2.17	2.32	2.67	2.55
143	330190	4.60	3.71	4.85	8.67	6.14	5.13	15.43	14.80	20.23	25.41	25.66	24.21	20.70	19.83	20.08	19.39	19.34
144	330741	34.50	41.64	37.47	39.73	41.15	38.10	30.88	29.28	25.66	27.64	25.97	20.52	18.45	21.04	17.49	17.32	19.36
145	360500	5.00	2.72	3.62	3.20	4.18	5.18	5.03	7.52	10.78	10.78	13.75	13.00	11.26	12.39	8.93	11.87	10.80
146	370610	6.57	7.07	8.69	10.65	6.87	4.25	2.33	2.37	2.24	2.02	1.62	2.50	1.48	2.84	2.53	5.85	7.81
147	370690	27.73	29.26	6.38	3.09	2.67	4.07	21.28	14.18	17.61	13.55	3.31	3.27	4.14	2.90	1.51	8.30	10.50
148	380810	8.40	9.66	10.00	11.33	11.98	11.93	10.82	9.75	11.94	11.08	9.48	9.65	6.78	5.47	6.02	5.82	5.91
149	381230	1.87	1.83	1.76	1.60	1.65	1.51	1.43	1.41	1.81	1.23	1.23	2.21	1.16	1.09	1.19	1.01	1.20
150	381710	2.17	3.96	4.71	5.81	5.41	5.18	5.57	4.99	9.67	9.35	11.02	8.19	5.17	7.71	4.44	2.82	1.83
151	391890	3.49	4.93	4.32	2.64	5.41	3.79	4.40	4.29	2.77	4.76	3.42	2.19	2.19	2.04	1.75	1.22	1.62
152	392069	20.68	19.01	16.86	11.59	18.95	19.54	13.52	9.81	8.68	7.32	6.54	6.11	7.80	5.15	5.07	6.86	7.55
153	392329	2.82	2.89	3.78	4.02	3.33	2.65	2.76	3.07	3.22	3.17	2.66	3.36	2.36	2.26	2.55	3.09	2.11
154	400300	5.20	6.38	4.42	3.43	4.92	6.27	9.22	9.06	11.35	10.24	10.86	14.47	8.60	10.69	11.89	10.82	16.85
155	401120	3.70	2.56	2.19	2.33	2.84	2.80	2.73	2.33	2.27	2.11	1.68	1.50	1.23	1.29	1.14	1.19	1.30
156	401150	9.38	12.88	11.26	13.53	13.59	15.71	13.90	8.85	9.70	8.53	4.04	6.48	5.27	4.05	4.44	3.84	4.18
157	401290	3.96	4.29	1.55	3.63	1.71	2.99	2.57	1.95	1.78	1.36	2.86	1.94	1.72	1.62	1.15	1.08	1.72

(Contd.)

Table E5: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
158	401310	2.30	1.59	1.90	3.12	2.23	2.05	2.31	3.37	3.67	2.65	1.59	3.57	3.74	3.65	3.71	3.74	3.72
159	401320	6.75	15.77	10.92	10.51	11.69	13.11	19.90	13.15	9.33	11.43	6.03	11.08	6.13	6.51	8.03	5.36	6.59
160	401390	3.18	3.31	3.33	3.01	2.95	5.45	4.40	3.51	4.20	7.25	7.05	5.05	4.01	2.51	2.35	1.94	3.59
161	401410	9.43	11.75	11.28	14.17	12.73	13.47	10.42	11.04	12.28	11.19	9.27	11.87	8.80	8.18	3.76	3.39	4.56
162	401511	2.98	2.34	1.46	2.03	2.04	3.25	3.03	2.43	1.94	1.81	1.74	1.57	1.87	1.24	1.41	1.27	1.48
163	401691	1.17	1.83	2.17	2.64	2.02	2.02	3.56	4.39	4.47	5.64	4.69	4.73	4.54	4.21	3.87	3.38	4.74
164	410439	3.77	3.66	3.20	3.41	4.73	3.85	4.22	5.92	7.04	6.38	6.88	6.44	4.82	6.23	6.61	9.55	10.21
165	410520	1.44	2.61	2.86	2.82	2.73	2.87	3.05	1.77	4.04	5.84	7.20	7.64	6.74	6.18	6.25	10.33	7.11
166	420100	11.39	13.49	12.10	13.66	10.47	10.67	10.87	9.92	10.05	9.55	9.50	9.07	6.44	5.70	5.53	4.66	6.75
167	420221	10.15	11.65	11.20	9.88	8.13	8.85	7.11	6.70	5.52	4.65	3.84	3.17	3.14	2.80	2.32	3.09	2.06
168	420231	19.34	26.80	19.35	17.52	15.42	15.25	15.13	14.02	10.57	9.42	8.05	9.06	7.78	6.72	5.96	6.37	6.20
169	420310	16.94	17.34	16.35	16.17	12.49	8.74	7.34	7.85	6.79	7.02	6.87	8.28	8.23	6.83	8.59	9.39	8.93
170	420321	11.69	11.25	9.32	6.78	5.46	4.27	5.09	3.61	3.46	2.52	2.16	2.63	2.75	2.18	1.78	2.19	1.60
171	420329	1.30	1.14	4.44	3.34	2.34	1.13	4.75	11.45	8.99	9.06	9.34	12.06	7.53	6.35	6.67	7.04	8.45
172	420330	2.38	2.88	3.17	2.99	2.14	2.85	2.14	2.35	2.86	3.05	2.01	2.11	2.00	1.79	1.67	2.10	2.26
173	420340	1.67	2.69	1.71	3.29	2.28	2.21	2.52	5.09	3.80	4.08	3.63	3.45	3.54	3.30	2.80	3.83	2.62
174	420500	4.55	4.15	3.58	5.90	4.96	3.78	2.09	2.10	2.13	1.66	1.63	1.56	1.65	1.42	1.48	1.26	1.63
175	480210	4.33	4.38	9.25	7.27	12.90	14.10	15.65	16.70	29.80	22.99	30.88	18.88	16.14	16.99	10.57	5.69	7.64
176	482020	1.69	1.64	2.41	3.08	3.34	4.09	3.96	5.98	5.43	3.68	3.62	2.82	2.98	3.51	4.12	4.81	3.79
177	482090	1.88	2.19	2.00	2.87	4.30	5.62	4.10	1.25	2.55	1.37	1.20	2.36	1.49	2.00	1.14	1.21	1.04
178	490110	2.66	2.89	3.11	3.37	2.74	2.71	3.17	3.51	3.53	4.21	4.33	3.95	3.67	3.83	4.47	4.28	5.12
179	500600	4.07	8.87	5.11	1.17	12.05	5.24	19.66	22.13	18.73	10.18	3.14	6.72	2.97	1.75	3.24	2.26	1.42
180	500710	40.42	47.63	54.14	55.11	54.19	39.56	30.72	21.79	14.33	23.68	13.61	19.98	15.73	13.82	12.37	10.18	4.68
181	500720	10.42	13.47	18.31	22.00	22.16	23.14	20.71	21.42	17.44	14.90	13.60	12.09	9.41	8.84	5.49	3.91	3.80
182	500790	24.50	27.11	34.08	31.46	23.02	24.40	29.32	21.51	15.80	16.04	12.47	9.67	6.00	12.03	10.63	7.42	3.60
183	520411	10.77	9.70	6.39	21.41	20.06	28.52	22.93	34.67	23.57	22.54	11.66	5.25	5.79	8.16	13.22	10.08	10.00
184	520420	15.61	11.17	5.45	22.51	24.15	15.41	6.65	13.38	13.56	8.97	11.12	5.42	4.28	3.16	4.43	4.94	7.18
185	520511	71.05	55.77	59.99	70.21	60.56	54.52	47.19	39.71	46.99	40.08	44.40	40.97	21.41	23.97	15.01	13.51	22.50
186	520513	8.88	6.06	4.95	7.59	9.30	13.67	4.88	2.85	4.08	6.81	8.18	8.38	5.30	11.15	8.77	9.39	14.69
187	520514	23.90	15.89	13.17	10.26	12.38	12.54	7.88	7.65	5.60	3.25	4.77	7.06	3.69	5.34	8.67	29.95	42.54
188	520515	64.20	56.28	50.48	56.43	12.30	21.51	8.66	1.76	9.81	9.78	8.36	9.37	3.88	1.85	3.18	5.28	6.18
189	520521	119.79	121.63	108.26	114.95	107.38	90.79	75.81	78.94	73.92	74.96	70.49	69.14	51.54	50.82	39.98	37.46	35.87
190	520522	9.97	5.10	6.95	11.40	13.78	13.49	6.48	5.84	6.74	13.54	15.70	17.84	13.67	15.61	15.51	17.20	20.15
191	520523	6.80	5.35	5.08	6.67	14.69	16.15	10.95	9.34	10.52	15.82	24.22	31.96	25.39	34.75	28.08	26.50	30.99
192	520524	7.57	1.94	4.87	5.13	16.07	21.14	15.55	8.62	5.00	9.65	21.00	17.17	14.20	22.60	21.51	26.29	26.99
193	520526	13.57	2.67	5.69	1.89	4.33	10.69	29.52	55.06	33.24	23.48	21.77	13.43	18.01	22.87	17.42	18.61	21.82
194	520527	10.91	2.98	8.90	4.18	5.61	12.51	11.14	12.24	14.42	14.70	11.90	14.00	11.53	18.09	18.24	24.33	25.31
195	520528	32.38	10.39	21.58	8.47	12.21	15.28	6.82	6.68	6.65	8.08	4.75	6.37	3.39	8.18	10.31	7.71	11.51
196	520531	18.34	18.53	7.37	9.18	10.72	7.67	7.95	2.87	2.36	1.47	2.00	2.59	1.44	3.27	3.07	4.41	6.12
197	520533	7.62	1.35	4.17	1.98	2.00	7.87	5.48	4.63	4.34	5.72	3.81	1.24	4.95	11.81	14.35	25.46	29.90

(Contd.)

Table E5: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
198	520535	124.40	133.79	125.26	124.94	112.71	101.09	67.18	49.97	34.57	10.72	39.11	21.93	2.61	4.54	16.05	32.82	32.95
199	520541	97.44	92.55	67.74	34.40	49.55	31.34	22.50	55.75	7.04	42.62	16.54	32.47	21.62	24.51	17.42	14.40	8.58
200	520544	47.55	19.11	34.12	22.55	23.18	15.92	10.18	2.73	2.31	3.04	4.04	6.62	6.03	6.19	7.44	7.92	9.44
201	520546	37.66	1.64	17.05	33.03	23.94	26.96	23.91	13.34	9.12	11.76	9.42	15.95	22.61	28.96	25.31	27.03	26.36
202	520790	105.42	111.98	96.98	99.64	89.30	74.77	76.30	76.83	61.07	56.98	45.23	23.38	14.85	13.90	1.80	8.84	1.62
203	520811	57.94	57.85	64.44	59.69	51.18	45.06	39.06	35.27	28.86	28.37	19.81	18.48	8.89	6.25	8.36	5.47	3.20
204	520812	10.77	9.59	9.42	9.64	8.88	6.99	8.75	6.71	5.08	6.17	4.39	4.39	2.13	1.83	2.60	1.86	2.08
205	520821	38.38	40.50	41.87	45.92	48.53	48.14	43.22	31.99	18.13	17.16	14.73	13.58	11.70	9.36	10.92	11.91	9.77
206	520822	29.41	23.56	20.48	17.16	10.46	6.20	4.94	3.25	1.17	1.62	2.67	3.03	4.10	3.15	3.27	3.55	3.65
207	520831	44.44	53.56	49.45	44.41	47.47	38.56	31.79	21.54	20.79	16.69	16.71	19.84	14.86	13.67	11.62	16.18	16.54
208	520851	18.10	22.89	24.62	21.59	26.83	16.97	17.48	11.05	10.95	15.61	16.32	12.30	10.06	11.65	12.82	14.68	14.90
209	520911	50.62	41.22	44.40	48.86	38.07	36.03	31.19	35.61	27.33	16.55	17.26	15.37	10.41	8.64	8.59	6.05	7.29
210	520912	7.50	7.16	8.46	9.77	5.19	8.04	6.15	7.95	11.09	5.53	2.88	2.77	4.10	2.84	3.72	3.41	3.60
211	520919	3.98	4.07	1.89	4.21	2.74	2.96	6.73	5.09	4.93	3.77	3.37	5.43	2.71	2.34	4.01	2.45	1.74
212	520921	49.84	71.29	76.66	83.52	71.34	27.76	23.72	11.98	9.41	17.88	10.52	7.53	7.20	8.79	15.07	7.92	4.21
213	520922	5.43	3.38	2.79	2.89	2.90	3.88	2.85	3.70	3.03	3.94	1.46	2.79	2.22	1.38	1.11	3.96	3.76
214	520931	8.12	9.72	10.27	8.35	8.54	6.33	5.91	5.81	5.14	2.00	3.84	3.79	4.60	3.54	5.15	8.11	4.56
215	520941	4.05	4.39	5.69	5.06	3.03	8.26	8.01	9.05	8.48	7.86	4.64	3.92	2.91	2.87	1.09	1.17	1.81
216	520942	4.46	7.65	7.38	6.64	6.97	5.82	6.16	2.70	2.80	3.57	3.95	4.96	3.67	3.19	3.21	5.14	5.36
217	520951	6.80	7.63	8.28	11.67	12.88	10.66	13.82	6.24	3.42	3.41	3.26	3.68	1.30	1.76	1.44	2.35	1.49
218	521142	51.43	18.83	15.72	18.75	12.19	11.38	11.93	20.88	18.90	7.85	1.14	2.65	1.14	1.08	1.28	1.55	1.95
219	521211	1.74	8.24	4.79	6.86	5.38	5.82	10.39	8.32	2.88	2.68	4.43	2.34	1.51	1.77	3.09	2.97	5.89
220	521212	1.76	3.74	3.54	9.13	10.48	5.34	3.76	7.03	5.57	4.76	3.41	3.14	2.42	4.55	6.89	3.16	5.63
221	521213	1.26	9.75	9.42	4.14	7.09	5.00	2.80	4.89	4.85	5.93	6.89	13.19	14.09	18.42	21.25	24.39	26.20
222	521215	2.18	4.24	13.38	15.95	24.56	26.11	20.87	10.94	11.81	9.96	10.42	11.82	9.78	8.77	7.39	13.18	22.63
223	530710	70.12	70.36	81.48	98.95	108.76	13.52	12.78	8.79	6.61	3.36	2.65	47.50	37.93	50.70	39.92	30.12	17.90
224	530720	102.81	94.21	96.30	73.64	86.73	55.71	82.81	87.42	62.59	54.58	38.41	61.61	43.76	52.66	45.46	39.38	32.78
225	530810	121.62	129.17	100.55	59.53	63.01	81.98	78.16	55.82	62.81	57.73	48.71	45.56	35.56	32.05	35.07	39.75	42.60
226	531010	85.41	79.39	77.39	73.83	94.54	44.69	55.69	58.23	51.55	44.32	46.64	67.81	49.01	54.32	49.80	42.59	44.95
227	540233	3.89	2.12	2.98	3.70	2.92	2.08	1.62	1.67	2.20	3.61	4.46	4.91	4.17	8.22	8.17	10.95	14.20
228	540242	11.01	6.57	6.94	9.09	6.37	9.97	9.47	8.79	9.71	13.69	17.83	18.17	8.58	12.30	15.87	14.51	15.30
229	540252	5.98	6.34	5.93	4.25	4.18	10.31	5.15	4.42	1.02	3.50	3.70	4.11	2.98	4.78	3.86	4.37	2.64
230	540262	16.12	7.99	18.56	15.23	3.17	2.11	2.93	3.34	6.24	8.77	3.77	5.31	10.03	7.78	14.01	12.41	17.06
231	540310	22.29	30.89	40.13	31.62	40.59	38.47	21.66	17.23	17.06	17.43	13.10	13.49	12.76	12.18	25.39	25.55	27.47

(Contd.)

Table E5: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
232	540331	2.40	2.03	1.94	2.45	3.30	1.56	2.53	5.46	7.99	8.20	11.45	5.24	2.46	3.28	3.42	3.86	3.56
233	540710	6.63	8.82	11.46	12.63	16.97	23.09	22.68	26.85	19.81	16.86	14.26	19.78	25.93	23.15	18.27	14.46	16.04
234	540781	13.10	8.39	6.94	3.43	2.35	3.08	10.23	7.71	7.23	8.25	6.44	10.93	7.73	8.57	9.95	4.82	4.70
235	540782	9.74	6.59	2.93	3.54	2.88	3.40	3.66	2.92	1.61	1.12	1.39	2.56	3.25	3.92	6.54	5.31	5.75
236	540784	23.69	19.72	18.18	12.28	14.94	11.76	9.14	14.61	13.77	6.73	11.30	12.79	16.31	18.73	19.50	7.20	11.60
237	540810	1.94	1.02	1.27	2.39	1.79	1.58	1.05	2.75	4.32	3.49	4.34	6.96	4.89	2.27	1.64	2.16	1.2
238	540824	4.85	3.67	4.06	4.47	4.01	3.73	3.61	5.65	6.09	2.87	1.08	7.08	3.80	1.73	1.73	2.70	1.21
239	540834	1.71	1.32	1.96	2.59	3.13	3.29	3.74	6.95	7.53	8.36	10.41	8.11	7.90	9.53	5.89	4.13	3.33
240	550921	15.32	18.18	6.99	7.04	4.35	4.10	5.58	4.56	4.47	3.50	6.32	5.88	2.98	3.06	3.04	2.59	2.77
241	550941	32.93	32.30	32.74	34.02	12.44	11.90	15.91	10.58	8.87	9.17	28.25	11.92	14.49	8.83	2.16	3.08	2.04
242	550951	32.17	20.05	26.05	28.16	32.40	35.74	36.38	29.57	20.95	22.21	24.41	22.41	15.75	19.66	19.77	13.87	16.33
243	550952	4.48	1.25	1.73	2.55	2.51	1.56	1.32	2.06	6.38	7.30	6.13	13.54	10.66	12.41	11.38	12.71	12.65
244	550953	4.29	7.29	9.45	9.83	13.04	12.55	15.43	12.90	9.06	8.84	7.92	9.77	5.77	7.29	10.13	9.64	10.56
245	550959	17.11	16.22	8.33	7.42	9.34	10.82	9.88	20.45	6.30	11.59	9.36	15.39	10.38	12.37	11.43	7.95	12.10
246	550999	16.81	21.96	20.04	10.81	2.56	3.78	8.57	13.36	6.68	8.57	6.25	6.83	8.04	2.78	4.93	4.15	7.36
247	551011	7.36	6.48	10.11	15.44	10.94	11.54	14.11	13.16	10.07	9.98	9.92	11.12	8.05	7.15	7.58	5.18	3.44
248	551012	1.83	3.47	15.57	25.05	23.54	34.02	30.21	29.14	26.71	17.82	14.32	11.68	7.07	8.48	13.17	11.40	12.32
249	551030	1.91	1.79	2.01	8.68	2.64	1.76	4.78	2.33	3.47	7.23	5.60	7.99	5.61	10.59	13.21	5.68	11.27
250	551219	1.79	2.61	2.70	4.02	4.64	4.12	2.69	3.14	4.27	4.40	6.38	8.57	5.59	2.25	1.45	2.14	1.93
251	551329	31.20	38.50	31.88	14.03	9.39	9.32	13.23	17.62	16.29	9.56	4.54	2.49	3.74	4.52	5.68	13.31	17.18
252	551349	13.29	9.36	8.39	12.21	5.55	5.98	6.05	7.56	8.77	4.25	3.25	4.45	2.68	3.57	5.00	1.37	2.62
253	551449	6.81	4.80	1.36	4.46	2.53	2.80	5.96	3.52	4.49	1.76	4.46	4.62	2.95	3.23	1.83	4.32	3.19
254	551511	5.27	4.06	4.89	5.76	8.80	9.37	10.44	10.82	8.60	8.77	10.52	11.68	6.72	9.02	9.01	8.67	9.18
255	551513	3.54	3.17	2.95	4.29	5.10	3.97	4.64	3.60	4.54	4.88	4.13	4.22	4.80	5.29	5.48	5.74	5.42
256	551519	6.11	8.45	10.67	6.69	7.45	7.71	7.73	10.42	10.63	8.72	6.04	5.47	6.20	9.97	9.09	7.39	10.32
257	560121	5.56	4.84	5.57	5.70	4.29	4.11	3.55	2.68	3.26	2.63	3.17	3.22	1.90	2.26	2.57	2.17	2.36
258	560221	1.58	2.22	5.94	4.43	4.93	4.80	3.77	3.25	3.65	4.85	4.18	4.52	4.18	4.89	3.90	3.52	3.27
259	560500	1.19	1.41	1.67	2.27	2.17	2.55	3.55	1.86	1.60	1.65	1.90	1.77	2.75	1.67	1.55	1.44	1.58
260	560749	5.16	8.46	14.45	10.94	6.57	5.08	2.90	1.61	2.02	3.54	5.38	6.23	5.54	8.55	8.04	7.70	8.19
261	560790	3.65	4.28	4.03	2.67	5.70	4.21	3.42	1.99	3.10	4.39	2.10	2.82	3.46	2.67	1.36	1.27	1.32
262	570110	12.02	20.60	23.07	18.20	18.65	17.73	13.80	14.44	16.64	19.21	28.15	24.38	19.20	15.77	9.21	19.33	21.32
263	570190	6.65	7.96	9.61	8.30	5.49	8.81	5.66	15.84	13.61	17.99	16.81	13.17	8.95	8.10	7.58	9.37	12.49
264	570220	49.49	91.74	65.36	64.23	79.61	74.51	79.65	86.39	76.90	70.48	66.71	60.51	51.93	49.34	44.73	41.04	45.42
265	570231	52.96	48.11	51.06	64.28	51.60	48.49	48.80	49.88	45.43	39.85	26.80	19.67	13.10	16.57	13.45	12.51	15.72
266	570239	16.92	58.70	35.58	42.79	37.62	41.43	43.63	48.68	45.99	54.69	33.29	11.92	17.86	8.18	9.20	16.18	8.99

(Contd.)

Table E5: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
267	570241	2.44	3.29	2.16	4.95	4.16	4.79	3.34	4.06	4.30	7.95	2.64	3.02	3.91	6.24	7.14	6.04	5.65
268	570249	20.10	10.55	6.25	19.78	18.53	8.17	13.92	10.45	15.38	25.01	10.14	3.43	4.57	5.91	4.60	5.90	8.38
269	570259	14.60	59.29	63.78	72.74	65.52	69.23	68.00	57.61	54.46	54.90	27.57	5.20	11.27	6.61	2.72	3.92	2.75
270	570291	22.48	27.93	18.83	30.26	23.52	23.27	18.21	24.60	7.53	4.68	6.76	4.20	7.90	3.02	4.40	2.90	1.80
271	570299	2.70	5.50	8.10	7.66	5.82	6.85	7.03	4.71	5.63	6.19	2.94	1.94	2.25	1.48	5.75	6.14	7.73
272	570310	10.86	15.81	19.66	15.12	13.73	14.23	13.28	11.98	14.97	14.06	16.11	16.61	12.71	18.68	16.89	15.27	17.28
273	570390	1.79	5.76	4.56	6.03	7.22	3.65	6.76	5.33	8.41	12.72	13.98	3.82	6.32	11.58	13.82	22.51	23.35
274	570500	25.68	38.26	36.56	31.82	28.93	25.42	22.67	19.82	20.43	23.18	18.54	17.33	12.77	12.19	8.68	8.50	11.71
275	580220	16.59	50.21	20.33	6.69	3.27	10.83	29.74	8.76	4.46	3.81	3.89	3.98	5.88	2.74	2.26	3.56	3.39
276	580430	24.98	29.24	32.97	26.47	20.06	9.05	4.74	4.37	7.73	4.07	3.90	1.93	2.12	4.81	5.78	5.09	12.14
277	580890	2.41	2.48	3.85	3.87	3.75	3.52	3.56	3.12	4.21	3.78	3.10	3.04	2.12	2.98	2.17	2.16	2.48
278	581091	25.56	12.83	19.55	21.61	11.27	12.18	5.49	4.25	3.85	3.75	2.86	3.21	3.48	4.34	3.71	8.92	10.05
279	581092	2.52	2.44	3.33	2.55	2.74	2.52	3.79	3.58	2.66	2.36	3.48	4.09	4.13	3.91	3.56	2.85	4.43
280	581099	16.33	23.69	33.32	24.33	27.24	21.57	15.81	12.31	11.05	11.01	10.39	12.01	9.81	10.57	7.73	10.23	15.07
281	600121	3.14	3.63	3.14	7.63	9.82	7.77	7.29	8.93	5.78	6.22	2.49	2.75	2.80	2.35	2.49	2.63	2.13
282	610442	6.97	9.84	10.09	17.17	15.25	16.02	13.85	10.75	8.35	3.73	3.52	3.70	3.73	2.87	2.85	2.30	2.39
283	610510	14.83	20.25	15.85	17.88	20.97	20.40	14.66	14.80	10.94	7.82	7.62	6.85	6.64	5.06	4.65	3.94	4.18
284	610590	1.19	3.97	3.41	3.23	1.64	2.29	1.58	1.16	2.03	1.85	4.39	4.24	3.80	5.33	5.81	6.56	6.53
285	610610	6.67	8.66	8.92	7.83	5.71	6.15	7.33	8.32	6.69	7.38	5.46	5.93	6.96	5.76	5.51	4.16	3.91
286	610711	2.00	3.51	4.42	3.24	4.24	4.97	7.12	5.73	4.80	3.85	4.57	4.39	4.61	3.40	3.06	3.29	3.84
287	610721	7.40	12.05	19.05	20.29	20.58	20.29	14.63	15.62	15.66	16.15	14.74	13.44	14.58	10.75	11.50	10.78	12.76
288	610729	1.38	1.78	3.55	4.44	4.92	12.24	9.43	2.12	3.10	1.03	2.03	3.93	4.58	2.07	2.61	12.68	23.05
289	610831	5.92	9.77	13.21	10.98	14.09	14.50	14.41	13.73	13.01	11.22	10.57	9.29	11.87	7.37	8.18	7.85	9.72
290	610910	5.24	5.72	6.61	6.20	6.88	7.09	7.17	5.27	5.36	5.69	5.45	5.25	5.98	4.51	4.59	4.73	5.11
291	611120	3.12	4.53	4.46	4.29	4.71	6.45	5.45	5.11	5.45	5.63	5.89	6.00	6.47	5.39	5.83	5.71	6.62
292	611420	1.12	1.11	2.18	2.40	1.84	1.77	1.61	2.75	2.61	3.72	5.09	6.17	5.63	5.28	5.60	9.87	7.95
293	620319	4.09	4.17	3.70	7.40	4.03	4.49	2.03	2.00	2.96	4.94	6.50	8.60	9.37	7.57	7.65	10.06	9.76
294	620322	3.01	5.58	6.56	6.21	8.91	5.03	3.11	3.35	2.38	1.94	1.95	2.40	2.52	3.25	2.73	2.05	1.90
295	620332	5.81	6.67	7.31	5.75	6.31	4.85	3.02	3.20	2.77	2.67	2.55	3.34	3.17	2.42	2.12	2.30	1.77
296	620342	1.28	1.98	2.06	2.10	2.16	1.90	1.66	1.56	1.86	2.13	2.17	2.29	1.84	1.41	1.49	1.53	1.53
297	620412	8.86	6.14	6.45	9.94	9.88	11.50	5.71	7.68	24.91	39.60	24.42	24.58	21.04	18.81	16.09	19.30	20.35
298	620413	1.18	2.34	2.96	3.80	2.35	2.89	2.94	5.41	8.11	9.93	10.95	9.96	10.25	9.15	11.91	18.09	20.70
299	620419	2.24	1.19	1.30	1.38	1.28	1.38	1.80	3.16	2.93	5.62	7.02	13.82	10.71	9.23	13.50	25.48	17.26
300	620422	13.34	17.91	14.38	15.07	10.35	7.43	9.70	11.49	15.27	13.51	14.69	12.16	11.83	9.42	11.04	14.11	8.35
301	620423	2.22	3.64	3.98	3.23	2.32	1.94	2.32	2.00	1.59	2.33	3.63	7.25	4.37	4.77	3.16	4.78	3.55

(Contd.)

Table E5: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
302	620432	9.28	10.04	11.31	8.99	5.26	4.70	3.15	3.40	2.66	3.48	2.27	1.99	1.72	1.27	1.23	1.16	1.20
303	620441	4.60	3.31	3.34	9.33	10.80	17.37	27.66	40.97	19.67	10.21	6.68	5.30	4.78	4.16	2.38	2.66	1.91
304	620442	30.21	36.57	33.12	33.62	40.62	27.62	21.28	21.09	20.14	18.02	16.62	16.05	14.94	13.73	15.11	14.52	12.87
305	620443	21.34	30.24	28.73	25.86	24.42	16.77	10.24	8.85	7.78	4.69	4.41	3.30	3.17	3.42	3.87	4.32	5.15
306	620449	13.85	8.27	10.02	8.74	9.84	8.68	5.17	4.59	4.72	5.05	3.11	3.07	2.61	2.22	3.02	3.08	1.93
307	620452	22.57	23.93	20.19	15.57	9.33	5.90	6.59	6.75	15.12	14.04	9.08	8.08	7.64	6.17	7.50	7.31	6.31
308	620453	10.70	13.98	11.36	11.13	8.40	6.04	5.83	5.92	9.16	6.42	3.82	2.85	2.94	2.47	2.84	3.13	3.78
309	620461	1.46	2.15	1.44	3.15	2.96	2.46	3.45	5.10	2.87	3.43	2.44	5.21	5.81	3.52	4.37	5.27	5.88
310	620520	19.50	17.87	15.73	17.80	15.07	12.61	10.62	9.79	8.95	7.68	6.36	6.34	5.50	5.27	5.22	4.99	5.61
311	620530	4.51	6.92	8.81	5.67	4.03	3.23	3.66	2.23	2.38	2.27	2.26	2.75	2.52	2.28	2.29	2.64	2.98
312	620590	2.52	4.58	5.04	7.00	4.17	1.67	1.97	1.59	2.30	2.55	3.35	6.46	5.66	4.17	4.19	8.00	8.83
313	620610	2.90	2.28	7.32	9.44	9.42	6.74	6.90	7.19	9.67	11.70	9.17	7.51	6.96	6.67	3.90	3.38	2.70
314	620630	34.19	36.73	27.10	31.54	26.01	24.04	20.72	21.90	23.78	20.28	14.69	13.99	13.13	12.70	12.63	10.55	11.01
315	620640	8.03	9.45	8.13	8.73	6.44	6.39	6.46	5.78	7.82	6.25	4.89	5.22	5.92	5.54	5.83	5.10	6.44
316	620690	4.54	6.91	2.87	2.39	2.11	2.12	2.47	1.92	2.31	1.75	2.20	3.45	3.58	4.10	3.72	5.20	7.22
317	620721	5.56	5.73	6.56	6.55	7.08	5.94	5.91	6.02	3.60	2.32	1.90	1.56	2.09	2.27	1.83	2.17	3.45
318	620722	1.30	2.37	1.72	1.22	1.53	3.55	1.18	2.39	3.67	2.29	2.86	3.06	2.79	1.71	1.96	4.06	8.24
319	620791	2.32	3.09	4.38	7.15	6.02	2.92	1.86	2.96	1.58	1.85	2.63	2.70	2.30	2.46	2.97	2.87	4.65
320	620811	3.62	4.20	5.18	8.94	7.66	3.85	5.07	10.45	8.83	9.17	8.37	9.77	7.12	4.60	4.88	5.58	5.80
321	620819	24.29	17.99	28.15	21.28	14.34	10.99	25.24	11.83	10.39	11.78	12.06	10.06	7.99	5.44	6.78	9.12	10.43
322	620821	14.87	16.24	17.48	16.16	15.10	14.32	17.27	11.79	9.08	9.04	6.82	7.14	6.55	5.28	6.47	6.32	8.36
323	620822	2.31	4.65	7.63	4.16	3.05	1.97	3.70	2.86	3.89	4.04	2.92	4.62	4.20	4.22	5.35	4.54	5.42
324	620829	1.74	1.86	2.83	2.59	2.91	1.01	3.84	3.66	6.15	9.75	6.18	12.86	11.87	5.40	5.13	3.74	5.55
325	620891	10.46	12.92	9.30	9.70	9.29	10.61	5.81	7.14	5.43	4.90	4.26	3.68	2.73	2.23	2.53	3.99	3.73
326	620892	2.19	2.71	3.86	4.59	4.83	2.86	3.30	4.31	4.24	5.60	5.18	2.71	1.24	1.33	1.33	1.48	1.75
327	620920	12.42	10.32	13.05	14.19	10.65	10.53	8.17	6.25	5.33	6.11	5.60	5.04	6.05	5.46	6.38	6.08	7.92
328	620990	2.70	1.50	5.37	4.09	4.89	4.18	3.33	4.20	4.11	4.18	5.50	8.63	7.90	4.91	6.06	12.75	14.20
329	621142	6.09	10.74	10.89	11.93	8.28	6.60	5.42	6.70	5.17	2.85	3.50	4.87	3.51	3.58	7.42	11.28	12.90
330	621320	9.27	5.56	4.50	3.48	3.34	5.19	3.03	1.90	1.57	1.66	1.47	1.88	2.95	1.74	1.96	1.73	1.74
331	621410	6.15	7.85	16.74	19.62	11.54	12.15	12.60	15.36	15.27	18.03	16.82	14.39	12.37	8.98	9.01	11.89	7.52
332	621420	5.35	6.45	27.38	22.89	12.74	11.54	15.00	14.40	14.14	14.60	14.32	21.58	19.04	12.82	12.78	12.52	9.16
333	621430	8.89	10.36	12.95	16.94	14.35	12.74	13.66	10.88	10.77	11.00	10.11	7.79	6.90	4.65	3.41	3.26	2.75
334	621440	13.97	8.89	8.90	11.78	7.31	8.78	8.44	9.93	9.59	10.21	9.59	10.19	3.99	3.79	1.45	2.03	2.63
335	621490	47.50	45.54	53.17	48.86	40.88	36.18	23.63	33.35	32.44	30.98	28.14	30.95	26.71	24.42	21.67	24.17	27.58
336	630120	9.84	8.01	9.18	11.93	13.21	10.43	11.58	12.91	16.96	14.78	10.50	7.25	6.53	6.26	3.75	3.51	2.56

(Contd.)

Table E5: *(Contd.)*

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
337	630130	5.76	5.98	6.82	3.81	5.73	6.44	7.36	7.21	7.72	8.22	5.44	4.08	3.94	3.77	4.49	3.33	5.92
338	630190	13.94	8.64	7.81	1.99	1.53	2.60	5.92	14.80	16.61	8.42	8.77	7.11	9.89	7.92	19.49	18.48	18.93
339	630240	1.01	1.33	1.08	1.64	1.31	2.46	4.20	11.94	16.93	13.86	15.74	19.36	7.48	6.05	7.45	10.19	15.76
340	630391	23.81	26.19	28.64	30.11	25.81	16.24	9.91	7.53	9.26	8.14	6.40	7.45	8.40	10.85	11.60	10.39	10.68
341	630399	2.39	9.30	7.61	5.72	9.45	5.53	6.33	6.65	7.94	9.07	9.28	9.03	6.13	7.21	6.60	5.34	8.55
342	630419	49.55	43.21	42.54	44.52	42.61	28.90	30.65	33.01	38.60	38.45	36.54	32.71	27.08	30.59	28.89	29.65	36.62
343	630492	102.16	107.60	104.10	106.68	98.60	85.66	79.14	76.41	69.84	66.67	57.87	55.19	44.80	38.86	32.35	33.32	34.68
344	630499	4.06	3.75	3.32	7.87	16.13	9.67	11.35	14.60	13.93	15.09	15.43	15.82	9.07	11.71	7.29	3.74	5.31
345	630510	76.97	72.68	61.22	45.84	66.73	19.08	42.39	47.26	36.65	34.03	27.20	59.01	31.11	29.75	36.38	35.59	37.95
346	630520	20.59	19.72	20.11	25.81	29.14	29.76	18.68	19.94	19.87	24.19	18.59	15.46	9.95	10.15	10.67	13.44	12.52
347	630590	2.17	2.31	2.10	6.65	3.99	4.13	4.58	4.52	2.69	2.83	1.95	2.19	1.63	1.62	1.96	2.42	2.59
348	630710	11.22	4.98	3.78	3.32	2.36	4.05	3.05	3.17	5.39	6.98	6.15	5.94	4.34	3.26	3.04	3.14	2.45
349	630790	13.47	13.04	15.67	16.47	13.85	14.04	13.97	13.46	12.22	7.33	4.73	3.35	2.16	2.13	1.99	1.86	2.36
350	640320	71.30	61.77	62.11	38.25	36.23	49.37	45.03	40.59	37.18	32.96	31.37	31.65	22.07	21.08	15.23	24.29	18.81
351	640351	14.48	22.37	22.89	22.26	19.41	19.17	22.15	20.59	20.97	19.51	19.52	21.03	19.64	16.15	14.35	18.85	15.40
352	640610	17.06	19.00	15.83	15.62	14.35	10.52	8.96	8.90	8.56	8.14	8.17	7.20	4.97	4.07	4.48	3.95	5.18
353	650100	4.58	5.09	5.59	5.23	7.47	8.05	6.59	6.03	6.54	4.15	4.93	3.62	1.97	2.33	1.19	3.46	2.78
354	650200	8.82	11.24	7.50	6.63	7.02	6.55	4.70	2.55	2.87	3.95	4.99	5.56	5.13	2.10	1.87	3.23	4.89
355	670300	39.93	64.34	70.30	60.64	64.29	60.18	66.43	59.45	51.49	52.42	45.34	41.65	36.31	32.92	31.59	35.26	36.36
356	680221	6.14	4.43	7.62	8.14	5.68	3.58	4.82	3.93	3.84	3.17	5.99	3.82	2.16	2.08	1.95	2.32	2.27
357	680223	22.47	23.04	23.53	25.60	21.36	19.94	19.42	14.75	17.74	19.71	39.78	43.08	38.89	40.35	35.41	32.49	33.41
358	680229	5.84	6.45	7.68	12.77	8.98	7.77	7.82	9.00	10.40	12.37	6.90	4.01	3.50	2.11	1.93	2.72	2.10
359	681260	2.49	2.71	2.12	3.13	1.30	1.49	6.74	6.11	9.55	6.43	7.39	7.44	19.90	10.42	7.87	3.72	4.85
360	681270	2.26	2.83	3.52	2.96	4.25	4.31	8.75	9.73	11.15	11.39	13.38	13.67	12.00	14.05	14.41	12.10	12.44
361	681490	20.40	24.75	16.42	16.87	15.57	14.81	14.20	12.91	8.47	8.23	4.66	5.84	3.83	3.86	2.59	5.28	6.24
362	690100	2.73	2.93	2.77	2.25	2.06	2.71	1.37	1.46	1.31	1.79	1.80	1.98	2.76	2.23	2.97	2.09	1.79
363	690810	4.04	4.44	4.10	5.53	6.41	6.80	6.38	3.95	2.90	5.54	5.47	1.48	1.68	1.92	2.67	1.12	2.27
364	701810	2.03	2.01	3.00	2.54	1.93	2.48	2.83	2.77	2.96	2.97	1.97	3.42	2.78	2.25	1.62	1.63	1.83
365	710239	33.42	37.36	41.35	36.79	31.54	31.28	36.66	30.18	27.26	22.75	23.24	22.51	27.13	25.81	25.19	18.57	22.83
366	710391	13.94	12.39	9.25	14.69	8.99	6.40	6.52	6.94	8.51	6.49	6.40	4.76	4.60	4.02	3.19	4.20	12.91
367	710399	23.68	42.51	30.83	25.05	32.01	29.66	30.53	27.17	21.59	19.48	15.31	12.71	11.60	12.53	9.49	7.62	7.64
368	711311	2.69	10.02	3.43	3.92	5.38	5.86	7.17	5.05	3.08	2.78	2.48	2.91	4.51	4.36	6.54	8.98	8.63
369	711319	5.68	8.02	7.42	7.29	8.49	8.66	9.65	12.77	11.40	13.39	12.22	9.26	17.11	10.02	11.56	10.99	6.19
370	711790	8.18	9.24	12.47	9.10	6.62	6.15	5.00	6.65	6.86	5.99	5.29	6.95	6.74	4.36	7.02	9.06	6.76

(Contd.)

Table E5: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
371	720230	3.55	3.43	2.77	4.11	2.75	2.15	1.34	2.96	3.27	4.65	6.21	7.55	8.12	12.47	12.86	16.48	17.73
372	720825	8.11	6.43	5.46	4.33	3.37	11.43	19.89	12.63	6.75	4.81	5.44	7.94	4.76	6.82	12.54	6.38	7.37
373	720915	10.96	5.49	6.11	11.98	10.32	26.47	32.32	19.02	16.28	10.68	9.62	2.86	2.31	15.51	7.24	1.38	3.53
374	721041	4.66	1.31	1.36	11.04	22.65	71.85	41.21	27.25	22.27	17.00	11.73	19.12	21.73	26.84	25.56	26.54	24.57
375	721049	3.03	1.10	1.93	3.14	3.37	2.10	1.94	7.74	7.33	7.11	4.63	4.60	3.32	2.13	1.66	1.96	2.77
376	722100	3.25	1.53	2.33	4.22	4.18	4.58	5.75	4.37	2.00	4.10	4.50	3.83	3.37	3.64	3.07	2.63	3.34
377	722211	7.50	3.14	2.74	2.56	2.85	2.72	2.38	1.26	1.11	1.50	1.80	4.90	1.57	2.69	2.82	2.27	4.04
378	722220	4.71	3.06	4.55	5.96	6.80	8.55	7.30	7.16	8.08	7.44	8.17	9.34	6.78	6.36	6.77	7.70	7.79
379	722300	2.75	5.41	5.13	6.83	4.64	6.02	6.96	6.99	7.12	8.47	10.36	8.65	5.78	7.20	7.29	6.93	7.56
380	730511	1.91	1.63	1.50	2.66	1.57	1.82	1.59	4.07	7.54	5.99	11.71	15.85	9.91	18.81	4.92	8.09	6.39
381	730610	1.57	4.12	2.95	4.90	5.08	5.48	3.80	4.85	5.20	3.44	5.18	2.10	1.85	2.44	2.18	2.19	1.39
382	730690	2.53	3.43	1.86	2.66	2.84	3.78	5.68	11.83	5.38	3.75	2.53	4.70	6.26	3.73	4.34	4.01	4.47
383	730711	2.93	2.55	2.21	5.00	3.83	2.34	3.98	3.58	3.40	3.44	3.36	2.64	1.73	1.53	1.88	2.00	2.38
384	730721	2.36	2.81	5.11	5.11	5.84	7.10	7.64	11.10	11.64	10.06	9.68	8.21	7.01	6.25	5.65	5.62	5.56
385	730791	1.41	1.27	2.22	2.55	1.85	2.43	2.93	4.06	4.73	4.41	2.96	2.46	2.06	2.95	3.85	4.97	4.16
386	730820	8.24	17.06	20.66	14.46	9.14	9.38	8.02	7.33	5.80	7.27	7.68	5.54	4.22	2.78	3.20	4.61	4.26
387	731811	4.73	3.84	2.17	3.63	4.96	4.79	5.39	9.79	12.47	7.15	18.41	27.41	24.11	26.45	23.34	8.36	4.20
388	732393	5.61	5.85	9.46	9.52	10.44	8.97	9.73	7.61	7.03	5.67	3.84	3.55	3.24	3.09	2.66	3.01	4.12
389	732394	6.04	11.52	20.15	35.70	38.41	26.85	31.28	30.33	30.19	24.80	27.17	24.27	16.04	15.59	13.85	11.05	12.86
390	732591	4.52	4.03	1.10	2.75	3.72	5.64	5.49	7.82	9.12	7.54	8.37	7.28	8.39	11.60	11.86	12.08	13.76
391	732599	9.26	10.23	12.39	12.26	13.77	10.02	11.16	13.16	11.73	11.20	10.32	11.08	8.60	9.33	10.38	11.27	11.91
392	741819	40.71	37.18	32.88	36.77	37.40	36.62	36.55	31.94	21.64	11.43	5.87	6.74	5.86	6.13	5.96	6.35	1.59
393	741820	3.57	4.89	5.58	3.92	4.28	3.34	3.78	3.77	3.66	3.57	5.21	5.26	3.77	3.10	3.31	3.17	4.45
394	741999	2.64	4.11	4.44	3.67	3.60	3.67	4.61	5.66	6.92	5.53	4.02	3.70	3.33	2.57	3.75	4.84	7.33
395	760320	2.44	4.13	4.93	3.21	4.48	3.74	4.39	3.90	4.04	2.94	3.89	1.91	1.49	1.11	1.41	1.54	1.44
396	761410	14.23	11.17	4.45	7.46	11.61	10.98	5.73	4.16	2.81	4.23	10.58	11.11	4.92	2.36	4.45	7.20	6.25
397	810199	2.88	6.03	3.10	3.02	2.10	4.13	3.52	2.92	2.25	1.90	1.19	1.20	2.35	1.67	2.28	2.12	2.09
398	820130	7.53	7.62	9.29	8.86	7.86	9.18	5.61	6.35	6.81	6.37	5.62	4.93	2.55	3.45	3.69	3.40	3.47
399	820310	14.47	16.35	14.41	15.51	16.22	14.09	13.34	11.57	10.87	11.89	8.48	9.25	6.72	6.12	5.51	6.00	6.97
400	820411	4.12	2.85	5.88	5.44	3.91	5.72	9.67	8.71	7.74	7.54	5.88	7.79	4.74	6.13	6.94	6.20	7.60
401	820520	1.39	1.32	1.23	1.59	1.51	1.24	1.06	1.58	2.05	2.65	1.93	1.86	1.12	1.66	1.16	1.53	2.01
402	820530	16.67	12.76	10.34	17.63	17.76	11.03	6.27	6.68	2.99	5.12	3.07	4.09	1.61	3.83	3.52	3.45	3.46
403	820570	1.79	2.64	7.16	7.82	10.01	10.19	12.84	10.49	11.50	8.80	5.27	4.92	3.78	4.44	5.00	6.04	6.02
404	841440	4.07	3.31	5.29	5.99	4.43	5.60	4.22	3.22	3.14	4.35	4.02	4.59	3.28	2.41	2.89	3.32	3.95
405	843221	2.31	5.27	11.68	14.20	9.60	7.83	5.42	5.17	5.81	5.90	5.35	2.77	3.55	3.03	1.38	1.38	1.08

(Contd.)

Table E5: ***(Concld.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
406	843590	2.88	2.41	2.95	2.91	3.95	2.24	1.24	2.74	3.16	4.32	3.71	3.41	3.83	1.92	2.89	3.42	2.21
407	843790	2.20	1.96	2.13	2.26	3.50	2.31	1.61	1.85	1.92	2.01	1.31	1.24	1.50	1.82	1.06	1.25	1.28
408	843830	3.29	2.26	6.99	2.92	1.23	2.42	3.07	5.57	7.91	1.27	1.45	2.60	2.20	4.89	12.20	11.77	8.76
409	844820	3.98	3.46	3.31	4.16	3.86	2.54	2.38	2.12	3.06	1.59	4.79	5.07	2.23	4.80	3.41	2.06	4.38
410	844833	2.57	1.77	3.16	8.19	3.47	3.65	1.97	4.14	4.80	3.73	3.40	2.70	3.25	4.34	2.80	2.79	3.77
411	845899	5.18	4.95	5.60	2.98	4.90	3.46	2.39	1.83	2.80	3.14	4.45	7.77	8.11	5.88	2.67	3.64	1.64
412	846820	1.13	2.15	1.26	1.56	1.42	1.48	1.41	2.68	2.09	2.57	1.87	2.39	1.67	1.14	1.17	1.22	1.69
413	847920	4.62	7.36	3.75	3.33	1.82	2.07	4.02	3.35	3.51	4.75	2.85	3.19	2.68	2.29	3.22	2.75	3.51
414	850421	1.97	2.10	1.57	2.23	2.51	2.62	5.03	1.94	1.55	2.03	3.18	2.65	3.44	3.16	3.66	3.42	2.60
415	850422	1.55	1.87	2.27	2.00	3.55	1.69	2.88	2.33	1.45	2.46	2.44	2.26	1.60	2.46	1.58	1.68	1.28
416	853510	2.45	4.18	3.16	6.63	3.46	6.07	4.35	3.23	3.42	6.29	9.47	9.99	4.51	3.77	3.21	2.05	2.02
417	854620	1.04	1.41	2.83	2.97	3.58	3.85	3.27	4.33	6.03	5.50	5.60	5.26	3.83	3.28	2.84	2.76	2.91
418	854690	4.05	2.64	3.24	3.67	4.36	4.78	3.54	2.40	3.80	2.67	1.55	1.68	1.08	1.11	1.04	1.00	1.19
419	854790	11.82	14.80	16.33	13.93	19.86	16.58	14.32	13.47	10.06	7.09	8.84	10.03	6.70	6.71	6.24	5.58	5.34
420	870321	3.38	2.35	1.28	1.47	1.07	2.36	4.00	5.78	3.54	3.18	2.89	2.82	4.82	12.07	5.73	4.11	3.55
421	870600	3.18	2.56	3.15	3.67	4.12	3.28	2.59	3.85	4.02	3.71	3.47	3.49	2.02	2.79	3.49	2.89	3.43
422	871120	3.42	2.56	1.85	1.82	2.71	4.68	4.94	5.65	4.25	4.08	2.66	3.89	5.47	6.31	7.52	7.91	10.10
423	871492	10.39	16.55	28.06	28.61	24.40	23.37	14.20	6.77	4.25	4.70	2.39	2.79	1.24	1.61	1.65	1.38	2.21
424	871493	23.53	34.64	41.12	37.38	35.04	34.84	24.57	15.62	17.56	13.12	5.30	6.95	2.43	2.75	3.10	2.48	3.09
425	871495	6.03	6.46	8.67	8.97	10.20	2.22	3.70	2.06	1.29	2.44	1.42	1.72	1.00	1.04	1.09	1.27	1.19
426	910529	17.40	9.64	9.59	12.90	13.97	16.22	5.80	6.70	10.13	9.89	10.04	10.24	9.23	8.59	9.11	8.44	9.30
427	911410	2.55	2.28	5.78	6.04	4.25	4.82	8.54	6.85	9.28	10.50	10.19	14.53	7.40	6.51	6.75	3.88	5.63
428	950662	15.74	13.84	8.80	7.52	5.99	6.03	2.82	2.83	2.33	2.17	1.37	1.95	1.44	1.43	1.09	1.04	1.17
429	950669	7.08	5.88	6.66	4.96	5.82	6.51	8.78	6.59	6.24	6.34	4.63	4.69	4.56	3.37	4.41	2.57	2.52
430	960190	10.27	16.60	7.41	3.39	5.58	7.53	6.30	4.70	4.60	7.16	5.12	8.32	5.11	4.90	3.90	6.10	7.21
431	960200	2.70	2.10	2.92	4.14	5.29	5.85	6.73	4.96	4.56	4.54	4.71	4.58	3.97	3.77	3.38	4.21	4.78
432	960321	1.85	2.82	4.00	3.16	2.36	1.32	1.20	1.18	1.07	1.04	1.16	1.88	1.78	1.82	1.47	1.51	1.39
433	960630	5.85	7.80	4.59	7.95	7.33	8.46	17.48	14.13	10.97	10.69	8.91	10.85	6.24	7.45	7.47	11.23	6.71
434	960810	3.12	2.82	3.26	3.47	3.94	3.23	3.60	2.92	2.88	2.67	2.33	2.10	2.30	2.62	2.58	2.60	2.83
435	960891	1.44	1.63	1.20	3.08	2.18	1.09	2.21	3.75	6.76	9.41	10.21	8.47	4.89	4.52	4.62	4.20	7.36

Table E6: List of Products (HS-6 Digit) with Sustained RCA in the Export of China During 1997 to 2013

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	10392	6.00	6.03	5.24	4.32	3.57	3.40	2.71	2.01	1.45	1.26	1.18	1.33	1.12	1.15	1.34	1.18	1.02
2	20732	3.88	5.40	3.86	4.57	4.02	4.99	4.66	3.74	5.08	4.67	4.16	4.60	4.41	4.41	4.39	5.19	4.90
3	30192	4.33	6.16	6.69	1.71	3.33	1.95	2.91	3.99	3.87	4.15	2.52	4.25	3.85	2.84	3.03	2.68	3.23
4	30199	9.63	10.00	7.09	7.18	7.57	6.45	6.02	5.92	4.41	4.34	4.04	4.34	3.46	3.15	3.00	2.15	2.85
5	30332	3.80	2.53	4.12	3.70	4.61	5.63	4.74	5.66	6.89	6.34	5.39	5.06	4.78	4.70	5.09	3.12	1.95
6	30379	2.98	2.44	3.98	3.64	3.77	2.88	2.12	1.95	1.73	1.70	1.37	1.35	1.26	1.49	1.59	1.37	1.37
7	30420	2.66	2.94	2.93	3.39	3.31	3.24	3.20	3.07	3.11	2.88	2.62	2.48	2.65	2.58	2.55	2.91	2.53
8	30520	4.34	3.51	2.60	2.02	1.37	1.79	2.27	3.07	2.72	3.38	2.26	2.43	2.17	2.33	2.43	2.68	2.14
9	30729	6.04	4.00	3.06	2.86	2.11	1.68	1.14	1.05	1.38	1.12	1.03	1.09	1.13	1.72	1.87	2.11	2.37
10	30749	2.68	3.88	2.41	2.17	2.20	1.75	1.61	1.76	1.49	1.43	1.03	1.09	2.10	2.44	2.47	2.70	2.91
11	30751	5.45	5.93	8.19	6.73	5.47	5.31	3.82	4.94	3.45	6.09	5.46	4.48	4.75	4.57	4.21	3.68	3.63
12	30791	4.25	4.37	4.34	3.27	3.72	5.21	3.98	3.62	2.08	2.08	2.07	1.90	1.88	1.85	2.10	1.57	1.50
13	50210	16.53	16.57	15.30	15.44	14.05	11.60	9.98	9.12	8.35	7.66	7.07	7.47	7.02	6.95	7.31	5.95	6.01
14	50290	10.02	8.00	7.39	7.95	7.26	7.17	5.57	5.71	4.96	5.80	5.25	4.77	3.87	4.55	5.44	5.53	5.04
15	50400	6.60	5.94	6.15	5.34	4.11	3.16	3.08	2.99	2.49	2.35	1.99	2.12	1.97	1.94	2.11	1.74	1.46
16	50510	11.10	11.36	11.49	9.94	8.57	7.41	6.08	6.09	5.17	3.99	4.00	3.92	3.64	3.41	3.42	3.09	3.53
17	70320	5.89	4.48	6.28	8.02	8.53	9.65	8.80	8.21	7.63	7.59	6.81	6.07	6.45	6.56	6.27	4.94	4.74
18	71029	14.83	16.92	17.98	11.55	11.19	8.99	6.46	6.41	6.32	6.19	5.61	4.51	3.75	3.53	3.59	2.74	3.37
19	71080	3.01	2.99	3.14	3.14	3.00	2.28	1.93	1.96	2.03	1.97	1.75	1.80	1.60	1.80	1.81	1.55	1.33
20	71140	9.77	5.40	6.74	4.59	4.75	4.24	3.38	3.10	2.16	1.70	1.66	1.43	1.24	1.64	1.67	1.43	1.28
21	71190	17.73	15.76	15.27	14.76	12.82	10.77	8.66	7.43	6.62	6.24	5.09	4.86	3.91	4.01	3.89	3.56	3.11
22	71230	14.68	13.56	12.63	12.51	10.47	6.46	8.40	8.78	8.41	7.47	6.63	6.92	7.02	7.36	7.60	5.71	6.02
23	71290	8.38	8.80	9.15	9.45	8.45	7.99	6.69	6.14	5.98	5.95	5.35	4.62	4.24	4.88	5.02	3.57	3.01
24	71331	13.65	15.64	15.31	10.01	10.48	10.76	10.05	7.31	7.25	5.82	4.60	4.32	5.35	1.32	4.24	3.35	3.65
25	71332	10.07	13.35	11.39	11.50	8.32	7.89	8.00	8.29	5.58	5.55	4.07	4.66	5.63	5.88	5.50	4.36	4.40
26	71333	5.87	3.78	4.05	5.62	5.82	5.29	5.29	4.43	4.41	4.15	3.71	3.95	3.24	3.23	3.16	2.93	3.08
27	71490	13.79	12.99	10.90	9.05	7.35	6.05	5.12	5.02	4.59	4.18	3.37	3.16	3.56	3.35	2.59	4.16	3.46
28	80240	6.87	8.08	7.24	6.83	5.53	4.43	3.39	4.09	3.53	3.56	2.99	2.71	2.67	2.45	2.42	2.37	1.53
29	81290	4.72	6.96	6.68	5.05	5.92	4.42	6.40	5.89	5.71	5.37	4.13	4.24	3.33	3.52	3.87	4.31	4.42
30	90210	9.40	14.94	14.12	14.08	12.62	9.99	8.68	7.09	6.95	6.27	5.43	5.08	5.21	4.47	4.80	4.06	4.44
31	90220	21.15	18.87	19.40	18.19	16.32	13.10	10.87	9.85	7.81	6.57	5.79	5.67	5.01	4.65	4.85	4.75	4.76
32	90420	6.31	5.18	4.22	4.01	4.07	3.58	3.98	3.75	2.84	2.55	2.00	2.59	2.11	1.69	1.85	1.59	1.56
33	90610	10.39	9.02	5.82	4.11	5.20	4.82	3.48	3.59	2.63	2.56	2.26	1.91	2.24	1.99	1.86	1.24	3.64
34	91010	9.37	7.90	9.61	11.38	12.57	10.91	9.69	9.81	9.02	7.91	6.34	3.79	6.35	5.68	5.28	4.44	4.55
35	100810	16.05	16.71	14.66	12.31	10.73	11.05	10.25	8.41	7.42	6.24	5.22	4.59	4.23	5.08	4.96	2.79	1.90
36	110819	9.12	7.33	7.02	8.30	8.00	7.95	7.03	6.53	5.17	4.01	3.51	2.59	2.88	2.76	2.47	2.00	1.93

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
37	120210	7.51	10.34	7.22	7.45	7.44	6.07	5.82	4.70	4.61	4.29	4.04	3.83	2.10	2.13	1.79	1.83	1.31
38	120799	4.05	2.84	3.26	2.77	4.62	1.95	1.85	1.17	1.62	1.30	1.42	1.22	1.17	1.10	1.09	1.92	1.37
39	121120	6.34	6.17	7.08	6.31	5.85	5.86	4.02	3.52	2.74	2.00	1.85	2.44	1.59	1.48	1.93	1.96	1.74
40	121190	7.98	5.97	5.69	4.86	4.40	3.82	3.45	3.23	3.10	3.04	3.01	2.70	2.76	2.92	2.86	2.66	2.96
41	121299	17.86	16.62	13.06	10.78	11.66	10.60	9.12	7.30	7.73	7.42	6.37	6.44	5.89	5.80	5.39	4.56	4.61
42	130212	3.10	3.71	2.94	2.54	2.02	1.83	1.79	1.20	1.12	1.39	1.41	1.50	1.43	1.11	1.14	1.14	1.79
43	130231	2.05	2.18	2.25	1.86	2.33	2.02	1.95	1.87	2.27	2.53	2.19	1.96	1.81	1.95	2.41	2.09	2.14
44	140110	19.45	20.90	18.46	16.23	15.16	12.76	9.93	8.34	8.22	7.27	6.90	6.06	5.75	5.73	5.26	5.19	5.29
45	150890	3.56	4.25	5.73	5.54	4.39	3.43	3.66	2.38	2.85	2.56	2.03	2.47	2.32	1.98	1.76	1.23	1.50
46	152190	7.44	4.78	4.76	3.75	3.73	3.12	3.34	3.59	3.44	3.45	3.01	3.07	3.13	3.36	3.38	2.49	2.33
47	160232	2.75	3.36	3.96	5.10	4.87	4.57	3.38	2.75	2.71	2.44	1.89	1.22	1.17	1.30	1.42	1.29	1.16
48	160249	4.19	3.34	3.77	3.51	3.56	3.10	3.06	3.26	2.96	2.69	2.24	1.64	1.65	1.71	1.64	1.66	1.29
49	160419	15.21	12.87	13.01	12.68	10.98	9.51	7.46	7.34	6.51	6.48	5.70	5.54	4.35	4.56	4.71	4.30	3.91
50	160430	1.71	3.18	2.14	2.42	3.27	3.75	3.01	2.70	3.35	3.87	3.36	2.58	2.20	2.08	2.17	2.50	1.96
51	160510	2.15	3.57	3.01	4.13	4.14	4.03	4.20	4.31	4.26	4.28	3.62	4.33	3.73	3.69	4.66	4.21	3.86
52	160540	3.18	9.00	9.95	9.55	9.07	6.49	8.56	6.74	7.05	7.39	5.78	5.81	5.01	5.62	4.74	5.19	4.70
53	160590	3.83	3.72	4.35	4.76	4.86	4.83	4.50	4.37	4.56	4.24	3.77	3.74	3.08	3.09	3.60	3.59	3.29
54	190220	3.13	3.05	3.40	4.36	4.60	3.58	2.62	2.36	2.13	1.91	1.58	1.11	1.11	1.13	1.20	1.47	1.01
55	190230	1.74	5.77	6.03	5.27	4.58	4.00	3.42	3.28	3.15	2.87	2.22	2.15	2.00	1.91	1.95	1.73	1.64
56	200290	1.35	1.33	1.48	1.55	2.24	2.59	2.16	2.00	2.31	2.35	2.65	2.74	2.48	2.35	2.53	2.98	2.17
57	200310	7.00	7.13	6.06	6.66	6.25	6.76	6.03	5.31	5.04	5.31	5.59	4.83	3.85	4.00	3.99	3.54	3.45
58	200490	1.67	1.73	2.17	3.91	4.44	3.99	3.35	3.62	3.22	3.26	2.64	2.06	2.11	2.31	2.25	1.84	1.71
59	200560	11.86	9.80	9.44	8.47	8.31	8.27	6.49	5.62	5.79	5.77	5.59	4.03	3.50	3.63	3.50	4.99	3.03
60	200590	6.44	5.53	5.04	5.21	4.64	3.89	3.25	3.43	3.31	3.08	2.68	2.48	2.24	2.36	2.40	2.83	2.73
61	200600	8.48	7.06	5.59	6.81	6.92	6.33	5.16	4.57	3.98	3.50	2.61	2.82	2.89	2.83	2.94	2.58	2.35
62	200811	7.63	6.62	7.71	7.52	6.80	6.20	5.42	4.86	4.17	3.75	3.49	3.18	3.06	3.09	3.09	2.46	2.22
63	200830	7.46	7.11	8.51	9.44	8.95	7.80	6.99	6.27	5.53	5.30	4.62	4.66	3.87	3.80	3.92	3.42	3.09
64	200870	1.51	1.37	1.73	1.73	1.65	1.38	1.63	1.30	1.25	1.24	1.48	1.62	1.50	1.48	1.56	1.36	1.43
65	200899	2.63	2.45	2.65	2.31	2.06	1.93	1.89	1.74	1.76	1.62	1.45	1.63	1.47	1.57	1.87	1.91	1.97
66	210310	5.00	4.52	4.50	4.12	3.54	3.29	2.71	2.39	2.27	2.18	2.00	1.92	1.66	1.48	1.46	1.29	1.44
67	220190	18.46	16.94	16.15	13.63	12.27	9.60	9.38	9.23	7.03	5.38	4.66	4.15	4.20	4.19	4.62	4.24	3.85
68	250410	8.36	8.69	6.77	6.42	6.19	4.70	4.43	3.62	4.33	3.42	3.10	3.57	3.49	3.85	5.03	4.14	4.32
69	250490	5.49	5.35	7.83	11.97	12.00	10.57	9.58	8.54	9.08	8.04	7.36	7.86	6.37	6.46	6.61	4.39	4.77
70	250830	16.83	16.28	18.51	16.69	10.24	7.74	6.76	6.53	5.35	3.95	3.55	5.49	4.70	4.99	3.84	2.93	3.12
71	251110	15.50	13.53	12.16	13.51	10.52	6.72	6.45	5.60	5.59	5.33	4.35	4.51	3.36	3.25	3.88	3.33	2.51
72	251990	8.67	8.01	9.25	9.22	7.27	5.50	5.11	3.97	4.00	3.27	3.34	3.51	2.60	3.43	2.75	2.40	2.32
73	252520	2.45	2.73	2.59	2.42	2.56	2.38	1.98	1.73	1.84	1.72	1.46	2.74	2.01	1.66	1.75	1.69	1.77

(Contd.)

Table E6: *(Contd.)*

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
74	252610	14.85	16.56	14.89	13.14	12.34	9.89	8.08	6.79	6.08	6.40	5.02	5.36	3.71	3.77	3.23	2.48	1.78
75	252922	18.88	19.34	19.16	16.12	14.99	12.33	10.13	8.20	7.14	5.80	4.51	5.16	2.80	3.38	4.21	2.49	2.10
76	253010	5.22	6.45	7.39	6.02	6.66	4.46	4.98	4.83	4.56	1.77	3.43	3.53	2.56	2.26	1.90	1.38	1.34
77	270791	1.77	2.09	3.12	3.02	2.18	2.33	1.53	1.41	3.40	2.76	6.19	7.97	3.80	4.18	4.92	5.39	5.13
78	271220	8.40	9.72	8.28	8.26	7.78	7.03	5.76	5.17	5.40	4.82	4.47	4.56	3.70	3.44	3.21	2.86	2.88
79	280469	6.35	6.14	5.87	5.72	5.62	5.36	5.38	5.18	4.62	4.71	4.65	4.72	3.60	4.00	3.52	2.94	3.27
80	280511	1.24	2.89	5.62	3.46	2.87	3.26	5.07	4.61	4.43	3.96	2.91	1.83	4.18	4.30	5.30	3.07	2.27
81	280521	7.88	8.02	9.10	8.66	7.92	7.69	5.24	3.51	3.88	4.56	4.72	5.45	3.37	3.86	3.52	3.39	3.44
82	280530	19.14	19.70	19.86	18.22	16.49	13.53	12.58	11.26	9.88	9.94	8.88	8.13	6.66	6.57	6.99	5.11	4.91
83	281511	3.34	3.30	3.31	3.27	5.38	3.60	4.40	2.19	4.27	4.32	3.94	3.72	4.13	3.22	3.24	2.62	3.44
84	281630	5.28	6.47	9.26	8.34	7.45	5.86	5.61	4.87	3.92	2.75	2.96	3.19	4.28	4.47	5.04	4.17	4.40
85	281810	5.53	4.89	5.63	5.46	5.68	5.84	6.02	5.57	4.92	4.47	4.72	5.22	3.67	4.20	4.27	3.77	3.56
86	282010	3.17	3.92	2.94	2.98	3.91	3.14	2.69	3.57	2.57	3.64	3.57	3.33	3.30	3.16	3.00	2.46	2.15
87	282110	2.60	3.07	2.98	3.60	3.23	3.14	3.02	3.41	3.15	2.77	2.76	3.03	3.75	3.87	3.52	3.30	3.07
88	282520	2.33	4.09	4.26	2.97	3.24	2.85	2.81	1.76	2.10	1.36	2.31	1.47	1.20	1.05	1.88	1.18	1.63
89	282530	7.19	9.46	6.24	5.94	3.79	3.30	5.57	3.87	6.64	5.05	6.11	5.27	3.05	2.53	3.13	2.43	1.92
90	282560	2.93	4.96	4.64	3.94	4.36	1.26	1.22	1.62	2.23	1.98	1.81	1.76	1.28	1.76	1.72	1.36	1.41
91	282580	11.07	10.18	11.88	9.81	8.01	8.82	6.79	5.97	5.74	5.76	5.00	5.26	4.72	5.07	4.67	3.79	3.27
92	282590	3.89	5.78	4.93	4.84	5.37	3.94	3.70	2.89	4.45	4.44	3.84	3.18	2.45	3.32	4.08	3.19	2.55
93	282619	2.17	2.25	2.15	2.49	2.74	2.33	2.63	2.09	2.00	2.11	1.88	1.87	1.29	1.23	1.61	1.02	1.26
94	282630	6.60	4.45	3.24	1.26	2.04	3.47	2.68	3.53	2.00	3.06	4.61	4.32	5.09	2.97	2.26	2.41	2.75
95	282690	2.07	3.65	3.64	3.59	3.81	2.10	1.26	1.56	3.08	2.37	2.39	1.91	1.40	2.05	2.45	1.91	2.27
96	282710	11.08	11.70	9.77	8.58	11.30	8.34	8.34	9.08	8.73	7.88	8.69	8.44	6.60	6.75	7.14	5.88	5.85
97	282720	2.19	1.50	1.52	1.58	2.73	2.44	2.44	2.90	3.29	3.50	2.57	2.57	2.73	2.60	3.19	2.54	3.01
98	282749	7.51	7.63	7.73	7.55	8.16	5.54	4.28	5.62	4.79	4.65	4.55	4.34	3.84	3.48	5.11	3.24	2.53
99	282810	4.31	4.60	4.46	3.61	2.96	2.69	2.77	3.22	3.39	3.05	3.29	3.24	3.24	3.21	3.96	3.12	3.04
100	282919	12.85	10.28	11.16	8.46	10.75	10.36	8.62	8.47	5.16	5.55	5.30	5.91	5.95	5.79	6.59	5.88	5.41
101	283010	8.83	7.55	8.44	8.67	7.15	6.18	5.61	5.68	4.61	4.49	4.65	3.66	4.22	4.34	4.10	3.07	3.66
102	283110	14.65	15.71	15.33	14.00	12.80	10.81	10.00	8.26	7.84	8.31	7.25	7.13	4.43	4.03	3.80	2.86	2.73
103	283210	1.18	1.03	1.48	1.45	1.42	1.24	1.33	1.68	1.61	1.82	1.89	2.29	2.39	2.63	2.63	2.96	2.21
104	283230	3.40	2.94	3.97	3.94	4.73	3.67	3.27	2.76	3.57	3.53	2.36	2.61	3.02	2.98	2.30	2.27	2.10
105	283321	5.75	2.84	4.46	4.03	4.79	3.42	2.43	2.63	2.32	2.26	1.98	3.49	2.17	2.07	2.43	2.07	2.03
106	283327	1.74	1.94	1.61	1.56	1.39	1.15	1.08	1.31	1.24	1.10	3.90	4.33	4.03	3.79	4.77	4.63	4.61
107	283329	2.09	2.25	2.99	3.35	2.88	3.15	2.97	3.31	4.45	3.63	3.07	2.89	2.05	2.27	2.62	2.17	1.97
108	283340	2.11	2.86	2.72	2.96	2.83	2.86	2.57	2.53	3.31	3.03	2.38	2.40	2.36	2.21	2.97	2.24	2.22
109	283429	4.41	3.59	3.76	3.19	3.46	2.48	2.47	2.12	2.63	2.57	2.26	2.56	2.66	2.58	2.67	2.06	2.16
110	283510	4.17	3.80	4.83	4.59	3.32	4.47	4.60	5.02	4.91	4.19	3.63	4.59	3.53	4.01	4.42	4.17	3.83
111	283524	1.00	1.55	1.95	2.09	1.97	2.01	2.84	2.83	4.42	4.04	3.86	5.43	3.36	2.52	4.02	2.25	2.76
112	283525	2.49	1.85	2.98	3.50	4.87	5.44	5.32	5.73	5.14	5.00	3.49	4.60	3.71	3.51	3.54	3.58	2.62

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
113	283531	4.89	4.06	7.55	6.32	5.93	6.12	5.65	4.86	5.37	5.07	4.34	3.93	4.12	3.21	2.82	2.31	1.80
114	283630	1.42	1.37	1.53	1.99	2.08	1.90	1.79	2.02	1.77	1.69	1.54	2.18	1.86	1.85	2.25	1.94	1.73
115	283660	14.77	15.21	14.96	14.21	14.69	13.06	10.98	10.07	8.68	8.40	7.28	7.62	6.75	6.52	7.36	5.27	5.47
116	284161	15.16	12.99	9.94	10.46	9.41	8.31	6.62	5.32	6.13	6.03	5.89	4.64	4.34	4.72	4.86	4.28	3.83
117	284170	7.35	6.74	8.29	8.50	6.74	6.10	5.71	4.06	5.12	4.09	3.93	2.55	2.17	2.13	2.09	1.92	1.58
118	284180	19.22	18.84	18.11	13.47	12.24	10.81	9.23	6.68	7.52	7.04	5.94	5.68	7.59	7.09	7.05	5.60	5.19
119	284190	5.31	3.86	2.21	1.49	1.31	1.44	1.77	1.15	1.20	1.16	1.78	2.42	2.17	1.95	2.44	1.88	1.39
120	284610	10.17	10.41	11.30	10.18	9.85	7.84	6.15	4.80	3.04	1.85	1.19	3.15	2.21	4.06	2.97	2.27	1.31
121	284690	17.80	19.10	15.44	12.70	13.56	9.84	8.03	7.27	6.77	6.68	6.67	6.87	4.85	6.02	5.98	3.77	3.67
122	284910	3.87	3.35	4.66	4.63	3.93	3.37	2.77	1.77	2.05	2.15	2.18	2.25	2.28	2.33	2.54	1.96	2.12
123	284920	8.60	9.31	9.06	9.29	8.20	6.50	6.35	4.73	4.00	3.48	3.27	3.72	2.64	3.36	3.12	2.25	2.64
124	284990	2.73	2.63	3.03	3.12	2.49	3.11	2.97	2.76	2.92	3.65	2.67	2.98	2.42	2.80	2.73	2.03	1.82
125	290490	2.03	2.03	2.81	4.39	4.23	4.12	3.64	3.70	4.24	3.98	3.80	3.17	2.26	2.27	2.54	2.75	2.23
126	290543	1.62	1.94	2.08	2.19	2.27	2.49	2.19	1.84	1.65	1.90	1.96	2.69	2.03	2.48	2.68	2.80	2.46
127	290549	2.11	1.27	1.31	2.00	2.26	1.77	1.78	1.74	1.63	1.75	2.26	1.54	2.39	2.06	2.10	1.83	1.69
128	290611	3.27	4.33	5.26	4.57	4.36	4.25	3.68	3.10	2.63	2.81	2.39	2.92	2.08	1.69	1.87	1.58	1.38
129	290613	5.25	5.34	3.56	4.25	3.62	1.97	1.61	1.16	1.16	1.21	1.77	2.68	1.73	1.94	1.78	1.40	1.82
130	290629	3.22	4.34	5.16	4.28	3.43	2.83	1.71	2.10	1.49	1.64	1.55	1.37	1.71	1.29	1.81	3.55	4.06
131	290715	10.27	10.63	12.48	12.24	11.40	10.28	6.12	6.42	7.48	8.78	7.37	6.21	5.04	5.43	4.90	3.75	4.32
132	290920	2.75	7.05	2.42	2.30	9.67	6.11	4.97	1.60	2.16	2.74	2.72	3.43	2.86	3.48	4.49	3.62	4.00
133	290930	1.31	1.51	1.65	1.77	1.45	1.37	1.64	1.44	2.12	2.15	1.75	1.77	1.98	2.31	2.22	1.71	1.39
134	291221	1.02	2.67	3.25	3.44	3.68	3.45	1.81	2.38	2.16	2.66	1.92	2.84	2.77	3.67	3.54	2.68	1.59
135	291241	10.45	10.70	11.52	9.00	9.23	9.37	6.57	7.40	7.85	7.47	7.08	6.01	5.74	5.85	5.17	4.37	4.31
136	291242	9.53	9.03	9.74	5.82	3.44	3.15	1.93	2.42	2.39	2.49	2.75	3.17	3.20	3.76	3.51	2.98	3.08
137	291249	2.72	3.84	2.96	3.21	2.84	2.83	2.74	3.18	3.24	3.27	2.81	2.47	2.37	1.91	2.39	1.54	2.56
138	291429	1.43	1.41	2.11	1.98	1.76	1.46	1.31	1.29	1.56	1.29	1.50	2.00	2.05	1.76	1.76	1.71	1.44
139	291439	4.58	4.97	6.34	6.71	6.68	6.01	5.04	4.60	4.45	4.12	4.90	5.27	5.36	5.03	4.94	3.79	3.48
140	291461	18.03	17.26	19.32	19.14	16.72	13.46	10.87	9.68	9.36	9.18	8.02	7.41	6.20	6.55	6.68	5.44	4.61
141	291469	2.48	2.65	2.09	2.42	2.55	2.08	1.47	1.02	1.55	1.04	1.39	1.54	1.59	1.66	1.67	2.79	3.18
142	291470	1.92	2.74	1.33	2.13	1.75	1.57	1.23	1.55	2.07	2.16	1.92	1.46	1.26	1.33	1.40	1.71	1.82
143	291619	2.03	2.86	2.75	3.29	4.70	5.49	4.05	4.84	5.14	4.99	4.32	4.49	4.05	3.82	3.36	3.35	3.43
144	291631	1.41	1.99	2.48	3.30	3.24	2.64	2.42	2.13	2.04	1.87	1.91	1.64	1.41	1.48	1.74	1.52	1.40
145	291639	2.09	2.11	1.94	3.61	3.27	2.32	2.28	2.23	2.39	2.71	2.88	3.40	3.17	3.17	3.69	3.30	3.15
146	291711	10.03	9.69	9.43	6.46	5.80	7.00	8.21	8.33	7.45	6.90	6.02	7.42	6.03	5.27	4.61	3.92	3.66
147	291713	9.61	9.63	12.18	10.01	7.89	6.82	6.93	6.87	6.46	5.92	5.27	5.17	4.70	5.40	5.06	3.82	3.59
148	291719	1.65	2.30	2.20	2.13	2.28	1.71	1.86	2.28	2.61	2.70	2.56	2.57	2.18	2.39	2.48	2.51	2.13
149	291814	11.62	9.89	11.01	11.77	9.91	9.19	9.28	7.96	7.32	7.10	6.76	6.87	5.87	5.89	5.93	4.78	4.49
150	291815	4.48	5.25	6.23	6.56	5.34	3.20	3.33	3.64	2.99	2.98	3.18	3.57	2.89	2.70	2.69	2.38	2.13
151	291816	3.39	3.94	4.86	5.99	4.16	3.08	2.68	3.18	3.21	3.64	3.99	4.63	4.41	4.50	4.37	3.56	3.52
152	291821	3.80	3.82	3.13	3.01	4.13	2.92	3.83	2.67	2.79	2.58	2.38	2.44	2.54	2.59	2.49	2.41	2.43
153	291822	7.38	7.78	7.74	6.86	6.18	5.30	5.33	4.38	4.23	3.84	2.90	3.04	2.61	2.49	3.11	2.39	2.45

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
154	291823	2.65	2.84	1.97	3.42	2.88	2.99	2.43	2.61	2.33	1.94	1.76	2.20	1.77	2.17	2.50	2.06	1.95
155	292010	1.96	1.23	1.01	1.82	1.26	3.25	2.67	3.88	3.52	4.33	4.41	5.87	2.74	2.89	3.12	2.53	2.14
156	292142	7.22	6.34	4.90	3.57	3.83	5.43	4.95	4.86	4.09	4.05	4.23	4.73	3.55	3.91	3.60	2.98	3.08
157	292144	1.51	1.50	1.96	3.30	4.25	1.37	1.80	2.62	4.42	4.19	4.58	6.10	5.06	4.90	4.57	3.62	3.36
158	292159	1.72	1.53	2.36	1.83	1.80	3.10	3.31	1.93	3.06	3.21	3.01	4.08	3.37	3.19	3.22	2.68	2.54
159	292221	9.69	8.53	8.23	9.09	7.15	7.20	7.12	9.17	6.99	6.66	6.32	6.62	6.51	6.28	5.94	4.71	5.00
160	292229	1.63	1.79	1.38	1.72	1.78	1.65	1.88	2.23	3.24	3.28	3.53	3.89	3.13	3.75	3.61	2.70	2.80
161	292243	1.70	2.83	2.58	4.26	2.46	2.95	7.57	8.10	7.25	5.78	4.61	3.09	2.93	1.81	2.89	3.10	2.93
162	292511	10.90	11.54	13.52	12.94	11.52	9.67	9.10	7.68	5.77	5.86	5.53	5.11	3.95	3.87	4.11	3.72	3.75
163	292620	12.36	11.79	10.15	9.30	9.87	7.45	6.45	4.87	4.53	4.17	3.65	4.43	3.25	3.82	4.49	4.61	4.29
164	292700	2.34	2.11	2.16	2.24	2.76	3.11	2.73	3.06	3.25	3.33	3.29	3.51	3.62	3.47	3.26	2.69	2.69
165	292990	2.98	3.98	5.54	7.17	4.82	4.23	4.34	4.57	3.19	2.14	2.08	4.16	2.16	1.66	1.88	3.27	3.14
166	293212	14.11	16.41	13.58	13.03	6.39	5.34	3.97	4.71	4.35	2.51	4.78	6.09	3.47	3.15	4.13	4.79	3.48
167	293213	8.95	7.81	7.74	7.74	7.53	6.28	8.19	8.56	8.54	7.19	7.39	7.74	5.20	5.85	6.55	4.91	4.48
168	293293	11.28	12.45	16.00	13.20	10.91	11.57	9.86	9.07	8.71	7.43	7.61	7.11	6.81	6.84	6.41	5.17	4.95
169	293331	1.27	1.23	2.06	3.71	4.01	3.34	2.93	2.04	1.48	1.80	1.41	1.99	2.03	1.66	2.78	1.37	1.21
170	293361	2.00	2.53	1.97	2.54	3.10	2.40	3.25	2.70	3.01	2.70	2.94	4.39	2.42	2.42	2.85	2.22	2.21
171	293622	2.60	2.97	3.21	3.34	3.32	2.58	3.20	3.67	3.78	3.37	3.52	3.56	3.26	3.48	3.84	3.42	3.32
172	293623	1.25	1.08	1.15	1.33	1.82	2.30	2.26	2.32	1.97	2.10	2.50	3.01	1.95	2.10	2.12	1.60	1.91
173	293626	3.54	4.64	3.90	3.79	4.14	3.80	4.00	3.91	4.24	3.54	3.46	3.62	3.24	3.36	3.91	3.01	2.85
174	293627	5.48	6.37	7.45	7.21	5.78	4.74	6.16	5.68	5.20	4.26	4.18	5.91	5.53	5.53	5.25	4.08	3.84
175	293628	3.10	3.50	4.38	4.24	3.70	3.99	4.12	4.14	3.09	3.22	2.60	3.94	3.19	3.34	3.53	3.96	3.91
176	293721	6.27	6.09	7.45	8.16	8.33	6.35	5.93	5.22	4.48	4.32	3.53	4.46	3.42	4.35	4.91	4.53	3.97
177	293792	2.40	3.05	3.76	4.38	5.40	4.15	2.26	2.64	1.67	1.64	1.50	1.84	2.15	2.63	2.42	2.24	2.66
178	293890	5.84	6.14	4.86	4.36	3.28	3.01	3.48	2.87	3.31	4.53	3.63	3.73	4.66	4.11	4.23	3.56	3.21
179	293930	6.72	6.32	7.90	6.80	5.85	5.33	4.10	4.16	4.70	5.29	4.91	4.51	4.40	3.93	3.26	3.14	2.71
180	294110	1.53	1.37	2.08	1.93	2.44	2.68	2.14	2.17	2.29	2.81	3.33	3.15	2.59	2.80	2.77	2.82	2.60
181	294120	1.89	2.33	9.88	10.71	10.95	11.22	9.07	8.61	6.87	5.08	4.61	6.89	5.84	6.67	6.05	5.41	4.80
182	294130	5.66	4.70	5.33	2.59	3.25	3.88	2.61	2.67	2.71	3.01	4.04	1.89	3.59	4.20	4.86	4.06	3.81
183	294140	17.13	16.77	13.61	13.32	12.32	9.40	8.57	9.04	8.57	8.27	7.56	8.02	8.14	7.63	6.87	5.75	5.23
184	294190	1.62	1.57	1.38	1.46	1.33	1.18	1.18	1.23	1.20	1.42	1.54	1.72	1.76	2.00	1.11	1.30	1.21
185	300190	3.28	3.46	2.52	2.26	1.84	1.73	2.13	1.78	1.55	1.18	1.28	1.60	2.25	2.59	1.69	1.30	1.31
186	300590	6.33	6.09	5.16	5.08	4.58	3.74	3.28	3.16	2.84	2.40	2.34	2.65	2.22	1.97	2.28	2.00	1.88
187	310310	1.76	2.04	4.10	1.99	1.53	2.36	2.32	2.78	2.43	2.02	2.12	2.11	2.56	2.25	4.08	2.99	1.94
188	320411	6.73	6.28	6.83	6.81	6.15	5.78	4.69	4.56	4.61	4.21	4.48	5.24	4.79	4.22	4.35	3.56	3.92
189	320413	5.75	5.10	5.33	4.62	4.75	4.41	3.96	3.67	3.93	3.89	3.82	4.01	2.84	2.65	2.61	2.32	2.44
190	320415	4.53	4.44	4.15	4.84	7.57	5.41	4.00	4.07	4.70	3.70	3.84	4.61	4.27	4.43	4.34	3.76	3.65
191	320642	10.59	11.19	11.77	10.85	10.15	10.14	8.14	6.64	5.81	5.46	4.78	3.99	3.16	2.39	2.79	2.17	1.85
192	321310	1.88	2.13	5.05	5.54	5.71	5.43	4.58	4.52	4.98	4.17	3.30	3.02	3.34	3.67	3.73	3.38	3.26
193	330129	2.77	2.44	2.90	2.60	2.39	1.93	1.33	1.38	1.38	1.43	1.17	1.02	1.09	1.24	1.27	1.15	1.17
194	330741	9.44	7.85	6.51	6.50	5.75	5.34	4.67	4.35	3.37	3.13	2.88	2.35	2.14	2.27	2.60	2.11	2.37
195	340600	4.11	4.31	5.00	4.92	4.65	4.66	4.14	4.36	3.91	3.46	3.07	2.63	1.89	1.80	1.88	1.58	1.37
196	360410	19.09	19.63	19.58	17.66	16.07	14.62	13.05	11.60	10.83	9.72	8.85	8.21	7.58	7.11	7.23	6.02	5.95
197	380210	4.43	4.31	4.76	4.43	3.97	3.65	3.20	3.37	2.79	2.50	2.41	2.50	1.99	1.84	1.87	1.51	1.62

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
198	380610	12.27	12.26	12.54	11.51	11.25	10.56	8.33	8.12	8.41	7.25	5.96	5.88	4.58	5.13	4.90	2.96	2.83
199	380690	5.81	3.47	3.68	3.65	3.50	2.33	1.90	2.64	3.08	3.93	4.51	4.11	4.26	3.64	3.20	2.33	2.30
200	382430	1.68	2.31	1.85	1.13	1.90	1.36	1.66	2.28	2.68	2.69	2.33	2.27	1.94	2.20	2.65	1.85	2.08
201	391890	1.87	4.77	4.57	2.94	3.76	4.87	4.49	4.54	5.08	5.35	4.72	4.85	3.73	3.89	4.08	3.82	3.88
202	392321	3.23	3.54	3.12	3.48	3.64	3.45	3.26	3.14	3.10	3.00	2.74	2.69	2.36	2.25	2.15	1.99	1.92
203	392329	4.50	5.00	3.59	2.68	2.37	2.21	1.89	1.72	1.62	1.46	1.27	1.19	1.22	1.14	1.41	1.47	1.51
204	392340	1.63	6.74	6.56	4.02	4.28	3.39	2.65	2.18	1.75	1.54	1.33	1.37	1.50	1.40	1.47	1.69	1.41
205	392410	2.47	2.93	2.91	3.00	3.10	3.26	3.16	3.27	3.27	3.26	2.84	2.54	2.42	2.67	2.75	2.67	2.68
206	392490	4.29	5.34	5.84	5.81	5.40	5.26	4.74	4.74	3.81	3.39	2.90	2.23	2.25	2.40	2.29	2.37	2.85
207	392530	6.20	5.97	6.18	5.11	5.20	4.94	4.75	3.76	3.65	3.34	3.09	3.12	3.45	3.45	3.45	3.14	3.18
208	392610	2.57	2.59	2.80	3.33	3.23	3.36	2.96	3.15	3.23	3.38	3.21	3.42	3.53	3.76	3.81	3.43	3.51
209	392620	10.15	11.02	10.29	8.74	8.45	7.77	7.09	6.76	6.84	6.71	6.01	6.29	5.32	5.43	5.62	5.10	5.00
210	392640	15.48	16.58	17.71	16.85	15.24	13.60	11.75	10.66	9.70	8.87	7.63	7.81	7.26	6.97	7.16	6.34	6.29
211	392690	2.86	2.45	2.09	1.94	1.74	1.63	1.37	1.30	1.30	1.27	1.07	1.05	1.02	1.07	1.18	1.25	1.34
212	401150	7.91	6.82	5.26	4.28	3.98	3.56	3.11	3.16	3.05	3.08	3.16	2.83	2.50	2.56	2.45	2.14	2.26
213	401320	10.67	9.73	8.27	6.96	6.41	6.19	5.53	5.33	5.24	4.88	4.35	4.95	4.23	4.04	3.92	3.70	3.72
214	401390	2.50	3.03	3.17	2.52	2.88	3.09	2.61	2.29	2.35	2.16	2.40	3.57	3.36	3.40	3.71	3.55	3.42
215	401691	1.05	1.24	1.29	1.50	1.45	1.40	1.26	1.50	1.57	1.70	2.06	1.93	1.75	1.67	1.66	1.36	1.16
216	401692	5.32	5.86	6.89	5.29	5.85	6.30	5.71	5.72	6.09	6.04	5.94	6.53	5.92	5.94	6.03	5.10	5.15
217	401694	2.49	1.50	2.10	1.80	1.72	1.73	1.39	1.18	1.56	1.14	1.36	1.70	1.33	1.69	1.72	1.82	2.26
218	420100	3.38	3.48	3.87	4.33	4.53	3.77	3.22	3.44	3.16	3.05	2.63	2.31	2.24	2.53	2.72	2.68	2.50
219	420211	12.75	12.41	10.36	9.54	9.08	8.70	6.97	6.38	5.00	4.49	4.21	4.23	3.98	3.92	3.23	2.92	2.49
220	420212	17.29	17.63	15.98	13.79	12.79	12.52	11.44	10.43	9.50	8.87	8.15	8.20	7.48	7.22	7.19	5.92	5.69
221	420221	1.96	1.93	2.06	1.97	1.51	1.55	1.24	1.25	1.50	1.52	1.38	1.97	1.99	2.08	1.87	2.34	1.53
222	420222	9.21	9.14	9.36	9.38	8.96	8.30	6.89	6.32	5.92	5.53	5.12	4.90	4.27	4.18	4.38	4.52	4.34
223	420231	4.66	5.27	5.02	4.11	3.31	3.34	2.52	2.01	1.86	1.94	1.66	1.76	1.57	1.60	1.25	1.18	1.17
224	420232	10.56	12.13	11.55	10.43	9.00	7.96	6.31	5.96	5.52	5.45	5.01	4.80	4.42	5.05	5.41	4.72	4.50
225	420239	4.68	5.33	4.31	4.40	3.73	2.32	2.22	2.78	1.99	1.76	1.46	2.22	1.93	1.72	1.77	1.38	1.15
226	420292	3.60	3.62	3.19	3.38	3.39	3.41	3.36	3.22	3.00	2.78	2.72	3.34	3.23	3.83	4.30	4.26	4.12
227	420299	1.43	1.55	1.74	1.48	1.49	1.47	2.63	3.40	3.66	3.43	4.28	4.15	3.42	2.97	2.18	1.38	1.38
228	420310	12.07	11.23	10.61	11.00	9.98	8.96	7.95	6.99	6.03	4.50	3.23	2.45	2.15	2.12	1.50	1.51	1.12
229	420321	9.59	9.71	7.15	5.81	5.27	5.14	3.60	3.68	3.29	3.00	2.43	2.07	1.94	1.82	1.63	1.34	1.20
230	420329	17.15	16.45	16.45	16.61	15.78	14.66	12.41	8.56	7.15	6.51	5.55	4.89	4.78	4.99	4.81	3.84	3.53
231	420330	4.43	3.82	4.45	4.96	4.61	4.13	3.77	3.71	3.15	2.85	2.53	2.33	2.26	2.21	2.01	2.40	1.67
232	420500	2.04	1.72	1.67	1.85	3.23	3.62	2.98	2.89	2.60	2.78	2.51	1.97	1.52	1.44	1.35	1.22	1.28
233	430211	2.11	2.91	5.08	6.61	6.14	5.13	5.09	6.31	4.76	4.35	3.73	3.93	5.08	4.16	3.70	3.27	3.43
234	430310	2.83	3.10	3.41	3.65	3.91	3.73	5.72	8.53	8.46	3.98	2.86	2.40	4.63	5.04	4.79	4.62	4.39
235	430390	10.20	10.50	11.64	12.87	12.99	11.40	10.31	10.43	9.31	7.88	6.99	6.49	6.88	6.85	7.22	5.98	5.31
236	430400	4.40	4.24	7.10	4.37	5.21	6.97	5.71	5.26	5.24	5.63	4.98	3.14	2.49	2.72	2.51	2.65	2.40
237	441400	3.75	3.51	3.47	3.29	3.70	3.56	3.74	3.89	4.26	4.24	3.82	3.69	3.66	3.89	3.76	3.43	3.27
238	441820	1.16	1.15	1.40	1.28	1.05	1.06	1.18	1.34	1.46	1.65	1.53	1.46	1.47	1.63	1.55	1.51	1.30

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
239	441900	13.85	13.31	10.85	9.82	10.02	9.32	8.50	7.62	7.46	7.01	5.58	5.32	5.41	5.26	5.20	4.43	4.31
240	442010	9.22	9.60	9.32	8.69	8.89	7.60	6.76	7.38	6.38	5.26	4.80	4.40	4.67	4.80	4.67	4.50	4.26
241	442090	4.88	5.71	5.55	5.45	5.10	5.04	4.62	4.63	4.47	4.21	3.12	3.11	2.57	2.64	2.60	2.41	2.60
242	442110	9.85	9.01	9.47	8.89	9.40	8.64	8.05	7.66	7.51	7.14	6.88	6.40	5.94	5.83	5.64	5.01	4.60
243	442190	3.67	3.58	3.98	3.98	4.13	3.92	3.34	3.21	3.07	3.16	2.59	2.27	2.52	2.71	2.69	2.53	2.41
244	460120	20.57	20.30	19.87	16.43	14.91	12.09	10.57	9.70	9.34	8.75	8.36	8.77	7.94	7.24	7.44	6.14	6.15
245	460191	15.83	14.44	11.64	14.76	11.51	9.47	9.20	8.58	7.80	6.45	5.77	6.87	6.43	6.11	6.17	5.57	5.78
246	460199	13.23	11.87	10.32	6.50	3.06	3.43	1.96	2.48	4.48	4.94	4.82	5.28	3.72	3.68	3.67	3.57	3.61
247	460210	18.62	18.50	16.05	12.41	11.42	10.84	9.84	8.91	7.85	7.44	7.25	7.71	6.66	6.32	6.48	5.55	5.34
248	460290	6.72	6.97	6.89	5.72	6.69	4.61	4.21	4.07	3.77	3.74	4.40	5.50	4.72	4.40	4.40	4.75	4.75
249	481730	5.45	5.37	5.32	5.39	6.16	5.47	4.45	3.25	3.83	3.55	2.86	2.89	2.85	2.08	2.87	1.68	1.84
250	481940	2.21	2.28	2.31	2.46	2.60	2.35	2.11	2.09	2.26	2.40	2.32	2.33	2.27	2.49	2.74	2.81	2.47
251	482010	3.17	3.55	3.07	3.00	2.98	3.34	3.27	3.27	3.46	3.02	2.98	2.70	2.87	3.18	3.48	3.32	3.07
252	482050	4.54	5.91	6.06	4.94	5.46	5.32	4.42	4.36	4.39	3.68	3.95	4.08	4.66	4.75	5.20	4.25	3.95
253	482090	2.80	1.84	2.49	2.77	2.64	2.77	2.61	2.92	2.29	2.50	2.48	2.21	2.05	1.58	1.83	2.16	1.99
254	482390	2.68	2.21	1.96	1.88	1.65	1.13	1.18	1.64	1.95	1.86	1.72	1.52	1.44	1.59	1.94	1.95	2.03
255	490300	3.86	4.98	6.23	6.26	5.98	5.66	5.41	5.45	5.52	4.92	4.27	3.69	4.21	4.19	4.78	4.72	4.23
256	490900	1.06	1.22	1.21	1.17	1.39	1.59	1.71	2.29	2.52	2.54	3.05	3.80	3.61	3.66	4.13	3.67	3.56
257	491000	1.72	1.77	1.52	1.77	1.68	1.63	1.34	1.49	1.54	1.83	2.10	2.56	2.16	2.18	2.51	2.21	2.24
258	500200	20.44	21.18	22.30	20.34	18.78	16.46	13.82	11.65	10.74	8.69	9.32	9.39	8.45	7.88	7.66	6.50	6.19
259	500390	15.00	15.00	16.29	16.10	12.99	10.03	9.55	8.52	7.92	6.75	6.66	6.72	5.13	4.68	4.35	3.85	3.51
260	500400	7.74	10.62	10.45	11.51	9.00	7.51	6.50	5.28	4.75	4.03	3.54	3.77	4.58	4.44	3.92	3.59	3.02
261	500500	19.17	18.03	17.71	17.57	15.80	13.74	12.66	11.60	10.51	9.85	7.96	7.99	7.90	7.20	7.01	6.08	5.44
262	500710	4.54	5.51	5.71	5.61	3.92	3.18	2.65	2.01	2.24	2.71	2.09	1.01	1.31	1.73	2.10	1.82	1.61
263	500720	7.72	7.09	6.64	6.45	5.99	5.22	4.80	4.73	4.65	4.52	4.08	3.82	4.04	4.30	4.43	4.35	3.61
264	500790	1.27	2.09	2.18	2.40	1.74	1.28	1.38	1.25	1.27	1.40	1.22	1.32	1.97	1.96	1.71	3.14	1.98
265	510510	4.79	3.06	4.03	2.63	1.80	2.10	3.77	4.15	4.70	5.38	3.49	2.14	1.91	5.36	3.77	1.86	2.70
266	510530	17.32	13.98	15.64	13.96	12.66	13.59	11.46	9.78	7.77	6.38	5.83	7.13	5.82	5.76	5.96	5.58	4.35
267	510540	9.70	9.35	11.69	4.42	3.25	4.62	3.52	3.76	3.24	4.71	6.48	8.23	7.01	8.16	8.27	6.41	6.54
268	510610	5.89	5.33	4.67	5.86	4.89	4.28	3.79	2.97	2.19	2.32	2.07	2.11	1.62	1.78	1.83	2.13	1.36
269	510620	3.64	2.24	2.99	3.14	3.85	2.84	2.42	2.42	1.84	1.55	1.24	1.42	1.35	1.20	1.41	1.91	1.43
270	510710	5.05	5.09	5.41	5.51	5.11	4.42	3.68	3.36	3.32	3.06	2.73	2.95	2.89	3.11	2.39	2.56	1.84
271	510720	2.31	2.35	3.22	2.30	2.76	2.12	1.88	1.54	1.79	1.20	1.11	1.22	1.01	2.11	1.83	1.62	1.10
272	510810	12.80	12.45	15.99	16.31	13.66	11.09	12.42	8.47	8.16	8.37	7.50	7.87	7.22	6.72	6.30	6.03	5.59
273	510820	9.85	5.09	11.83	11.51	6.48	3.67	5.47	6.89	6.81	5.79	4.31	4.02	5.83	5.77	5.69	6.01	4.52
274	511220	1.03	1.14	2.11	1.54	2.72	3.03	3.71	3.08	2.74	2.42	2.08	1.61	1.42	1.33	1.35	2.13	1.04
275	511300	8.00	3.50	10.71	3.85	5.26	3.10	2.96	6.38	6.03	6.21	5.71	5.97	4.46	3.53	4.08	3.18	2.11
276	520524	3.71	1.92	2.41	3.43	2.82	4.56	5.09	4.64	4.30	4.60	3.66	4.18	4.04	2.88	2.41	1.56	2.11
277	520532	7.38	6.74	8.18	8.76	8.91	8.50	5.39	5.15	3.61	2.16	2.37	2.19	2.12	1.39	1.18	1.41	1.16
278	520534	5.90	1.95	3.91	6.31	5.45	9.66	11.62	9.71	9.84	10.06	8.47	8.93	8.14	6.89	6.61	5.14	4.91
279	520542	7.21	9.59	11.58	14.39	15.57	14.25	12.01	9.91	9.86	9.35	7.55	7.63	6.97	6.57	5.85	4.80	4.47

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
280	520543	3.42	2.85	4.41	6.32	5.74	7.67	5.67	4.75	6.75	7.50	6.95	7.20	5.82	5.37	4.72	3.76	3.39
281	520544	5.45	5.38	7.69	8.88	10.45	10.71	10.32	9.41	9.01	8.62	7.13	7.23	6.14	4.93	4.02	3.13	3.06
282	520614	2.48	6.75	17.33	13.01	16.03	11.76	8.17	8.30	8.71	3.42	6.70	6.56	5.75	4.49	4.72	3.55	3.54
283	520632	6.12	7.54	3.38	6.42	7.52	6.57	7.14	6.25	7.59	7.37	7.85	8.00	7.03	6.49	5.54	4.97	5.78
284	520642	6.76	3.05	2.61	4.45	10.01	10.28	10.45	9.64	7.94	7.10	6.94	6.41	5.10	5.18	4.69	4.70	6.56
285	520811	2.94	1.89	2.73	2.17	1.44	1.55	1.97	1.43	1.64	2.60	1.28	1.26	3.53	4.84	5.96	5.53	6.09
286	520812	8.96	8.11	8.93	7.37	5.64	4.81	5.53	5.19	5.21	4.60	4.50	4.38	4.62	4.95	4.67	3.68	3.71
287	520813	9.12	9.13	8.64	9.67	8.19	9.26	8.24	5.70	6.23	4.18	4.74	3.62	3.52	3.43	2.31	2.04	2.07
288	520819	5.70	3.82	4.56	4.85	3.83	4.80	1.78	2.29	2.17	2.75	2.17	2.11	4.50	5.25	5.42	4.23	4.48
289	520821	2.51	2.35	2.82	2.53	2.63	2.51	2.18	1.58	1.68	2.99	2.53	2.73	3.70	3.69	4.04	3.01	3.11
290	520822	3.22	3.06	4.76	5.28	4.78	4.62	4.17	3.40	2.94	2.69	2.36	3.04	2.88	3.34	3.50	3.01	3.04
291	520829	2.56	3.28	5.65	5.97	5.41	4.25	4.18	3.51	3.62	3.45	4.13	3.36	3.37	3.34	4.07	3.48	3.49
292	520831	6.20	3.76	3.96	2.24	1.47	2.01	1.76	1.29	2.75	2.75	2.40	2.62	2.71	2.55	2.42	1.59	1.70
293	520832	6.30	5.53	5.24	4.93	4.42	4.26	4.17	4.03	3.91	4.13	3.96	4.27	3.91	4.06	3.59	3.05	3.28
294	520833	11.51	9.91	9.72	9.47	7.31	5.63	4.27	3.06	2.67	2.33	2.33	2.45	2.40	2.33	2.53	2.60	2.06
295	520839	4.14	4.63	5.20	5.10	5.71	6.81	6.73	5.53	5.43	5.72	5.07	5.59	5.19	5.52	5.34	4.80	4.50
296	520842	7.23	6.98	8.03	7.42	6.95	6.25	5.78	5.72	5.84	5.68	5.48	5.71	5.48	5.61	5.67	5.16	5.03
297	520843	9.07	9.19	8.78	8.14	8.09	7.20	6.62	5.96	5.06	4.41	3.87	3.12	4.17	5.19	5.20	5.14	5.09
298	520849	2.05	1.87	1.97	1.76	1.36	1.11	1.18	1.56	1.38	1.90	1.52	1.65	1.65	1.98	1.95	2.19	2.29
299	520851	5.60	4.62	3.74	3.59	3.89	3.71	3.19	3.14	3.03	3.29	2.57	3.01	2.65	1.73	2.10	1.31	1.51
300	520852	2.37	1.64	1.65	2.95	3.60	3.95	4.78	5.04	5.23	4.93	5.62	6.28	5.50	5.44	5.42	4.56	4.37
301	520859	2.34	2.23	2.54	1.58	2.12	2.33	1.89	2.12	1.98	1.64	1.85	2.37	2.50	2.90	3.35	3.32	2.99
302	520919	4.13	3.07	3.30	2.95	3.79	3.72	4.56	5.64	4.61	4.81	3.24	2.65	2.81	2.32	2.74	2.86	2.69
303	520929	2.24	2.70	2.63	3.29	2.06	2.76	2.79	2.88	2.65	2.04	2.34	3.11	2.62	3.00	3.32	3.44	3.04
304	520931	3.78	4.30	5.38	4.81	4.56	4.63	4.73	3.81	3.34	1.24	3.06	2.94	3.02	3.50	3.39	2.71	3.45
305	520932	3.40	4.67	5.30	6.09	5.35	5.10	4.38	4.06	3.78	3.67	3.18	2.93	2.96	2.68	2.12	1.89	1.91
306	520939	2.29	3.00	3.40	2.50	2.27	3.81	4.52	4.58	4.87	4.71	4.45	4.37	4.19	4.34	4.51	4.32	4.29
307	520941	6.37	5.89	4.22	3.97	1.90	1.46	1.54	1.74	1.58	1.88	2.39	2.84	1.92	2.40	2.36	2.09	2.29
308	520942	2.93	2.77	2.55	2.38	2.62	3.22	2.61	2.15	2.49	2.41	2.17	2.55	2.38	2.43	2.29	1.81	1.65
309	520943	4.18	3.37	4.24	2.41	3.33	2.92	3.01	4.74	3.87	4.20	4.89	4.99	4.72	5.76	5.92	4.30	4.36
310	521011	11.73	6.23	4.53	2.50	2.11	3.55	3.02	1.55	1.92	2.17	1.76	1.84	2.67	3.22	3.10	2.09	2.17
311	521041	7.15	7.47	6.74	5.94	6.68	6.76	6.37	5.61	5.93	5.96	5.20	5.78	5.61	6.11	6.34	5.24	5.16
312	521142	2.21	4.11	5.18	4.74	4.42	3.91	4.11	2.79	3.61	5.40	4.30	4.79	4.45	4.77	5.02	4.56	4.62
313	521143	2.52	1.75	1.03	1.96	1.19	3.25	2.74	3.90	3.93	5.65	5.24	5.11	4.59	5.56	6.30	5.54	5.16
314	530610	4.19	3.37	3.38	3.87	2.39	2.34	1.77	2.70	3.76	3.93	3.61	3.59	4.10	4.41	4.76	5.02	4.34
315	530820	13.80	18.40	16.15	14.38	9.83	7.55	9.52	7.60	5.38	6.33	5.51	4.37	5.25	7.90	7.79	5.98	6.09
316	530890	20.65	20.22	15.58	16.00	16.39	13.08	10.58	7.47	5.44	4.27	3.98	4.19	2.92	4.50	6.21	4.79	3.49
317	530911	9.83	5.37	4.83	5.33	4.49	4.82	3.65	2.97	3.37	3.15	2.89	3.15	3.26	3.44	3.36	3.12	2.56
318	530919	4.55	4.13	2.84	3.23	2.97	3.30	2.72	2.18	2.28	2.38	2.03	2.24	2.29	2.39	2.52	2.81	2.16
319	530921	11.40	10.79	9.95	9.53	5.47	5.39	4.08	3.70	3.61	3.93	2.91	4.18	4.36	4.76	4.96	4.76	4.24
320	530929	5.00	6.24	6.41	7.79	7.28	5.98	4.54	3.53	3.59	3.45	3.01	3.00	3.14	3.65	3.80	3.76	3.12

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
321	531100	14.95	13.95	16.91	15.65	14.21	10.93	9.23	8.57	7.57	7.16	6.33	5.89	7.14	7.05	7.20	6.21	6.31
322	540120	2.18	2.25	2.28	2.83	3.32	2.72	2.03	1.98	1.38	1.45	2.90	5.81	5.90	5.64	6.12	5.27	5.16
323	540331	5.55	4.60	6.30	5.99	5.53	7.28	6.84	5.73	5.80	6.77	6.50	6.44	7.16	6.83	6.91	5.70	5.65
324	540349	2.60	2.85	2.66	3.05	4.71	4.51	3.30	3.98	3.03	3.00	2.87	3.91	4.16	3.86	2.83	3.38	2.88
325	540751	3.72	4.05	3.67	2.39	1.98	1.73	1.72	1.42	1.89	2.87	3.17	3.61	3.35	3.69	4.06	4.64	5.14
326	540752	2.09	2.07	2.30	2.91	3.97	5.78	6.67	7.14	6.93	6.35	5.90	6.03	5.57	5.33	5.63	4.75	5.37
327	540754	2.56	1.34	1.44	2.76	5.05	8.73	9.54	8.96	6.79	6.71	5.85	6.11	5.40	5.74	6.13	5.35	5.37
328	540772	2.28	2.03	1.65	1.67	2.46	2.30	3.44	4.14	3.72	3.06	2.02	1.68	2.38	1.88	2.45	2.04	1.97
329	540821	2.21	2.14	1.65	1.56	1.98	3.33	2.82	2.28	1.54	1.89	2.07	2.14	2.30	2.85	3.19	2.24	1.98
330	550390	3.61	4.03	4.28	4.09	5.37	4.43	4.64	3.45	3.84	3.71	3.52	3.10	1.91	1.91	2.02	1.70	1.71
331	550810	11.86	11.53	11.03	9.98	9.14	8.02	7.27	6.87	6.40	6.15	6.10	6.29	5.91	5.50	5.78	4.60	4.76
332	550932	5.93	5.50	5.38	5.24	5.29	5.21	4.63	4.08	3.64	3.69	3.64	3.61	3.48	3.18	2.85	2.46	2.31
333	550961	4.49	3.96	3.84	4.19	4.42	4.29	3.64	3.17	3.37	3.08	2.25	2.33	2.00	1.93	1.94	2.45	1.18
334	550962	7.18	6.52	6.78	7.03	8.33	6.13	5.38	5.25	4.53	4.40	3.81	3.31	3.19	3.33	3.86	2.78	2.70
335	550969	2.70	3.00	3.42	2.28	2.77	3.01	3.70	4.08	3.76	3.62	3.41	3.48	2.93	2.81	3.86	3.17	3.07
336	550991	4.41	6.15	4.30	2.74	2.73	1.98	1.85	1.75	4.75	3.78	3.22	2.72	1.33	2.38	7.97	6.60	5.24
337	551012	4.30	4.01	3.89	2.74	2.54	1.96	2.42	2.71	2.59	2.57	2.51	3.13	3.33	3.33	3.35	2.69	2.80
338	551020	12.53	6.62	7.15	7.88	7.17	4.90	3.43	3.13	4.78	4.19	3.40	4.41	3.28	3.39	3.10	3.98	2.28
339	551030	5.82	7.33	6.19	7.49	5.86	5.34	3.45	2.84	3.99	3.15	2.67	2.86	2.47	2.29	1.79	1.76	1.64
340	551090	1.85	2.43	1.88	2.28	1.84	2.65	2.86	2.78	3.72	3.42	2.43	2.94	2.94	3.15	3.18	3.46	3.34
341	551211	4.45	5.23	7.24	7.38	4.34	2.89	2.88	2.12	2.28	2.97	3.31	3.73	4.86	4.49	4.91	4.24	4.88
342	551219	2.25	2.62	2.17	2.01	2.25	2.11	2.22	1.97	1.94	2.13	2.05	2.70	2.88	2.81	3.09	2.66	2.97
343	551311	11.51	11.13	12.95	12.50	10.90	9.31	7.84	6.59	6.32	5.92	5.07	5.53	4.61	4.25	4.30	3.63	3.72
344	551312	6.45	7.23	6.28	5.90	4.10	3.79	2.00	1.38	1.93	1.34	2.00	1.30	1.57	1.17	1.41	1.27	1.83
345	551313	7.42	2.73	4.97	7.03	7.25	3.27	3.26	3.88	5.41	5.43	4.84	4.10	4.61	4.53	4.51	4.09	4.57
346	551319	4.00	1.99	1.17	1.51	1.82	2.52	1.56	1.77	2.78	3.75	3.20	3.13	6.31	5.09	3.51	1.61	1.48
347	551321	10.80	12.31	9.98	9.50	9.06	7.46	6.30	6.14	6.32	6.33	5.61	5.98	5.67	5.31	5.85	4.67	4.81
348	551323	6.16	9.24	6.16	5.83	7.24	2.69	3.06	4.90	6.86	7.51	6.82	7.61	6.65	6.01	6.12	4.65	4.95
349	551329	6.95	6.44	4.31	7.31	6.07	2.21	3.30	5.26	5.45	6.24	6.79	7.05	5.55	5.59	4.75	3.31	2.58
350	551331	12.77	14.68	12.36	11.60	11.21	8.45	7.00	7.95	7.27	6.75	6.65	7.26	6.80	6.59	6.57	5.38	5.10
351	551339	8.12	11.75	8.43	1.63	1.37	1.68	2.61	3.04	2.35	2.29	3.59	3.91	3.36	3.53	3.81	3.29	3.59
352	551341	9.12	8.45	8.85	8.67	7.23	5.59	4.49	5.94	5.95	5.68	4.45	5.43	4.51	3.86	4.32	4.08	4.14
353	551349	3.39	4.33	4.00	2.59	1.63	1.02	1.22	2.08	1.61	1.24	3.48	3.42	4.21	5.48	5.27	4.95	4.31
354	551411	2.01	1.44	4.22	5.09	3.45	3.19	3.32	3.08	3.85	4.58	3.67	3.92	3.38	1.80	2.09	1.82	1.34
355	551412	1.68	2.07	3.68	4.05	2.64	2.34	1.89	1.89	2.94	1.46	1.96	2.58	1.64	1.96	1.83	1.68	1.59
356	551421	5.51	6.40	6.40	6.61	6.36	4.33	3.83	4.11	3.77	3.50	4.35	4.55	4.67	4.78	4.40	3.19	3.74
357	551423	7.37	3.94	2.87	10.61	12.25	7.31	3.30	5.31	4.16	6.13	7.00	7.93	7.29	7.25	7.29	5.88	5.79
358	551441	9.73	4.64	5.85	9.44	7.93	7.18	8.03	7.60	8.71	5.09	4.15	5.16	5.39	3.05	4.89	5.21	4.88
359	551443	1.03	1.63	1.04	1.54	3.54	2.46	2.01	1.85	3.34	6.50	5.85	6.60	4.84	4.88	4.99	4.11	4.95
360	551511	8.37	6.73	5.03	4.29	4.18	3.54	3.01	3.11	4.21	4.88	3.90	2.16	4.08	4.30	4.47	3.59	3.58
361	551611	14.53	14.67	13.72	12.49	10.95	9.45	6.39	5.29	5.39	4.85	4.03	4.58	5.64	5.82	5.48	4.60	4.53

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
362	551612	2.94	2.43	2.06	2.85	3.30	2.17	2.46	2.75	2.91	3.65	3.34	3.81	4.22	4.82	5.39	4.78	5.13
363	551613	1.85	2.65	4.61	5.30	3.90	7.26	7.27	6.20	8.98	7.95	6.58	7.79	6.59	5.07	4.54	4.97	4.01
364	551614	2.14	2.02	1.79	2.33	2.85	3.18	3.80	4.87	4.88	6.33	5.38	6.23	5.88	5.23	5.83	5.30	5.01
365	551621	1.93	1.45	1.13	2.10	1.77	3.76	3.50	4.86	3.56	2.65	3.18	3.95	3.93	2.64	4.16	2.44	2.29
366	551641	4.96	3.86	3.82	5.17	3.38	3.29	3.71	3.71	2.33	2.38	3.79	5.48	5.27	5.70	5.15	4.72	4.52
367	551642	1.37	1.46	3.53	4.14	6.46	2.62	1.54	1.59	2.27	2.20	1.50	2.67	2.58	2.29	1.44	1.83	1.77
368	551644	1.96	1.51	2.13	2.32	2.04	2.39	1.64	2.03	1.49	1.35	1.72	2.17	1.47	1.73	1.29	1.02	1.06
369	551691	6.33	4.47	3.86	3.33	2.92	5.35	6.59	6.02	6.09	5.52	5.39	5.64	4.45	4.69	4.27	4.59	4.50
370	560410	10.03	7.05	7.75	5.39	4.72	3.94	2.73	2.66	2.56	2.52	2.66	3.51	3.49	3.50	4.06	4.11	4.38
371	560749	2.05	2.05	1.65	1.42	1.29	1.19	1.15	1.20	1.37	1.71	1.80	1.99	2.12	1.89	2.01	1.81	1.58
372	560750	1.79	1.89	1.93	1.62	1.27	1.23	1.23	1.43	1.85	1.78	1.60	2.28	2.13	2.38	2.53	2.27	2.19
373	560790	3.99	2.91	3.94	2.81	2.34	1.74	1.77	1.41	1.53	1.42	1.36	1.99	1.86	1.56	1.78	1.95	1.92
374	560811	6.71	6.66	3.99	3.85	3.90	4.18	4.09	3.75	3.74	3.51	3.28	3.44	3.13	2.95	3.11	2.96	2.88
375	560819	3.72	2.54	3.24	2.51	2.00	1.58	1.54	1.49	1.63	1.81	1.76	2.21	2.36	2.66	2.44	2.44	2.69
376	560890	7.88	6.24	1.81	2.51	2.79	2.19	1.68	1.08	1.65	2.09	1.81	3.11	2.72	3.04	3.04	3.22	3.01
377	580121	7.94	6.72	5.90	4.73	3.43	2.46	5.41	5.09	4.34	4.58	7.02	9.27	7.45	7.10	7.68	6.33	5.75
378	580122	11.11	10.17	10.87	11.45	9.56	9.31	8.75	8.74	8.19	7.54	6.89	7.11	6.58	6.07	6.24	5.38	5.04
379	580123	12.48	11.29	10.96	12.91	11.87	10.04	8.60	7.37	7.73	8.00	9.79	9.80	8.37	7.21	7.93	5.92	4.90
380	580131	3.29	7.01	10.52	4.83	4.30	8.74	6.48	6.23	6.85	8.17	8.16	7.77	8.00	7.69	7.75	6.44	6.46
381	580132	6.85	5.97	6.05	6.54	3.46	2.06	2.24	1.72	2.90	5.43	7.51	7.52	6.44	5.36	5.74	5.07	5.17
382	580133	8.85	8.49	9.08	8.45	7.81	10.57	9.54	9.76	8.92	7.85	8.98	9.17	7.83	7.46	7.61	6.11	5.94
383	580135	2.87	3.39	3.45	2.90	2.41	2.00	1.45	1.13	1.23	1.28	1.73	1.72	1.82	2.00	2.38	2.63	2.74
384	580190	5.29	8.05	4.20	4.57	3.92	5.11	4.10	3.14	2.39	2.06	2.91	5.06	3.08	1.83	1.66	1.12	1.09
385	580230	3.92	6.25	4.85	3.96	4.61	6.13	4.71	4.41	5.69	4.72	8.75	8.23	7.77	6.03	5.60	4.22	4.30
386	580390	2.68	3.45	7.76	6.96	8.01	6.94	6.04	6.28	3.92	3.76	4.16	4.46	3.68	3.95	3.71	2.61	2.06
387	580421	2.14	1.86	1.84	1.85	1.83	2.16	2.21	2.86	2.99	3.28	3.32	3.40	3.58	3.61	3.68	3.66	3.63
388	580429	2.80	1.47	1.21	1.07	1.39	1.85	3.75	4.97	3.09	1.97	1.11	1.19	1.15	1.44	1.62	1.55	1.97
389	580430	6.53	6.06	5.23	2.83	2.91	1.35	2.18	1.73	2.62	1.86	2.27	2.50	2.94	3.05	3.32	2.37	3.64
390	580610	2.43	2.68	3.25	3.41	3.75	4.11	3.32	2.88	2.78	3.30	3.43	3.35	4.23	4.02	4.09	3.18	3.15
391	580620	5.04	3.64	3.37	2.80	2.93	2.56	2.17	1.93	1.96	1.94	1.95	2.14	2.04	2.22	2.48	2.56	2.79
392	580810	3.62	1.21	1.52	1.39	1.58	1.55	1.51	1.76	1.61	1.34	1.43	2.59	3.55	2.70	3.56	2.74	2.87
393	580890	1.17	1.24	1.04	1.21	1.20	1.75	2.38	2.95	3.34	3.22	3.12	3.45	3.34	3.37	3.83	3.62	3.44
394	581099	4.85	3.37	2.22	2.38	2.01	1.72	2.67	3.27	4.86	4.55	2.89	2.32	1.37	1.48	1.60	1.59	1.04
395	590190	5.67	5.99	8.70	7.32	7.00	6.72	6.44	6.41	6.17	5.51	5.04	6.05	5.65	5.69	5.87	5.10	4.90
396	590210	2.22	1.53	1.50	1.37	1.32	1.43	1.55	2.14	2.64	2.15	2.02	2.33	2.22	2.17	2.26	2.13	2.39
397	590900	2.77	1.54	1.67	1.65	1.89	2.03	1.95	2.44	2.07	2.01	1.93	2.36	2.14	2.22	2.67	2.12	1.94

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
398	600230	1.00	1.14	1.67	1.43	1.45	1.76	1.59	1.75	1.83	2.05	2.10	2.27	2.35	2.49	2.46	2.38	2.48
399	600292	7.15	7.65	7.60	7.18	6.44	7.17	5.94	5.37	5.03	5.05	4.72	4.34	4.14	3.90	3.83	3.32	3.35
400	600293	2.19	2.20	1.87	1.43	1.16	1.51	1.70	1.75	1.88	1.99	2.34	2.90	3.30	3.62	3.75	3.41	4.16
401	610120	2.41	7.44	4.66	4.22	5.36	2.09	1.38	1.21	1.69	3.87	3.92	4.49	3.78	3.29	2.82	2.77	2.30
402	610130	4.39	10.94	6.77	4.96	5.21	4.29	5.27	3.65	3.52	3.20	3.00	3.69	3.36	3.92	3.81	3.60	3.37
403	610230	3.33	5.30	4.99	4.93	3.96	4.39	4.26	3.35	3.61	4.17	4.08	3.71	2.80	3.36	3.80	3.53	3.08
404	610322	6.69	13.06	9.33	9.44	8.75	7.19	6.63	6.58	7.94	9.24	9.14	8.73	7.43	7.40	7.29	6.40	6.18
405	610323	14.43	22.02	20.41	16.00	14.62	13.98	13.03	12.15	10.71	10.08	9.44	9.32	8.50	7.90	7.89	6.33	6.00
406	610332	16.20	16.57	14.91	16.72	14.31	12.14	10.15	9.53	7.66	7.58	7.24	7.80	7.38	7.35	7.32	6.24	6.30
407	610333	17.81	18.45	17.89	17.04	15.22	12.71	11.31	10.82	8.95	8.59	8.20	8.56	7.78	7.35	7.44	5.87	5.88
408	610342	9.20	7.69	5.16	4.95	4.22	3.91	3.67	3.34	4.87	7.01	8.35	7.28	5.99	6.02	6.10	5.52	5.31
409	610343	9.02	11.66	11.42	8.99	7.54	6.63	7.13	7.20	6.53	6.77	6.98	6.89	6.29	5.91	5.79	5.07	4.93
410	610422	7.57	7.65	7.97	8.76	8.16	7.82	7.78	8.26	8.68	8.73	8.75	8.41	7.41	6.86	6.60	6.18	6.05
411	610423	12.85	16.28	18.36	15.08	13.55	13.16	12.67	11.89	10.55	9.70	8.85	9.10	8.51	7.92	7.82	6.41	6.20
412	610429	9.54	7.52	7.91	7.91	6.43	5.49	5.89	5.96	3.68	5.51	6.18	4.07	4.84	4.31	3.50	4.32	3.49
413	610431	3.42	2.95	4.43	3.96	3.50	4.27	4.79	4.31	2.84	2.99	2.60	3.15	3.19	2.92	2.75	2.62	2.20
414	610432	4.72	9.97	11.56	12.04	12.15	11.28	9.30	9.14	6.72	7.03	6.59	7.40	7.32	7.56	7.74	6.46	6.51
415	610433	9.17	14.76	16.95	15.27	13.44	12.39	11.76	11.29	7.34	7.87	7.51	8.05	7.67	7.31	7.35	6.16	6.18
416	610439	12.89	13.64	13.26	13.59	13.09	11.84	10.38	8.25	4.39	4.39	4.66	3.88	3.75	3.40	3.37	3.82	3.59
417	610443	4.46	5.86	2.88	2.65	2.42	2.23	2.10	2.15	3.33	4.93	3.71	4.57	3.83	3.92	4.30	4.15	3.99
418	610452	3.59	2.63	2.97	2.60	2.28	2.89	2.73	3.05	3.46	5.11	4.64	5.57	5.24	6.22	6.51	5.60	5.86
419	610453	4.71	3.73	5.42	4.52	3.75	4.44	4.60	4.79	3.79	5.13	5.02	5.84	5.84	5.52	5.69	5.12	4.89
420	610459	1.49	4.45	3.67	3.94	2.34	2.41	1.91	2.12	1.50	1.79	2.08	1.90	2.00	2.11	2.35	2.70	2.92
421	610462	4.42	4.67	1.83	2.17	2.27	2.87	2.84	3.29	4.20	6.05	7.34	5.27	4.44	4.77	5.09	4.93	4.77
422	610463	8.19	7.31	6.04	4.40	3.96	4.45	5.14	5.62	5.21	5.91	5.71	5.50	5.32	5.25	5.40	4.94	4.85
423	610469	3.73	7.56	4.53	3.91	3.75	3.37	2.67	2.40	1.32	3.70	4.79	1.43	1.12	1.17	1.20	1.94	2.08
424	610711	9.33	7.18	4.80	4.44	4.24	3.66	3.35	2.98	3.15	3.53	3.64	4.16	3.37	3.51	3.33	3.41	3.39
425	610712	5.27	10.92	9.81	4.95	2.69	2.99	3.73	4.03	4.35	4.93	4.38	5.18	4.47	4.77	5.14	4.39	4.47
426	610721	3.76	5.14	4.61	5.36	4.18	3.72	3.28	3.26	3.61	3.82	3.77	4.34	3.32	3.47	2.96	2.44	2.37
427	610722	3.39	11.91	11.87	9.73	7.85	6.28	6.48	5.11	6.74	7.32	7.37	7.81	7.17	4.81	6.26	6.06	6.08
428	610821	10.29	6.44	4.18	3.43	2.95	2.91	2.74	2.50	2.70	3.20	3.14	3.69	2.91	3.29	3.13	3.00	3.15
429	610822	11.49	8.57	8.49	5.72	3.68	3.81	3.61	3.55	3.15	3.84	3.39	3.35	3.07	3.52	3.21	3.20	3.14
430	610831	2.36	3.19	2.23	2.64	2.77	2.44	2.81	3.10	3.48	3.98	4.06	4.64	3.64	3.78	3.05	2.59	2.50
431	610832	18.54	16.08	14.27	12.19	9.46	8.89	9.47	9.20	8.14	8.19	7.61	7.99	7.13	6.62	6.56	5.62	5.56
432	610892	3.37	6.10	8.49	6.55	5.81	7.47	8.35	7.80	7.54	7.14	7.32	7.38	6.77	6.67	6.56	5.65	5.66
433	610910	4.42	3.42	3.30	3.32	3.30	2.84	2.40	2.30	2.50	2.66	2.53	2.47	1.87	1.96	1.81	1.68	1.55
434	610990	7.20	6.35	5.90	4.86	3.86	3.11	2.89	3.02	3.07	3.50	3.18	3.13	2.23	2.63	2.64	2.58	2.56
435	611010	4.07	4.29	4.53	4.23	3.69	3.35	2.96	2.78	3.01	3.17	2.57	3.00	2.66	2.78	2.83	3.25	2.46
436	611020	2.88	2.84	3.06	3.62	3.83	3.22	2.70	2.53	3.23	3.83	4.34	4.02	3.96	4.10	4.15	3.96	3.58
437	611030	4.77	4.94	5.26	5.19	4.83	4.59	4.36	4.44	5.13	5.52	5.22	5.61	5.26	4.98	5.06	4.56	4.20
437	611090	11.69	12.31	13.54	11.36	9.31	6.82	5.43	4.60	3.89	3.06	3.14	2.70	2.23	1.98	1.67	2.99	2.32

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
438	611120	3.15	3.15	2.80	3.27	3.18	3.97	4.88	5.31	5.44	5.31	4.84	4.95	4.41	4.40	4.06	3.51	3.28
439	611130	5.42	4.34	5.04	3.91	4.33	5.41	6.33	6.99	6.86	6.76	5.97	6.48	5.69	5.53	5.49	5.06	4.89
440	611211	1.98	4.28	3.42	4.62	5.73	5.76	5.90	5.75	5.82	6.44	7.97	5.61	5.68	5.02	4.02	3.61	3.30
441	611212	7.26	8.15	9.85	10.07	8.21	8.66	8.30	7.47	6.87	6.57	6.76	5.80	5.40	4.69	4.95	4.58	4.44
442	611231	3.38	3.52	2.60	2.90	2.22	1.95	1.75	2.53	2.80	3.61	4.65	2.88	2.78	2.92	2.76	2.60	2.46
443	611241	1.78	1.85	1.63	1.82	1.73	1.67	1.53	1.61	2.16	2.45	3.19	3.00	2.81	2.99	3.06	3.02	3.14
444	611300	4.06	6.01	7.23	9.21	8.47	5.70	5.21	5.83	4.16	2.87	3.55	2.21	2.56	2.36	2.20	1.96	2.03
445	611430	5.07	2.72	1.63	2.28	2.51	2.63	3.04	3.25	2.77	2.68	2.90	2.97	2.89	3.21	3.09	3.10	3.21
446	611519	1.50	2.12	1.21	2.24	2.60	4.70	3.96	3.16	3.70	3.43	3.08	2.87	2.34	2.43	2.52	2.23	2.16
447	611592	1.59	1.64	1.50	1.62	1.71	2.07	2.38	2.05	2.46	2.99	3.16	3.43	3.34	3.11	3.11	2.86	2.79
448	611593	5.73	5.83	6.64	7.37	6.66	5.54	4.72	5.86	6.02	5.92	6.25	7.04	6.26	5.91	5.98	5.36	5.11
449	611599	1.95	2.02	2.58	2.20	2.06	1.76	1.70	2.41	1.53	1.73	1.66	1.15	1.03	1.14	1.03	1.07	1.26
450	611610	3.98	2.88	2.83	2.52	2.63	2.81	2.82	2.95	2.97	2.90	3.08	3.46	3.05	3.28	3.68	2.98	3.25
451	611691	13.50	13.07	13.88	12.87	11.93	9.49	7.84	7.49	7.09	6.02	5.49	5.53	5.02	5.02	4.66	4.65	4.88
452	611692	15.89	14.53	11.91	10.74	9.02	11.13	10.24	8.96	8.78	7.97	7.35	7.52	7.03	6.26	6.49	5.48	5.48
453	611693	11.39	11.00	10.31	8.50	7.95	7.97	6.95	6.39	6.20	6.06	5.65	5.79	5.78	5.33	5.48	4.74	4.62
454	611699	7.67	10.86	7.69	6.46	7.56	10.01	9.40	8.84	8.15	7.34	6.44	5.96	5.53	5.40	4.91	4.06	3.98
455	611710	3.83	5.10	7.04	9.70	9.01	8.92	7.66	7.70	6.88	6.03	5.23	5.53	5.26	5.19	5.29	4.89	4.55
456	611780	1.58	2.25	2.56	2.25	2.08	2.69	2.80	2.43	2.15	2.29	2.18	2.84	3.31	3.74	4.10	3.86	3.65
457	611790	2.79	3.29	2.64	2.28	2.78	2.90	2.54	2.41	1.85	1.94	1.97	2.14	2.28	2.39	2.00	2.19	2.22
458	620111	4.18	4.27	4.73	4.67	3.93	2.54	2.63	2.15	1.67	2.20	2.26	2.51	2.72	2.89	2.95	2.84	2.13
459	620112	3.80	2.78	4.37	4.01	2.75	1.86	1.92	2.01	1.76	1.99	2.17	1.87	2.07	1.62	1.58	1.56	1.26
460	620113	8.92	7.23	7.68	5.64	4.96	4.06	3.98	3.05	2.66	3.05	2.94	2.35	2.15	2.23	2.51	3.00	2.36
461	620191	2.78	2.91	4.59	4.28	3.67	4.53	4.33	3.96	4.22	4.41	4.23	4.94	4.21	4.26	4.14	3.98	2.70
462	620192	5.86	5.68	4.97	4.09	3.72	3.27	4.15	4.34	4.69	5.22	5.01	4.91	4.83	4.82	4.76	4.22	4.01
463	620193	10.77	9.88	9.27	8.78	8.25	8.71	8.14	7.87	7.76	7.20	6.18	6.28	5.74	5.50	5.24	4.93	4.55
464	620199	9.56	10.57	10.52	10.26	7.39	6.40	8.46	7.82	2.71	1.36	1.83	1.66	1.49	1.06	1.61	1.14	1.06
465	620211	3.83	3.47	4.78	3.84	3.85	2.86	2.84	1.81	1.61	2.30	2.23	2.43	2.56	2.54	2.40	2.55	1.85
466	620212	4.02	4.21	4.49	3.16	3.11	3.33	3.52	3.06	2.61	3.38	3.00	3.13	2.95	3.04	2.97	2.78	2.37
467	620213	6.45	5.49	5.56	5.95	5.32	4.90	4.78	3.99	4.05	4.23	3.72	3.81	3.76	3.97	4.14	4.11	3.62
468	620219	8.49	6.05	5.97	6.10	4.68	4.92	4.58	3.83	2.54	2.21	2.12	2.16	1.55	1.25	1.33	1.98	1.67
469	620291	6.44	6.79	6.19	5.36	6.07	6.39	7.08	5.58	4.87	5.74	4.65	4.22	3.16	3.06	2.71	2.52	1.96
470	620292	5.59	5.73	4.43	3.68	3.64	4.56	5.92	5.54	5.57	5.82	5.35	5.19	4.78	5.00	5.15	4.51	4.08
471	620293	8.36	7.50	8.63	8.06	7.65	9.14	8.81	7.96	7.60	7.45	6.75	6.73	5.96	5.77	5.61	5.02	4.76
472	620299	12.78	11.17	10.57	9.60	7.77	7.81	8.86	7.70	4.08	2.82	1.70	1.50	1.56	1.66	1.47	1.50	1.20
473	620311	3.46	3.13	3.74	4.28	4.76	3.79	2.69	2.78	3.00	2.89	2.56	2.47	2.38	2.30	2.24	2.29	1.78
474	620312	2.48	2.50	3.12	3.89	4.10	3.89	3.80	4.42	5.45	5.93	6.42	6.86	6.48	6.36	6.23	5.12	5.02
475	620322	13.01	11.01	7.23	6.28	5.29	5.33	4.61	3.88	3.81	3.05	2.22	1.26	1.21	1.71	1.28	1.55	1.62
476	620323	17.55	15.02	14.73	10.45	9.73	6.92	5.34	4.73	3.87	3.53	3.69	3.51	3.38	3.43	3.49	3.73	3.69
477	620331	2.35	1.67	1.74	2.12	1.93	1.48	1.41	1.28	1.37	1.55	1.75	2.08	1.94	1.90	1.84	1.71	1.34
478	620332	12.63	10.38	8.64	8.65	9.34	7.27	4.40	4.09	4.11	4.07	3.79	3.88	3.49	3.48	3.37	3.25	3.26

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
479	620333	11.47	9.74	9.65	8.95	7.47	4.79	4.11	3.60	4.22	4.00	4.00	4.91	4.73	4.34	4.37	3.84	3.42
480	620341	4.02	2.84	2.80	2.88	2.57	2.21	1.77	1.57	1.89	2.00	1.53	2.19	2.24	2.10	1.89	2.03	1.54
481	620342	3.74	3.28	3.44	3.35	3.00	2.20	1.92	1.71	1.90	2.16	1.96	2.08	2.14	2.25	2.22	2.16	2.03
482	620343	7.45	6.03	5.87	5.42	4.81	4.04	3.97	3.65	3.96	4.01	3.76	3.82	3.95	3.77	4.00	3.60	3.38
483	620413	2.62	3.05	3.37	5.06	4.98	3.96	2.94	2.93	3.33	4.16	3.41	2.90	2.75	2.31	1.92	1.73	1.68
484	620423	13.18	12.03	13.53	12.57	10.46	8.90	7.51	6.63	5.82	4.82	4.03	3.81	3.19	3.41	3.57	2.94	2.98
485	620431	1.69	1.38	1.66	2.31	2.71	2.83	2.32	2.15	1.95	2.17	2.17	2.27	2.15	2.14	1.83	1.90	1.38
486	620432	9.31	7.24	8.54	8.13	6.84	5.73	4.66	4.09	4.60	4.64	4.39	4.79	4.76	4.66	4.24	3.77	4.19
487	620433	8.70	6.31	6.31	6.98	6.03	4.57	3.94	3.40	3.73	3.75	3.83	4.43	4.53	4.47	4.46	3.83	4.15
488	620439	6.98	5.74	5.76	6.94	6.64	5.67	4.66	4.04	3.43	3.30	2.83	2.82	2.67	2.49	2.61	2.99	2.93
489	620442	3.57	3.03	2.89	2.46	2.10	2.11	1.79	1.47	1.79	2.25	2.30	2.46	2.24	2.22	1.80	1.73	1.71
490	620443	3.80	3.39	3.23	2.99	3.06	2.59	2.61	2.31	2.69	2.46	2.66	3.09	2.95	2.95	2.83	2.65	2.57
491	620444	2.26	1.97	2.12	2.26	2.26	2.17	2.03	1.68	2.51	3.24	2.55	2.61	2.54	2.68	2.69	2.67	2.37
492	620449	6.78	5.94	5.11	4.89	5.31	4.26	4.38	3.78	3.09	3.10	2.63	2.49	2.19	1.98	1.72	1.90	1.17
493	620451	2.39	2.62	3.20	3.85	3.78	3.99	3.62	2.95	2.87	2.47	2.01	2.05	1.71	1.90	1.94	2.23	1.59
494	620452	5.63	5.39	5.65	5.84	5.32	4.18	3.41	3.12	3.17	3.37	3.22	3.20	3.00	3.11	2.78	2.61	2.71
495	620453	5.38	5.23	4.39	4.44	4.32	3.43	2.88	2.69	2.84	3.09	2.98	3.15	3.02	3.26	3.33	3.10	2.95
496	620459	5.33	4.79	5.01	5.63	5.12	4.73	4.64	4.61	3.92	3.32	2.73	2.75	2.65	2.90	3.00	3.01	2.59
497	620461	1.48	1.04	1.08	1.20	1.38	1.37	1.52	1.33	1.60	1.96	1.56	1.67	1.41	1.60	1.26	1.55	1.08
498	620462	3.38	3.00	3.14	3.01	3.17	3.25	2.94	2.51	2.96	3.28	3.12	3.29	3.55	3.63	3.54	3.39	3.08
499	620463	4.22	3.46	3.36	3.06	3.02	2.51	2.36	2.31	2.47	2.62	2.44	2.71	2.62	2.66	2.72	2.62	2.52
500	620469	4.73	4.36	4.51	4.21	4.33	3.88	4.16	4.55	3.92	3.94	3.33	3.22	2.71	2.68	2.89	2.68	2.60
501	620520	3.46	3.38	3.48	3.35	3.18	2.34	2.03	1.96	2.16	2.38	2.24	2.54	2.47	2.61	2.52	2.36	2.20
502	620530	8.93	8.56	7.96	7.38	7.59	6.38	6.31	6.04	6.04	6.00	5.48	5.55	4.88	4.23	4.64	4.02	3.73
503	620590	11.26	9.69	8.21	8.17	8.48	5.10	4.84	4.45	2.94	2.56	2.59	3.02	2.55	2.22	1.84	2.48	2.24
504	620610	17.27	17.00	15.31	14.34	12.02	9.40	8.47	7.10	4.69	3.77	3.12	2.35	1.77	1.75	1.77	2.04	1.90
505	620630	2.52	2.77	3.31	3.40	3.30	2.51	2.12	1.91	2.03	2.19	2.28	2.42	2.26	2.21	1.97	2.06	1.92
506	620640	3.02	3.03	2.87	2.78	2.71	1.96	1.88	1.61	2.06	2.33	2.15	2.40	1.88	1.73	1.82	1.78	1.69
507	620690	4.01	4.02	3.73	3.78	3.72	3.39	3.32	2.66	2.26	1.98	1.76	2.02	1.61	1.37	1.07	1.26	1.20
508	620711	9.24	8.37	6.62	7.05	7.01	3.14	2.48	2.77	2.57	3.32	4.34	3.71	3.20	3.23	3.36	3.63	2.99
509	620719	14.67	14.62	15.41	12.87	10.95	7.49	6.16	5.99	5.35	5.10	4.71	4.40	4.08	3.85	4.08	3.67	3.51
510	620721	14.82	13.50	13.22	12.43	11.86	9.56	7.59	7.85	7.91	7.75	6.94	7.36	6.31	6.10	5.84	4.92	4.63
511	620722	10.07	9.50	9.44	4.49	4.90	4.77	5.08	5.00	5.72	5.69	3.84	4.69	4.09	4.23	4.75	4.18	4.39
512	620799	7.73	6.20	7.14	6.20	7.01	3.04	3.55	4.32	2.19	2.30	3.36	2.62	2.06	2.45	3.08	2.65	2.15
513	620811	3.35	8.10	2.94	3.34	3.47	4.42	3.36	3.25	3.87	5.03	3.87	3.89	3.89	2.67	2.09	1.81	1.85
514	620821	12.17	12.03	11.86	10.28	10.34	8.12	7.32	7.54	7.42	7.00	6.34	6.71	5.80	5.55	4.95	3.97	3.76
515	620822	10.40	9.93	8.34	7.61	6.87	6.75	6.07	6.83	6.75	6.05	5.73	5.41	5.34	5.12	4.79	4.04	4.24
516	620829	19.33	17.58	15.33	13.51	10.82	6.11	6.43	5.22	3.81	3.04	3.00	2.54	2.07	2.12	1.74	1.44	1.69
517	620892	4.00	5.29	4.47	4.21	5.07	4.10	4.24	3.86	4.42	3.36	3.29	3.31	3.54	3.88	4.07	4.51	4.83
518	620899	17.39	15.39	10.57	11.67	8.66	4.54	4.38	4.95	6.07	3.91	2.43	2.50	2.06	2.10	1.87	3.22	2.34
519	620920	6.36	6.61	5.52	4.82	4.56	5.22	5.34	5.32	5.24	4.99	4.28	4.39	3.73	3.75	3.17	2.52	2.37

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
520	620930	7.92	7.15	6.71	4.91	4.14	5.05	5.76	6.02	5.67	5.10	4.33	4.77	4.70	4.75	4.68	4.10	3.48
521	621010	1.88	2.21	2.45	2.93	3.25	2.94	3.36	3.07	3.64	3.75	3.60	3.44	3.43	3.36	3.16	3.56	2.69
522	621020	5.93	10.46	12.40	11.96	11.96	9.86	9.05	8.61	7.40	7.87	7.86	7.56	6.56	6.07	6.46	5.52	4.89
523	621030	5.25	12.08	13.51	15.14	12.29	10.78	7.36	6.02	5.48	5.48	5.38	4.01	3.57	2.22	2.28	5.16	3.06
524	621040	8.36	9.22	8.40	7.98	8.86	7.24	6.35	5.79	6.42	6.20	5.85	5.59	4.78	4.84	5.10	4.43	4.25
525	621050	4.65	5.05	6.55	7.86	7.12	4.45	3.97	3.63	4.37	4.03	3.50	3.76	4.10	4.01	3.95	3.60	3.40
526	621111	1.30	6.77	4.24	3.31	2.97	2.57	2.40	2.73	2.87	3.11	3.45	3.11	2.25	2.25	1.75	2.06	2.24
527	621120	11.04	12.86	15.33	14.74	12.92	10.28	8.07	7.01	6.54	5.59	5.75	5.50	5.08	5.04	5.19	4.17	3.90
528	621132	4.06	4.94	4.53	4.36	4.12	3.55	3.65	3.90	4.68	5.48	6.16	4.99	3.61	3.41	3.84	3.84	3.11
529	621133	8.98	11.75	10.39	10.64	9.98	8.88	7.63	6.27	5.23	5.21	5.26	5.23	4.85	4.58	4.89	4.37	3.78
530	621142	4.10	4.69	4.43	4.12	4.22	3.80	4.37	4.38	4.94	7.82	5.75	4.24	4.18	3.96	3.28	2.64	2.44
531	621143	5.54	5.82	5.68	5.76	5.32	4.52	4.17	3.83	3.66	3.54	3.12	3.24	3.26	3.56	3.73	3.37	3.16
532	621210	4.48	4.68	3.59	3.31	2.49	2.25	2.71	2.91	2.64	4.01	3.02	4.35	3.01	3.41	3.09	3.16	3.34
533	621220	5.44	2.95	3.49	3.35	3.88	3.37	2.67	2.42	2.68	2.42	2.20	2.56	2.23	2.09	1.68	1.76	1.53
534	621230	4.17	5.24	4.37	4.14	4.21	3.81	3.68	3.54	3.59	5.53	4.29	3.92	3.84	3.88	4.54	4.63	4.92
535	621320	12.61	12.93	11.83	9.33	9.03	8.64	7.72	7.72	7.30	7.37	6.97	6.78	6.57	6.23	6.41	5.48	5.53
536	621390	6.99	6.12	6.70	6.40	6.20	3.61	3.66	4.92	5.89	6.49	6.20	6.05	5.79	5.00	4.99	5.19	4.29
537	621410	3.05	2.84	2.62	3.11	3.08	3.03	2.36	2.66	2.70	2.29	1.86	1.84	1.65	1.44	1.22	1.56	1.29
538	621420	2.80	2.72	4.55	6.06	3.82	2.91	1.88	2.71	2.58	2.81	2.52	2.43	2.01	2.03	2.02	2.37	1.66
539	621430	1.37	1.67	2.21	2.80	2.88	3.17	2.86	3.42	4.37	4.85	4.77	5.77	5.45	5.61	5.76	5.17	5.13
540	621440	3.94	6.04	8.21	7.77	7.64	8.04	6.01	5.43	5.04	4.47	4.09	4.11	4.58	4.44	4.72	4.41	3.53
541	621490	2.45	3.60	4.19	4.25	3.18	3.42	2.37	2.83	2.55	2.56	2.98	2.39	1.98	1.93	1.85	1.83	1.29
542	621510	7.95	4.74	1.43	2.06	2.59	2.87	2.94	3.13	3.12	3.17	2.97	2.85	2.98	3.01	2.95	3.69	2.63
543	621520	16.62	18.01	6.02	6.11	7.84	7.73	7.53	6.63	7.25	6.96	7.01	7.40	6.84	6.47	6.72	5.79	5.76
544	621600	15.60	15.42	13.57	12.01	9.89	8.35	7.34	6.50	5.73	5.58	5.04	5.52	4.86	4.45	4.62	4.07	3.82
545	621710	3.71	3.41	2.75	2.37	1.82	1.36	1.27	1.19	1.13	1.03	1.15	1.36	1.45	1.56	1.39	1.44	1.25
546	630110	3.11	3.55	4.45	7.18	3.87	4.64	6.05	6.02	6.94	7.22	6.43	6.31	6.57	5.96	6.04	5.17	5.34
547	630130	12.70	11.60	11.49	10.30	10.15	8.29	7.16	6.45	6.64	5.67	5.44	6.39	6.17	5.60	5.85	5.20	4.57
548	630140	5.96	5.18	4.93	5.72	5.97	6.41	7.57	8.23	7.98	7.81	7.29	7.38	7.03	6.73	6.92	5.67	5.80
549	630221	2.78	2.37	2.39	2.46	2.50	2.24	1.78	1.71	2.29	2.05	2.18	3.06	3.15	3.14	2.98	2.46	2.34
550	630222	9.91	8.08	10.12	9.45	9.00	6.69	4.68	3.08	3.61	3.44	4.13	4.82	5.35	5.99	6.02	5.07	5.11
551	630231	11.71	9.64	10.18	9.96	8.64	7.53	3.71	3.77	4.20	4.03	3.89	4.75	4.02	3.68	3.16	3.00	3.06
552	630232	7.89	7.03	10.34	11.57	10.75	8.20	5.60	5.96	5.22	5.46	6.58	7.35	7.28	6.93	7.05	6.04	5.93
553	630240	11.40	11.18	10.94	9.32	11.79	10.43	8.75	7.15	6.03	5.55	4.55	5.07	5.04	5.05	4.77	3.85	3.19
554	630251	10.41	8.74	7.56	5.52	4.51	4.19	4.37	3.76	3.86	3.24	2.92	3.07	2.85	2.88	2.24	3.04	3.33
555	630253	6.34	7.48	9.25	10.29	9.93	7.79	7.36	7.71	7.47	6.95	6.09	6.89	6.47	6.33	6.44	5.22	5.38
556	630260	8.09	7.28	7.20	6.91	6.49	5.63	4.15	3.78	3.98	3.96	3.89	4.36	4.06	3.82	3.72	3.32	3.22
557	630291	4.80	4.76	4.93	4.88	5.51	5.93	5.47	4.37	3.91	3.99	3.58	2.38	2.63	2.88	2.59	2.59	2.57
558	630293	13.02	14.67	13.51	12.21	11.84	9.04	6.87	7.61	7.10	5.83	5.54	5.32	5.03	5.29	5.39	4.87	5.08
559	630312	1.50	1.76	1.72	1.94	2.93	2.32	3.64	4.20	4.32	3.09	3.32	4.61	3.37	2.75	4.98	4.64	3.86
560	630319	2.41	5.08	1.97	2.38	3.55	3.40	3.31	1.02	2.36	2.28	4.00	3.28	2.10	2.10	3.63	3.83	2.77

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
561	630391	2.13	2.03	2.97	2.89	3.89	5.79	5.37	4.67	4.36	5.06	3.87	3.65	3.02	2.72	2.09	1.80	1.77
562	630392	3.46	3.43	3.24	3.67	4.65	5.44	6.05	6.38	6.47	6.29	5.89	5.84	5.40	5.27	5.22	4.46	3.99
563	630399	2.74	3.28	3.91	3.68	3.79	4.32	5.00	4.53	4.07	3.80	2.61	2.59	2.24	2.20	1.81	2.03	1.47
564	630411	4.73	2.83	1.47	2.39	2.83	5.76	9.65	9.58	10.66	8.70	8.24	8.69	7.42	7.63	7.90	6.43	6.43
565	630419	3.16	4.45	4.21	4.22	3.89	4.73	4.31	3.80	3.33	3.19	2.62	3.06	2.75	2.29	2.21	1.41	1.14
566	630491	3.02	3.25	3.44	4.07	4.20	5.24	7.38	9.12	9.06	8.71	7.10	5.92	5.60	4.69	4.32	5.02	4.80
567	630493	5.48	6.08	7.17	5.54	5.96	6.37	6.75	7.34	6.79	6.20	4.87	5.50	5.19	5.31	5.09	4.48	4.71
568	630520	10.83	10.52	10.00	8.10	7.27	6.24	6.10	4.78	4.22	3.69	3.01	4.97	4.37	4.03	3.32	2.55	2.38
569	630533	8.93	8.69	6.78	6.42	6.17	5.75	5.90	5.91	5.66	5.47	5.24	5.41	5.15	4.50	4.41	4.31	4.25
570	630539	4.74	4.50	7.44	7.27	4.88	3.55	3.74	4.92	6.29	6.19	5.06	5.48	5.50	4.73	4.52	3.50	3.16
571	630590	4.97	3.15	6.16	5.80	5.92	6.21	5.74	4.79	3.94	3.69	3.66	4.89	5.10	3.92	3.39	3.22	2.09
572	630612	3.67	3.64	4.82	5.41	3.19	2.68	3.06	4.78	5.29	5.34	4.51	5.12	4.20	4.30	4.44	4.04	3.82
573	630619	10.11	9.10	9.82	11.15	7.42	6.74	7.58	8.49	8.19	7.59	6.40	6.88	6.61	6.20	6.30	5.13	4.77
574	630622	15.73	14.74	12.04	11.30	10.40	9.08	9.08	7.63	6.57	6.15	5.27	5.43	5.45	5.55	5.62	4.83	4.73
575	630629	8.26	12.21	10.27	12.07	11.51	7.52	6.05	5.15	4.23	4.72	3.67	3.13	2.64	2.76	2.93	2.32	2.00
576	630649	14.00	12.30	11.43	6.01	6.65	7.52	7.15	7.61	7.53	4.23	2.02	3.80	4.50	4.63	4.57	3.85	3.76
577	630699	5.72	8.83	9.29	11.47	8.41	6.67	6.93	4.63	3.65	3.29	2.59	2.91	3.76	2.99	2.96	2.96	3.03
578	630710	2.20	2.26	2.15	2.25	2.00	2.08	1.77	2.37	2.48	2.60	2.58	2.98	3.15	3.14	3.36	2.93	2.80
579	630720	1.85	2.14	1.94	2.09	2.15	1.70	1.88	1.97	2.61	3.40	2.70	2.83	3.08	3.04	3.36	2.93	2.92
580	630790	1.88	2.35	3.06	3.21	3.41	3.85	3.78	3.42	3.37	3.49	3.14	3.61	4.16	3.69	3.74	3.44	3.34
581	640192	7.09	8.04	7.66	7.94	7.44	6.04	5.29	4.73	4.72	4.72	4.35	4.57	4.38	4.40	4.51	4.21	3.56
582	640199	3.22	3.55	4.51	4.71	4.63	3.76	2.74	2.23	2.16	1.69	2.39	2.48	2.27	2.84	2.57	3.09	2.77
583	640219	12.48	14.24	11.30	9.78	10.70	10.27	9.06	8.19	7.69	6.90	6.09	4.15	4.97	4.15	3.46	3.32	2.95
584	640220	19.33	19.11	19.04	16.55	13.59	12.56	9.73	9.49	8.91	8.18	6.95	6.98	6.69	5.77	6.25	5.55	5.32
585	640291	3.89	4.45	6.16	6.35	6.21	6.13	5.38	4.78	4.32	4.07	3.44	3.69	2.99	3.11	2.92	3.47	3.59
586	640299	16.72	15.78	15.60	13.85	11.61	10.44	9.04	8.55	8.02	7.59	6.77	6.99	6.40	6.11	5.93	5.38	5.43
587	640312	5.32	5.82	7.99	7.79	11.42	9.86	8.23	6.08	5.31	4.20	3.33	4.04	4.74	5.15	4.95	1.89	1.95
588	640319	9.69	11.22	9.38	8.20	7.57	6.74	6.01	5.49	5.46	4.45	3.92	2.92	2.92	2.45	1.75	1.59	1.16
589	640340	2.31	2.49	2.96	2.92	2.93	2.45	2.37	2.61	3.06	2.99	3.02	3.28	2.82	2.97	3.10	3.39	2.74
590	640391	1.65	1.76	2.11	2.23	2.05	1.94	1.94	2.09	1.50	1.41	1.33	1.36	1.25	1.48	1.40	1.67	1.43
591	640399	5.76	5.55	5.58	5.63	4.93	4.52	3.85	3.61	3.77	3.43	2.95	2.98	2.71	2.83	2.64	2.88	2.48
592	640411	4.74	3.68	3.25	2.99	4.27	4.02	3.90	3.23	3.47	3.35	2.81	2.91	2.11	1.59	1.40	1.56	1.38
593	640419	11.89	11.60	11.25	10.37	9.12	8.08	6.78	5.94	5.48	5.35	5.46	5.25	5.12	5.11	4.94	4.75	4.56
594	640510	4.32	5.21	5.91	4.13	2.90	2.43	1.39	1.48	1.29	1.20	1.84	1.55	1.02	1.33	1.50	1.77	2.74
595	640520	12.98	11.93	11.73	9.79	9.46	7.91	7.38	7.10	6.84	6.52	5.79	5.78	4.95	4.26	4.23	4.02	3.72
596	640590	2.63	3.50	4.48	6.78	4.21	3.64	6.19	4.45	6.44	5.90	6.04	7.72	6.87	5.95	5.97	6.09	5.43

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Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
597	640610	3.61	2.96	2.85	2.72	2.50	2.05	1.91	1.92	1.93	2.09	2.24	2.66	2.64	2.91	2.74	2.64	2.33
598	640620	2.34	2.53	2.17	2.25	2.27	2.12	2.14	2.26	2.29	2.59	3.22	3.97	3.50	3.48	3.82	4.28	3.62
599	650200	17.71	15.88	18.26	16.28	14.69	11.86	10.18	10.33	9.20	8.19	6.17	6.25	5.43	4.60	3.59	4.68	3.12
600	650400	10.65	11.40	10.52	11.01	9.53	7.86	6.48	5.73	5.48	5.63	5.11	5.05	5.35	5.31	5.32	5.00	4.42
601	650590	7.87	8.81	9.06	7.50	7.04	6.90	6.71	6.10	6.17	5.92	5.39	5.73	5.18	5.02	5.06	4.72	4.57
602	650691	6.74	9.92	7.08	5.08	4.51	4.38	3.85	4.60	4.83	5.19	4.76	5.07	5.63	5.37	5.56	4.89	5.52
603	650699	14.91	13.64	8.92	6.84	6.21	5.49	5.01	3.82	5.01	5.05	4.80	5.51	4.75	4.81	4.67	4.58	4.23
604	650700	1.92	3.10	2.22	1.81	2.58	1.98	1.80	2.00	2.02	1.83	1.69	1.81	2.46	2.51	3.40	4.44	4.71
605	660110	9.31	10.44	9.70	9.13	9.60	8.57	7.66	7.59	7.12	6.76	6.58	6.81	6.08	6.16	6.24	5.37	5.32
606	660191	20.73	21.23	21.19	19.77	17.61	14.75	12.81	11.80	10.61	10.00	8.99	8.90	8.30	7.84	7.47	6.37	6.32
607	660199	18.72	19.65	19.27	17.87	15.91	13.93	12.15	11.11	10.00	9.11	7.98	7.93	7.80	7.45	7.45	6.17	6.07
608	660320	9.37	8.92	10.75	8.92	8.16	6.54	6.12	5.96	6.95	7.10	6.89	8.09	8.44	7.88	7.92	6.43	6.20
609	670100	17.51	15.96	14.78	9.96	9.41	6.68	6.77	7.67	7.38	5.94	6.41	7.13	6.48	5.29	5.34	5.06	5.23
610	670210	19.49	20.01	19.91	17.51	15.85	13.99	11.61	10.74	9.64	8.84	7.79	8.16	7.42	7.22	7.50	6.27	6.31
611	670290	18.03	18.19	16.71	15.65	13.97	12.35	10.75	9.50	8.59	8.03	7.22	7.05	6.24	6.30	6.90	5.88	5.96
612	670411	10.13	11.37	8.86	7.42	7.60	6.04	5.14	4.76	4.76	4.35	4.72	4.62	3.99	3.94	3.85	3.24	3.19
613	670419	8.14	10.18	9.91	11.11	10.32	8.57	6.20	6.15	5.72	5.41	4.94	4.79	4.58	4.86	4.60	4.13	4.14
614	670420	16.25	13.83	13.81	16.44	17.31	15.59	13.84	12.60	11.53	10.57	9.67	9.33	8.55	7.66	7.51	6.21	6.22
615	670490	23.05	23.65	22.90	19.18	16.19	13.14	10.96	9.62	8.27	7.54	6.12	6.38	6.25	7.70	7.65	6.28	6.09
616	680293	2.03	1.57	1.77	1.81	2.06	2.37	2.07	2.10	2.03	2.67	5.18	5.63	5.62	5.18	5.41	4.80	4.31
617	680299	3.14	3.06	2.75	2.75	2.38	2.51	1.90	1.49	1.60	1.34	1.32	1.35	1.68	1.98	2.50	3.02	2.65
618	680430	4.73	4.09	4.64	3.72	3.77	2.89	2.22	1.93	1.62	1.75	1.79	1.91	2.42	2.48	3.17	2.88	2.95
619	690100	1.57	1.05	1.44	1.12	1.47	1.47	1.32	2.01	3.07	3.50	2.52	4.62	2.57	1.43	2.17	2.05	3.52
620	690210	1.83	2.40	2.51	3.14	3.24	3.31	2.94	3.00	3.16	3.36	2.96	3.64	3.32	3.40	3.61	3.59	3.39
621	690290	2.60	3.36	2.59	3.04	3.40	3.82	3.18	3.59	3.85	3.75	2.61	3.47	2.12	1.74	1.84	1.76	1.64
622	690490	4.24	2.77	4.12	2.73	4.15	4.74	3.48	2.97	2.36	2.57	1.91	1.25	5.11	4.96	4.69	4.90	5.35
623	691110	8.35	8.08	8.62	8.33	6.54	6.58	5.99	5.77	5.91	5.77	4.68	4.66	4.97	4.91	4.89	4.29	4.04
624	691190	1.87	2.19	3.62	4.98	3.11	3.13	3.34	3.06	3.41	3.18	2.42	2.33	2.65	3.00	3.14	3.06	3.38
625	691200	1.21	1.32	1.57	1.69	1.50	1.36	1.28	1.24	1.23	1.36	1.06	1.12	1.26	1.46	1.34	1.16	1.07
626	691310	14.98	14.38	13.12	12.16	10.22	10.07	8.84	7.95	7.57	7.25	5.86	5.29	6.53	6.81	7.34	6.29	6.22
627	691390	4.83	5.33	5.82	6.70	5.87	4.97	4.58	4.28	4.21	4.28	3.44	3.52	4.51	5.12	5.48	4.61	4.19
628	691410	6.62	6.09	4.32	4.10	2.93	4.10	4.47	4.83	4.76	4.82	4.67	6.25	5.93	6.98	6.86	5.90	5.68
629	700992	2.48	2.84	2.89	3.49	4.17	4.61	4.70	4.92	5.04	5.40	5.22	5.01	4.93	5.41	5.58	5.11	4.89
630	701020	2.92	2.51	3.36	4.15	3.59	5.16	4.98	5.10	5.34	5.52	4.74	4.60	4.35	5.12	4.64	4.27	4.32
631	701310	2.31	3.83	3.86	3.21	3.15	5.19	6.86	7.36	6.30	5.81	4.83	4.19	5.16	4.34	4.47	6.11	6.15
632	701399	1.50	2.27	2.37	2.38	2.53	2.92	2.86	3.43	3.99	3.91	3.71	3.85	3.88	4.07	4.21	3.89	3.42
633	701610	4.65	3.16	1.67	2.06	2.04	2.48	2.07	2.48	3.14	3.30	3.48	4.01	3.95	4.49	4.81	5.19	4.26
634	701690	2.36	2.14	3.12	3.67	4.21	3.55	3.19	3.37	3.65	3.53	3.60	3.65	3.11	3.14	3.29	2.95	3.16
635	701890	8.02	10.85	9.53	8.51	7.96	8.70	8.09	9.11	7.89	7.46	6.88	6.58	6.40	6.18	6.43	5.81	5.64
636	702000	2.13	2.17	2.49	1.84	2.27	2.50	2.03	2.13	1.90	1.60	1.56	2.01	1.58	1.45	1.58	1.83	1.83
637	710590	6.34	7.45	3.66	4.43	2.30	6.40	3.38	2.45	1.85	2.22	4.17	2.18	2.37	1.44	1.44	2.14	2.07

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
638	711610	10.54	5.59	4.46	4.63	4.15	6.46	5.31	4.61	4.17	3.43	3.75	3.36	4.92	4.49	5.54	2.49	2.21
639	711719	2.43	2.53	2.23	2.34	2.68	2.60	2.45	1.88	2.32	2.64	2.58	2.39	2.35	2.52	1.54	1.74	1.61
640	720221	3.44	3.92	4.41	5.17	4.69	4.46	4.98	5.09	4.31	5.11	5.01	4.91	2.18	2.54	2.05	1.55	1.07
641	720299	4.31	3.05	1.95	2.02	2.04	2.06	1.65	2.01	2.40	2.52	2.87	4.10	2.81	4.50	6.77	4.93	3.14
642	721720	1.77	1.34	2.18	1.95	2.30	2.19	1.86	2.14	2.00	2.58	2.37	2.65	2.52	2.46	2.72	2.46	2.49
643	730300	1.81	1.86	2.15	4.38	4.38	3.91	2.78	3.26	3.22	3.04	3.79	3.58	2.99	3.50	3.85	3.30	2.57
644	730711	4.09	3.84	2.55	3.85	3.22	2.78	2.15	2.25	2.58	2.69	2.83	2.79	2.70	2.94	3.16	3.34	3.14
645	730719	3.57	2.90	3.69	3.35	3.77	3.31	2.56	2.69	2.53	2.37	2.23	2.36	2.29	2.38	2.41	2.35	2.09
646	730722	1.33	2.43	2.16	1.66	1.73	1.89	1.85	1.93	2.14	2.13	1.85	1.57	1.06	1.17	1.63	1.43	1.16
647	730791	2.18	1.87	2.48	2.26	2.17	1.93	1.56	1.79	1.62	1.66	1.79	2.21	1.91	2.17	2.33	2.29	1.75
648	730792	1.40	1.22	1.81	1.83	1.78	1.22	1.19	1.57	1.84	1.83	1.92	1.93	1.75	1.82	2.07	2.17	1.70
649	731419	2.00	1.44	2.27	1.84	2.19	2.15	1.77	2.50	2.83	2.92	2.66	2.84	1.11	1.49	1.27	1.54	1.65
650	731431	3.24	2.67	4.17	3.69	2.97	2.85	2.33	2.37	2.96	3.14	2.70	3.07	2.91	2.65	2.72	2.46	2.24
651	731441	4.08	3.63	4.15	4.67	4.15	3.85	3.53	3.53	3.68	2.84	2.85	3.51	3.61	3.56	3.79	3.56	3.26
652	731442	5.45	4.75	5.18	5.78	5.85	5.11	4.67	3.97	2.76	2.76	2.17	2.40	2.38	2.27	2.56	2.75	2.39
653	731449	8.03	9.26	11.15	8.40	7.52	7.32	6.49	6.51	6.07	5.98	5.88	5.69	3.97	3.93	3.99	3.14	2.98
654	731511	2.65	2.60	2.88	2.98	2.52	2.33	2.00	2.12	2.05	2.00	2.04	2.23	2.13	2.26	2.43	2.21	2.41
655	731582	3.41	4.62	4.20	6.01	6.66	6.20	5.50	5.36	5.48	5.30	4.39	3.34	2.80	2.73	3.33	3.01	2.70
656	731589	7.17	6.70	6.21	4.74	3.89	3.31	2.80	2.82	2.84	2.72	2.54	2.73	3.02	2.82	2.87	2.67	2.22
657	731600	6.16	4.28	3.16	2.79	2.50	2.95	2.02	2.05	2.35	2.56	2.77	2.92	3.14	3.09	2.80	2.05	2.16
658	731700	2.72	2.32	3.34	3.29	3.36	3.31	3.38	3.87	4.17	4.41	4.44	4.59	3.95	3.80	3.92	3.55	3.54
659	731812	2.45	2.05	2.15	1.12	1.04	1.22	1.18	1.28	1.34	1.40	1.22	1.57	1.21	1.14	1.07	1.16	1.27
660	731819	2.56	2.39	1.85	1.98	1.65	1.58	1.65	1.84	1.93	2.22	2.24	2.44	1.55	1.60	1.87	1.66	1.52
661	731822	1.67	1.58	1.35	1.15	1.18	1.18	1.14	1.42	1.55	1.73	1.86	2.00	1.22	1.49	1.47	1.22	1.27
662	731823	1.49	1.52	1.59	1.73	1.55	1.72	1.79	1.94	2.13	1.93	1.70	1.79	1.23	1.23	1.49	1.13	1.07
663	731824	1.63	1.43	1.96	3.23	3.55	3.68	3.54	3.35	2.86	3.54	3.00	2.76	2.02	2.00	2.00	1.69	1.69
664	731930	1.20	1.52	1.60	1.30	1.51	1.64	1.73	1.23	1.41	1.28	1.31	1.57	1.64	1.57	1.73	2.17	2.45
665	731990	3.28	3.42	4.14	4.40	3.85	4.49	3.70	3.64	2.56	2.09	2.39	2.46	1.93	2.35	2.33	2.29	2.47
666	732112	8.16	7.36	7.05	8.43	7.76	8.60	7.83	6.81	6.93	6.53	5.58	5.08	4.88	4.65	5.82	4.74	4.82
667	732113	7.15	8.01	9.20	10.50	9.19	8.90	8.21	7.68	6.75	5.99	5.22	5.09	5.70	5.72	5.84	4.90	4.38
668	732190	3.17	3.28	3.14	2.86	3.18	2.99	2.67	2.77	2.99	2.78	2.51	2.31	2.03	2.24	2.36	2.70	2.42
669	732310	2.88	2.59	4.05	4.19	4.77	5.25	4.60	4.85	4.79	4.30	3.82	3.93	4.43	4.66	4.72	4.15	4.25
670	732391	9.90	10.54	12.10	9.69	6.13	8.46	7.94	7.76	7.24	5.95	4.54	5.37	6.08	5.98	6.14	5.22	5.37
671	732393	6.74	6.90	6.96	7.41	6.94	6.87	6.27	5.67	5.09	4.79	4.37	4.13	3.90	4.10	3.89	3.43	3.21
672	732394	4.66	5.38	5.20	5.08	5.11	5.01	4.23	3.54	3.13	3.03	2.64	2.63	2.66	2.60	2.70	2.17	1.93
673	732399	3.76	4.19	5.81	4.88	5.00	4.74	4.82	4.46	4.59	4.42	4.06	4.11	4.10	4.42	5.12	4.95	4.99
674	732510	6.65	5.62	5.36	4.97	4.43	4.23	3.52	3.67	3.14	2.84	2.05	1.65	1.77	1.59	1.41	1.29	1.10
675	732611	1.40	2.05	2.22	2.83	2.41	1.59	1.40	1.23	1.71	1.96	1.81	2.44	2.22	2.61	2.95	2.81	3.12
676	732620	2.80	3.04	3.94	4.58	4.06	3.84	3.64	3.23	3.24	2.96	2.24	2.32	2.10	2.26	2.28	2.4	2.31
677	741021	2.91	2.94	3.94	3.56	3.27	2.92	2.85	3.29	2.97	2.97	2.58	2.59	2.44	2.60	2.55	2.20	2.92
678	741532	1.72	2.56	2.06	1.32	1.36	1.67	1.39	1.79	2.16	2.61	2.28	2.28	1.97	2.02	1.79	1.72	1.66

(Contd.)

Table E6: *(Contd.)*

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
679	741820	3.61	4.54	2.54	1.01	1.27	1.65	1.43	2.63	3.11	3.27	2.08	2.76	2.81	3.16	3.30	2.91	3.07
680	761010	2.27	2.36	1.85	1.58	1.47	1.44	1.12	1.24	1.34	1.30	2.01	2.61	2.16	1.91	1.89	1.83	1.78
681	761410	3.42	2.96	3.56	1.64	2.86	1.17	1.27	1.29	2.15	2.05	2.82	3.27	1.85	2.37	2.94	2.17	2.12
682	761519	1.42	1.36	1.58	2.03	2.34	2.85	2.74	2.86	3.26	3.58	3.48	3.78	3.67	3.76	3.82	3.80	3.55
683	761691	1.44	1.37	1.10	1.27	1.04	1.75	1.88	2.11	1.90	1.61	2.94	3.38	3.02	3.12	2.88	2.91	2.76
684	810110	3.54	4.03	6.03	6.19	7.40	3.48	3.38	3.37	4.19	4.24	3.00	3.18	2.27	1.94	1.97	1.49	1.17
685	810193	1.73	1.55	2.09	2.74	2.84	3.22	3.07	2.75	3.10	2.80	2.59	2.57	2.30	2.57	2.68	2.35	2.10
686	810292	2.30	3.35	5.39	6.05	4.65	4.19	3.56	2.73	3.86	3.07	6.99	7.72	3.27	4.68	5.74	4.55	4.20
687	810390	3.58	2.80	3.21	4.53	4.12	1.24	1.49	1.64	1.66	1.71	2.17	2.50	3.13	2.86	3.28	2.33	2.32
688	810411	9.47	10.99	11.15	9.94	8.48	7.98	9.55	9.46	7.61	7.34	7.54	7.51	5.73	5.90	6.43	5.13	5.50
689	810419	1.73	2.53	3.20	2.95	3.58	4.08	5.92	6.39	5.42	4.83	5.16	5.80	4.96	4.60	5.05	4.08	4.07
690	810430	5.66	7.99	11.17	13.66	13.48	11.42	8.92	9.91	8.66	8.04	7.33	7.86	5.51	6.30	6.41	5.62	5.63
691	810600	6.53	4.70	9.28	7.25	7.33	6.10	6.83	6.65	6.06	5.76	4.58	5.68	3.85	5.67	6.07	4.09	4.08
692	811000	21.49	18.78	21.40	17.95	12.74	11.85	11.66	9.87	9.73	7.57	5.69	6.60	4.06	3.75	3.55	3.61	1.21
693	811100	9.11	10.64	11.37	11.97	10.97	8.67	9.59	10.01	8.90	6.94	7.68	7.56	5.98	5.70	4.98	3.61	4.48
694	820110	5.71	5.93	6.06	6.34	6.41	5.76	5.51	5.13	5.01	5.12	4.70	5.11	4.83	4.55	4.51	4.16	4.15
695	820130	7.19	7.32	7.06	7.28	7.32	6.28	6.10	5.97	5.75	5.31	4.83	4.77	4.93	4.62	4.48	3.72	3.79
696	820140	6.16	5.07	5.67	6.14	5.48	5.01	4.77	4.29	3.86	3.58	3.35	3.43	2.78	2.82	3.01	2.71	2.23
697	820150	1.85	1.81	2.09	2.37	1.99	2.01	1.53	1.78	1.56	1.83	2.26	2.04	1.64	1.80	1.86	1.74	1.82
698	820160	2.17	3.28	2.85	2.51	3.59	3.19	2.93	2.98	2.31	2.54	2.92	2.78	2.87	2.95	2.71	2.52	2.68
699	820190	3.99	4.62	3.57	2.28	2.46	2.62	2.27	2.22	2.39	2.30	2.02	1.99	1.86	1.85	1.84	1.73	2.13
700	820210	4.49	4.01	3.70	3.98	3.90	3.46	3.04	2.93	3.06	3.17	2.97	2.91	2.55	2.71	2.86	2.68	2.64
701	820231	1.91	1.84	1.99	2.04	1.83	1.98	1.91	2.19	2.30	1.97	2.23	2.24	2.49	2.54	2.53	3.00	2.14
702	820239	1.15	1.22	1.52	1.58	1.58	1.74	2.00	2.60	2.89	3.25	3.36	3.31	2.96	3.18	3.47	3.29	3.34
703	820299	1.14	1.74	1.46	1.72	2.01	2.21	2.31	2.49	2.80	2.48	2.13	1.98	1.46	1.43	1.36	1.76	1.66
704	820320	3.78	3.78	4.23	4.27	4.39	4.02	3.47	3.37	3.09	2.97	2.70	2.72	3.00	3.12	3.31	2.92	2.96
705	820330	2.41	1.75	2.04	2.26	1.65	1.74	1.63	1.74	1.48	1.45	1.41	1.24	1.07	1.14	1.30	1.23	1.50
706	820411	2.97	2.27	2.48	1.80	1.77	1.71	1.65	1.54	1.68	1.72	1.63	1.77	2.16	2.36	2.35	1.97	2.29
707	820412	5.32	4.51	4.75	4.45	4.71	3.65	3.51	3.11	2.66	2.60	3.01	2.81	2.93	3.03	2.96	2.65	3.24
708	820520	11.75	10.95	10.72	9.56	9.14	8.70	7.50	6.56	5.96	5.17	4.99	5.13	4.65	4.63	4.51	3.87	3.87
709	820530	4.28	4.88	4.55	4.74	3.72	3.88	3.64	3.98	3.75	3.61	3.86	3.97	1.69	3.31	3.30	2.94	2.80
710	820540	6.42	6.39	6.68	5.47	5.11	5.10	4.75	4.50	4.68	4.38	3.84	3.79	3.67	3.56	3.74	3.07	3.21
711	820551	2.93	3.36	2.61	2.81	2.98	3.17	3.48	3.69	3.88	3.88	3.85	3.94	3.76	4.02	4.20	4.01	4.34
712	820559	3.55	3.26	2.64	1.77	1.76	1.74	1.63	1.64	1.68	1.66	1.47	1.30	1.15	1.25	1.44	1.34	1.68
713	820570	2.67	2.17	2.07	1.59	1.54	1.62	1.41	1.60	1.45	1.32	1.13	1.11	1.67	1.76	1.78	1.48	1.45
714	820590	4.29	5.53	5.08	3.62	4.40	4.00	2.35	2.69	3.18	2.60	2.21	2.31	1.96	1.67	1.52	1.42	1.61
715	820600	2.03	2.51	3.90	3.33	4.04	4.17	4.65	4.45	4.50	4.21	3.83	3.57	3.40	3.51	3.51	3.07	3.60
716	820750	1.29	1.27	1.41	1.72	1.74	1.70	1.58	1.46	1.64	1.44	1.45	1.52	1.73	1.72	1.76	1.49	1.55
717	821000	2.71	3.29	3.46	3.36	3.25	3.19	3.55	3.45	3.32	3.36	3.21	3.36	3.22	3.02	3.01	3.26	3.01
718	821110	9.36	9.91	10.31	12.46	11.22	10.57	9.61	9.22	7.94	7.51	6.10	6.22	5.51	5.51	5.63	4.80	4.90
719	821191	2.58	2.99	2.90	4.34	4.72	4.40	4.38	4.29	4.37	4.40	3.52	2.99	3.84	3.85	1.82	2.14	2.01

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
720	821192	5.72	5.84	5.57	6.05	5.93	5.38	4.76	4.64	4.10	3.81	3.62	3.53	2.99	3.21	3.25	2.71	3.05
721	821300	6.98	7.34	7.54	7.72	7.31	6.65	6.33	5.89	5.48	5.15	4.80	4.91	4.63	4.92	5.12	4.61	4.62
722	821410	9.69	9.85	10.02	9.22	8.86	7.82	7.40	7.79	7.56	7.35	6.92	6.57	5.72	5.57	5.52	4.53	4.57
723	821420	3.23	2.60	3.05	4.09	3.79	3.83	3.71	3.61	3.70	3.59	3.16	3.54	3.10	3.15	3.49	3.10	3.09
724	821490	5.94	7.88	8.27	7.53	6.58	6.46	6.03	4.61	5.07	4.93	5.03	5.08	4.96	5.42	5.96	5.13	5.47
725	821520	7.52	8.16	9.85	10.38	10.34	10.17	9.33	8.95	8.54	7.86	7.24	6.85	5.80	6.03	6.21	5.49	5.29
726	821599	7.71	8.84	9.74	9.33	9.64	8.95	8.29	8.17	7.28	6.85	6.31	5.88	6.16	5.79	5.62	5.23	5.08
727	830110	13.84	13.81	12.33	10.30	8.84	8.36	7.04	5.38	5.46	5.17	5.00	4.91	5.08	5.38	5.14	4.18	4.23
728	830130	10.83	8.11	7.97	6.58	5.91	5.42	3.86	4.10	4.14	3.50	3.33	3.07	4.10	4.62	4.70	4.47	4.47
729	830140	2.88	2.44	2.61	2.24	2.47	2.91	2.82	2.67	2.58	2.68	2.59	2.68	2.56	2.73	2.83	2.62	2.52
730	830150	2.19	2.79	3.58	2.99	2.51	2.33	1.90	1.91	1.85	1.53	1.60	1.61	1.26	1.67	1.56	1.31	1.65
731	830160	1.90	1.67	1.64	1.54	1.40	1.29	1.18	1.27	1.63	1.87	2.07	2.16	1.88	1.96	2.03	1.83	2.06
732	830210	1.56	1.63	1.60	1.53	2.33	2.62	2.32	2.20	2.23	2.46	2.06	1.90	1.75	1.84	1.85	2.02	2.11
733	830242	1.39	1.59	1.89	1.73	1.87	2.29	2.25	2.61	2.80	2.92	2.76	2.81	2.57	2.65	2.74	3.02	3.04
734	830250	3.89	3.76	3.65	3.57	3.51	3.53	3.39	3.43	3.62	3.72	3.65	3.09	2.82	3.21	3.79	3.38	3.62
735	830400	2.71	3.84	4.37	3.67	4.46	5.27	3.96	4.10	3.90	4.43	4.59	5.05	5.33	4.11	4.03	3.90	4.22
736	830510	6.17	6.59	6.32	5.28	4.77	5.24	4.05	4.32	3.95	3.83	3.68	3.58	3.05	2.84	2.95	3.29	2.52
737	830520	1.84	1.42	1.36	1.42	1.22	1.21	1.17	1.33	1.44	1.38	1.76	2.37	2.46	2.57	2.58	2.38	2.34
738	830590	14.42	13.85	12.63	10.00	9.78	9.20	7.27	6.77	6.40	5.45	5.50	5.65	5.10	5.41	5.66	4.86	4.92
739	830610	7.32	9.33	9.03	8.61	7.03	6.12	6.29	5.89	5.17	4.75	3.73	3.42	3.56	3.24	3.75	3.37	3.34
740	830629	4.03	5.85	6.36	6.72	7.07	6.80	6.07	5.61	5.67	5.74	5.54	5.67	5.81	5.68	5.94	5.46	5.22
741	830630	7.18	7.62	6.63	8.33	8.54	8.78	7.24	7.18	6.69	6.39	5.23	5.06	4.58	4.66	4.81	4.21	3.65
742	830810	3.62	5.06	3.81	3.27	3.55	4.03	4.06	4.95	5.57	5.73	5.32	5.32	5.04	5.04	5.31	4.76	4.86
743	831110	1.94	1.57	1.94	1.98	2.05	1.78	1.50	1.69	1.68	1.44	1.16	1.34	1.71	1.39	1.46	1.55	1.47
744	841420	8.00	9.09	9.18	5.34	6.04	6.88	6.11	5.17	4.92	4.42	4.23	4.43	4.24	4.28	4.58	3.94	4.37
745	841451	16.20	16.29	14.47	11.16	10.89	10.96	10.12	9.58	9.15	8.70	7.33	6.94	6.50	5.92	6.02	5.02	5.26
746	841510	1.90	2.92	2.50	2.47	3.11	4.18	5.19	5.37	5.50	5.07	4.66	4.96	4.75	4.85	5.02	4.27	4.16
747	841581	1.37	3.08	3.74	5.07	6.09	4.93	4.16	3.33	2.87	1.91	1.52	1.42	1.43	2.22	2.23	2.16	2.17
748	842310	2.62	3.24	4.09	5.02	5.06	5.45	5.50	6.05	6.16	6.09	5.65	5.87	5.56	5.09	5.28	4.55	4.60
749	842381	1.41	1.95	2.03	2.11	2.03	1.83	2.16	2.34	2.22	2.12	1.99	2.35	2.49	2.53	2.71	2.33	2.33
750	842382	1.57	2.63	2.25	2.49	2.67	2.70	2.38	2.40	2.41	2.22	2.07	2.12	1.35	1.50	1.97	2.03	2.21
751	842519	3.86	3.37	3.18	3.67	3.78	3.06	2.93	3.05	2.58	2.50	2.09	2.12	1.73	1.90	1.88	1.59	1.59
752	842542	6.48	5.48	6.09	6.26	5.73	5.12	4.42	3.98	3.67	3.15	2.84	3.02	3.32	3.24	3.15	2.93	2.72
753	842549	1.16	1.44	1.25	1.52	1.64	1.86	1.52	1.80	1.58	1.74	1.64	1.65	1.75	1.81	1.76	1.82	1.71
754	842619	2.73	5.89	2.42	7.24	8.43	10.06	9.39	8.87	8.41	7.31	6.90	6.76	6.42	5.14	4.39	3.87	4.33
755	844140	1.69	1.46	1.54	1.58	2.37	2.18	2.21	2.60	2.54	2.98	3.36	3.44	3.18	2.63	3.38	2.81	2.62
756	845012	5.56	4.99	3.87	3.42	3.60	3.31	3.37	3.11	3.11	3.50	4.41	4.23	3.92	4.06	4.45	3.66	3.53
757	845090	1.45	1.36	1.21	1.59	1.68	1.94	1.58	1.58	1.45	1.72	1.82	2.14	2.09	2.23	2.18	2.30	1.95
758	845210	5.61	5.53	5.46	4.19	3.86	4.00	4.18	4.29	4.33	4.27	4.06	4.24	3.73	3.57	3.86	3.41	3.68
759	845221	1.86	2.26	2.09	2.48	2.45	2.48	3.34	3.04	4.77	4.42	4.07	4.60	4.09	4.37	4.65	3.77	4.01
760	845229	1.52	1.76	1.80	1.99	2.15	2.07	2.38	2.26	2.07	2.34	2.42	2.15	2.17	2.17	2.19	1.88	2.09

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
761	845290	1.82	1.48	1.73	1.87	1.65	1.51	1.54	1.39	1.44	1.48	1.58	1.79	1.59	1.76	1.95	2.19	2.87
762	845819	3.02	2.76	2.38	2.64	1.88	2.00	1.71	2.29	2.43	2.23	2.33	2.88	2.58	2.75	2.75	2.27	2.25
763	845929	5.22	3.93	5.79	5.11	5.66	5.23	4.33	3.46	3.40	2.94	2.86	2.78	2.53	2.81	2.89	2.08	2.15
764	845959	2.61	2.23	2.20	2.83	2.12	2.16	2.21	2.56	3.79	3.68	4.77	4.74	2.50	2.95	3.87	3.41	3.40
765	847010	8.04	10.42	10.05	8.22	6.33	7.28	8.03	6.22	6.46	6.68	6.82	7.67	7.55	6.69	5.77	5.03	5.19
766	847021	7.69	7.18	11.05	12.05	11.21	8.25	9.12	8.44	7.87	6.95	6.19	4.93	4.02	4.49	4.56	3.97	3.26
767	847029	13.49	11.20	17.21	17.47	13.70	12.74	10.73	9.06	8.44	7.17	6.43	6.77	4.09	4.31	3.68	3.78	2.98
768	847160	1.78	2.36	2.92	2.78	3.18	3.60	4.21	4.54	4.45	4.38	4.29	4.70	4.18	4.31	4.00	3.37	3.30
769	847170	1.17	1.57	1.20	1.28	1.49	1.84	2.11	2.20	2.22	2.46	2.13	2.11	1.99	1.97	2.32	1.94	1.87
770	847290	1.40	1.21	1.63	1.59	1.93	3.36	3.82	3.32	2.69	2.27	2.18	2.27	2.56	2.58	2.84	2.32	2.15
771	848210	1.54	1.61	1.78	1.87	1.82	1.67	1.33	1.29	1.19	1.12	1.06	1.08	1.03	1.11	1.24	1.18	1.20
772	848320	1.61	1.46	1.75	2.19	1.81	1.62	1.49	1.40	1.48	1.24	1.07	1.32	1.33	1.26	1.59	1.38	1.12
773	850110	5.11	5.56	5.41	5.45	4.82	4.28	3.44	2.97	2.74	2.54	2.34	2.33	2.06	2.04	1.99	1.83	1.85
774	850152	1.28	1.10	1.39	1.44	1.52	1.41	1.25	1.21	1.26	1.29	1.27	1.33	1.12	1.16	1.27	1.13	1.09
775	850410	2.73	2.32	2.71	2.57	2.27	2.17	2.08	2.15	2.44	2.55	2.30	2.49	2.42	2.56	2.41	2.12	2.08
776	850431	5.06	5.39	5.71	5.69	5.19	5.11	4.75	4.02	3.62	3.43	3.28	3.55	3.07	3.07	2.87	2.64	2.58
777	850440	2.45	2.71	2.94	2.49	2.69	3.11	3.11	3.36	3.50	3.38	3.28	3.20	3.00	2.89	2.88	2.64	2.76
778	850450	2.37	2.54	2.89	2.80	3.11	3.51	3.42	3.27	3.25	3.15	2.87	2.96	2.61	2.68	2.82	2.34	2.87
779	850490	1.15	1.54	1.74	1.61	1.49	1.56	1.42	1.38	1.46	1.51	1.36	1.38	1.43	1.53	1.42	1.67	2.44
780	850511	3.33	3.89	3.88	4.30	4.59	4.56	4.44	4.46	4.11	4.38	4.73	4.88	4.38	4.11	4.49	3.26	3.49
781	850519	1.45	1.73	2.35	2.71	2.67	3.13	2.80	2.80	2.84	2.74	3.07	3.45	3.29	3.27	3.06	2.08	2.17
782	850610	3.93	4.12	4.55	4.93	4.55	4.41	4.07	3.71	3.55	4.12	3.96	3.82	3.69	3.58	3.69	3.08	2.97
783	850730	2.38	2.74	2.51	2.15	2.22	2.71	3.10	3.25	2.94	2.59	3.07	3.09	1.81	1.76	1.62	1.33	1.10
784	850810	3.48	3.76	4.57	5.94	4.94	5.31	4.65	4.39	4.02	3.79	3.91	4.23	4.00	4.13	4.33	3.79	3.86
785	850820	1.58	2.42	3.78	5.16	4.98	5.92	5.38	5.48	4.86	4.71	4.45	4.59	4.67	4.44	4.29	3.65	3.72
786	850880	2.36	2.61	3.38	4.39	4.17	4.58	3.78	3.61	3.40	3.24	2.90	2.71	3.18	3.23	3.15	2.81	2.87
787	850910	2.34	2.87	3.20	4.19	5.00	4.83	4.24	4.09	4.15	4.13	3.96	4.00	3.84	3.59	3.46	3.04	3.05
788	850940	3.26	3.31	3.67	4.01	4.01	4.34	4.39	4.14	3.77	4.09	4.06	4.35	4.08	4.00	3.86	3.38	3.46
789	850980	2.94	2.80	3.26	3.79	3.79	3.93	4.76	3.98	3.76	4.22	4.04	4.07	3.85	3.98	3.91	3.43	3.37
790	851010	2.73	2.67	2.92	3.56	4.57	3.52	4.46	2.54	2.79	3.76	3.50	3.51	3.27	2.99	2.34	1.93	1.92
791	851020	3.41	3.43	4.65	5.07	5.55	4.24	3.99	3.65	3.68	3.75	4.09	4.17	3.80	3.87	3.82	3.52	3.15
792	851210	2.86	3.10	3.33	3.67	4.71	4.78	4.80	4.31	3.85	3.71	3.42	3.68	3.66	3.57	3.63	3.26	3.44
793	851310	10.00	10.14	10.88	11.37	10.72	10.08	9.31	8.37	7.73	7.50	7.17	7.50	6.89	6.78	6.74	5.71	5.62
794	851511	3.28	3.61	3.52	4.47	3.58	3.77	3.41	3.11	3.14	2.69	2.63	2.48	2.80	2.92	2.86	2.57	3.01
795	851629	2.62	2.38	3.05	3.51	4.33	4.30	4.89	5.35	5.43	5.59	5.41	5.24	4.80	4.54	4.77	3.97	3.80
796	851631	6.77	6.77	8.06	7.68	6.65	5.72	5.41	4.96	4.87	4.61	4.34	4.91	4.70	4.61	4.28	4.15	4.08

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
797	851632	12.63	11.88	11.45	10.66	8.36	7.40	5.82	5.10	4.61	3.98	3.97	4.85	4.61	4.97	4.68	4.25	4.50
798	851640	3.56	3.33	4.07	4.37	4.61	4.56	4.31	4.16	4.45	4.57	4.22	4.35	4.00	3.36	3.16	2.66	3.04
799	851650	1.91	2.90	3.75	4.46	5.08	5.55	6.12	6.16	6.41	5.93	5.47	5.66	5.18	5.03	5.19	4.32	4.34
800	851660	1.81	1.70	2.16	2.74	2.98	2.67	2.66	2.47	2.64	2.44	2.07	2.19	2.25	2.47	2.41	2.47	2.45
801	851671	4.86	5.34	5.87	6.14	6.92	6.23	5.73	4.82	4.43	4.28	3.73	3.77	3.53	3.84	3.71	3.70	3.26
802	851672	15.92	16.24	16.48	15.45	15.15	14.68	13.01	11.78	10.87	10.04	9.26	9.17	8.26	7.79	7.67	6.26	6.17
803	851679	2.23	2.95	3.50	4.99	5.01	4.87	4.97	4.93	5.54	5.65	5.83	5.68	5.39	5.28	5.13	4.52	4.52
804	851711	4.80	6.54	7.92	8.41	7.04	5.82	5.48	5.62	4.99	5.04	5.42	5.01	4.17	3.82	3.07	2.83	2.95
805	851719	3.83	3.93	4.35	3.14	3.13	2.86	2.47	2.33	1.59	1.60	1.49	1.49	1.55	1.60	1.39	1.11	1.28
806	851810	2.17	1.58	2.13	2.12	2.10	2.50	3.27	3.99	4.53	4.95	4.47	4.83	4.30	4.00	3.91	3.10	2.88
807	851821	2.91	2.99	4.46	4.27	3.49	4.49	4.16	4.03	3.78	3.45	3.45	3.92	3.93	4.28	4.36	3.76	3.73
808	851822	3.51	3.94	3.80	3.53	3.77	4.04	4.36	4.69	4.37	4.66	4.46	4.29	4.14	4.17	3.98	3.49	3.34
809	851829	4.66	4.83	5.88	4.79	4.57	4.40	4.03	4.28	4.08	4.08	3.86	3.80	3.52	3.62	3.90	3.68	3.37
810	851830	4.30	4.32	6.41	4.07	4.55	4.61	4.91	4.65	4.69	4.41	4.73	5.01	4.93	5.07	5.14	4.52	4.31
811	851840	1.30	1.87	1.32	1.55	1.85	3.16	3.50	3.30	3.81	3.78	3.72	3.89	3.75	3.85	4.06	3.68	3.47
812	851890	2.69	3.07	3.13	2.25	2.24	2.44	2.27	2.25	2.21	2.07	2.11	2.46	2.61	2.26	2.50	2.37	2.50
813	851999	2.68	3.94	4.45	4.80	4.98	5.54	5.38	8.17	9.69	8.92	4.41	3.54	2.78	2.42	2.34	2.54	2.60
814	852020	6.24	6.06	4.99	4.78	5.80	5.27	4.44	5.59	3.31	2.16	3.24	3.27	2.36	3.69	2.66	3.26	1.88
815	852190	1.64	1.27	3.29	5.83	7.80	8.00	8.20	7.31	6.76	6.54	5.76	6.29	5.81	4.83	4.76	4.14	4.17
816	852290	3.71	4.30	5.35	5.40	5.85	6.69	6.05	5.98	5.82	5.07	5.25	4.78	4.29	4.14	4.34	3.55	3.23
817	852713	11.89	11.43	8.78	8.66	7.37	7.76	6.61	5.66	5.52	6.67	6.95	5.07	3.40	3.80	4.15	3.41	2.75
818	852719	3.20	4.00	4.76	3.15	1.70	1.95	2.28	2.29	2.09	2.09	1.39	1.49	2.27	3.02	3.89	3.96	4.09
819	852721	1.76	1.65	1.09	1.38	1.44	1.43	1.58	1.50	1.63	1.74	1.81	1.94	1.64	1.60	1.64	1.58	1.44
820	852731	7.20	8.42	7.96	7.42	7.00	8.27	7.43	6.21	5.87	4.50	4.80	4.87	4.47	4.23	4.22	3.80	4.05
821	852732	11.13	10.98	9.80	9.47	8.82	11.02	9.07	6.08	5.00	7.80	7.00	7.57	4.67	4.64	4.79	4.14	3.48
822	852739	2.99	3.24	3.32	2.99	2.35	1.37	1.46	1.50	1.84	1.82	1.20	1.32	1.15	1.46	1.63	1.96	2.81
823	852910	1.47	1.37	1.43	1.18	1.32	1.43	1.17	1.09	1.42	1.76	1.92	2.14	1.92	2.03	2.09	1.72	1.55
824	852990	1.12	1.24	1.38	1.63	2.13	2.36	2.77	2.78	3.22	3.35	1.99	2.23	2.12	2.10	2.04	1.74	1.93
825	853110	1.41	1.19	1.05	1.18	1.13	1.38	1.44	1.43	1.48	1.57	1.65	1.24	1.20	1.44	1.45	1.35	1.42
826	853180	2.34	2.68	2.87	3.20	3.08	2.44	2.18	1.65	1.74	1.38	1.28	1.22	1.06	1.09	1.11	1.10	1.16
827	853222	1.61	1.53	2.28	1.98	2.17	2.28	1.96	1.95	1.89	1.80	1.70	1.79	1.93	1.75	2.17	1.63	2.12
828	853340	1.17	1.25	1.89	1.08	1.30	1.68	1.43	1.62	1.67	1.69	1.72	1.96	2.06	2.06	1.99	1.73	1.79
829	853400	1.74	2.01	1.92	1.52	1.83	1.93	2.00	2.31	2.54	2.93	3.16	3.42	3.21	2.99	3.01	2.59	2.99
830	853641	1.73	1.74	1.68	1.65	1.46	1.39	1.53	1.48	1.52	1.65	1.55	1.68	1.69	1.63	1.50	1.33	1.32
831	853661	2.39	2.34	2.44	2.44	2.47	2.42	2.26	2.20	2.28	2.21	1.91	2.29	2.34	2.49	2.55	2.78	2.57
832	853669	1.46	1.53	1.80	1.65	1.82	2.04	2.08	1.82	1.84	1.81	1.67	1.19	1.13	1.09	1.16	1.04	1.03
833	853921	2.10	2.16	2.55	3.04	2.74	2.62	2.21	1.98	1.93	1.73	1.60	1.76	1.66	1.83	2.01	1.76	1.87
834	853929	2.46	2.23	2.26	2.07	2.02	1.92	1.59	1.64	1.56	1.56	1.79	1.60	1.96	2.29	2.12	1.55	1.51
835	853931	1.59	2.01	3.21	4.33	7.29	5.38	5.15	4.77	4.90	5.67	5.56	5.89	4.91	5.14	5.11	4.40	4.62
836	854160	1.82	1.86	1.77	1.79	2.16	2.47	2.63	2.39	2.40	2.22	1.99	2.03	1.87	1.85	1.81	1.58	1.99
837	854790	4.18	4.23	2.25	2.97	2.85	3.37	3.02	2.72	2.50	2.51	2.29	2.45	1.40	1.47	1.39	1.19	1.30

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
838	860900	10.25	12.89	13.89	15.94	15.34	13.57	12.47	11.39	10.02	9.01	8.58	8.14	5.34	7.00	7.17	5.49	5.28
839	870110	5.74	6.67	7.11	7.24	6.44	5.59	4.22	3.76	3.70	2.75	3.10	3.56	3.88	3.19	3.13	2.51	2.31
840	871200	8.47	9.01	10.36	7.82	7.55	7.57	6.14	5.24	4.51	4.29	3.81	3.61	3.08	3.01	2.94	2.59	3.14
841	871310	1.12	1.26	1.75	1.98	2.28	2.80	2.73	3.22	3.54	3.79	3.36	3.48	3.44	3.70	3.78	3.40	3.15
842	871491	7.67	8.22	8.32	6.87	6.90	6.69	5.99	5.75	5.24	5.09	4.94	5.16	4.42	4.30	4.36	3.73	4.40
843	871492	7.02	5.48	1.66	2.14	2.62	2.43	2.20	2.45	2.68	2.48	2.35	2.82	2.88	3.27	3.34	2.55	2.54
844	871493	3.39	2.87	3.51	3.60	3.91	3.64	3.28	3.32	2.29	2.15	2.02	2.19	1.73	1.57	1.81	1.54	1.44
845	871494	2.61	3.46	3.10	3.69	2.98	2.72	2.10	1.63	1.13	1.54	1.58	1.75	1.43	1.26	1.26	1.06	1.25
846	871495	5.66	6.08	5.50	4.61	3.36	3.15	3.00	3.18	2.88	3.06	2.71	2.91	2.62	2.81	2.92	3.95	2.76
847	871496	3.60	3.47	3.50	3.48	3.32	3.03	2.54	2.60	2.65	2.72	2.05	2.34	1.54	1.48	1.47	1.06	1.16
848	871500	10.26	10.85	11.21	10.01	9.38	8.71	7.90	6.85	6.45	6.20	5.46	5.50	4.79	4.70	4.49	4.20	3.90
849	871680	3.42	3.78	4.39	7.88	5.64	5.31	4.66	4.13	4.00	3.65	3.28	3.44	3.82	3.94	3.93	3.32	3.12
850	890190	1.89	1.85	1.52	1.41	1.53	1.35	1.65	1.35	1.42	1.62	1.86	2.29	2.69	3.12	3.22	2.65	2.26
851	890400	2.01	2.24	3.02	2.07	4.42	4.93	1.79	2.68	2.59	2.56	2.61	2.39	2.79	2.46	2.38	1.98	1.85
852	900410	4.04	4.72	4.39	3.99	3.74	3.06	2.71	2.41	2.32	2.21	2.11	2.05	1.94	1.96	1.85	3.17	1.82
853	900490	3.15	3.62	3.91	4.16	3.96	3.86	3.43	3.38	3.38	3.73	3.58	3.85	3.83	3.81	3.28	3.13	3.54
854	900510	8.24	8.49	7.88	6.92	6.94	5.23	4.51	4.16	3.46	3.20	3.02	2.87	2.19	2.11	2.16	2.37	2.09
855	900580	6.16	6.99	7.07	6.46	4.12	3.07	3.49	3.46	2.97	3.15	3.05	2.68	1.95	1.74	2.12	2.11	1.95
856	900640	1.94	3.00	8.92	8.23	9.40	8.71	8.83	7.89	7.81	5.63	6.66	7.63	7.54	7.27	6.60	5.82	5.53
857	900653	8.29	9.15	8.91	8.78	7.44	5.54	4.04	2.49	2.37	1.76	1.23	1.46	1.75	1.71	1.87	2.06	2.66
858	900669	7.98	7.60	4.58	2.36	2.23	6.82	8.99	9.23	7.92	6.88	5.27	6.50	5.96	5.00	3.93	2.84	4.49
859	900691	1.79	1.71	1.84	1.17	1.16	1.58	2.61	2.63	2.05	1.97	1.38	1.53	1.35	1.29	1.33	1.97	1.67
860	901380	2.31	2.02	2.03	2.31	1.73	2.59	4.20	4.86	4.91	3.90	4.38	4.47	3.29	3.04	3.28	3.06	3.56
861	901730	2.38	2.35	1.78	2.76	2.36	2.21	1.97	1.97	1.93	1.87	1.79	1.65	1.68	1.67	1.67	1.45	1.42
862	901780	3.66	3.54	4.63	4.20	4.26	4.29	3.73	3.63	3.33	3.27	3.21	3.39	3.56	3.72	3.57	3.17	3.17
863	901910	4.52	4.44	4.83	4.88	5.00	4.22	3.70	3.49	3.85	3.66	3.81	3.90	3.71	3.58	3.69	3.29	3.34
864	902511	4.86	4.09	3.94	3.61	4.14	2.76	2.44	2.90	3.48	3.09	3.27	3.22	3.02	3.33	2.97	2.91	3.07
865	902519	2.66	2.91	2.96	2.68	1.70	2.32	2.32	1.79	1.49	1.24	1.15	1.29	1.63	1.34	1.20	1.30	1.40
866	903031	2.08	1.80	2.08	1.64	1.60	1.67	1.90	2.07	1.99	2.03	2.05	1.52	1.63	1.61	1.45	1.36	1.62
867	910211	3.92	3.74	3.84	3.84	3.55	2.98	2.72	2.33	1.99	1.70	1.74	1.71	1.70	1.52	1.31	1.23	1.31
868	910212	9.01	8.11	9.93	10.11	11.06	8.35	9.22	7.94	6.08	5.23	5.08	5.27	5.30	5.07	5.04	4.11	4.12
869	910219	6.27	8.67	8.81	4.51	3.25	3.54	2.86	2.95	2.72	2.31	2.28	1.94	2.56	2.90	2.15	3.05	2.86
870	910291	3.31	3.08	7.23	7.10	4.78	5.71	5.93	4.18	4.96	4.13	3.74	4.42	2.44	1.71	1.15	1.72	2.81
871	910310	10.31	11.57	9.05	7.11	7.84	7.58	6.92	6.39	5.24	4.66	3.10	2.39	5.94	4.57	4.57	3.30	2.81
872	910511	16.56	17.70	17.90	16.26	15.08	13.60	12.03	10.55	9.43	8.58	7.75	7.62	7.07	6.94	6.91	5.90	5.83
873	910519	14.67	14.38	13.10	12.62	12.26	10.32	7.18	6.10	6.11	5.55	4.44	3.39	3.77	2.89	2.65	2.37	1.80
874	910521	11.24	13.58	13.66	10.76	10.60	10.28	9.00	8.77	7.58	7.02	6.49	6.64	6.72	6.77	6.79	5.79	5.75
875	910591	10.48	12.73	12.08	10.58	11.25	10.61	9.77	9.57	8.72	7.94	7.20	6.36	5.94	6.02	5.61	4.63	4.67
876	910690	4.10	4.42	4.59	3.94	3.48	3.69	3.23	3.52	3.15	2.57	2.31	2.63	2.72	2.57	2.85	2.54	1.72
877	910812	11.25	12.72	10.52	10.80	12.66	11.64	8.19	7.84	9.77	6.58	6.30	4.14	5.46	4.28	3.44	4.40	4.70
878	910820	6.50	4.37	3.53	3.51	3.64	1.68	2.27	2.13	2.10	1.71	2.34	2.65	1.14	1.09	1.02	2.17	3.60

(Contd.)

Table E6: ***(Contd.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
879	910919	6.38	5.96	7.07	8.34	6.70	6.15	5.50	5.65	4.13	4.61	4.83	5.01	4.91	5.15	5.93	4.72	5.27
880	911012	8.09	12.30	12.23	7.70	1.19	3.62	3.33	4.36	4.64	4.84	4.11	4.72	4.10	3.95	6.47	5.64	6.10
881	911120	8.66	8.21	9.19	8.54	7.53	7.58	7.32	6.27	6.64	6.63	6.08	6.04	5.22	4.94	5.55	4.79	5.17
882	911280	6.24	9.95	6.22	4.42	5.40	3.03	4.99	4.24	3.81	5.38	3.32	5.70	5.14	2.81	5.29	4.74	2.91
883	911320	6.18	5.75	4.72	4.34	3.65	3.63	3.47	2.65	2.22	2.17	2.26	2.74	3.09	3.15	3.18	2.95	3.01
884	911430	7.13	7.31	6.60	5.50	4.86	4.45	3.78	3.02	2.77	2.66	2.63	2.77	2.69	2.75	2.66	2.72	2.78
885	920210	4.20	4.09	5.81	6.58	6.25	6.46	5.32	5.10	4.83	4.94	4.34	4.56	4.29	3.85	3.97	3.91	3.62
886	920290	2.73	3.18	3.35	3.16	3.37	3.74	3.66	3.64	3.80	3.38	3.58	3.90	3.73	3.86	3.82	3.27	3.10
887	920710	3.41	3.14	3.88	3.22	3.03	4.10	4.15	3.94	3.75	3.59	3.43	3.25	3.19	3.30	2.96	2.79	2.62
888	920810	15.74	18.35	17.01	14.54	12.64	11.33	9.97	7.24	5.52	5.88	5.66	6.12	5.87	5.78	5.97	4.69	5.18
889	920991	1.65	1.71	4.42	4.18	4.71	4.07	2.96	3.35	2.78	2.91	2.71	3.26	1.71	1.94	1.84	1.55	1.80
890	920992	2.27	3.75	3.07	2.74	2.27	1.96	1.63	1.52	1.45	1.45	1.32	1.33	1.31	1.43	1.63	1.26	1.45
891	940169	3.26	2.82	2.89	2.93	3.02	3.40	3.33	3.15	2.88	3.05	3.12	2.55	3.01	2.67	2.32	2.49	2.30
892	940171	1.15	1.58	2.37	2.67	3.21	3.54	3.32	3.16	3.70	4.06	4.41	4.73	4.73	4.97	5.15	5.49	5.10
893	940179	8.45	10.51	10.71	9.16	8.87	8.51	7.77	7.67	7.08	6.82	6.41	6.38	5.84	5.76	5.60	5.17	4.92
894	940180	1.48	2.07	2.23	2.76	2.83	2.63	2.24	2.32	2.07	1.66	1.81	3.00	2.63	2.75	2.59	2.88	2.79
895	940320	1.73	1.93	2.32	2.39	2.79	3.00	3.06	3.17	3.45	3.54	3.37	3.68	3.40	3.60	3.66	3.90	3.83
896	940340	1.12	1.26	1.46	1.45	1.35	1.36	1.34	1.13	1.06	1.12	1.09	1.05	1.14	1.25	1.25	1.43	1.23
897	940350	1.05	1.07	1.34	1.69	2.05	2.56	2.84	2.77	2.87	3.08	2.86	2.70	2.70	2.84	2.76	2.89	2.55
898	940360	1.26	1.32	1.39	1.50	1.46	1.69	1.67	1.70	1.80	1.77	1.60	1.51	2.05	2.49	2.48	2.47	2.12
899	940380	2.92	3.84	3.37	3.27	2.97	3.12	3.26	3.33	2.97	2.91	3.10	3.92	4.51	4.08	4.39	4.94	4.49
900	940410	1.45	1.69	1.57	2.02	1.95	2.04	2.01	1.96	1.92	2.22	2.31	2.92	2.84	2.36	2.76	2.82	2.60
901	940421	2.26	1.96	1.62	1.44	1.41	1.21	1.11	1.64	1.71	1.77	1.99	1.75	1.27	1.41	1.48	1.77	1.50
902	940429	4.54	3.13	2.84	2.31	3.18	2.17	1.16	1.24	1.42	1.42	1.41	1.36	1.42	1.85	1.81	2.21	1.95
903	940430	15.86	15.69	15.78	16.13	14.39	13.14	11.08	9.92	9.23	8.60	7.58	6.94	6.40	6.18	6.24	5.20	5.03
904	940490	8.82	7.66	8.55	9.04	8.43	7.80	7.22	6.88	6.87	6.56	6.15	5.81	5.53	5.53	5.42	4.75	4.51
905	940510	1.84	1.87	2.37	2.80	2.57	2.54	2.49	2.58	2.53	2.58	2.38	2.33	2.26	2.43	2.26	2.38	2.90
906	940520	7.42	7.31	8.58	8.43	8.02	7.57	6.56	5.75	5.28	4.72	4.11	3.88	3.54	3.72	3.82	3.86	4.61
907	940530	22.10	22.21	22.33	19.89	17.89	15.79	13.68	12.28	11.18	10.33	9.38	9.15	8.05	7.54	7.38	6.09	6.11
908	940540	3.90	3.64	3.97	4.43	4.71	4.76	4.58	4.29	4.09	3.78	3.54	3.96	3.04	3.51	3.50	3.35	3.74
909	940550	3.99	4.24	7.05	8.11	8.16	9.67	8.99	7.60	7.02	6.99	6.93	7.14	6.47	6.03	6.31	5.37	5.14
910	940591	2.94	2.73	2.82	2.50	2.31	2.22	2.13	2.44	2.68	2.59	2.72	3.07	4.58	4.77	5.23	6.20	6.11
911	940599	2.13	2.68	2.64	2.58	2.20	2.33	2.10	2.37	2.59	2.73	2.86	3.00	3.75	3.53	4.21	4.96	4.37
912	950390	12.29	12.96	13.17	12.12	10.68	9.49	8.09	7.19	6.29	5.78	5.31	4.99	4.33	4.15	3.98	3.48	3.31
913	950410	1.33	1.56	1.15	2.73	4.23	6.63	9.09	9.08	8.46	7.19	4.74	4.65	3.58	3.56	4.08	4.16	4.12
914	950420	2.42	2.87	3.54	3.51	4.60	5.23	4.87	4.64	4.74	4.18	3.49	3.47	3.12	3.54	3.59	2.58	3.46
915	950440	4.23	4.07	2.68	1.60	1.83	2.46	1.86	1.84	2.33	1.98	1.51	1.86	1.82	2.04	2.07	1.79	1.67
916	950490	5.25	4.44	3.13	2.75	2.08	2.64	2.96	3.50	4.86	4.70	4.06	4.26	4.04	3.39	4.44	3.62	3.25
917	950510	15.73	15.69	14.70	13.03	12.00	11.23	10.23	8.48	7.41	7.02	6.95	7.17	6.60	6.26	6.29	5.54	5.62
918	950590	4.00	3.84	3.44	3.39	3.66	3.79	3.81	3.72	3.37	3.23	3.44	3.77	3.38	3.10	3.01	2.68	2.77
919	950639	3.43	4.17	4.29	3.13	3.43	3.39	3.24	3.74	4.24	4.47	4.56	4.84	4.59	3.79	3.62	3.25	4.15

(Contd.)

Table E6: ***(Concld.)***

Sr. No.	Product Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
920	950640	5.90	5.54	5.41	5.49	4.81	3.65	3.01	2.88	2.81	2.68	2.37	2.92	2.88	3.34	3.70	3.10	3.25
921	950651	11.26	10.46	8.55	10.34	7.46	5.94	4.36	3.21	3.08	3.64	3.06	3.48	2.96	3.03	2.88	2.94	2.83
922	950659	12.58	10.95	10.57	10.79	10.42	9.78	8.47	8.22	7.71	7.24	6.42	6.18	5.55	5.66	5.65	4.87	4.98
923	950661	2.73	3.05	2.64	2.70	2.60	2.23	2.32	2.75	2.63	2.33	2.20	2.94	2.83	2.94	2.82	2.28	2.23
924	950662	8.94	8.17	7.45	6.81	6.80	6.71	4.87	4.40	4.33	4.11	4.38	4.52	4.51	4.19	4.23	3.87	3.76
925	950669	12.51	12.77	12.55	10.86	10.35	9.20	7.14	7.06	6.47	6.37	5.89	6.16	5.57	5.42	5.05	4.82	4.65
926	950670	5.54	5.88	6.79	6.83	7.07	6.83	5.37	5.00	4.67	4.93	5.62	5.48	4.98	4.72	5.24	4.40	4.29
927	950691	6.37	6.59	6.93	7.87	7.15	6.12	5.84	6.05	5.85	5.60	5.32	5.49	5.05	4.92	4.74	4.18	4.28
928	950699	2.04	2.37	2.85	3.17	2.58	2.35	2.10	2.40	2.43	2.47	2.89	3.14	2.67	2.64	2.82	2.67	2.60
929	950710	6.28	7.63	7.05	7.18	7.17	6.91	6.85	6.51	6.14	6.02	5.54	5.92	5.70	5.29	5.25	4.36	4.78
930	950720	4.65	4.41	4.55	3.24	3.40	3.05	2.51	2.20	2.11	2.32	2.06	3.18	3.04	2.52	2.57	2.29	2.34
931	950730	2.36	2.88	2.70	2.90	3.58	4.03	3.79	3.71	3.41	3.36	3.18	3.36	3.51	3.23	3.47	2.79	2.92
932	950790	1.86	2.08	2.47	2.92	3.18	3.23	3.11	3.04	3.03	2.84	2.88	2.98	2.89	2.88	2.91	2.71	2.66
933	960310	6.50	5.73	4.04	3.27	3.23	2.69	2.36	2.15	2.13	1.84	1.83	1.77	1.74	1.74	1.99	1.83	2.07
934	960321	1.64	1.93	1.97	1.77	1.82	1.29	1.46	1.40	1.56	1.75	2.18	2.43	2.34	2.33	2.34	2.19	2.15
935	960329	4.78	5.13	4.42	4.14	4.09	3.22	3.40	3.19	3.92	4.17	4.15	4.69	4.15	4.01	3.85	3.70	3.72
936	960330	5.27	4.80	4.71	4.38	3.97	3.47	2.88	2.61	2.44	2.41	2.23	2.50	2.09	2.18	2.10	2.10	1.84
937	960340	9.13	8.11	8.27	8.02	7.51	6.77	6.07	6.02	5.65	5.25	5.01	5.31	4.88	4.93	4.88	4.20	4.07
938	960350	1.72	1.90	1.75	1.58	1.39	1.41	1.23	1.64	1.70	1.56	1.59	1.80	1.77	1.51	1.64	1.50	1.35
939	960390	2.47	2.08	2.44	1.76	2.01	2.35	2.61	2.91	3.33	3.47	3.77	4.38	4.23	3.97	4.54	4.19	4.04
940	960500	10.40	12.53	12.54	10.55	10.64	10.90	9.49	9.04	7.91	7.17	7.02	7.23	6.54	6.23	6.26	5.37	5.44
941	960621	1.75	1.85	2.24	2.00	1.82	1.97	1.81	1.79	1.71	1.73	1.83	2.19	2.27	2.54	2.52	2.58	2.89
942	960622	5.62	4.70	5.12	5.39	4.55	4.55	4.32	3.83	3.34	3.57	3.98	4.37	4.10	4.27	4.38	4.54	4.74
943	960630	4.47	3.70	5.31	4.33	2.64	1.97	1.85	1.61	1.20	1.79	2.89	1.69	1.79	1.68	1.45	2.34	1.66
944	960711	2.15	2.01	2.17	1.73	1.65	1.59	1.62	1.71	1.71	1.97	2.38	2.61	2.44	2.44	2.43	2.58	3.00
945	960719	4.88	4.30	3.47	2.73	3.14	2.92	2.79	2.99	3.02	2.80	3.16	3.49	3.07	2.97	3.14	2.91	3.53
946	960720	2.76	2.54	2.33	1.88	1.93	1.67	1.44	1.28	1.34	1.73	1.79	1.87	1.75	1.72	1.72	1.72	1.84
947	960820	1.10	1.55	1.77	2.29	2.41	2.47	2.22	2.37	2.55	2.73	2.58	2.62	2.50	2.44	2.30	2.13	2.09
948	960840	1.46	1.96	1.78	2.22	2.21	2.37	2.58	2.81	2.72	3.00	3.37	3.46	3.09	3.14	2.97	2.58	2.65
949	960850	1.95	3.02	3.27	2.63	3.00	3.83	5.77	6.47	5.20	5.21	5.23	5.77	4.75	4.53	4.49	4.61	4.34
950	960910	6.06	4.64	5.76	5.62	4.77	4.35	3.82	3.72	3.48	3.38	3.29	3.29	3.14	3.16	3.16	2.71	2.71
951	960920	1.38	1.55	2.07	1.41	1.84	1.46	1.32	1.17	1.19	1.38	1.54	1.54	1.62	1.88	2.05	1.66	1.95
952	960990	3.86	3.44	3.44	2.65	2.88	2.65	3.00	3.33	3.29	3.20	3.23	3.35	3.33	3.19	3.29	3.05	3.37
953	961310	6.21	5.61	5.41	5.89	5.42	4.77	4.12	3.39	3.63	2.90	2.46	2.93	2.70	2.61	2.57	2.43	2.17
954	961320	10.13	12.07	11.41	12.16	12.47	10.53	8.97	8.19	7.69	7.53	6.86	6.51	6.47	6.13	6.10	5.09	4.77
955	961380	3.45	3.93	3.73	3.84	3.67	3.07	3.20	3.31	3.26	3.00	2.86	3.09	3.19	3.10	2.94	2.50	2.52
956	961390	2.33	3.33	2.56	1.75	2.12	2.22	2.02	1.83	2.51	2.28	2.21	2.46	2.48	2.73	2.44	3.02	2.42
957	961511	9.96	10.88	11.79	10.67	10.25	9.69	8.49	8.36	8.40	7.64	7.22	7.45	7.08	7.09	7.28	6.01	6.08
958	961519	9.73	8.98	7.73	6.75	5.96	5.77	5.44	4.99	4.78	4.53	4.18	4.39	4.56	4.96	5.31	4.66	4.75
959	961590	2.64	2.57	2.47	3.42	3.86	3.57	2.71	2.58	2.39	2.52	3.30	3.77	3.27	3.19	3.62	3.16	3.48
960	961620	3.66	2.75	3.49	2.33	2.13	2.00	1.70	2.10	2.16	2.40	1.83	2.23	2.22	2.14	2.51	2.74	2.80
961	961700	7.98	8.74	9.34	8.69	8.38	7.83	6.59	8.21	7.88	7.18	6.90	7.59	6.79	6.49	6.41	5.18	5.19
962	961800	1.35	1.33	1.36	1.54	2.02	2.06	1.93	1.96	2.01	2.06	1.85	2.16	2.48	3.17	3.13	3.71	3.37

DOCUMENTATION

The purpose of this section is to make available to the readers official documents such as reports of committees, commissions, working groups, task forces, etc., appointed by various ministries, departments, agencies of central and state governments and international organisations, which are not readily accessible either because they are old, or because of the usual problems of acquiring governmental publications, or because they were printed but not published, or because they were not printed and remained in mimeographed form. We also present in this section, official documents compiled from scattered electronic and/or other sources for ready reference of the readers. It will be difficult and probably not worthwhile to publish the documents entirely. We shall publish only such parts of them as we think will interest our readers. The readers are requested to send their suggestions regarding official documents or parts thereof for inclusion in this section.

We are also keen to publish Papers, Notes or Comments based on the material included in this section. We invite the readers to contribute the same to our journal, which we shall consider for publication in subsequent issues of the journal, after the usual refereeing process.

In the present section, we publish:

1. Extract from *The BRICS Report:* A Study of Brazil, Russia, India, China, and South Africa with Special focus on Synergies and complementarities, Oxford University Press, Government of India, 2012. Chapters 1, 3, 4, and 5.

2. Extract from *BRICS Joint Statistical Publication 2014.*

THE BRICKS REPORT
A Study of Brazil, Russia, India, China, and South Africa with special focus on synergies and complementarities

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1 Overview of BRICS

Basic Information on BRICS Countries

In the past few decades, some large economies such as Brazil, Russia, India, China, and South Africa (BRICS) have acquired a vital role in the world economy as producers of goods and services, receivers of capital, and as potential consumer markets. The BRICS economies have been identified as some of the fastest growing countries and the engines of the global recovery process, which underscores the changed role of these economies. Even in the G-20 countries' forum, BRICS are playing a formidable role in shaping macroeconomic policy after the recent financial crisis. At present, these five countries encompass over 40 per cent of the world's population and account for nearly 25 per cent of total global GDP in terms of PPP. If one compares the GDP in PPP terms, four economies figure among the top ten, with China, India, Russia, Brazil, and South Africa in 2nd, 4th, 6th, 8th, and 26th places, respectively (Table 1.1). In terms of contribution to growth of PPP-adjusted global GDP of the world, these five economies accounted for 55 per cent during 2000-8, and their contribution is expected to rise in the coming years.

Table 1.1 Overview of BRICS, 2010

	GDP in PPP (in US$ billion)		GDP (US$ billion)		Share in World GDP (in per cent)		Per Capita GDP (US$)	
	Rank in World	GDP	1990	2010	1990	2010	1990	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Brazil	8	2,172	508	2,090	3.3	2.9	3,464	10,816
Russia	6	2,223	-	1,465	-	3.0	-	10,437
India	4	4,060	326	1,538	3.1	5.4	378	1,265
China	2	10,086	390	5,878	3.9	13.6	341	4,382
South Africa	26	524	112	357	0.9	0.7	5,456	7,158

Source: IMF database. Note: - Not available.

The BRICS comprise a huge land share of the world (Table 1.2) and, as a result, own vast natural resources. China, which has a land area of about 9.6 million sq. km, is the third-largest country in land size, after only Russia and Canada. Russia accounts for around 20 per cent of the world's oil and gas reserves, while China has about 12 per cent of the world's mineral resources. In terms of agricultural land, Russia has 121.5 million hectares of arable land. Brazil covers 47 per cent of South America and is the fifth-largest country in the world (8.5 million sq km), surpassed only by Russia, Canada, China, and the United States of America.

Each of the BRICS countries has multiple and different attributes and thus each has a huge potential to develop. Brazil is extremely rich in resources such as coffee, soybeans, sugar cane, iron ore, and crude oil, with around 60 million hectares of arable land (just 7 per cent of its land area) but with an agricultural area of 31.2 per cent of the total land area. Russia is noted for its massive deposits of oil, natural gas, and minerals. India is a strong service provider with a rising manufacturing base, while China is seen as the manufacturing workshop of the world with a highly skilled workforce and relatively low wage costs. South Africa is the 26th largest economy in the world, with a GDP of US$ 357 billion. It is a medium-sized country with a total land area of slightly more than 1.2 million sq. km and around 12 per cent arable land area. It is the world's largest producer of platinum and chromium and holds the world's largest known reserves of manganese, platinum group metals, chromium, vanadium, and alumino-silicates. South Africa generates 45 per cent of Africa's electricity and the South African power supplier provides the 4th cheapest electricity in the world.

Table 1.2 Land Use in BRICS, 2008

Country	Land Area (1,000 ha)	Arable Land (1,000 ha)	Area Harvested for Cereals (1,000 ha)	Production of Cereals (1,000 ha)	Irrigated Land (1,000 ha)	Irrigated Land (per cent of arable land)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Brazil	845,942	61,000	20,220	71,288	4,500	6.6
Russia	1,637,687	121,649	41,716	95,079	4,346	3.5
China	932,749	108,642	88,593	483,680	64,141	52.3
India	297,319	158,145	99,880	246,774	62,286	36.8
South Africa	121,447	14,500	3,319	14,586	1,498	9.7
World	**13,003,469**	**1,380,515**	**708,495**	**2,489,302**	**306,247**	**21.1**

Source: FAO Statistical Year Book, 2010.

Economic Growth

It is widely perceived that over the next few decades the growth generated by the largest developing countries, particularly the BRICS, could become a much more significant force in the world economy. Among the BRICS, India and Brazil are relatively more domestic demand-driven economies. As a group, they witnessed faster economic recovery from the 2008 financial crisis than advanced and other emerging market economies (EMEs). Although they have strong external linkages, they have nonetheless undergone significant rebalancing of their economies towards their domestic sectors in the post-crisis period. According to an estimate by Goldman Sachs, the four original BRIC countries are expected to represent 47 per cent of global GDP by 2050, which would dramatically change the list of the world's 10 largest economies. An important change that we may expect over the medium to long term is that the top 10 countries in terms of GDP may be different from the top 10 countries in terms of per capita GDP.

The inherent strength of the BRICS emanates from strong domestic demand-based economies in the case of India and Brazil and the significant outward linkages of China and Russia. South Africa benefits from its large resource base and proximity to untapped growth potential of the African continent.

Among the BRICS, China, followed by India, are the fastest-growing economies in the current decade. Between 1978 and 2009, the Chinese economy grew at an average annual rate of 9.9 percent, which is much higher than the world average for the period. The growth performance of Russia and Brazil also improved significantly after the financial crises of the 1990s.

The sustained economic reforms and improved macroeconomic fundamentals along with a buoyant macroeconomic environment contributed to the improved growth performance of the BRICS in the current decade (Table 1.3).

The strong growth performance of the BRICS is attributed to strong macroeconomic fundamentals, as reflected by the high savings and investment rates, even though Brazil and South Africa still have room to increase these rates. South Africa's investment ratio has increased strongly over the past decade as government and public corporations have stepped up infrastructure investment, but overall investment is constrained by low savings.

Among the BRICS, China has the highest saving and investment rates followed by India. High savings have also helped reduce the contribution of net exports to GDP in the case of China and India. As a result, high investment-led growth was largely financed by domestic savings (Table 1.4).

The salient features of the BRICS economies are their large geographical dimensions and size of population. It is widely perceived that all the BRICS markets have great potential for establishing the most stabilising of forces, that is, a prosperous middle class. This middle-income group in each country is growing at varying rates but the future direction is clear, that is, the middle class will both broaden and deepen, providing a solid base for the growth and development of the economies.

Linkages between Agriculture, Industry, and Services Sectors

The output structures in the BRICS veconomies have changed significantly when compared to previous decades. The declining share

Table 1.3. Growth Rate of Gross Domestic Product

(per cent)

	1991-2002	2002	2005	2006	2007	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
BRICS								
Brazil	2.6	2.7	3.2	4.0	6.1	5.2	-0.6	7.5P
Russia	-	4.7	6.4	8.2	8.5	5.2	-7.8	4.0P
India	5.7	4.6	9.2	9.8	9.4	7.3	5.7	10.4
China	10.3	9.1	10.4	11.6	13.0	9.6	8.7	10.3
South Africa	2.1	3.7	5.3	5.6	5.8	3.7	-1.7	2.8
Advanced Economies	2.8	1.7	2.7	3	2.8	0.5	-3.2	3.0
Euro Area	2.1	0.9	1.7	3	2.8	0.6	-4.1	1.7
USA	3.5	1.8	3.1	2.7	2.1	0.4	-2.4	2.8

Source: *World Economic Outlook*, IMF (2011).
Note: P: Projection; - Not available.

Table 1.4 Gross Domestic Investment and Savings

(per cent to GDP)

		1990	1995	2000	2006	2007	2008	2009	2010
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Brazil	Investment	20.2	18.0	18.3	16.8	18.3	20.7	16.5	19.3
	Saving	21.4	16.5	16.5	19.7	18.8	18.4	16.1	17.0
Russia	Investment	-	25.4	18.7	21.4	24.1	26.2	22.7	19.8
	Saving	-	28.8	38.7	34.1	33.2	34.9	33.0	24.7
India	Investment	24.2	26.6	24.2	36.0	37.6	35.6	34.5	37.9
	Saving	22.7	25.4	23.2	32.9	33.5	30.2	29.8	34.7
China	Investment	36.1	41.9	35.1	43.6	41.7	42.5	44.8	48.8
	Saving	39.6	44.1	37.5	51.3	50.5	50.2	54.2	54.0
South Africa	Investment	-	18.2	15.9	19.7	21.3	22.0	19.4	21.7
	Saving	19.1	16.5	15.8	14.4	14.1	14.9	15.4	20.0

Source: World Bank Database. Note: - Not available.

of agriculture in their respective GDPs has been a common trend over the years. While there has been considerable stability in agricultural growth in Brazil and Russia during 2000-5 compared to earlier decades, agricultural performance in India and China has shown greater volatility. However, Russia has experienced a decline in share of agriculture from 7.6 per cent in 1995 to 4.9 per cent in 2008, while Brazil's share remained relatively stable between 1995 and 2008 (Table 1.5). Another common trend is the rising share of services in BRICS country GDPs since 1990. In China, industry continues to dominate in GDP at around 42.8 per cent in 2008 (around 35.5 per cent in 1990), while the share of services has increased from 38.5 per cent in 1990 to 45.7 per cent in 2008.

Agri-business plays a central role in Brazil's economic development, engaging 35 per cent of its workforce and contributing to almost 42 per cent of its export dollars. Brazilian agriculture has undergone dramatic changes in the past few decades. From a net importer of food grains until the 1970s, Brazil has emerged as the major net exporter of food products. A similar trend is witnessed in the case of India, where the Green Revolution and developments in biotechnology helped the country become self-reliant in food production. With increasing global demand for

food and scarcity of arable land in the world, agronomic conditions will enable Brazil to continue its growth and become a larger supplier of agricultural commodities to nations around the world. In China, especially since 1991 with the introduction of the socialist market economy system, many changes in urban areas were ushered in. The share of primary industry rapidly went down, while that of the secondary and tertiary industries increased. In Russia, there are measures to implement the National Project in agro-industrial complex. Among the BRICS, South Africa has the smallest share of agriculture in GDP, at around 3 per cent and its services sector accounts for more than 60 per cent of the total GDP.

Table 1.5. Sectoral Share in GDP

(percentage to GDP)

Country	Sectors	1990	1995	2000	2005	2008	2009
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Brazil	Agriculture	10.1	5.8	5.6	5.7	5.9	6.1
	Industry	29.9	22.0	27.7	29.3	27.9	25.4
	Services	60.0	72.2	66.7	65.0	66.2	68.5
Russia	Agriculture	-	7.6	6.7	5.4	4.9	4.7
	Industry	-	27.9	31.4	32.9	29.7	32.9
	Services	-	64.6	62.0	61.6	65.6	62.4
India	Agriculture	30.0	26.8	23.2	18.9	19.0	17.1
	Industry	22.3	23.2	20.7	21.0	21.0	28.2
	Services	47.7	50.0	56.1	60.0	60.0	54.6
China	Agriculture	26.0	19.7	15.2	12.2	11.6	11.0
	Industry	35.5	40.6	40.7	42.2	42.8	48.0
	Services	38.5	39.7	44.1	45.6	45.7	41.1
South Africa	Agriculture	4.6	3.9	3.3	2.7	3.2	3.0
	Industry	40.1	34.8	31.8	31.2	32.5	31.1
	Services	55.3	61.3	64.9	66.2	64.3	65.8

Source: United Nations System of National Accounts. Note: - Not available.

In terms of the World Economic Forum ranking on global competitiveness, China ranks 27 (out of 139 countries) in 2010-11, while the rest of the BRICS economies are placed at 51 (India), 54 (South Africa), 58 (Brazil), and 63 (Russia), respectively. The better rank of China can be attributed to its large market size (2), macroeconomic environment (4), and innovation (26). The ranks of various indicators of competitiveness suggest that the BRICS have strong and deep markets, which is also evident in the case of South Africa (Table 1.6).

Education, Inequality, Demographic Trends, and Other Social indicators

The demographic dividend that BRICS economies enjoy, in comparison with rapidly aging societies and longer life-expectancies in advanced countries, is likely to benefit the group in the future. The share of the urban population is rising and the child-dependency ratio is falling, pointing to a rising share of the working age population. The increasing labour force shows the huge demand-and-supply potential in the BRICS economies (Table 1.7).

Though these economies are better placed demographically than advanced countries, a decline in the working age population is expected to take place at a faster pace in some of the BRICS countries. At present, the population in the age group of 0 to 14 years is the highest in India (32.1 per cent), followed by Brazil (27.9 per cent), China (21.4 per cent), and Russia (15.3 per cent). It is expected that the average age of the population in India will decline, before it begins to rise after 25 years. According to projections by the United Nations, the median age in India will cross 30 only by 2025 and will remain at around 35 until 2040. In 2020, the average Indian will be only 29 years old, compared with the average age of 37 years in China and the US, 45 years in Western Europe and 48 years in Japan.

Table 1.6. Rank on Global Competitiveness Index (GCI), 2010-11

Country	Global Competitive Index	Infrastructure	Macroeconomic Environment	Higher Education and Training	Market Size	Business Sophistication	Innovation
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Brazil	58	62	111	58	10	31	42
Russia	63	47	79	50	8	101	57
India	51	86	73	85	4	44	39
China	27	50	4	60	2	41	26
South Africa	54	63	43	75	25	38	44

Source: *Global Competitiveness Report 2010-11*, World Economic Forum.

Table 1.7. Population and Demographic Profile of BRICS

	Total Population (million)		Urban Population (per cent of total)		Dependency Ratio		Total Fertility Rate (births per woman)	
Country	1990	2010	1990	2010	1990	2010	1990	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Brazil	149.6	195.4	73.9	86.5	65.9	47.9	2.6	1.7
Russia	148.1	140.4	73.4	73.2	49.4	38.7	1.6	1.5
India	862.2	1214.5	25.6	30.0	71.5	55.6	3.9	2.5
China	1142.1	1354.1	26.4	47.0	51.2	39.1	2.0	1.8
South Africa	36.7	50.5	52.0	61.7	72.7	53.6	3.3	2.4

Source: *Human Development Report*, UNDP.
Note: Data for 1990 in the case of Russia has been taken from *HDR* 2010.

As projected, China's population would peak at around 1.5 billion in the beginning of 2030s and decline slowly afterwards. According to government estimates, the population of India is expected to increase from 1,029 million to 1,400 million during the period 2001-26, which is an increase of 36 per cent in 25 years at the rate of 1.2 per cent annually.

According to 2010 data, India has an urbanisation rate of less than 30 per cent, and China's a little more than 40 per cent, while Russia's and Brazil's rates are 73 and 85 per cent, respectively. In the case of South Africa, about 61.7 per cent of the population lives in urban areas. Judging from these data, it is evident that China and India still have much room for urbanisation, which will become an engine for their future growth. South Africa's fertility rate has declined over the past decade due to rapid urbanisation and the high

prevalence of HIV/AIDS.

The BRICS economies have to work together to improve living conditions for their populations and the quality of social services. Various social sector indicators suggest that there is a large scope for improvement in all the BRICS economies (Table 1.8). Among the BRICS, the Russian Federation ranks highest (71st out of 169 countries) in terms of the Human Development Index (HDI, 2010), while South Africa (129th) and India (134th) are ranked the lowest. South Africa has fairly high adult literacy rates (per cent of population 15 years and older) for both males (88.9 per cent) and females (87.2 per cent) (HDI, average for 1999-2007).

Table 1.8 Social Sector Indicators, 2007

	Brazil	Russia	India	China	SA
(1)	(2)	(3)	(4)	(5)	(6)
Human Development Index (HDI, 2007)					
HDI Rank	75	71	134	92	129
Adult Literacy (per cent of 15 yrs and above during 1999-2007)					
Male	89.8	99.7	76.9	96.5	88.9
Female	90.2	99.4	54.5	90	87.2
Child-related Indicators					
Gross Enrolment Ratio (2007)	87.2	81.9	68.7	61.0	76.8
Children under Age 0-5 yrs (during 2000-6)	6	3	46	7	12
Population below Income					
National Poverty Line	21.5	19.6	28.6	2.8	-
Population not Using Improved Water Supply (2006)	9	3	11	12	7
Life Expectancy (yrs)					
Male	68.6	59.9	62.0	71.3	53.2
Female	75.9	72.9	64.9	74.7	49.8
Inequality Measures					
Richest 10 per cent to Poorest 10 per cent	40.6	11	8.6	13.2	35.1
Gini Index	55.0	37.5	36.8	41.5	57.8

Source: UNDP, *Human Development Report*, 2010.
Note: - Not available.

Better quality healthcare provision has reduced infant mortality in Brazil (from 47 per 1,000 live births in 1990 to 22.5 in 2009), contributing to an improvement in the well-being of the Brazilian population, which is somewhat witnessed in Russia as well.

Fiscal Sector

As a result of the 2007-9 crisis, fiscal stability in many countries deteriorated. Most countries encountered rising fiscal deficits and public debts and, therefore, had to implement fiscal consolidation. Fiscal consolidation was the main point on the agenda of the G-20 Summit in Toronto, June 2010. G-20 leaders agreed to implement responsible economic policies, eliminate fiscal deficits resulting from stimulus programmes, and prevent the escalation of growth in public debt. In particular, it was decided to reduce the fiscal deficit twofold in three years.

BRICS economies have different political systems. Therefore, the political environments

under which reforms are initiated and implemented are quite distinct. For instance, China has a socialist democratic political system. India is a federal republic that has a democratic set-up with a parliamentary system similar to England; India is also the world's largest voting republic, with participatory multi-party democracy. The politics of Russia and Brazil take place within the framework of a federal presidential republic. South Africa has been a constitutional multi-party democracy since the end of Apartheid in 1994. In all the BRICS countries, governments have played a significant role in the growth and development process. In early 2000, the BRICS initiated fiscal consolidation measures. In addition to putting in place the Fiscal Responsibility Law (FRL), Brazilian authorities are committed to maintaining primary surplus targets stipulated in the draft Budget Guidelines Law every year. Similarly, in India, the fiscal position of the central government underwent consolidation in terms of targeted reduction in fi scal deficit indicators under the Fiscal Responsibility and Budget Management (FRBM) Act. In the same manner, Chinese authorities showed their commitment to reform the budget process. In the late 1990s, South Africa took steps to improve the transparency of budgeting by publishing medium-term expenditure estimates over a three-year horizon. This coincided with a period of debt consolidation to reduce interest payments and reforms to improve the efficiency of tax collection.

Russia has taken a number of steps to achieve this goal. Already in the Law on Federal Budget for 2011-13, a substantial reduction in deficit (resulting, in part, from the fall in public spending/GDP ratio) was envisaged. The deficit was to decline from 5.9 per cent of GDP in 2009 to 3.6 per cent of GDP on 2011 and, further to 2.9 per cent of GDP in 2013. In practice, actual market conditions helped significantly improve fiscal balance forecasts. The Law on Federal Budget for 2012-14 envisages reduction in deficit to 1.6 per cent of GDP in 2013 and 0.7 per cent of GDP in 2014. Fiscal consolidation also featured prominently in the Budget Address of the President, which required elimination of federal budget deficit by 2015.

Apart from reducing the deficit, a number of other important measures were taken in Russia to achieve medium- and long-term budget stability. In particular, it was decided to re-expand the Reserve Fund and to re-introduce fiscal rules (which were cancelled during the crisis) in 2015; the latter will be modified taking into account the crisis experience.

Already at the end of 2011, a substantial part of fiscal oil and gas revenues will be transferred to the Reserve Fund, which was significantly depleted during the crisis when it was the main source of financing the government's stimulus programme. In fact, most of the extra revenues (as compared to the original Law on Budget) resulting from the favourable external conditions will be transferred there; only a small part has been used to increase expenditures. Expansion of the Reserve Fund is also planned for 2012-14.

Currently, in Russia, there is an active discussion (in the framework of expert groups on the update of '2020 Strategy') of new budgetary rules to be implemented in the near future. These rules will likely put upper bounds on federal public expenditures depending on the external parameters and contribute to the medium- and long-term fi scal stability.

In contrast to China, India, and Brazil, Russia being an oil-surplus economy has a surplus in general government accounts, driven mainly by a sharp rise in oil prices in recent years. India's fi scal deficit was the highest even before the emergence of the global financial crisis (Table 1.9).

Table 1.9 Fiscal Deficit of General Government

(percentage of GDP)

Country	1998	2000	2006	2007	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Brazil	-6.5	-3.84	-3.5	-2.36	-1.4	-3.1	-2.9
Russia	-8.0	3.3	8.3	6.8	4.9	-6.3	-3.6
India	-7.8	-9.3	-5.3	-4.0	-8.0	-10.0	-9.4
China	-2.8	-3.3	-0.7	0.9	-0.4	-3.1	-2.6
South Africa	-	-1.5	0.8	1.4	-0.5	-5.2	-5.8

Source: IMF Database. Note: - Not available.

In some BRICs economies, the global economic slowdown has impacted on fiscal consolidation targets negatively. During 2008 and 2009, the fiscal position of all the BRICS economies worsened mainly due to countercyclical expansionary fiscal measures to augment domestic demand. Even Russia, which had mostly managed its fiscal surplus in the recent past, saw a deterioration in the fi scal situation during 2009. Despite large fi scal expansionary measures in 2009, Brazil and China maintained better fiscal balance among the BRICS (Table 1.10).

High and rising levels of gross debt imply significant risks for the economy as demonstrated by the recent European debt crisis. In the long run, persistently high levels of public debt make economies more vulnerable to adverse shocks, reduce their long-run growth potential, and endanger the prospects for monetary stability. Among the BRICS, India and Brazil have the largest gross debt-to-GDP ratio at around 69 per cent and 66 per cent of GDP, respectively, in 2010 (Table 1.11).

Looking ahead, with the current level of unemployment and fragile macroeconomic environment, fiscal consolidation in the years to come will be a challenge for the BRICS (Table 1.12). In the case of India, Brazil, and South Africa, in view of the gap in terms of socio-economic performance and widespread deprivation, carrying out required government fiscal consolidation is a major challenge. On balance, the consolidation of economic recovery in the BRICS, along with global economic recovery, would be crucial for moving towards fi scal consolidation.

The planned composition of fiscal adjustment during 2010-15 differs among the BRICS economies. From the broad announcements made so far, it appears that India intends to rely on revenue measures, while Russia and South Africa foresee greater reliance on a combination of revenue and expenditure management (Table 1.13). On the other hand, Brazil, which comes under the category of medium and low need of fiscal adjustment, has yet to lay out detailed plans. It was decided that China would continue its proactive fiscal policy to maintain economic growth and curb price rise in 2011.

Table 1.10 Fiscal Balance of General Government

(percentage of GDP)

	Brazil		Russia		India		China		South Africa	
Year	Revenue	Expenditure	Revenue	Expenditure	Revenue	Expenditure	Revenue	Expenditure	Revenue	Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1998	27.8	42.3	34.6	42.5	16.1	23.9	12.1	14.9	-	-
2000	30.4	35.3	36.2	32.8	16.6	26.0	13.8	17.1	26.3	27.9
2001	31.3	37.2	36.9	33.7	16.6	26.1	15.1	17.9	27.4	27.8
2002	31.9	39.5	37.0	36.3	17.1	26.4	15.9	18.9	26.4	27.5
2003	31.4	39.2	36.4	34.9	17.5	26.1	16.2	18.6	26.6	29.0
2004	32.2	37.6	36.6	31.7	18.2	25.4	16.6	18.1	28.1	29.9
2005	33.4	39.2	41.0	32.8	18.4	24.8	17.2	18.6	30.1	29.9
2006	33.4	39.4	39.5	31.1	19.4	24.7	18.2	18.9	31.6	30.4
2007	33.9	38.3	39.9	33.1	21.0	25.0	19.8	18.9	31.8	30.5
2008	34.1	38.0	38.6	34.3	19.7	27.2	19.7	20.0	30.7	30.9
2009	33.1	39.3	34.3	40.5	18.9	28.5	20.0	23.0	27.3	32.4
2010	37.4	40.3	35.3	38.9	17.5	26.5	20.4	22.9	27.5	33.3

Source: IMF Database. Note: - Not available.

Table 1.11 Gross Debt of General Government

(percentage of GDP)

	1998	2000	2006	2007	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Brazil	-	66.7	66.7	65.2	64.1	68.9	66.1
Russia	-	59.9	9.0	8.5	7.8	10.9	9.9
India	65.4	71.4	76	72.9	72.6	74.2	69.2
China	11.4	16.4	16.5	19.8	16.8	18.6	17.7
South Africa	-	42.0	31.4	27.4	26.7	30.1	35.7

Source: IMF Database. Note: - Not available.

Table 1.12 Fiscal Consolidation Policy

Country	Medium-term Fiscal Target
(1)	(2)
Brazil	Fiscal consolidation is being carried out. The R$ 50 billion budget cut announced in March 2011 by the government derives from a review on net revenues, as well as cuts in expenses. Mandatory spending will be reduced by R$ 15.8 billion, whereas discretionary spending will be cut by R$ 34.3 billion during 2011. In order to make the former feasible, the government has adopted a set of measures regarding payroll and hiring, unemployment and social benefits, as well as grants and subsidies. Public investment remains low by international standards but is expected to increase substantially under the Growth Acceleration Programme (PAC).
Russia	Reflecting a gradual unwinding of the anti-crisis package, in 2010 the general government deficit was projected to improve by 3 per cent of GDP. Beyond 2010, the authorities' 2010-12 federal government budget implies a steady decline in the non-oil balance by about 1-2 per cent of GDP a year to 9.5 per cent of GDP by 2012, mainly through lower spending on public administration and low-priority infrastructure projects, but also higher social security contributions. Over the longer term, the authorities plan to reduce the non-oil deficit to their sustainable target of 4.7 per cent of GDP by 2013.
India	Gradual fiscal consolidation is envisaged by reducing the central government fi scal deficit to 3 per cent of GDP by 2013-14. The planned reduction would be mainly revenue-driven, from higher growth and from measures to simplify the tax code, raise voluntary compliance, and reduce exemptions.
China	The fiscal stimulus package is temporary with an explicit timeline through 2010. It was decided that China would continue with its proactive fiscal policy in 2011.
South Africa	South Africa will continue to manage public finances in a countercyclical manner to support long-run fiscal sustain- ability. The narrowing of the consolidated government balance will continue over the medium-term expenditure framework. This will be done through a moderation in the growth of expenditure and a recovery in revenue in line with the economic cycle. The public sector will continue to support large-scale infrastructure projects to address transportation, water, and energy sector bottlenecks. Social income grants provide a safety net for the poor, while initiatives to support job creation will be intensified. The ratio of debt to GDP is expected to stabilize in 2015-16 before declining.

Once the growth process has recovered, the BRICS economies need to revert to a path of fiscal consolidation. As a result, demand should emanate from private sources, given the widespread rollback of large fi scal deficits. The most urgent challenge is to put in place credible fiscal consolidation plans to achieve sustainable fiscal positions before the end of the next decade. These would have to include reforms of the rapidly growing social spending programmes and entitlements and broadening of tax bases. The timing and sequencing of exit from monetary and fiscal stimulus in emerging economies will vary according to country circumstances.

Table 1.13. Composition of Fiscal Adjustment Plans

Fiscal Adjustment Need	Mostly Revenue	Revenue and Expenditure	Mostly Expenditure	Detailed Plans in Preparation
(1)	(2)	(3)	(4)	(5)
HIGH (> 6 per cent)	India			
MEDIUM (3- 6 per cent)				China & South Africa
LOW (< 3 per cent)		Russia		Brazil

Monetary Policy Framework

The BRICS economies operate under varied monetary policy frameworks (Table 1.14). Brazil and South Africa have inflation targeting regimes, while China, India, and Russia operate under different frameworks.

Table 1.14. Monetary Frameworks in BRICS

Country	Monetary Policy Framework	Key Monetary Policy Tools	Objectives
(1)	(2)	(3)	(4)
Brazil	Inflation targeting	Interest rate (Selic rate): Interest rate on overnight interbank loans collateralised on federal debt instruments	Inflation: Point target of 4.5 per cent with tolerance range of 2 percentage points for headline CPI
Russia	No single target indicator - Inflation (CPI) target for 3-year period - Managed floating exchange rate regime	OMOs and standing facilities; reserve requirements	To ensure stability of national currency
India	Multiple Indicators Approach	Key policy rate: Repo/reverse repo rate and reserve requirements, CRR and SLR	Maintain price stability, financial stability, and ensure appropriate flow of credit to productive sectors
China	Multiple Indicators Approach	Reserve requirement ratio, central bank base interest rate, rediscounting, central bank relending, open market operation, and other policy instruments specified by the State Council	Maintain the stability of the value of the currency and thereby promote economic growth
South Africa	Inflation targeting	Key policy rate: Repurchase rate	Inflation target range for headline CPI of 3-6 per cent combined with financial stability objective

The Central Bank of Brazil's (BCB) Monetary Policy Committee (COPOM) was created on 20 June 1996, and assigned the responsibility of setting the stance of monetary policy and the short-term interest rate. The aim in creating COPOM was to enhance monetary policy transparency and confer regularity to the monetary policy decision-making process. Brazil implemented a formal inflation targeting framework for monetary policy in June 1999. Under this regime, COPOM's monetary policy decisions have as their main objective the achievement of the inflation targets set by the National Monetary Council (CMN). If inflation breaches the target set by the CMN, the Governor of the Central Bank is required to write an open letter to the Minister of Finance explaining the reasons for missing the target, as well as measures required to bring inflation back to the target, and the period over which these measures are

expected to take effect.

In Brazil the central bank's main policy instrument is the overnight, inter-bank interest rate, called the Over-Selic rate. The target for the Over-Selic rate is set at regular meetings of the BCB's Monetary Policy Committee (COPOM). The Open Market Operations Department (Demab) is responsible for carrying out open market operations to keep the Over-Selic rate as close as possible to the target established by COPOM.

Since 2006, eight regular meetings of COPOM have been held, with each lasting for two days. Eight days after each meeting, the Committee releases the meeting minutes on the Central Bank's web-site and to the press through the Central Bank's press officer. At the end of each quarter (March, June, September, December), COPOM publishes the Central Bank's *Inflation Report*, which provides detailed information on economic conditions, as well as COPOM's inflation projections from its most recent meeting.

Monetary policy, conducted by the Bank of Russia, is designed to maintain financial stability and create conditions conducive to sustainable economic growth. In the 2000s, Russia's monetary policy was geared at containing inflation and smoothing fluctuations of the nominal exchange rate. In the past few years the scaling down of interventions in the domestic foreign exchange market, the increased flexibility of the exchange rate, and the gradual winding up of anti-crisis measures stimulated the role of interest rate policy in reducing inflation. The principal objective of monetary policy over the next three years is to reduce inflation to an annual rate of 5 per cent.

At present monetary policy instruments used by the Bank of Russia are open market operations, standing facilities, and reserve requirements. The Bank of Russia influences interest rates through its open market operations and standing facilities: the upper limit of the interest rate corridor is the fixed rate on overnight refinancing operations (REPO and lombard loans) and the lower limit is the fixed overnight deposit rate.

The Bank of Russia has been implementing its exchange rate policy in the context of the managed floating regime, aimed at mitigating the effect of external shocks on the Russian economy. The operational benchmark of the exchange rate policy is the rouble value of the bi-currency basket, currently consisting of 0.45 euro and 0.55 US dollar. The Bank of Russia uses the floating operational intra-day band of fluctuations in the value of the bi-currency basket.

As the monetary authority of the country, the Reserve Bank of India (RBI) formulates, implements, and monitors monetary policy with the objective of maintaining price stability and ensuring adequate flow of credit to productive sectors. Monetary policy in India evolved with increasing current and capital account liberalisation, liberalisation of the financial sector, changing patterns of credit requirements of the real sector, and rapid changes in the world economic scenario. The operating procedure of monetary policy in terms of targets and instruments, therefore, saw substantial changes.

The twin objectives of monetary policy, that is, maintaining price stability and ensuring availability of adequate credit to productive sectors of the economy to support growth, have remained unchanged, though their relative emphasis varied depending on the circumstances. In line with this, in recent years, a preference emerged for a soft and flexible interest rate environment within the framework of macroeconomic stability. The use of broad money as an intermediate target has been de-emphasised, but the growth in broad money (M3) continues to be used as an important indicator of monetary policy. A multiple-indicators approach was adopted in 1998-9, wherein interest rates or rates of return in different markets (that is, money, capital, and

government securities markets) along with high frequency data on currency, credit extended by banks and financial institutions, fiscal position, trade, capital flows, inflation rate, exchange rate, refinancing and transactions in foreign exchange are juxtaposed with output data to draw policy perspectives.

With the increasing market orientation of the fi nancial structure and deregulation of the operations of commercial banks, the RBI has restructured its armoury of instruments with direct instruments gradually giving way to indirect ones. The thrust of monetary policy in recent years has been to develop an array of instruments to transmit liquidity and interest rate signals in the short term in a more flexible and bi-directional manner. A Liquidity Adjustment Facility (LAF) was introduced in June 2000 to modulate short-term liquidity and signal short-term interest rates. The LAF operates through repo and reverse repo auctions, thereby setting a corridor for the short-term interest rate consistent with policy objectives. The RBI is able to modulate the large market borrowing programme by combining strategic devolvement/private placement of government securities with active open market operations.

In China, the objective of the monetary policy is to maintain the stability of the value of the currency and thereby promote economic growth. The monetary policy instruments applied by the People's Bank of China (PBC) include the reserve requirement ratio, central bank base interest rate, rediscounting, central bank lending, open market operations, and other policy instruments specified by the State Council.

The Monetary Policy Committee in China plays an important role in macroeconomic management and in the formulation and adjustment of monetary policy. The responsibilities, composition, and working procedures of the Committee are prescribed by the State Council. The rules of the Committee stipulate that it is a consultative body responsible for the formulation of monetary policy by the PBC; its responsibilities are to advise on the formulation and adjustment of monetary policy and policy targets for a certain period, application of monetary policy instruments and major monetary policy measures, and coordination between monetary policy and other macroeconomic policies. The Committee plays its advisory role based on comprehensive research on macroeconomic situations and the macro targets set by the government. The Committee performs its functions through regular quarterly meetings. An ad hoc meeting is held in case it is proposed by the Chairman or endorsed by more than one-third of the members of the Monetary Policy Committee.

The mandate of the South African Reserve Bank (SARB) is defined in the Constitution of the Republic of South Africa as 'the protection of the value of the currency in the interest of balanced and sustainable economic growth in the Republic'. Deriving from this constitutional mandate, the Bank regards its primary goal in the South African economic system as 'the achievement and maintenance of price stability'. Inflation targeting was adopted as a framework for monetary policy in February 2000 with the aim of achieving and maintaining headline CPI inflation within a range of 3-6 per cent on a continuous basis.

The government sets the inflation target in consultation with the Reserve Bank. The monetary policy committee (MPC) meets at least six times per year. Decisions are announced immediately after the meeting at a televised press conference and the MPC statement is published on SARB's website. The minutes are not published, but the bi-annual *Monetary Policy Review* discusses factors influencing inflation and risks to the outlook. SARB engages directly with the public twice a year at Monetary Policy Forums that are held in major centres around the country.

In addition, the Governor of SARB appears before the Parliament's Portfolio Committee on Finance at least three times a year.

The SARB implements inflation targeting in a flexible and forward-looking manner taking cognisance of external shocks to the economy, as well as other factors such as changes in the output gap and domestic imbalances. Financial stability is also an important objective of SARB.

SARB has also focused on maintaining and improving its domestic market operations. Liquidity in the domestic and international interbank markets is carefully monitored. Although contingency plans were put in place and communicated to the banking counterparties, it was not necessary to provide any additional or special liquidity to domestic banks beyond the normal daily operations during the global financial crisis and subsequent recession.

The MPC takes cognisance of movements in the exchange rate and their potential impact on inflation in determining policy rates. However, the rand is a freely floating exchange rate and SARB does not try to influence the level of the currency. Interventions, if any, are aimed at smoothing out excessive currency volatility in the short term through open-market operations. Over the past few years, reserve accumulation has been necessary to reduce South Africa's external vulnerability in the face of a rising current account deficit.

Price Situation

Over the past few years, large fluctuations in the prices of industrial and agricultural commodities combined with volatile exchange rates have increased the volatility of inflation in BRICS economies, particularly India, China, and South Africa (Table 1.15). Among the BRICS, Russia, Brazil, and South Africa received the direct positive impact of high commodity prices, while they acted as constraints on growth for China and India. In the second half of 2010, central banks grappled with the balancing act of anchoring high inflation along with managing fragile economic growth.

Table 1.15 Inflation: Average Consumer Prices

(per cent change)

Country	2000	2005	2006	2007	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Brazil	7.1	6.9	4.2	3.6	5.7	4.9	5.0
Russia	20.8	12.7	9.7	9.0	14.1	11.7	6.9
India	4.0	4.2	6.2	6.4	8.3	10.9	13.2
China	0.4	1.8	1.5	4.8	5.9	-0.7	3.3
South Africa	5.4	3.4	4.7	7.1	11.5	7.1	4.3

Source: IMF.

External Sector

Global integration of most of the emerging market economies, in general, and the BRICS in particular, gained momentum in the 1990s, mainly on account of the structural adjustments adopted by these economies. The financial sector developments in these economies enhanced trade and capital flows along with increased technology transfers and mobility of labour. Increased global integration is highly visible in terms of the openness of the BRICS economies through higher share in global trade and other financial flows, which enhanced the growth potentials of these economies (Table 1.16). Integration changed the course of development of the BRICS economies through active management of their external liabilities and assets across segments. This resulted in minimizing external sector vulnerabilities, which helped the BRICS economies withstand the recent global financial crisis and its aftershocks.

Merchandise Trade and Invisible Flows

The share of the BRICS in global trade continued to grow at a rapid pace. Their share in world exports increased substantially over the past decade mostly through broad-based diversification, both in commodities and regions of trade,

while imports witnessed a sharp rise that was driven by increased investment and consumption demand led by the increasing purchasing power of these economies (Table 1.17).

BRICS EXPORTS

All the BRICS economies maintained persistent trends of rising share of exports in GDP, reflecting the structural transitions witnessed by these economies in exploring avenues for exports based on comparative advantage and supported by productivity gains (Table 1.18).

Table 1.16 Global Integration of BRICS Economies

	Share in World Trade		Trade Openness		Current Account Balance		Forex Reserves (per cent of GDP)		External Debt (US$ billion)		Debt Service Ratio	
Country	1990	2010	1990	2010	1990	2010	1990	2010	1990	2010	1990	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Brazil	0.8	1.2	6.9	11.2	0.8	-2.3	1.5	13.7	119.7	276.9	22.5	23.4
Russia	-	2.3	-	30.3	-	4.9	0.0	30.4	-	381.3	4.4	17.7
India	0.5	1.8	6.9	21.7	-1.2	-3.2	0.5	18.0	85.7	237.7	34.9	5.9
China	1.6	9.2	17.4	29.5	1.3	5.2	7.6	48.8	55.3	428.4	11.7	2.9
South Africa	0.6	0.5	24.3	27.9	1.4	-2.8	0.9	10.7	23.3	42.1	-	9.3

Source: IMF, UNCTAD, and World Bank. Note: - Not available.

Table 1.17 BRICS Share of Global Trade

(per cent)

	1990	1995	2000	2005	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
BRICS	3.6	6.0	7.0	11.2	13.6	13.7	15.0
Brazil	0.8	0.8	0.8	1.0	1.1	1.1	1.2
Russia	-	1.5	1.4	2.1	2.6	2.2	2.3
India	0.5	0.6	0.7	1.2	1.5	1.6	1.8
China	1.6	2.6	3.5	6.4	7.9	8.3	9.2
South Africa	0.6	0.5	0.5	0.5	0.5	0.5	0.5

Source: UNCTAD. Note: - Not available.

Table 1.18 BRICS Exports of Goods and Services

(per cent of GDP)

	1990	1995	2000	2005	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Brazil	6.9	6.8	10.1	15.1	13.8	11.3	11.2
Russia	-	29.8	44.3	35.2	31.5	28.2	30.3
India	6.9	10.2	12.3	18.8	23.7	20.1	21.7
China	17.4	23.1	23.3	37.1	34.9	26.7	29.5
South Africa	24.3	22.8	27.8	27.4	35.9	27.7	27.9

Source: UNCTAD. Note: - Not available.

The composition of BRICS exports changed drastically over the past two decades due to structural changes across the sectors of these economies during the period. Though the BRICS are still known for exports of natural resources, these economies moved from being exporters of primary products to exporters of manufactured products. Likewise, their export destinations have undergone dramatic changes in response to globalisation and liberalisation which, in turn, helped the BRICS increase their share in global trade (Table 1.19).

Table 1.19 BRICS Share in World Exports

	1990	1995	2000	2005	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
BRICS	3.9	6.5	7.5	12.2	14.8	15.1	16.3
Brazil	0.9	0.9	0.9	1.1	1.2	1.2	1.3
Russia	-	1.6	1.6	2.3	2.9	2.4	2.6
India	0.5	0.6	0.7	0.9	1.2	1.3	1.4
China	1.8	2.9	3.9	7.3	8.9	9.6	10.4
South Africa	0.7	0.6	0.5	0.5	0.5	0.5	0.6

Source: UNCTAD. Note: - Not available.

Despite the fact that all the BRICS economies having signifi cant human capital endowments, the difference in their resource endowments are reflected in their export baskets. For instance, manufactures account for 93.6 per cent of total merchandise exports from China in contrast to 66.0 and 51.8 per cent from India and South Africa, respectively, while it is 38.0 per cent of Brazilian exports and 21.1 per cent of Russian exports. Russia's export basket is dominated by fuel and mining exports (nearly 70 per cent), while agriculture products, fuel, and mining products account for nearly 60 per cent of exports from Brazil. South Africa's emergence has coincided with the rise of other emerging markets in Africa. The demand for South Africa's manufactured commodities (nearly 51.8 per cent) have boosted the countries exports and, subsequently, economic growth (Table 1.20).

Table 1.20 BRICS Exports Profile, 2009

Country	Merchandise	Share in	Share by Commodity			Share by Destination				
	Exports (US$ billion)	World Total Exports	Agri-cultural Products	Fuels and Min-ing Prod-ucts	Manu-factures					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Brazil	153.0	1.2	37.7	21.3	38.0	EU (22.3)	China (13.2)	US (10.3)	Argentina (8.4)	Japan (2.8)
Russia*	303.4	2.5	6.9	69.0	21.1	EU (52.7)	Belarus (5.5)	China (5.5)	Turkey (5.4)	Ukraine (4.6)
India	164.9	1.3	10.2	20.6	66.0	EU (20.5)	UAE (14.4)	US (10.8)	China (5.9)	HongKong SAR, China (4.0)
China	1,201.6	9.6	3.4	2.9	93.6	EU (19.7)	US (18.4)	HongKong SAR, China (13.8)	Japan (8.1)	Rep.Korea (4.5)
South Africa	61.7	0.5	10.7	34.8	51.8	EU (26.5)	China (10.5)	US (9.0)	Japan (7.6)	Switzerland (4.2)

Source of statistics: WTO. Note: * National accounts data.

Structural developments across sectors in BRICS economies during the past two decades are more visible in technological developments, which may also be responsible for the changes in the composition and destination of BRICS exports. This is revealed by the share of high-technology goods in the export baskets, which have registered an increasing trend (Table 1.21).

Table 1.21 High-technology Exports (per cent of Manufacturing Exports)

Country	1990	1995	2000	2005	2007	2008	2009
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Brazil	7.1	4.8	18.6	12.8	11.9	12.0	13.9
China	-	-	17.2	8.1	6.9	6.5	9.3
India	2.4	4.3	4.8	4.7	5.3	5.7	8.6
Russia	-	10.5	18.6	30.6	29.7	28.7	31.0
South Africa		5.7	7.0	6.6	5.7	5.2	5.6

Source: World Bank Database. Note: - Not available.

Table 1.22 BRICS Share of World Exports of Services (per cent)

	1990	1995	2000	2005	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
BRICS	2.1	3.8	4.7	7.0	8.8	8.7	9.8
Brazil	0.5	0.5	0.6	0.6	0.8	0.8	0.9
Russia	-	0.9	0.6	1.0	1.3	1.2	1.2
India	0.6	0.6	1.1	2.0	2.7	2.6	3.1
China	0.7	1.6	2.0	2.9	3.7	3.7	4.2
South Africa	0.4	0.4	0.3	0.4	0.3	0.3	0.4

Source: UNCTAD. *Note:* - Not available.

Table 1.23 Imports of Goods and Services

(per cent of GDP)

	1990	1995	2000	2005	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Brazil	5.6	8.2	11.0	10.8	13.0	10.6	11.4
Russia	-	26.7	23.7	21.7	22.3	20.9	22.1
India	8.5	11.5	13.9	22.1	30.5	25.0	26.4
China	13.7	20.2	20.3	30.6	26.5	21.7	24.9
South Africa	18.6	22.8	25.3	28.9	38.3	29.4	24.9
BRICS: Share in World Imports							
BRICS	3.3	6.1	6.2	10.0	12.5	13.3	14.8
Brazil	0.6	1.0	0.9	0.7	1.1	1.1	1.3
Russia	-	1.3	0.7	1.3	2.0	1.7	1.8
India	0.7	0.7	0.8	1.3	2.0	2.0	2.1
China	1.5	2.5	3.4	6.1	6.9	8.0	9.1
South Africa	0.5	0.6	0.5	0.6	0.6	0.6	0.5

Source: UNCTAD. Note: - Not available.

The major chunk of BRICS economies' import basket consists of capital goods, indicating the process of large-scale industrialisation in these economies which is also reflected in their changed composition of commodity exports (Table 1.24).

The BRICS' imports of services have also grown, reflecting the increasingly broad-based nature of growth achieved by these economies over the past decades. As in the case of demand for commodity imports, large-scale industrialisation and the increased emphasis on exports encouraged a high demand for services. Besides, the improved living standards of the middle class of these economies have driven the import demand of services to a greater extent (Table 1.25).

Increased technology-intensive investments and a higher supply of human resources propelled growth in the services sector, which, in turn, led to higher productivity in the BRICS economies. Among the exports of invisibles, the share of services exhibited signifi cant improvement in almost all the BRICS economies (Table 1.22).

BRICS IMPORTS

As fast-Growing economies, the import demand from these economies now plays a catalytic role in the global growth process. The diversification in the composition of exports from primary to manufactured products, mostly in the form of value additions, requires large imports (Table 1.23).

Table 1.24 BRICS Imports Profile, 2009

Country	Merchandise Imports (US$ billion)	Share in World Total Imports	Share by Commodity			Share by Origin				
			Agri-cultural Products	Fuels and Mining Products	Manu-factures					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Brazil	133.7	1.1	6.4	17.6	75.9	EU (22.9)	USW (15.8)	China (12.5)	Argentina (8.8)	Japan (4.2)
Russia	191.8	1.5	15.2	3.8	79.8	EU (45.9)	China (13.4)	US (5.4)	Ukraine (5.3)	Japan (5.4)
India	257.2	2.0	5.6	37.6	46.6	EU (14.4)	China (11.5)	UAE (7.4)	US (6.0)	Saudi Arabia (5.4)
China	1,005.9	7.9	7.6	24.9	67.1	Japan (13.0)	EU (12.7)	Rep.of Korea (10.2)	HongKong SAR, China (8.6)	Taiwan, Province of China (8.5)
South Africa	73.2	0.6	7.4	23.3	68.3	EU (32.2)	China (13.1)	US (7.8)	Saudi Arabia (5.0)	Japan (4.9)

Source of statistics: WTO.

Table 1.25 BRICS Share of World Imports of Services

	1990	1995	2000	2005	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
BRICS	2.5	6.0	6.1	8.4	10.5	11.0	12.5
Brazil	0.9	1.1	1.1	1.0	1.3	1.4	1.8
Russia	-	1.6	1.1	1.6	2.0	1.9	2.0
India	0.7	0.8	1.2	1.9	2.4	2.5	3.1
China	0.5	2.0	2.3	3.4	4.3	4.8	5.1
South Africa	0.4	0.5	0.4	0.5	0.5	0.4	0.5

Source: UNCTAD. Note: - Not available.

TRADE LINKAGES: INCREASING SOUTH-TO-SOUTH TRADE

Despite a significant rise in the share of exports among intra-BRICS economies, there is scope for increased trade among these countries, which underlines the need to increase the South-to-South trade matrix. India and China are some of the largest consumers in the world, particularly of oil and other raw materials, while Russia, Brazil, and South Africa are some of the largest suppliers of metal, oil, and other natural resources. Hence, there is a need to identify further economic linkages among these countries through trade and investment promotion channels (Table 1.26).

PRIVATE TRANSFERS

Remittance flows to developing countries reached US$ 316 billion in 2009, which is a decline of 6 per cent from the US$ 336 billion recorded in 2008, reflecting the effect of the global fi nancial crisis

Table 1.26 Export Linkages of BRICS (US$ billion)

(US$ billion)

Exports from Russia	Brazil	China	India	South Africa	Advanced Economies	Euro Area
1990	-	-	-	-	-	-
2000	0.6	5.2	1.1	0.03	60.6	34.1
2009	1.4	16.1	4.8	0.2	138.1	92.3
Exports from India	Brazil	China	Russia	South Africa	Advanced Economies	Euro Area
1990	0.0	0.0	-	0.0	11.1	3.0
2000	0.3	0.8	0.9	0.3	27.4	7.6
2009	2.2	10.2	0.9	1.9	79.0	26.3
Exports from China	Brazil	India	Russia	South Africa	Advanced Economies	Euro Area
1990	0.1	0.2	-	0.0	52.0	5.1
2000	1.2	1.6	2.2	1.0	208.3	30.6
2009	15.9	29.7	17.5	7.4	858.5	174.4
Exports from Brazil	China	India	Russia	South Africa	Advanced Economies	Euro Area
1990	0.4	0.2	-	0.2	22.9	8.1
2000	1.1	0.38	0.4	0.3	34.6	13.0
2009	21.0	3.4	25	1.3	65.1	28.5
Exports from South Africa	China	India	Russia	Brazil	Advanced Economies	Euro Area
1990	-	-	-	-	-	-
2000	0.3	0.4	0.03	0.2	15.7	6.2
2009	5.6	2.0	0.2	0.4	30.9	10.7

Source: Directory of Trade Statistics, IMF. Note: - Not available.

on remittances. The contribution of private transfers in the BRICS also varies widely among member countries. India and China remain as the top two recipients of global remittances in 2009, with US$ 49 billion and US$ 48 billion, respectively. For India, with an increasing current account deficit, remittances play a cushioning role. Russia tops the list of emerging market economies in terms of money transfer outflows; calculated on the basis of balance of payments data, the value of remittances from Russia in 2009 stood at US$ 19 billion, or 7 per cent of the world's total remittances. Unlike other private capital flows, remittances maintained a consistent increasing trend at least in the cases of India and China, while it showed a declining trend in Russia and Brazil (Table 1.27).

Table 1.27 BRICS Share in Global Remittance Inflows

(per cent)

	1990	1995	2000	2005	2007	2008	2009	Remittances to GDP Ratio
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Brazil	0.8	3.3	1.2	1.3	1.1	1.1	1.0	0.3
Russia	0.0	2.5	1.0	1.1	1.2	1.4	1.3	0.4
India	3.5	6.1	9.8	8.1	9.7	11.3	11.9	3.9
China	0.3	0.9	4.0	8.8	10.1	10.9	11.5	1.0
South Africa	0.2	0.1	0.3	0.2	0.2	0.2	0.2	0.3

Source: World Bank.

CURRENT ACCOUNT

The performance of the BRICS on the external front, as reflected in the current account, varied widely over the years as well as among the countries. China experienced an increase in its current account surplus prior to the crisis that moderated thereafter, while the current account surplus of Russia has declined over time. India, South Africa, and Brazil have been running current account deficits (Table 1.28).

Table 1.28 Trade Balance and Current Account Balance

(per cent of GDP)

	Trade Balance*					Current Account Balance				
Country	1990	2000	2008	2009	2010	1990	2000	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
BRICS										
Brazil	1.4	-0.9	0.8	0.7	-0.2	-0.7	-3.8	-1.7	-1.5	-2.3
Russia	-	20.7	9.2	7.3	8.3	0.0	18.0	6.2	4.1	4.9
India	-1.6	-1.6	-6.7	-4.9	-4.8	-2.4	-1.0	-2.0	-2.8	-3.2
China	3.7	3.1	8.3	5.0	4.6	3.1	1.7	9.6	6.0	5.2
South Africa	6.3	3.4	7.0	-5.8	-7.3	1.4	-0.1	-7.1	-4.1	-2.8
Advanced Economies										
Japan	0.9	1.8	1.2	1.1	2.1	1.5	2.6	3.2	2.8	3.6
United States	-0.9	-3.1	-3.8	-2.0	-2.6	-1.4	-4.2	-4.7	-2.7	-3.2

Source: UNCTAD and IMF. *Note:* - Not available. * Goods and services.

The impact of the crisis on the current accounts of the BRICS economies also varied as reflected in terms of the reduction in current account surpluses (China and Russia), the surplus turning into a deficit (Brazil), widening of the current account deficit (India), and decline in the deficit (South Africa). On the current account, while the decline in oil prices affected Russia, the steep fall in export demand across the board impinged on all the other BRICS economies.

BRICS AND CAPITAL FLOWS

There has been a marked increase in the magnitude of net private capital flows into the BRICS economies. Global as well as emerging domestic factors contributed to an increase in capital inflows. Global factors include excess liquidity and a low interest rate regime followed in the industrialised countries along with an improvement in the risk perception towards EMEs and the urge for higher yields. This encouraged the shifting of the direction of global capital fl ows in favour of EMEs, complicating macroeconomic management in some cases (Table 1.29).

Table 1.29 Share of Global FDI Inflows

(per cent)

	1990	1995	2000	2005	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Brazil	0.5	1.3	2.3	1.5	2.6	2.2	3.9
Russia	-	0.6	0.2	1.3	4.3	3.1	3.3
India	0.1	0.6	0.3	0.8	2.4	3.0	2.0
China	1.7	11.0	2.9	7.4	6.2	8.0	8.5
South Africa	0.0	0.4	0.1	0.7	0.5	0.5	0.1

Source: UNCTAD.

Within private capital flows to the BRICS, FDI witnessed a substantial increase together with the high presence of portfolio fl ows, especially debt flows, over the past decade. Portfolio debt fl ows moderated in general, while equity flows remained volatile on cues of global and domestic growth perceptions. Unlike portfolio fl ows, net FDI flows to the BRICS remained steady even during the recent crisis, reflecting the longer-term view on the growth potentials of the BRICS and the soundness of their financial systems (Table 1.30). Outflows of FDI from these economies also increased, taking advantage of the attractive investment opportunities abroad with a view to acquiring new technologies and natural resources.

In contrast to FDI flows, portfolio flows to developing and emerging market economies were driven by global risk factors. The liberal policy approach towards equity inflows and technological advances witnessed in the BRICS equity markets resulted in a heightened concentration of global portfolio flows (Table 1.31).

FOREIGN EXCHANGE RESERVES

All BRICS economies witnessed significant accumulation of international reserves through the past decade, barring some moderation during periods of the global financial crisis. The reserve accumulation of the BRICS can be viewed as a measure of insurance against future crises. As a result the BRICS' share in global international reserves increased remarkably during the current decade (Table 1.32).

EXTERNAL DEBT

The total external debt of the BRICS economies has increased significantly over the years. Although the volume of BRICS' external debt showed an increase, its magnitude declined in general, barring the recent crisis period, as in the case of India (Table 1.33).

Table 1.30 Cross-country Movement of FDI Flows

(US$ billion)

Country	FDI Inflows							FDI Outflows						
	1990	2000	2005	2007	2008	2009	2010	1990	2000	2005	2007	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
BRICS														
Brazil	1.0	32.8	15.1	34.6	45.1	25.9	48.4	0.6	2.3	2.5	7.1	20.5	-10.1	11.5
Russia	0.0	2.7	12.9	55.1	75.0	36.5	41.2	-	3.2	12.8	45.9	55.6	43.7	51.7
India	0.2	3.6	7.6	25.3	42.5	35.6	24.6	0.0	0.5	3.0	17.2	19.4	15.9	14.6
China	3.5	40.7	72.4	83.5	108.3	95.0	105.7	0.8	0.9	12.3	22.5	52.2	56.5	68.0
South Africa	-0.1	0.9	6.6	5.7	9.0	5.4	1.6	0.0	0.3	0.9	3.0	-3.1	1.2	0.5
Advanced Economies														
Japan	1.8	8.3	2.8	22.5	24.4	11.9	-1.3	50.8	31.6	45.8	73.5	128.0	74.7	56.3
UK	30.5	118.8	176.0	196.4	91.5	71.1	45.9	17.9	233.4	80.8	272.4	161.1	44.4	11.0
US	48.4	314.0	104.8	216.0	306.4	152.9	228.2	31.0	142.6	15.4	393.5	308.3	282.7	328.9

Source: UNCTAD. *Note:* - Not available.

Table 1.31 Cross-country Movement of Portfolio Flows

(US$ billion)

Country	Portfolio Investment Inflows						Portfolio Investment Outflows					
	1990	2000	2005	2007	2008	2009	1990	2000	2005	2007	2008	2009
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
BRICS												
Brazil	0.6	8.7	6.7	48.1	-0.8	46.2	0.1	1.7	1.8	-0.3	-1.9	-4.1
Russia	-	-9.9	-0.7	15.5	-27.6	8.2	-	0.4	10.7	10.0	7.8	10.4
India	0.0	2.5	12.2	35.0	-15.0	-	0.0	0.1	0.0	-0.2	0.0	-
China	0.0	7.3	21.2	21.0	9.9	-	0.2	11.3	26.2	2.3	-32.7	-
South Africa	0.3	1.8	5.7	21.9	13.7	-7.6	13.4	0.3	3.7	3.4	6.7	1.9
Advanced Economies												
Japan	46.7	47.4	183.1	196.6	-103.0	-56.3	37.8	83.4	196.4	123.5	189.6	160.2
UK	23.8	268.1	237.0	406.7	363.9	284.0	30.0	97.2	273.4	179.6	-199.6	241.1
US	22.0	436.6	832.0	1154.7	527.7	376.6	28.8	127.9	257.5	396.0	-117.4	549.4

Source: IMF/International Financial Statistics. *Note:* - Not available.

Table 1.32 BRICS and Foreign Exchange Reserves

(US$ billion)

	1990	1995	2000	2005	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
BRICS	41.2	162.5	271.0	1203.6	2834.7	3374.8	3914.6
Brazil	7.7	49.9	32.5	53.3	192.9	237.4	287.1
Russia	0.0	14.9	24.8	176.5	412.7	417.8	445.0
India	2.1	18.6	38.4	132.5	248.0	266.2	276.2
China	30.2	76.0	168.9	822.5	1950.3	2417.9	2867.9
South Africa	1.2	3.0	6.4	18.8	30.8	35.5	38.4
Share in Total Global Reserves							
BRICS	4.2	10.6	13.3	27.1	37.7	39.0	40.1
Brazil	0.8	3.3	1.6	1.2	2.6	2.7	2.9
Russia	0.0	1.0	1.2	4.0	5.5	4.8	4.6
India	0.2	1.2	1.9	3.0	3.3	3.1	2.8
China	3.1	5.0	8.3	18.5	25.9	28.0	29.4
South Africa	0.1	0.2	0.3	0.4	0.4	0.4	0.4

Source: UNCTAD.

Table 1.33 External Debt Stocks, Total (DOD, current US$)

Country	1990	1995	2000	2005	2007	2008	2009
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Brazil	119.7	160.5	241.5	187.5	237.6	262.1	276.9
Russia	-	121.4	160.0	229.9	368.1	402.5	381.3
India	85.7	95.2	100.2	120.2	202.8	224.7	237.7
China	55.3	118.1	145.7	284.0	373.8	378.2	428.4
South Africa	23.3	25.4	24.9	31.1	43.6	41.9	42.1
External Debt-to-GDP Ratio							
Brazil	23.6	20.8	37.6	21.1	17.2	15.8	17.3
Russia	-	38.7	61.6	30.1	28.3	24.2	31.2
India	26.3	25.9	20.9	14.8	17.6	17.8	18.7
China	14.2	16.2	12.2	12.6	10.7	8.4	8.6
South Africa	20.8	16.8	18.7	12.6	15.3	15.2	14.8

Source: World Bank, Global Development Finance, and IMF, WEO, October 2010. *Note:* - Not available.

EXCHANGE RATE REGIME AND CONVERTIBILITY

The exchange rate regime and the implementation of supporting policies are critical for economic development and fi nancial stability of countries. Due to wide differences in economic and fi nancial environments, the BRICS economies follow different exchange rate systems in their current and capital accounts (Table 1.34).

The macroeconomic instabilities experienced by Brazil during the previous decades, particularly the vulnerabilities arising from its external sector, finally induced it to adopt inflation targeting which, in turn, required introducing a floating system of exchange rate in January 1999. Since then, the Brazilian real averaged R$ 2.26 against the USD up to 31 December 2010. The real effective exchange rate has also oscillated substantially, reacting to shifts in fundamentals such as the terms of trade, risk aversion, and underlying capital flows.

Russia's exchange rate regime has been reclassified from 'stabilised arrangement' to 'other managed arrangement', effective 1 November 2008, to reflect the managed depreciation of the Rouble and higher day-to-day exchange-rate fluctuations. The exchange system is free of restrictions on payments and transfers for current international transactions, and legislation is also free of foreign exchange restrictions on capital account transactions. The Bank of Russia implements its foreign exchange policy in the general context of monetary policy. The major objectives of the Bank of Russia's foreign exchange policy are to ensure stability of the national currency and create conditions for the dynamic development of Russia's foreign exchange market. The Bank of Russia pursues managed floating arrangement in the exchange rate policy. In 2007 Russia completed liberalisation of the foreign exchange legislation regarding capital account transactions.

Table 1.34 BRICS Exchange Rate Regime

Country	Currency	Exchange Rate Structure	Current Exchange Rate System	Recent Developments in Capital Account
(1)	(2)	(3)	(4)	(5)
Brazil	Real	Unitary	Floating	Adoption of prudential measures
Russia	Russian Rouble	Unitary	Other managed arrangement, managed floating exchange rate	Easing of controls
India	Rupee	Unitary	Managed floating with no predetermined path for the exchange rate to floating	Easing of controls
China	Renminbi	Unitary	Managed floating exchange rate regime based on market supply and demand with reference to a basket of currencies	Increasing de facto openness of the capital account
South Africa	Rand	Unitary	Floating	Easing of controls

In the case of India, given the stated policy of the RBI to contain volatility in the exchange rate without reference to any specific target or band, its net intervention operations have helped in signifi cantly absorbing the pressure of capital fl ows on exchange rate volatility. In recent years, however, the exchange rate has become relatively more flexible, particularly in relation to the size of net intervention operations of the RBI.

China adopted a managed floating exchange rate regime on 1 January 1994. In July 2005, China launched the reform of the RMB exchange rate regime and moved into a managed floating exchange rate regime based on market supply and demand with reference to a basket of currencies. The reform of the RMB exchange rate regime has moved ahead in a proactive, controllable, and gradual way to increase the role of the market in establishing the rate. Currently, the US$-RMB spot exchange rate can move intra-day 0.5 per cent from a central parity that is determined at the open of trading by a truncated weighted average of primary dealers' offer rates and is announced by the China Foreign Exchange Trading System.

South Africa has a flexible exchange rate regime, but excess capital inflows are sometimes purchased to increase the level of foreign exchange reserves and to reduce exchange rate volatility. Reserve purchases are sterilised via, *inter alia*, the issuance of debentures, repurchase transactions, and sterilisation swaps. The National Treasury assists the SARB in funding sterilisation operations. The SARB does not target a specific level for the Rand, but interventions may sometimes be contemplated to sterilize large capital inflows that could fuel volatility in the foreign exchange market.

Among the BRICS, South Africa accepted the obligations of Article VIII, sections 2, 3, and 4 of the International Monetary Fund's Articles of Agreement on 15 September 1973. India accepted the obligations of Article VIII of the Articles of Agreement of the IMF in 1994, followed by Russia in June 1996, China in December 1996, and Brazil in November 1999 which obliged them to remove restrictions on the transactions in their current accounts. Regarding the capital account, in accordance with the policy of inflation targeting, Brazil adopted a floating exchange rate in 1999 under conditions of almost full capital account convertibility. Russia slowly started liberalizing its capital account in the early 1990s, but it faced a serious currency crisis in 1998 under its strained fiscal circumstances and introduced a series of emergency measures, including re-intensification of capital controls and the announcement of a debt moratorium. However, the capital account restrictions in Russia have been reversing recently. China and India follow a gradual path to capital account liberalisation.

Financial Market Performance

Stock Exchange

During the period 1999-2010, capital markets in the BRICS experienced fluctuations, which also varied within the group. A signifi cant fall in equity indices was observed between the years 2000 and 2008. Within the group, Brazil and China saw more equity index fluctuations than Russia, India, and South Africa. Except for the two years mentioned, equity indices rose in all the BRICS economies (Table 1.35).

During this period, the price-earnings ratio (PE) as indicator of capital markets in the BRICS were relatively more stable in China and India compared with Brazil, Russia, and South Africa. In 2010, the PE ratios declined for all BRICS countries except India.

Table 1.35 Stock Market Performance of BRICS Countries

Country	Index				Movement (per cent change)				PE Ratio			
	1999	2005	2009	2010	1999	2005	2009	2010	1999	2005	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Brazil	889.5	1569.40	362450	-	61.6	50	121.3	-	18.6	12.39	17	13.8
Russia	177.71	1125	1444.1	-	201.6	83.3	128.6	-	-	8.3	11.1	8.3
India	209.5	382.9	468.5	-	89.1	40.2	100.5	-	22.8	20.17	21.8	22.4
China	33.5	29.3	64.8	-	10.2	15.6	58.8	-	-	15.78	15.6	14.6
South Africa	7806	16438	24996	-	74	44	28.6	-	-	14.4	21.8	18.9

Source: Bloomberg and Morgan Stanley Capital International.
Notes: Russia: RTS Stock Exchange and shares included in RTS Index calculation base.
- Not available.

The number of companies domestically incorporated in stock exchanges in two of the BRICS economies, namely, Brazil and South Africa declined during the period 2000 to 2006 and has fluctuated in recent years. As regards Russia, the number of listed companies, which was on a rising trend, fluctuated in recent years, while China and India witnessed continuous growth in the number of listed domestic companies during most of the years of the same period (Table 1.36).

The depth of stock markets measured in terms of market capitalisation to GDP in BRICS economies progressively deepened over the years. The ratio which was as low as 3.6 per cent in 1990 for Brazil, reached a high of 74 per cent in 2010. The corresponding ratios during the same period in the case of India were 12.2 per cent and 93.4 per cent, respectively. China and Russia, both of which started off with a relatively shallower base, rapidly caught up. In China, the market capitalisation-to-GDP ratio in 1995 was 5.8 per cent, which jumped to 81 per cent in 2010. The corresponding ratios with respect to Russia were 4.0 per cent and 67.9 per cent, respectively. Among the BRICS, South Africa had the largest market capitalisation relative to the size of GDP during 2010 (Table 1.37).

The turnover ratio as indicators of the depth of fi nancial markets (stock markets) also deepened considerably over the period in the BRICS. The ratio jumped from a high base of 115.9 per cent in China in 1995 to 229.6 per cent in 2009. Russia with the ratio of 108.5 per cent in 2009 had a low base of only 36.9 per cent in 2000. Similarly, India which had a turnover ratio of 65.9 per cent in 1990 attained a high in turnover ratio of 119.3 per cent in 2009. Brazil and South Africa also witnessed a significant jump in the ratio during the period, that is, 23.6 per cent to 73.9 per cent during 1990 to 2009 in Brazil and 7.0 per cent to 57.3 per cent in South Africa during 1995 to 2009. All BRICS countries suffered a decline in their turnover ratio in 2010 (Table 1.38).

Table 1.36 Total Listed Domestic Companies

Country	1990	1995	2000	2005	2006	2007	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Brazil	581	543	459	381	392	442	432	377	373
Russia	-	170	249	296	309	328	314	279	345
India	2435	5398	5937	4763	4796	4887	4921	4955	4987
China	0	323	1086	1387	1440	1530	1604	1700	2063
South Africa	732	640	616	388	401	422	425	410	407

Source: Standard & Poor's, *Emerging Stock Markets Factbook* and supplemental S&P data.
Notes: Listed domestic companies are domestically incorporated companies listed on the country's stock exchanges at the end of the year. This indicator does not include investment companies, mutual funds, or other collective investment vehicles.
- Not available.

Table 1.37 Market Capitalisation of Listed Companies

(per cent of GDP)

Country	1990	1995	2000	2005	2006	2007	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Brazil	3.6	19.2	35.1	53.8	65.3	100.3	35.7	73.2	74
Russia	0	4	15	71.8	106.6	115.6	23.9	70.5	67.9
India	12.2	35.7	32.2	68.3	89.5	46.4	53.2	85.4	93.4
China	0	5.8	48.5	34.9	91.3	178.2	61.8	100.3	81
South Africa	123	186	118	229	274	291.3	178.5	249.3	278.4

Source: Standard & Poor's, *Emerging Stock Markets Factbook* and supplemental S&P data, and World Bank and OECD GDP estimates.
Note: Market capitalisation (also known as market value) is the share price times the number of shares outstanding. Listed domestic companies are domestically incorporated companies listed on the country's stock exchanges at the end of the year. Listed companies does not include investment companies, mutual funds, or other collective investment vehicles.

The dividend-yield ratio as an indicator of capital markets in the BRICS declined gradually, indicating better market value in these countries over the period. The year 2008, however, witnessed the ratio rising compared with other years (Table 1.39).

Combined external financing of capital markets in the BRICS from bonds, equities and loans in absolute terms during the period 1999-2010 increased significantly. This also indicates the integration of the BRICS financial markets with world financial markets (Table 1.40).

The depth of the financial sector can also be gauged from the extent of insurance sector penetration into the economy. In the absence of population-wise distribution of insurance policies, both life and general, an alternative to measuring the depth of the sector is the volume of the sector with respect to GDP expressed in percentage terms. The ratio with respect to life insurance has been on the rise in most BRICS economies with the highest being 0.122 per cent in South Africa in 2008. However, with respect to non-life insurance, the depth remained 0.01-0.03 per cent in all BRICS countries during the period (Table 1.41).

Financial Sector

The Brazilian financial market is based on a modern and solid banking system, a state-of-the-art payment system, and reliable market infrastructure. In 2002, the Brazilian Central Bank launched the new Brazilian Payment System which allows final and irrevocable transfers on a real-time basis. The recent credit-market reforms in Brazil have contributed to a substantial rise in intermediation, paving the way for solid financial inclusion. Improvements such as the reduction of directed lending and dissemination of information can contribute to enhancing the power of monetary policy and reduce debt service (credit cost). The Central Bank of Brazil has decided to implement the Basel II framework in the Brazilian banking sector and is directly involved in formatting the Basel III framework. After the global financial crisis, all the BRICS economies are envisaged to implement the revised framework for better banking sector regulation.

Table 1.38 Stocks Traded, Turnover Ratio

(per cent)

Country	1990	1995	2000	2005	2006	2007	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Brazil	23.6	47.8	43.5	38.3	42.9	56.2	74.3	73.9	66.4
Russia	0	0	36.9	39	64.1	58.9	59.2	108.5	85.7
India	65.9	10.5	133.6	94.2	93.1	84	85.2	119.3	75.6
China	0	115.9	158.3	82.5	102	180.1	121.3	229.6	164.4
South Africa	-	7	34	39	48.8	55	61.6	57.3	39.6

Source: Standard & Poor's, *Emerging Stock Markets Factbook* and supplemental S&P data.
Notes: Turnover ratio is the total value of shares traded during the period divided by the average market capitalisation for the period. Average market capitalisation is calculated as the average of the end-of-period values for the current and the previous period.
- Not available.

Table 1.39 Equity Valuation Measures: Dividend-Yield Ratios

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Brazil	9.34	2.95	3.18	4.93	5.51	3.46	4.43	3.9	3.1	2.2	4.6	2.9	2.7
Russia	0.72	0.14	0.92	1.11	1.87	2.38	3.12	1.6	1	1.2	3.5	1.4	1.5
India	2	1.25	1.59	2.03	1.81	1.47	1.53	1.3	1	0.7	1.8	0.9	0.9
China	3.71	3.14	0.95	1.95	2.41	2.19	2.26	2.7	1.5	1.2	3.1	1.9	2.2
South Africa	-	-	2.8	3.5	3.8	3.2	2.6	2.5	2.4	2.7	4.5	2.7	2.3

Source: Data from Morgan Stanley Capital International. *Note:* - Not available.

Table 1.40 Emerging Market External Financing: Total Bonds, Equities, and Loans

(in US$ million)

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Brazil	14,214	12,952	21,454	19,266	11,119	12,909	15,834	27,486	31,219	73,218	30,843	39,601	67,703
Russia	13,156	167	8,313	2,831	8,535	12,239	22,532	37,004	59,165	84,536	61,230	53,940	45,389
India	1,434	2,376	3,428	2,066	1,360	3,776	13,060	21,660	29,534	60,513	37,561	58,320	115,92
China	6,975	3,462	9,227	4,255	4,256	12,843	22,850	38,805	50,040	75,677	28,261	66,829	9
South Africa	-	3,423	8,699	4,647	4,058	7,837	5,413	6,266	12,701	19,904	2,816	7,980	79,879 7,460

Source: Data provided by the Bond, Equity, and Loan Database of the International Monetary Fund sourced from Capital Data.
Note: - Not available.

Table 1.41 Insurance Sector in BRICS Economies

Country	1990	1995	2000	2005	2006	2007	2008
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Life Insurance Premium Volume/GDP							
Brazil	0.002	0.003	0.004	0.013	0.013	0.014	0.015
Russia	-	-	-	0.001	0.001	0.001	0.001
India	0.010	0.012	0.017	0.026	0.041	0.040	0.039
China	0.002	0.003	0.010	0.018	-	-	-
South Africa	0.077	0.110	0.146	0.108	0.130	0.126	0.122
Non-Life Insurance Premium Volume/GDP							
Brazil	0.01	0.02	0.02	0.02	0.02	0.02	0.02
Russia	-	-	-	0.02	0.02	0.02	0.02
India	0.00	0.01	0.01	0.01	0.01	0.01	0.01
China	0.01	0.01	0.01	0.01	-	-	-
South Africa	0.02	0.03	0.03	0.03	0.03	0.03	0.03

Source: World Bank. *Note:* - Not available.

In Russia, banking supervision has continued to improve and the regulatory framework is considered to be broadly adequate. Russian banks are generally well-capitalised and sufficiently provisioned. Capital adequacy ratios are at comfortable levels by international standards. Profitability in the banking system is robust and has improved, even as foreign banks have entered the market and increased competition. As of the end of November 2010, there were 225 banks with foreign investment in their authorised capital.

In India, major policy measures during the reform of the banking sector included phased reductions in statutory pre-emption like cash reserve and statutory liquidity requirements and deregulation of interest rates on deposits and lending, except for a select segment. The diversification of ownership of banking institutions is another feature which has enabled private shareholding in public sector banks through listing on the stock exchanges, arising from dilution of government ownership. Over the period, the performance of the banking sector has improved, both in terms of reducing non-performing assets (NPAs) and improvement on indicators of prudential measures. Further, at the policy level, greater emphasis has been placed on financial inclusion and improving the delivery of financial services in line with technological developments.

Since the reform and opening up of China, China's banking industry reforms have continuously deepened especially in recent years, with the banking sector's comprehensive strength, risk management capabilities, and international role gaining significance rapidly. To promote reform and improve management at the same time, shareholding commercial banks in China have continued to deepen reforms, thereby consolidating the micro-foundations of the fi nancial system.

The South African banking sector has consistently maintained capital adequacy ratios well in excess of the required minimum. As a result, South African banks remained adequately capitalised through the crisis and the financial system did not experience any funding or liquidity problems. This is due to the fact that South African banks are well regulated, have sophisticated liquidity management systems, and limited reliance on funding in foreign currency. To further strengthen regulation to support financial stability, the government is currently focused on four main areas of reform in the banking sector: strengthening financial stability, broadening fi nancial services for the poor, increasing competitiveness and efficiency, and promoting investor and consumer protection.

A shift is underway to a 'twin-peak' approach to regulation with the central bank being responsible for prudential regulation and the financial services regulator for market conduct regulation. Prudential regulation of the insurance sector will be strengthened through the introduction of 'Solvency Assessment and Management', an approach similar to Solvency II in Europe. In addition, regulation of the credit rating agency was introduced during 2011. A framework to facilitate moving OTC derivative trading to an exchange and the approach to oversight of shadow banking, hedge fund, and private equity industries will be reviewed.

Preparations for implementing the Basel III capital and liquidity requirements are underway, including the QIS and assessments of the availability of high-quality liquid assets and banks' ability to adhere to the required standards. A formalised framework of identifying systemically significant institutions is also being developed. Crisis management arrangements are being strengthened between the National Treasury and

SARB. A review of the contingency framework has been conducted in terms of a World Bank/First Initiative project.

BANKING SECTOR PERFORMANCE

Capital-to-asset ratio as an indicator of the performance of BRICS witnessed a gradual fall over the period, indicating an expansion in banking activities. Years like 2005 and 2009, however, witnessed a rise in the ratio (an improvement in financial stability, deleverage, increase in risk aversion), indicating contraction in banking activities (Table 1.42).

Capital-to-risk weighted assets as an indicator of the soundness of banks has risen considerably in BRICS economies though there were years when it fell marginally in some of the countries. Following the global crisis, there has not been any significant fall in the ratio, indicating that the banking sectors in these countries are sound and well capitalised. A similar pattern is reflected in the NPAs of banks in the BRICS, which have been gradually declining over the period as a percentage of total loans.

As regards banks' provisions for NPAs, such provisions were kept much in excess of the total non-performing loans in Brazil and China. However, provisions as a percentage of non-performing loans have been increasing in all BRICS countries during the period.

The profitability of banks in terms of both return on assets and return on equity has also been rising gradually in most BRICS economies notwithstanding fluctuations in the ratios over the years (Table 1.43).

Table 1.42 Prudential Indicators of the Banking Sector in BRICS

	Bank Capital to Assets				Regulatory Capital to Risk Weighted Assets Country			
Country	1999	2005	2009	2010	1999	2005	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Brazil	-	10.4	11.2	10.9	-	17.9	18.9	17.6
Russia	14.3	12.8	15.7	-	18.1	15	20.9	18.9
India	5.9	9.8	10.3	-	11.2	12.8	13.2	-
China	5.2	4.4	5.6	-	11.2	2.5	11.4	-
South Africa	-	7.9	6.7	-	-	12.7	14.1	14.4

Sources: National authorities; IMF staff estimates.
Note: - Not available.

Table 1.43 Bank Profitably Indicators in BRICS

(per cent)

	Return on Assets				Return on Equity				Non-performing Loan/Total Loan			
Country	1999	2005	2009	2010	1999	2005	2009	2010	1999	2005	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Brazil	-	3.2	2.4	3.2	-	30.1	22.1	29.3	-	3.5	4.2	3.1
Russia	-0.3	3.2	0.7	1.6	-4.0	24.2	4.9	10	13.4	2.6	9.5	9.5
India	5.9	0.9	1	-	-	13.3	12.3	-	14.7	5.2	2.3	-
China	5.2	0.6	0.8	-	-	15.1	15.1	-	28.5	8.6	1.6	-
South Africa	-	1.2	0.9	-	-	15.2	15.9	15.4	-	1.5	5.9	5.9

Source: Global Financial Stability Report, IMF.
Note: - Not available.

The Brazilian banking system consists of state-owned, foreign, and private domestic banks. There are, however, differences in the asset structures of the various banking segments. In Brazil, most fi nancial institutions that receive demand deposits are organised under a multiple or universal bank structure, combining the commercial portfolio with at least one of the following portfolios: investment, leasing, real estate credit, or financing. According to the *Central Bank Financial Stability Report*, published in June 2010, state-owned institutions accounted for 41 per cent of the total assets, while domestic private banks held 37 per cent, and private foreign institutions held 19 per cent. The remaining 2 per cent was distributed among 1,388 credit co-operatives, which are important agents for agricultural business.

Since 1994, there has been considerable concentration in the banking sector, with a significant reduction in the number of institutions. In June 2010, there were 140 banking institutions, with the five largest accounting for 70 per cent of the total assets.

State-owned banks in Brazil play a significant role in agricultural and real estate credit. Given the tough competition for market share, however, private and state-owned banks are gradually operating in the same areas, with private banks increasing their stake in real estate credit and public institutions targeting retail credit through acquisitions of smaller institutions. Finally, it is worth mentioning the important role played by BNDES, the Brazilian Development Bank, in fostering infrastructure investment via long-term credit operations.

As of end-2009, China's banking sector was composed of 3,857 banking institutions with approximately 193,000 outlets and 2,845,000 employees. The total assets and total liabilities of fi nancial institutions in the banking sector reached RMB 78.8 trillion and RMB 74.2 trillion, respectively; the outstanding deposits of banks denominated in both domestic and foreign currencies grew to RMB 61.2 trillion; and the outstanding loans in both domestic and foreign currencies reached RMB 42.56 trillion. The outstanding non-performing loans (NPLs) of commercial banks registered RMB 497.3 billion, the NPL ratio recorded 1.58 per cent, and the coverage ratio for provisioning grew to 155 per cent. In 2009, the net profits of banking institutions after tax reached RMB 668.43 billion. In terms of market capitalisation, the Industrial and Commercial Bank of China (ICBC), China Construction Bank (CCB), and Bank of China (BOC) rank as the top three global banks. The five largest commercial banks, namely, ICBC, CCB, BOC, ABC, and BOCOM, account for 50.89 per cent in total assets and 59.86 per cent of the banking sector's total after-tax net profits. Their NPL ratios registered 1.54 per cent, 1.50 per cent, 1.52 per cent, 2.91 per cent and 1.36 per cent, respectively.

Russia's financial system is dominated by banks. The Russian banking industry comprises a number of players: (i) the Central Bank of Russia (CBR); (ii) state-owned banks; (iii) large private banks, (iv) local private banks, and (v) banks controlled by foreign capital. In 2006 the majority share (90.1 per cent of total assets) of the banking system in Russia was constituted of credit institutions, with private banks accounting for a larger share in the total assets of the banking system (55.5 per cent) *vis-à-vis* the state-owned banks (34 per cent). Non-bank credit institutions account for only around 10 per cent of the total assets of the banking system.

One feature of the Russian market is the large number of credit organisations; as on 1 December 2010 there were 1,023 credit organisations, of which 225 have foreign participation in chartered

capital. The market is also characterised by significant concentration, with the top 30 banks accounting for approximately 70 per cent of all banking assets.

Retail and corporate banking is dominated by state-controlled banks, the main ones being Sberbank and VTB. State-controlled banks taken together held more than 48 per cent of the banking sector's total assets as of December 2010. The largest private-owned banks are Alfa Bank, MDM Bank, PromSvyazBank, and UralSib. Major international banks with substantial retail and corporate banking footprint in Russia are subsidiaries of Barclays, Citibank, Raiffeisen, Société Générale, and Uni Credit.

Participation in the Russian formal financial sector remains low. An estimated 60 million people (42 per cent of the population) still have no access to financial services, such as bank savings accounts, credit, or investments in securities.

The Indian financial system is a complex network of institutions, with a variety of functions and governed by different regulations, that are dominated by public and private commercial banks. Besides commercial banks, which are the predominant intermediaries of the financial system, there are cooperative banks, development finance institutions, non-banking financial companies, insurance companies, provident funds, and mutual funds. The RBI exercises its supervisory role over the banking system encompassing commercial and cooperative banks through the powers provided under the Banking Regulation Act, 1949 and the Reserve Bank of India Act, 1934. The RBI also regulates select all-India fi nancial institutions under the Reserve Bank of India Act, 1934. Consequent upon amendments to the RBI Act in 1997, a comprehensive regulatory framework for Non-Banking Financial Companies (NBFCs) was also introduced. In respect of state and district central cooperative banks and regional rural banks, while the RBI is the regulator, supervision is vested with the National Bank for Agriculture and Rural Development (NABARD). Insurance companies and mutual funds are regulated by the Insurance Regulatory and Development Authority (IRDA) and the Securities and Exchange Board of India (SEBI), respectively.

The banking sector in India evolved to a significant extent in response to financial sector reforms initiated as part of structural reforms encompassing trade, industry, investment, and the external sector that were launched by the central government in the early 1990s against the backdrop of a serious balance of payments problem.

Accordingly, financial sector reforms were initiated as part of overall structural reforms to impart efficiency and dynamism to the financial sector. The country's approach to reform in the banking and financial sector was guided by Pancha Sutra or five principles: (i) cautious sequencing of reform measures; (ii) introduction of norms that were mainly reinforcing; (iii) introduction of complementary reforms across sectors (monetary, fiscal, external, and fi nancial); (iv) development of financial institutions; and (v) development and integration of financial markets. The evolution of the banking sector in this phase can be divided into two phases, that is, from 1991-2 to 1997-8 and from 1997-8 onwards.

The regional rural banks (RRBs) have been playing an important role in purveying rural credit. With a view to strengthening them, banks were encouraged to amalgamate state-wise the RRBs sponsored by them. In this context, the Government of India, after consulting NABARD, the concerned state governments and sponsor banks, initiated the process of amalgamating RRBs in September 2005. As a result of this initiative, 137 RRBs were amalgamated by 31 October 2006 to form 43 new RRBs (sponsored

by 18 banks in 15 states). This has brought down the total number of RRBs from 196 to 102. Further amalgamation proposals are being considered by the Government of India to strengthen the rural credit sector.

South Africa's banking sector is highly concentrated with the five largest banking groups (ABSA Bank Ltd., Standard Bank of South Africa Ltd., FirstRand Bank Ltd., Nedbank Ltd., and Investec Bank Ltd.), accounting for 91.6 per cent of total bank assets at the end of 2010. The financial crisis did not have a direct impact on the South African banking system, but the economic downturn that resulted from the crisis reduced the profitability of banks.

Growth in loans and advances declined sharply at the onset of the crisis as a result of a downturn in the economy and turned negative in September 2009, only returning to positive growth in May 2010. The rate of growth has remained relatively subdued since then, and registered year-on-year growth of 2.5 per cent in December 2010.

Credit risk remains relatively high, although stable, with asset quality appearing to have reached a plateau. Through the crisis, impaired advances rose sharply as households and businesses came under increasing financial strain. Banks continued to face high levels of impaired advances loans during 2010. Impaired advances as a percentage of gross loans and advances averaged 5.8 per cent in 2010, compared to 5.9 per cent in 2009 and just 3.2 per cent in 2008. As a percentage of gross loans and advances, impaired loans have remained between 5.7 per cent and 6 per cent since August 2009. Credit losses have returned to pre-crisis levels of about 0.1 per cent of gross loans and advances.

The minimum capital adequacy ratio for South African banks is 9.5 per cent, which is higher than the minimum 8 per cent ratio established by the Basel II requirements. The actual capital adequacy ratio for the banking sector increased from 13 per cent at the end of 2008 to 14.1 per cent at the end of 2009 to 14.9 per cent at the end of 2010. Tier 1 capital adequacy improved from 10.2 per cent at the end of 2008 to 11 per cent at the end of 2009 to 11.8 per cent at the end of December 2010 (well in excess of even Basel III's 7 per cent requirement).

Nevertheless, certain features of the South African banking system can create potential vulnerability to funding market illiquidity, in particular the reliance on short-term wholesale funding from a concentrated depositor base. This places a burden on banks to ensure that they are constantly able to roll over borrowed funds from their corporate clients and other financiers. While foreign exchange liquidity risk is currently low, the gradual liberalisation of exchange controls can place a higher burden on the financial system to monitor and manage liquidity vulnerability. So far, SARB has imposed a prudential liquid asset requirement on all banks, which stands at 5 per cent of average liabilities, as adjusted for non-remunerated reserves. South African policy-makers, who have amended pension fund rules to encourage pension funds to place longer-term funding with banks, will review securitisation rules and investigate why retail depositors have short-dated holdings in banks. In relation to the proposed global liquidity standards, South Africa will take a cautious, gradual approach in adopting standards such as those proposed by the Basel Committee on Banking Supervision (BCBS), in order to minimize their impact on the profitability and credit extension of banks in South Africa. While South Africa generally takes a proactive approach to adopting international banking supervision standards once they are finalised, the global liquidity standards are likely to have a significant impact on the economy as a whole, and not just the banking sector. As a result, a more conservative approach is being taken with respect to this specific area of the proposed global standards.

ACCESSIBILITY OF FINANCIAL SERVICES

The accessibility of the banking sector for the common man can be measured by various indicators. Some of these indicators are number of branches per unit area, branches per population, automatic teller machines (ATMs) in a unit area and per unit of population, and the depth of banking penetration at the aggregate level using indicators like deposit-to-GDP and loan-to-GDP rates. Based on available and comparable data for the period from 2005 to 2010, BRICS economies significantly improved the accessibility of banking services to the common man. Branches per 1,000 sq. km and branches per 100,000 adult population have increased in both India and Brazil, the number of ATMs per 1,000 sq. km and per 100,000 adult population has increased in Brazil and Russia, and deposit to GDP as well as credit to GDP have increased significantly in all the BRICS economies (Table 1.44).

In South Africa, the banking sector is continuously studying ways to serve the previously unbanked market. The launch of the Financial Sector Charter (FSC) led to the establishment of an entry-level basic bank account called the Mzansi bank account in 2004. It is estimated that by the end of June 2010 more than 5 million Mzansi accounts had been opened. Banks also introduced additional products for low-income people, and engaged with key partners to improve market share and the product base available to customers. Having surpassed their original target of R42 billion for the provision of affordable housing in terms of the FSC, banks made further strides to enhance access to housing finance. Among other things, a guarantee fund of R1 billion was made available to the banking sector by the government to accelerate the delivery of housing to low-income earners. Other initiatives by the South African banking sector, aimed at financial inclusion, are related to increasing points of access in low income areas, especially due to the competition introduced by smaller banks focusing on unsecured lending, and the innovative use of technology to reach underserved areas.

CREDIT DEPTH

Credit depth information, which is measured in terms of accessibility and quality on a scale of 1-6 with higher values indicating easier and

Table 1.44 Financial Services Accessibility in BRICS

	Brazil			Russia			India			China			South Africa		
	2005	2009	2010	2005	2009	2010	2005	2009	2010	2005	2009	2010	2005	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Number of commercial bank branches per 1,000 sq.km	2.08	2.37	2.33	-	-	-	23.86	27.86	29.14	-	-	-	1.91	2.64	2.8
Number of commercial bank branches per 100,000 adults	13.06	3.95	13.76	-	-	-	9.69	10.43	10.91	-	-	-	7.19	9.37	10.1
Outstanding deposits with commercial banks (per cent of GDP)	34	46.32	47.51	18.66	33.12	-	47.31	60.11	-	123.21	137.11	-	41.31	44.68	41.62
Outstanding loans from commercial banks (per cent of GDP)	18.09	26.28	29.04	26.46	50.76	-	31.21	43.62	-	85.33	107.62	-	62.55	75.27	69.65

Source: IMF. Note: - Not available.

better quality of credit, showed that while Brazil had maintained a depth throughout the period of 2005-10, China and India improved from 2006 and remained stable since then, and Russia improved significantly from 2009 onwards. South Africa maintained the highest credit depth of information among BRICS during 2005-10 (Table 1.45).

Table 1.45 Credit Depth of Information Index (0 = low to 6 = high)

Country	2005	2006	2007	2008	2009	2010
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Brazil	5	5	5	5	5	5
Russia	0	0	4	4	5	5
India	2	3	4	4	4	4
China	2	4	4	4	4	4

Source: World Bank, Doing Business Project (http://www.doingbusiness. org/).
Note: The credit depth of information index measures rules affecting the scope, accessibility, and quality of credit information available through public or private credit registries. The index ranges from 0 to 6, with higher values indicating the availability of more credit information, from either a public registry or a private bureau, to facilitate lending decisions.

DOMESTIC CREDIT TO GDP

The depth of credit in terms of domestic credit to GDP varies widely among the BRICS economies. While the ratio increased in the case of Brazil, India, and China during the period 1995-2009, there was a decline in the ratio in Russia during 2000-5. The quantum of domestic credit has been higher than GDP in South Africa since 1990 and in China since 2000 (Table 1.46).

Table 1.46 Domestic Credit Provided by Banking Sector

(per cent of GDP)

Country	1990	1995	2000	2005	2006	2007	2008	2009
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Brazil	89.3	58.9	74.6	81.5	86.6	92.2	96.9	97.5
Russia	0	25.5	24.7	20.6	22.4	25.5	25.1	33.8
India	51.4	44.1	53	60.1	60.9	60.8	68.2	69.4
China	89.4	87.7	119.7	135.6	133.5	127.8	120.8	145.2
South Africa	107	150.5	162.5	209	192.9	195.2	172.2	183.5

Source: IMF, International Financial Statistics and data files, and World Bank and OECD GDP estimates.
Note: Domestic credit provided by the banking sector includes all credit to various sectors on a gross basis, with the exception of credit to the central government, which is net. The banking sector includes monetary authorities and deposit money banks, as well as other banking institutions where data are available (including institutions that do not accept transferable deposits but do incur such liabilities as time and savings deposits). Examples of other banking institutions are savings and mortgage loan institutions and building and loan associations.

Concluding Observations

Since the macroeconomic parameters and features of development vary within BRICS economies, the challenges they face in making their growth processes sustainable also vary. In Brazil macroeconomic stabilisation is a key precondition for successful reforms and sustainable growth. The challenges that the Brazilian economy faces are (i) its tradeable goods sector is small when compared to other EMEs like China; (ii) saving and investment rates have to increase as in other BRICS economies like China and India; (iii) improvements are required in the public sector, the public debt structure, and financial intermediation; and (iv) it needs to enhance the depth and efficiency of the financial sector.

In the case of Russia, the key challenges are

accelerating the implementation of structural reforms, particularly in inefficient and under-capitalised natural monopolies, and strengthening the investment climate. For India, the major challenges are (i) making the growth process more inclusive, (ii) improving physical infrastructure, (iii) developing the agriculture sector, and (iv) enhancing delivery of essential public services, such as education and health, to large parts of the population.

Similarly for China, policy changes are needed to address both domestic and external challenges. If China is to sustain its rapid economic growth, the economy needs to be restructured away from heavy dependence on export-led growth towards self-sustaining domestic demand, and the opportunity to share in the benefits of growth needs to be spread more equitably across all levels of society. To facilitate all-round, balanced, and sustainable development, financial sector reforms are needed to improve the intermediation of China's large private savings. The government also needs to raise social spending in the areas of education, healthcare, and pensions, which will serve to reduce precautionary saving and boost consumption over time. There is also a need to improve the investment structure, advance reforms in the healthcare, pension, and education systems, and provide more support to rural areas and less-developed regions.

In South Africa, the key challenge is to achieve higher levels of inclusive growth that raise employment and reduce inequality. Policies proposed in the New Growth Path constitute the key means to address these challenges through a development state that places employment at the center of the fight against inequality within a prudently managed macroeconomic framework. Policy measures focused on skill development, the expansion of infrastructure networks, small enterprise promotion, the development of rural economies, industrial policy that promotes higher-value added exports, green economy initiatives, and regional integration are prioritised. Low domestic savings, currency volatility, inadequate investment in productive sectors of the economy, and the efficiency of government services delivery are some of the other challenges.

To conclude, even though the BRICS have pursued different paths of growth with different macroeconomic parameters and varied institutional strengths, the world seems to be optimistic about their emergence based on their respective durable comparative advantages. The growing role of the BRICS is confirmed by the rapid recovery of these economies from the global financial crisis, which demonstrates that optimal global economic policy-making cannot be undertaken without including the BRICS economies at the highest levels of decision making.

3 BEST PRACTICES

This chapter looks at the best practices and institutions within the BRICS economies that have made significant differences to these economies and contributed to their high growth rates. The purpose is to showcase successful practices and institutions for the rest of the world to draw lessons for social upliftment, poverty reduction, financial sector stability, and faster economic growth. Many of these practices and institutions have relevance within the BRICS bloc for enhancing cooperation and creating synergies, so that the BRICS could collectively grow faster. This is the case despite the fact that the BRICS are culturally, demographically, and politically disparate, each with its own unique identity and institutions.

Major showcase areas for Brazil include agricultural research, which has transformed the country into a major exporter; the use of bio-fuel for road transport, and the emergence of Embraer as a high-technology aircraft manufacturer. In the social sphere, Conditional Cash Transfers that target poverty and the success of the anti-AIDS

policy provide useful lessons. A regulatory framework that helped Brazil withstand the shock of the global crisis and the issuance of domestic currency-denominated international bonds, which transfer currency risk to investors, are other successful practices that have been highlighted.

Russia's major achievements include reforms during 1999-2009 that promoted economic growth, lowered inflation, and led to a dramatic fall in the number of people living below the poverty line. Specific achievements include setting up of the Oil Stabilisation Fund that was successful during the crisis, budgetary reforms through the devolution of decision-making powers, and the introduction of a fl at personal income tax rate of 13 per cent that ensured improvement in compliance.

The main showcase institution for India is private entrepreneurship which has been instrumental in achieving 8-9 per cent annual growth of the economy in recent years. Private initiative has been responsible for the excellence achieved in the information technology sector and the innovative streak that has led to improvisation and production of low-cost goods for the Indian mass market.

Besides, the calibrated approach to capital account convertibility and the External Commercial Borrowing Policy have helped insulate the economy against surges and reversals of debt flows and maintained the external debt at sustainable levels. The Right to Information Act is increasing transparency and accountability of government operations and the Mahatma Gandhi National Rural Employment Guarantee Scheme is a major step towards making growth inclusive.

The best practices and institutions of China are those that have helped ensure progress in terms of economic growth, enhancing its national strength and improving the living standards of its people as well as the success in making the historic transition from a highly centralised planned economy to a robust socialist market economy and from a closed and semi-closed country to a country that is open to the outside world. Specific areas are FDI attraction and utilisation, and infrastructure financing, among others.

The Chinese globalisation model has also been different, in that foreign direct investment was encouraged. The sub-national governments (cities/provinces) have been successful in attracting foreign investment by providing improved infrastructure and a favourable regulatory environment. China also has experience in financial macro-management. The reform and development of China's banking industry and financial market played a key role in promoting rapid and sustainable economic growth.

South Africa has a long record of responsible macroeconomic management, which has helped to promote the development of a deep and liquid bond market and reduced external vulnerability. South Africa has strong institutions and a highly developed, well-regulated banking sector that escaped the worst effects of the financial crisis. With the most developed industrial and financial capabilities on the African continent, South Africa's role in the integration of policies, markets, finance, and infrastructure is vital to Africa's economic development and realisation of the continent's potential as a growth pole in the global economy. Outwardly oriented South African companies are among the largest sources of FDI in Africa and the country's development financing institutions are playing an increasing role in the funding of regional infrastructure investment.

Brazil

Agriculture

Brazilian agriculture has undergone dramatic changes in the past few decades. From a net

importer of food grains, Brazil has emerged as a major exporter of food products. This change has been possible due to major technological breakthroughs and the extension of cultivation to previously uncultivable land. More important, the change has not happened at the expense of the Amazon rainforest, as is sometimes believed, but through the extension of cultivation to a region called the Cerrado, which is 1,000 km south of the Amazon forest and was earlier regarded as having limited cultivation potential.

The FAO estimate for the total potential cultivable land of Brazil is over 400 million hectares. Thus far only 59.5 million is being used, with most of the new land in the Cerrado. The success of agriculture has also raised expectations that Brazil may be able to meet the growing global food demand-supply gap resulting from growth in population and per capita income.

Agricultural Research

Much of the credit for agricultural transformation in Brazil goes to *Embrapa, which is the abbreviation for Empresa Brasileira de Pesquisa Agropecuaria* or the Brazilian Agricultural Research Corporation. The organisation was set up by the national government in April 1973 to develop agricultural technologies through research and innovation. The decision was prompted by a period of rapid population growth and a large increase in per capita income, which created the risk that the country might not be able to meet its growing domestic demand for food. The organisation has since developed more than 9,000 technologies for Brazilian agriculture, reduced production costs, and increased the supply of food while conserving natural resources and the environment.

Among its major achievements, Embrapa is largely responsible for expanding the agricultural frontier into a region called the *Cerrado,* which was previously considered uncultivable. The Cerrado occupies about 23 per cent of the Brazilian territory and has acidic soil with low levels of nitrogen and phosphorous. To overcome this limitation, Embrapa developed, *inter alia,* acidity correction technologies by pouring industrial quantities of lime (pulverised limestone or chalk), encouraged the expansion of Brazil's beef herd and adapted soybeans (a temperate climate crop) for the tropical climate. Today, the *Cerrado* accounts for 70 per cent of Brazil's farm output. The region also accounts for 60 per cent of the country's production of soybeans. This was followed by the development of a new variety of grass, which is a crossbreed with an African grass called brachiaria. The new variety produced 20-25 tonnes of grass feed per hectare, many times the native *Cerrado* grass output. This helped turn parts of the *Cerrado* into pastures, making possible the enormous expansion of Brazil's cattle herd.

In addition, Embrapa was successful in turning soybean into a tropical crop. Soybean is a temperate climate crop native to northeastern Asia (Japan, the Koreas, and north-east China) and is sensitive to temperature changes. All other large soybean producers (notably America and Argentina) have temperate climates. Earlier, Brazil was growing soybean in its temperate southern states. However, with cross-breeding, Embrapa began growing soybean in a tropical climate, on the rolling plains of Mato Grosso state, and in the *Cerrado.* More recently, Brazil has been importing genetically modified soy seeds and is now the world's second-largest user of genetically modified seeds after the United States. Embrapa has won approval for its first genetically modified seeds. Embrapa has also pioneered 'no-till' agriculture, where the soil is not ploughed nor the crop harvested at ground level. Instead, the crop is cut high on the stalk and the remains of the plant are left to rot into organic material. Next year's crop is then planted directly into the material, retaining more nutrients in the

soil. In 1990, Brazilian farmers used no-till farming for 2.6 per cent of their grain output, which has now risen to over 50 per cent.

Embrapa has a budget of over US$ 1.0 billion per year and employs almost 9,000 people. It is organised as a large network, comprising 41 decentralised centres in all regions of the country. It has signed 68 technical co-operation agreements with 46 countries and 89 foreign institutions, particularly in the area of agricultural research, and has ongoing multilateral agreements with 20 international organisations, involving research partnerships and technology transfers. The institution has established partnerships with laboratories in the United States and Europe (France, England, and Netherlands) for research in advanced technology. In the sphere of technology transfer to developing countries, achievements include the opening of the Embrapa's technology transfer projects in Africa (Ghana), South America (Venezuela), and Central America and the Caribbean (Panama), which has allowed wider dissemination of innovations and technologies developed by Embrapa.

Bio-energy Fuels: Ethanol

Brazil has a track record of running the most successful bio-fuel programme in the world. The main objective of the Proalcool Programme, which was launched by the Brazilian government in the mid-1970s, was import substitution. The idea was to reduce imports of petroleum products by using ethanol in transport vehicles. Government subsidy was extensively provided for this purpose.

In addition to government subsidy to promote ethanol use, the Brazilian car industry played a major role in disseminating this technology by developing flex-fuel engines that could run on both gasoline and ethanol. Consumers, therefore, have a choice regarding the use of gasoline or ethanol-the choice often depending on the relative prices. Last year, the proportion of flex-fuel vehicles in the Brazilian market exceeded 90 per cent. Ethanol now accounts for 90 per cent of liquid biofuels consumed in the world and ethanolproduction in Brazil and the world nearly quadrupled between 2000 and 2008.

Research on the use of ethanol as a transport fuel began in Brazil in the 1930s and benefited from strong government support. The Proalcool Programme was launched in 1975, and provided for a 20 per cent gasoline mix. The main purpose was to lower dependence on oil imports. Hydrated alcohol was introduced as a direct substitute for gasoline in 1979. This led to a sizeable increase in consumption and production of alcohol between 1976 and the mid-1980s.

The programme received a setback at the beginning of the 1990s, due to the macroeconomic crisis that affected the Brazilian economy. Oil prices were falling and there was a lack of trust among consumers regarding hydrated alcohol. As a result, few cars using ethanol fuel were produced. The use of alcohol as a transport fuel was receiving hardly any serious international attention.

The programme was revived early in 2000, with government support limited to supervision and regulation. A milestone was achieved in 2003 with the introduction of flex-fuel vehicles that are dual-fuel, that is, running on gasoline and ethanol. The decision regarding fuel choice lies with the consumer, depending on a comparison of prices. As a result, the production of ethanol doubled between 2003 and 2010 from 12.6 to 25.7 billion litres. By 2005, 50 per cent of the cars sold in Brazil had flex-fuel engines and the figure rose to 90 per cent in 2010. Brazil became the first country in 2008 to use more biofuels than gasoline. This extraordinary success helped lower petrol dependency in the energy matrix from 45.5 per cent in 2000 to 37.3 per cent by 2008.

Environmental considerations have been fully integrated into the ethanol production policy. Net CO_2 emission is calculated at 260 kilos for each 1,000 litres of ethanol against 2,280 in the case of gasoline, implying an 89 per cent reduction in emissions. Such a calculation takes into account the production /consumption cycle: from planting/harvesting; the high absorption capacity of gases during cultivation; the co-generation of energy as well as emissions in the process of generating energy; and the emissions during transport and consumption. The high absorption capacity of gases by sugarcane cultivation was recognised by the UN when it included ethanol in the Clean Development Mechanism (CDM) Scheme. Based on its success and the increasing efforts by the world to expand the use of renewable energy sources, ethanol stopped being treated as a curiosity from Brazil. Indeed, key international players like Shell, BP, Cargill, and Bunge, among others, have stepped in through acquisition and joint-ventures since 2007 and reinforced the process of concentration and capitalisation of the sector. Petrobras itself has set up a special division for biofuel and in 2010 ranked fourth in production in Brazil. In 2009, one of the major Indian sugar refineries, Shree Renuka Sugars, also entered the market through acquisition of a Brazilian ethanol company. Ethanol as a bio-fuel has enormous potential for future development, as it is more efficient and drastically diminishes land use. New technological pathways (hydrolyses of cellulosic materials) are being explored. The Brazilian experience suggests, therefore, that it is possible to harmonize food and bio-fuel production in a sustainable way.

Conditional Cash Transfers

The Conditional Cash Transfer (CCT) programme aims at directly transferring cash to the poor, provided that beneficiaries fulfill certain conditions like enrolling children in school, getting regular medical check-ups, and receiving vaccinations. The programme is running in many South American countries along with Brazil and is regarded as an example of a best practice in the provision of a social safety net.

The *Bolsa Fammlia* programme in Brazil was created in October 2003 to improve the efficiency and coherence of the social safety net. It is designed to meet two major goals: short-term poverty alleviation and the fight against intergenerational poverty traps. The former is addressed through cash-transfers, while the latter uses conditionalities to encourage families to persist in human capital investment. The programme requires 85 per cent school attendance for school-aged children, updated immunization cards for children up to six years of age, and regular visits to health centres for lactating and pregnant women. Conditional cash transfers proved to be an important factor in reducing inequalities. A study by the International Policy Centre for Inclusive Growth (IPC-IG) shows that, despite its small share in total income (about 0.5 per cent of GDP), the programme has helped reduce inequalities in Brazil by about 21 per cent between 1995 and 2004.

Bolsa Fammlia has also been effective in poverty reduction. The share of population living in extreme poverty (on less than US$ 1.25 per day) reached 5.5 per cent in 2007, from about 11 per cent in the mid-1990s and 15 per cent at the end of the 1980s. According to the World Bank (Press Release No. 2011/093/LAC), the programme is among the most effective social protection programmes in the world, having helped raise approximately 20 million people out of poverty between 2003 and 2009 as well as significantly reducing income inequality.

Anti-AIDS Policy

Brazil was the first nation to provide anti-AIDS therapies at no cost to all patients who needed them since 1991 and has played a pivotal role in public policy debates concerning

HIV/AIDS. Its national HIV/AIDS programme was praised as the best of its kind in the developing world by the United Nations and has served as a model for 31 other developing countries as well as for the global HIV/AIDS policy adopted by the World Health Organization (WHO) since 2003. By 2010, about 200,000 patients in the country benefi ted from these therapies. By providing universal treatment, the country proved that it was possible for developing countries to offer efficient AIDS treatment. Moreover, Brazil has demonstrated that a strategy that combines prevention and treatment is far more effective than concentrating on prevention alone.

The success of the anti-AIDS programme can be seen from the fact that (i) the occurrence of opportunistic infections in Brazil fell by 80 per cent since triple therapies began to be administrated in 1996. As a result, around 358,000 AIDS-related hospitalizations were avoided in the country, saving the Ministry of Health over US$ 2.1 billion between 1996 and 2002, and (ii) anti-AIDS cocktails have prolonged and sensibly improved the life-quality of those infected with AIDS in Brazil. A study conducted throughout the country found a twelvefold increase in mean survival time of AIDS patients from the 1980s to the 2000s- a result similar to that observed in high-income countries. The study also showed that anti-retroviral therapies have allowed these patients to continue to work and interact with their families and friends.

Although in 1992 the World Bank projected that by the year 2000 Brazil would have 1.2 million HIV-positive people, it has in fact had only half as many, that is, about 600,000. From 1994 to 2000, it is estimated that Brazil's treatment policy has avoided a large number of AIDS cases. Anti-retroviral treatment has thereby also significantly reduced the economic costs generated by the loss of productivity of individuals deceased or handicapped by AIDS.

AIDS treatment in Brazil has relied heavily on the local production of generic anti-retrovirals as a strategy to contain treatment costs. This strategy has not only reduced imports of unpatented anti-AIDS drugs but also forced brand-name pharmaceutical companies to concede large discounts in their prices of patented drugs in order to avoid having their patents' monopoly rights overrun by compulsory licensing. Crucially, since the Ministry of Health began substituting expensive imports with local generic equivalents in 1996, the prices of unpatented anti-retroviral drugs fell by an average of 80.9 per cent in Brazil until 2001. By 2011, 11 of the 19 anti-AIDS drugs offered in Brazil were locally supplied.

Regulatory Framework

During the global financial crisis, the Brazilian banking system proved to be substantially resilient. This ensured that the crisis had a minimal effect on the Brazilian economy and there was a quick recovery. Four important aspects stand out and need highlighting as best practices: *(i) supervision:* Brazil adopted a consolidated approach, requiring that even non-financial subsidiaries in a banking group undergo supervision and be subject to controls; *(ii) regulatory capital:* an 11 per cent capital requirement is demanded, compared to the 8 per cent recommended by the Basel Committee on Banking Supervision standards; *(iii) stability:* financial innovations are permitted only after an analysis of their impact on financial stability; and *(iv) transparency:* all operations must be kept on balance, with respective risk requirements and provisions. Operations concerning over-the-counter derivatives must be registered at a clearing house. Regulators have full access to information on all such operations. Accounting Reports show that Brazil's credit provisioning criteria were effective during the last international financial crisis. Since 1999, regulation requires risk classification on all credit operations, considering not only the effective but also the expected loss. Moreover,

regulation requires provisioning at the time the operation takes place, based on borrower and operation risks. Additionally, there is progressive minimum provisioning after 15 days of delinquency. Further enhancements, such as the write-off of disposed portfolios, are under consideration.

Public Debt Management

Brazil has frequently been mentioned by emerging markets as a reference in terms of public debt management due to its successful recent experiences. It has managed to considerably minimize its financing costs and risks, when, for example, it moved from a participation of more than 70 per cent of its debt linked to the exchange rate in 1994 to a modest share of 5.1 per cent in December 2010. The favourable macroeconomic environment over the past 10 years, a consequence of sound monetary and fiscal policies combined with the reduction of external vulnerability, mainly by accumulation of international reserves, allowed the government to adopt good debt management practices, culminating in its assignment as an investment-grade economy in 2008.

One of the main strategies responsible for such a change was the consistent replacement of exchange rate instruments by fixed-rate and inflation-linked debt since 2003. The pace of the substitution was intensified after the adoption of capital gains tax exemption for public debt bonds held by foreign investors in 2006. As these investors are less risk-averse and are used to investing in instruments with long-term maturities, their increasing presence in the domestic market helped to lengthen the maturity profile of debt. Another sound practice adopted by Brazil is long-term debt planning through the definition of an optimal debt structure, a medium-term debt strategy and an annual borrowing plan (which has been released regularly since 2001). Finally, the efforts of the Debt Management Office to increase its transparency levels should be mentioned, making Brazil the first country to achieve maximum score in Investor Relations and Data Transparency Practices at the Institute of International Finance (IIF).

Regarding external debt, since 2006 the country no longer depends on external issuances as a source of funds, due to the considerably decreased need for external borrowing and the strong inflow of dollars. This allowed the government to adopt several measures to improve the profile of external debt and reduce its size, through measures that include prepayment of the IMF (2005) and the Paris Club (2006) debt, the recall of the Brady bonds and the introduction, in 2006, of a permanent programme to repurchase external debt bonds along the entire maturity curve. Nevertheless, the issuances in the external market continue, mainly in dollar and in Real, the Brazilian currency, whose yield curves are very useful as benchmarks to national companies' issuances off shore. The external issuances in local currency are especially important since the currency risk is transferred to investors and helps to set a reference in the external market for a yield curve in domestic currency. In October 2010, Brazil issued US$ 650 million in local currency (R$ 1.1 billion), paying a yield of just 8.85 per cent and maturing in 2028.

Embraer

Embraer is currently the third-largest producer of civil aircraft in the world, only surpassed by Boeing and Airbus. Embraer was founded in 1969 by the Brazilian government as a mixed capital company, being '... the realisation of an old project of some Air Force military officers to constitute an aeronautical industry in the country'. The Aerospace Technical Center (CTA) of the Brazilian Air Force (FAB) had developed the Bandeirante aircraft, intended for civil and military use, and the company was initially created to produce it in series. With the creation of the

company, its engineers, mostly from the Institute of Aeronautical Technology (ITA), but also from FAB and the CTA, began to develop other models of aircraft. The company was privatized and re-structured in 1994 with a focus on regional commercial jet planes (up to 120 passengers). Embraer, therefore, operates in a market space less occupied by the two giants of the aerospace sector, Boeing and Airbus, which are engaged mainly in the development and production of aircraft with capacity of over 120 passengers.

During its 40 years of existence, the company has already manufactured over 5,000 airplanes. The ERJ family models have been sold to over 37 companies in 24 different countries. Its current structure employs more than 24,000 people worldwide. In the period 2000-9, its net earnings were, on average, US$ 8.6 billion annually. The company's shares are traded as blue chips in Bovespa and are rated as investment-grade by both Moody's and S&P.

Russia

Russia has undertaken major reforms in several sectors of the economy in the post-Soviet era. The Russian economy as a result grew by 5.3 per cent per annum during 1999-2009, following a period of stagnation in the 1990s. The rate of inflation decreased from 84.4 per cent in 1998 to 8.8 per cent in 2009 and real average monthly wages increased by 7.4 per cent during the period 1999 to 2009. The growth has been accompanied by a rise in real incomes and a halving of the population living below the poverty line.

Stabilization Fund of the Russian Federation

The setting up of the Stabilization Fund of the Russian Federation in 2004 has helped Russia in several ways, including building up of international reserves, maintaining low public debt levels, and allowing fiscal space for expansionary policies during the financial crisis. The Stabilization Fund of the Russian Federation could be drawn down during the crisis without significant risk to the economy. As a result, the budget could swing from a surplus of 0.25 per cent of GDP in 2008 to a deficit of 0.25 per cent of GDP in 2009 without major risk to external stability. Russia, as a result, emerged from the crisis with a low public debt ratio (around 7 per cent of GDP), unlike the situation in advanced economies. The Stabilization Fund of the Russian Federation was bifurcated in January 2008 to form the Reserve Fund (designed to weather and counter the effects of the financial crisis) and the National Welfare Fund (that aided pension reform).

Labour Market

Supported by continued output growth, labour market conditions improved noticeably in 2010. The effect of seasonal unemployment appears to have been limited in 2010, suggesting robustness in the underlying recovery of the labour market. Unemployment fell from 9.2 per cent in January 2010 to 7.2 per cent in December 2010 (International Labor Organization definition), with the lowest level of unemployment registered in September and November 2010 at 6.6 per cent. With the decline in seasonal employment at the onset of the Russian winter, however, unemployment started to pick up, reaching 7.6 per cent in January 2011. But this figure is still significantly lower than the 9.1 per cent rate registered in January 2010. This situation is reflected in the relatively stable number of vacancies.

Russia's national poverty rate was broadly flat in 2009 and continued to fall in 2010, essentially because of a massive counter-cyclical stimulus, increases in pensions and wages, and unemployment that was much lower than expected. Both the unemployment and poverty rates increased sharply in early 2009; however, as the

large increases in public sector wages and pensions and unemployment benefits kicked in, and as unemployment began to fall as firms shifted to labour hoarding, the national poverty rate fell from 13.4 per cent in 2008 to 13.2 per cent by the end of 2009. In 2010, the poverty rate was at 12.7 per cent, approximately 0.5 percentage point lower than in 2009 with about 0.7 million people moving out of poverty. The poverty rate is expected to decline in 2012 (10.0 per cent).

Tax Reforms

Tax reforms have boosted revenue collections of the Russian government. Most important has been the 13 per cent flat tax on personal incomes. As a result, personal income tax collections registered a rise of 36.1 per cent between 2006 and 2007 due to better compliance. The lower and flat tax slab offers a useful lesson for other countries from the point of view of widening the tax base and increasing compliance.

Budgetary Reforms

Russia has undertaken budget reforms in stages over the period 2001-10. These reforms signify a move towards a more transparent budgetary framework. The emphasis has been on administrative decentralization via earmarking expenditure and revenue responsibilities to lower tiers of the government. The underlying non-oil deficit of the federal government was projected to remain at around 9 per cent of GDP in 2010, above its pre-crisis level. Withdrawal of the fiscal stimulus and fiscal consolidation, therefore, remain an important priority. The government has also set explicit targets for lowering the budget deficit to zero by 2015. The annual goals, based on a projected oil price of US$ 70 per barrel, have been a budget deficit of 4 per cent of GDP in 2011, 3 per cent in 2012, 2 per cent in 2013, 1 per cent in 2014, and 0 per cent of GDP in 2015.

Pension Reforms

A major achievement of the Russian government has been pension reforms. Pensions were raised in 2009-10 through comprehensive pension reforms, which were part of the stimulus package. The move was especially relevant because the share of the aged in the total population has been significant. Increasing pensioners' income was one of the major elements of the anti-crisis policy in 2009. During the course of the year, pensions were increased four times; as a result, an increase by 25 per cent in real terms was achieved in 2009. This policy helped prevent deterioration of the pensioners' standard of living, mitigated the social consequences of the acute phase of the crisis, and resulted in an increase in demand for goods and services, which supported the Russian economy. Starting from 1 January 2010, the so-called valourization of pensions, implying revision of the monetary value of pension rights acquired before 1 January 2002, has taken place. As a result, the value of the pensions for the corresponding group of retirees was substantially increased. Moreover, in 2010, the new concept of 'minimal level of citizens' pension provision' was introduced, whereby starting from 1 January 2010, the sum of the pension and other social support measures for retirees would not be lower than the subsistence level for retirees. According to government estimates, the average level of old-age pensions in 2010 grew by 36 per cent, while their ratio to the average salary reached 40 per cent.

Monetary Policy Conditions

Over the period of reform, Russia has undergone a number of drastic changes related to the development of market mechanism in the economy and the financial system. These changes have increased the share of private sector in the economy, developed the banking system, created foreign exchange and securities markets, and

considerably increased the role of monetary policy in the process of macroeconomic stabilization.

From mid-2006, Russia terminated the provisions of the legislation 'On Foreign Exchange Regulation and Foreign Exchange Control', which had given the Russian government and the Bank of Russia the powers to set limits on foreign exchange operations by residents and non-residents related to capital flows. Therefore, Russia completed the final stage of liberalizing foreign currency legislation. With its current managed floating exchange rate regime, Russia is striving to make the mechanism of setting the exchange rate more flexible. Russia has been able to overcome dollarization/foreign currency dominance in the economy and make the national currency- the rouble- a reliable payment and settlement instrument to be used in international transactions.

Strengthening of integration processes in CIS is a key factor in enhancing the role of corresponding countries, including Russia, in the global economy. In the EurAsEC framework, the treaty concerning the encouragement and protection of mutual investments has been concluded. It is expected to accelerate modernization of the member states' economies and enhance the efficiency of utilizing their productive potential. In the context of cooperation between Russia, Belarus, and Kazakhstan, the Common Economic Space is currently being formed. Its first stage, that is, the Customs Union, is largely completed, with positive consequences including widening of markets, strengthening old production links, and forming new ones.

India

Private Entrepreneurship

A major attribute of India's business environment is the presence of home-grown private entrepreneurship, which has been playing a key role in taking the country forward on a higher growth trajectory. It is sometimes said that India is being driven by 45 million entrepreneurs. There are also a large number of private business conglomerates with diversified business interests and international footprints. The acquisition of companies abroad in order to diversify into foreign markets has been one of the attributes of Indian business groups. Such outward foreign direct investment was of the order of US$ 18.8 billion in 2007-8, US $ 17.5 billion in 2008-9, and US$ 12 billion in 2009-10. This excludes the money raised abroad for acquisitions.

The information technology (IT) sector that accounted for net receipts of US$ 48.2 billion in 2009-10 is almost entirely dominated by the private sector. Some of the names with a large global presence in this sector are Tata Consultancy Services, Wipro Technologies, Infosys, and HCL. The role of the private sector is set to increase with further liberalization of the Indian economy.

Innovations

Grassroots innovation and improvization have been other hallmarks of Indian entrepreneurship. The main attribute has been lowering of costs to take advantage of economies of scale in a large domestic market. Such innovations are often an integral part of a supply chain, providing low-cost components to a larger production unit.

Realizing the market potential, many Indian firms have joined the race for low-cost innovations. Tata Chemicals, for example, makes a water filter that requires no power and can give safe drinking water to a family of five for a month for Rs 30 ($0.65). Researchers at the Indian Institute of Technology and the Indian Institute of Science produced a prototype for a $35 laptop in July

2010. A fi rm called Ayas Shilpa makes suspension bridges for a tenth of the price of conventional ones; in a country where countless villages are connected to the outside world only by perilous rope bridges, this is a major way forward. Indian firms are also devising new business models. HCL Technologies, for example, helps clients to improve their IT systems on the understanding that if they reap no benefits, they pay nothing.

Telecommunications

India's telecom sector has been one of the success stories of the market-oriented reforms. Deregulation and liberalization of telecommunication laws and policies have prompted rapid growth of the sector. The total number of telephones increased from 494.07 million in August 2009 to 706.39 million in August 2010, showing an increase of 13.7 per cent and making India's telecommunications network the second largest in the world. A characteristic feature has been the extremely rapid growth of cellular services combined with modest declines in fixed lines. Wireless connections increased during the period from 456.74 million to 670.62 (14.8 per cent increase), while wire lines declined marginally from 37.3 million to 35.8 million (3.2 per cent decline). The rise in rural connectivity has been more impressive, with an increase from 150.83 million in August 2009 to 230.24 million in August 2010 (an increase of 14.7 per cent), with many attendant benefits for the farming community. As a result of the sharp rise in the number of connections, wireless density increased from 42.3 per cent in August 2009 (98.7 per cent urban and 18.4 per cent rural) to 59.6 per cent (134.1 per cent urban and 27.8 per cent rural) in August 2010.

Inclusive Growth: MGNREGA

A large-scale employment guarantee scheme under the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) was introduced in India in a phased manner from February 2006. The Scheme covers all the districts in the country and provides the option of guaranteed 100 days paid employment in a financial year at the minimum prescribed wage to all adult members of a rural household. MGNREGA has focussed on creating tangible assets, which include water conservation and water harvesting, drought proofing, micro and minor irrigation projects, flood control, and rural road connectivity. Assured employment and enhanced wage earning have led to improved living standards in rural areas. As a result of the Scheme, a number of states have reported a rise in minimum wages. There has also been a fall in labour migration during lean periods. A total of 42.7 million household were provided employment during March 2009 and December 2009, and 2,007 million person days of employment was generated.

Right to Information

In order to promote transparency and accountability in administration, the Right to Information Act was enacted in October 2005. The law empowers Indian citizens to seek information from a public authority, thus making the government and its functionaries more accountable and responsible through mandating a timely response to citizen's requests for government information. The Act has now been in operation for over four years and has led to the empowerment of the common man including the poor and the underprivileged.

In the political sphere, the law contributes to the ability of citizens to become aware of the activities of the government. It raises the level of political debate and leads to a more productive process of policy-making. In the economic sphere, transparency increases efficiency by making the investment climate more conducive. In public administration, transparency improves

the decision-making of public servants by making them more responsive and accountable to the public and reduces corruption by making it more difficult to hide illegal agreements and actions. It also improves legitimacy and trust in the government, allowing for more effective implementation of public policies.

Capital Account Liberalization

India has followed a calibrated approach to capital account liberalization. While there is full convertibility on the current account, the capital account is being opened in phases, in line with development requirements and financial sector developments. An important achievement of the calibrated approach was that India could largely avoid the fallout of the Asian crisis of the late 1990s. Similarly, the country was less affected by the global crisis of 2008-9, with the growth rate moderating to 6.7 per cent. A major advantage of the approach is that the flow of 'hot money' opportunely seeking interest arbitrage has been limited as foreign financial institutions are not allowed unrestricted access to fixed interest rupee debt market.

External Debt Management

Successfully lowering the external debt burden has been an important achievement of the Indian government. The country faced a balance of payments crisis in 1991-2, when foreign exchange reserves fell to two weeks' worth of imports, the debt-GDP ratio had risen to 39 per cent and the debt-service ratio had risen to 30 per cent.

Concerted efforts were then made to lower the external debt burden of the economy. First, liberalization of the economy was introduced in stages, which helped build the growth momentum; this, in turn, helped lower the debt-GDP ratio with a higher GDP denominator. Second, an External Debt Monitoring Unit was set up in the Ministry of Finance to monitor long- and short-term debt and bring out an annual status report on external debt to increase transparency and provide Management Information Service (MIS) inputs for debt management decisions.

The External Commercial Borrowing (ECB) Policy that places all-in-cost and end-use restrictions on commercial borrowings from abroad, plays a key role in external debt management. It has helped prevent the build-up of external debt to unsustainable levels and ensured that foreign debt flows were directed to priority sectors. The ECB Policy has also played an effective countercyclical role. This meant liberalization of the policy during downturns to attract higher capital flows and tightening during booms to discourage excessive fl ows. The Policy, therefore, has been an effective instrument for managing balance of payments in the changing global situation. Restrictions on ECB also minimized the risk of a balance sheet recession for Indian corporates during the recent global crisis, which could have arisen due to excessive borrowing in the pre-crisis period together with currency risks due to a fall in the value of the rupee.

Accounting and Audit Standards

The Indian financial system has been evolving and has withstood testing times during the recent global financial crisis. Indian accounting standards are stringent. In some aspects, India has gone ahead of other countries in implementing additional regulatory safeguards with respect to, inter alia, countercyclical provisions and risk weights and safeguards for securitization. While depreciations in assets are taken into account, appreciations in such assets are ignored in accounting practices. Similarly, under securitization, the profits are not front-loaded, but distributed over the entire life of the asset. The inherent strengths that existed even prior to the

crisis, as well as the reforms now being contemplated based on the recommendations of international standards-setting bodies, lend it resilience and have ensured that its stability has not been threatened.

China

Attracting FDI

Several factors contribute to the successful and rapid development of a country, of which attracting and utilising FDI is one. Attracting foreign investment is an important part of China's national policy of opening up and remarkable achievements have been made in this field. By October 2010, a total of 704,000 foreign invested enterprises have been set up in China; a total of US$ 1.03 trillion of foreign investment has actually been used; 190 countries or regions have made investments in China; and 480 of the world's top 500 enterprises have invested or done business in China. According to the 2010 *World Investment Report* by UNCTAD, China ranked second in the world in attracting FDI and it has ranked first among developing countries for 18 years at a stretch. Foreign invested enterprises have been an important component of China's national economy, evidenced by the fact that 21 per cent of tax revenue, 27 per cent of industrial output, 54 per cent of import and export, and about 45 million of employment are from such enterprises in 2010.

Foreign investment has not only brought to resources to China but also advanced concepts and technological and managerial experience as well as international professionals, all of which have had a profound impact on different aspects of the Chinese economy and its society. Foreign investment has greatly boosted China's economic reforms and speeded up China's participation in economic globalization. Foreign investors have earned substantial returns from investment in China and many foreign subsidiaries have become growth and profit centres for their parent companies.

The objective of the Chinese government, while furthering opening up, is to continue to attract foreign investment in an active and effective manner. China intends to step up efforts at reform and innovation, by expanding the horizons of investment, improving investment facilitation, as well as enhancing and improving the services provided to foreign investors in order to create a more open and optimal investment environment and improve the quality and level of foreign investment utilization on a continuous basis.

After opening up the economy in 1978, China received substantial labour-intensive FDI. In the 1990s, through further opening up, China took effective measures to push its integration with neighbouring economies. This was long before worldwide trade and investment liberalization set in following the Uruguay Round of negotiations and helped the country to successfully avoid the Asian financial crisis. China's economic performance has been outstanding in the early 21st century with the country turning out to be the 'hot spot' of global FDI. With its huge foreign exchange reserves, robust financial system and strong fiscal position, China also remained in a relatively stronger position vis-'-vis other countries on the face of the global financial crisis.

In attracting foreign investment, China pursues a self-dependent industrial and economic development model instead of relying entirely on multinationals. Foreign investors play an important role in China's economy by boosting its economic growth.

China has been adjusting the FDI policy framework in line with its level of economic development to give full play to the positive role

of FDI. By tapping China's comparative advantage in manufacturing, the labour-intensive and export-oriented nature of FDI has also been successful in promoting China's integration into the global economy. More importantly, FDI has brought market economy concepts and rules, the business philosophy of foreign enterprises, and managerial skills into the country. Such spill-over effects have led to market reforms and economic transformation in China, and enabled the local enterprises and industries to achieve a relatively advanced level of efficiency within a short period.

Infrastructure Financing

The Chinese government has taken a number of steps to promote infrastructure development. The government's role in infrastructure development has been defined and is confined to areas where the market cannot play a role. China, therefore, has been adjusting its investment structure by reducing investment in competitive sectors and increasing inputs into other sectors. Priority has been given to important sectors such as agriculture, forestry and water conservation, projects relating to public well-being including affordable housing for low-income groups, and areas of environmental protection like wastewater treatment.

The roles and responsibilities of the central and local governments have been clearly defined. The central government, in addition to projects at the central level, is responsible for cross-regional and cross-river valley projects, as well as those having a greater impact on overall economic and social development. Other projects fall within the responsibility of local governments, with support from the central government, in terms of planning, guidance, and subsidy.

The financing mechanism for public infrastructure has been diversified and improved over time. Direct investment by the government is in projects involving pure public goods, such as the treatment of major rivers. Subsidies or 'substituting awards for subsidy' are used to encourage social funding of profit-oriented projects such as wastewater treatment in urban areas. The Build-Operate-Transfer (BOT) mode is used for projects with yields potential such as expressways that can be built and operated by social funds. New infrastructure financing methods that include interest subsidy are emerging. Such new sources of financing include local bank loans from policy banks and/or commercial banks; investment by public, quasi-public, or local private enterprises; foreign direct investments and loans; grants or concessional loans from multilateral and bilateral agencies; holding funds in trust; and bonds issued by the central government.

The funds for infrastructure development have been well managed. First, performance budget management is implemented to urge the departments in charge of the projects to improve budget expenditure. Second, the treasury management system has been reformed to ensure that funds are used in a safe, timely, and effective manner. Third, supervision and regulation have been enhanced and mechanisms for budget compilation, implementation, and supervision have been put in place.

Investment and financing reforms are promoted through system innovation. The investments in infrastructure, which used to be governmental activities, are now open to market participants; public-private partnerships (PPP) are promoted to encourage social capital into infrastructure investment and to open up incremental asset markets. The attractiveness of infrastructure investment has been enhanced by creating market-oriented projects.

Macro-management of the Financial Sector

Since the reforms and opening up in 1978 and against the backdrop of the gradual introduction of a socialist market economy, China's financial

macro-management has facilitated stable and healthy development of the national economy. The major approaches and experiences in this regard are elaborated in the following paragraphs.

In China's perception, financial macro-management should gradually give way to indirect management. Macro-management should follow the principles of the market economy and take initiatives to adapt to its requirements and should mainly rely on economic means, with legal and administrative instruments as supplementary tools. The market formation mechanism should be continuously optimized to gradually make use of price-based levers, like the interest rate, to guide the behaviour of the private sector. It is important to develop and optimize the financial market and let it exercise various functions including that of price discovery, resource allocation, and risk evaluation.

Financial macro-management must be in accordance with domestic conditions. When the per capita national income is relatively low and the economy is yet to catch up, it is important to concentrate on development, reform, and employment, with monetary policy supporting these objectives. At the same time, when economic development and employment growth are taking place, maintaining economic stability becomes an indispensable target. Macro-management should, therefore, underscore its price stabilizing function through gradual optimization of monetary policy targets and by attaching increased importance to the application of price-based tools so as to adapt to the requirements of the development of the socialist market economy.

Financial macro-management should be self-initiated, proactive and effective. With a gradual increase in economic aggregates and further advancement in the level of opening up, a lack of flexibility in the exchange rate mechanism could, to some extent, limit the manoeuvrability of domestic interest rates and increase the difficulties in money and credit management; it is also disadvantageous to maintain a self-initiated and effective quantity management. Therefore, it is necessary to increase the flexibility of the exchange rate; promote exchange rate reform in a self-initiated, controllable, and gradual way; and strengthen the ability to manage the economy by means of money, credit, and interest rate management. Further, since there is always a time lag involved in monetary policy to have its desired effects, the monetary authority should be far-sighted, scientific, and dynamic in formulating and implementing policies.

The coordination between monetary policy and other macro-policies such as fiscal and industrial policy should be strengthened. The complexity of macroeconomic operation determines that it is unrealistic to rely exclusively on monetary policy to solve all problems. The smooth implementation of monetary policy goes hand-inhand with the coordination of other macro-policies including fiscal policy. Monetary policy concentrates more on short-term quantity management, while fiscal policy is more concerned with middle-tolong-term structural adjustment. Consequently, macro-management must make use of both monetary and fiscal policies in their own ways according to the conditions of the economy, and implement appropriate and well-targeted policy portfolios in order to obtain the best of results.

Managing the relationship between financial stability and monetary policy should be emphasized. A stable system provides an environment in which financial macro-management plays its part. Along with continuous deepening and refining of the financial market, the process of market integration and the development of industry and institution-wide financial products require measures to avoid systemic risk. The central bank must play a greater role in maintaining the overall financial system stability

instead of concentrating only on the risks of individual financial institutions or individual industries. This requires the central bank to address financial risks from a systemic perspective, build a macro-prudential policy framework, curb pro-cyclical fluctuations in the financial system, and promote policies that ensure sustainable support of the financial system to the development of the economy. The central bank should also fulfill its responsibility as 'lender of last resort' according to law, maintain market confidence and a complete and effective payment system, while ensuring the stable operation of the financial system so as to guarantee a smooth operational environment for monetary policy.

Reform and Development of the Banking Industry

Since the reform and opening up of the economy, China's banking industry has undergone major changes. First, a modern banking system has been established in the country. A service system has been preliminarily founded where big commercial banks are the main participants; policy financing and commercial financing are appropriately separated; different types of financial institutions with complementary functions cooperate and develop in a harmonized way; and multiple ways of financing co-exist. Various financial institutions have grown steadily, with the market share of small and medium-sized banking institutions rising steadily from 19.6 per cent in 1993 to 49.1 per cent in 2009. Meanwhile, a modern corporate governance structure has been established in banking institutions, the capacity and level of services have improved, a variety of financial products have been introduced, and financial services have moved from deposits and loans at the beginning of reforms to diverse and tailored activities.

Second, China continues to adhere to the policy of opening up the economy and learning from the experiences of foreign countries. China sticks to an opening strategy of self-orientation, opening up in a prudent and orderly manner without compromising independence, and learning from advanced foreign experiences so as to elevate the core competitiveness of the banking industry. The process of opening up extended from attracting funds and technology, in the beginning, to bringing in funds, intellectuals and systems, and achieving shareholding reform by introducing strategic investors at home and abroad to deepen the transformation of banking industry systems and mechanisms.

Third, international influence and status of the Chinese banking industry has steadily grown. According to the July 2010 Bankers' magazine, China has 84 banks among the top 1,000 banks in the world. At present, ICBC and CCB rank as the top two banks in the world in terms of market value with ICBC being the most profitable bank for two consecutive years.

Fourth, China has spared no efforts in introducing innovation in the banking industry. Ever since the reform and opening up 30 years ago, the country has been building a favourable environment for innovation and promoting innovation practices in every field of banking. Based on national conditions, the banking industry carried out innovations in institutions, products and systems, opened new types of financial institutions such as rural banks, micro-credit companies, automobile finance companies, money brokering companies, and developed business varieties including asset securitization, as well as domestic and overseas wealth management to meet the growing demand for financial services.

China has reinforced and improved macro surveillance and micro supervision to promote steady development of the banking industry. China strengthened and improved macro regulation to create a sound macroeconomic environment for the banking industry; reinforced micro supervision to consolidate the 'firewall'

between credit and capital markets; and intensified stockholder supervision, control over related parties, and management for tackling conflicts of interest. Under the segregated operations and augmented supervision framework, China steadfastly promoted the pilot operation of comprehensive business, appropriately balancing regulation and financial innovation and prudently promoting financial innovation in the banking industry. Laws and regulations were established and perfected with financial infrastructure constantly being improved. In this way, the framework of macro and micro prudential supervision in China's financial industry gradually evolved and consistently improved.

In the process of reform and development, China's banking industry has accumulated rich experiences in the following areas. First, China persisted with the socialist market economy model and improved the quality of reforms. The reforms have extended from simple capital injection from the central government to spin-off bad loans, combining capital injection with transformation of bank ownership structure, corporate governance, and risk management systems. Reforms aim at enabling commercial banks in China to work under the principles of efficiency, safety and liquidity with full autonomy, making them responsible for their operations, risks, profits, and losses. As a result of the reforms, China's banking industry has been successfully transformed from being specialized banks to modern public banks.

Financial Market Developments

Since the beginning of reform and opening up, China's financial market has been transformed from a small and regional market to a large national market. During this process, with the scale of the market expanding, institutions achieving optimality and intermediary institutions and investors becoming mature, China's financial market evolved into a market that is in accordance with general international principles in terms of the legal system, trading rules, and the regulatory system. The transformation has made signifi cant contributions to the process of economic reform as well as social and economic development.

China's experience of capital market development has differed from that in some advanced countries where markets evolved mostly on their own. China's capital market has been promoted both by the government and the market-a route of market economy reform that combines the government's supporting hand and the market's self-evolution. In the beginning, due to the limits imposed by the environment and the design of market institutions, China's capital market accumulated some deep-rooted structural problems. The approach has been to solve these problems and contradictions by deepening the reform process. In recent years, the securities regulatory authority has started a series of important reforms aimed at strengthening market infrastructure, improving market quality and structure, and enhancing market efficiency, which include, *inter alia*, non-tradeable share reform, comprehensive improvement in the quality of listed companies, reform of security company governance, deepening the share issuance system, reforms to promote the market-based fund industry and the development of institutional investors, and attempts to optimize the legal system in the capital market and quicken the pace of developing a multi-layered capital market. These reforms have achieved positive results and China's capital markets have undergone a complete transformation, with constant improvement in its socialist market economy structure, standardization, and internationalization.

China's capital market developments also exhibit some basic principles. First, it is necessary to treat development of the capital market as an essential national strategy, constantly deepening

society's understanding of the importance of sound capital markets, and striving for coordination and consensus on various policies. Second, the development of the capital market should serve the national economy. In this context, it is important to ensure coordinated development of the capital market with the national economy and society. Third, the development of a socialist market economy has to be the focus of reform, and efforts have to be made to encourage participants to move towards this objective. Fourth, endeavour must be made to strengthen the legal system in order to strengthen the capital market and, fifth, opening up and enhancing the international competitiveness of capital markets must be steadily promoted.

China's bond market, which started in the 1980s, focused on private investors and small-to-middle institutional investors and was based on strict regulation and government guidance. The market is geared to meet the financing of the development needs of the real economy. It developed from OTC trading (1988-91), exchange-traded market (1992-2000) to inter-bank bond market (2001-until now). During that time, the lack of efficient market disciplines caused relatively large risks in the market. In recent years, the process of reform and innovation in the Chinese bond market has quickened and the market has already become an important platform for investment, financing and liquidity management for financial institutions and firms. The main development experiences are the following: First, China has positioned institutional investors as the principal players in the inter-bank bond market and has gradually pushed for a multi-layered investor structure that takes market-makers as the core, the financial institutions as the main part, and combines the participation of other investors as well. Second, China steadily promotes financial product innovation. To provide tools for commercial banks to manage balance sheet and increase capital, products viz. commercial bank financial bonds, junior bonds, and hybrid capital bonds have been successively launched; to broaden the enterprises' financing channel, the People's Bank of China has introduced short-term financing bonds and medium-term notes, derivatives, viz. loan-backed securities, bond forwards, bond borrowing and lending, forward rate agreements, and RMB interest rate swaps. Third, China continuously develops the bond market infrastructure and optimizes the institutions of market-makers, bond settlement agency, currency brokerage, information disclosure, credit rating, and so on. Fourth, it prudently promotes the opening up of the bond market. Fifth, it is in the process of developing the exchange security market and establishing the interconnection with the inter-bank bond market.

China's money market has become an important channel for monetary policy transmission and influences aspects such as capital adjustment and the market interest rate. The money market is composed mainly of sub-markets, such as the inter-bank borrowing market and repo market.

The inter-bank borrowing market started in 1984. After undergoing development for 20 years, it has evolved into a unified inter-bank market with a unified inter-bank interest rate that is determined by market demand and supply. Its development experiences include the following: The first has been the establishment of a nationally connected inter-bank borrowing network and the gradual formation of a national unified inter-bank borrowing market. The second was to continuously enlarge the scope of market participants and increase trading at the national inter-bank borrowing market. The third was to gradually abolish limits on inter-bank interest rate and establish an interest rate formation mechanism that is determined by demand and supply in the market. The fourth was to standardize management of the inter-bank borrowing market and avoid market risks by means of mechanisms including inter-bank borrowing market access

management, duration management, quota management, record management, and transparency management. It was important to simultaneously guide market participants about the risks inherent in commercialization and the credibility of counterparties. The fifth was to continuously optimize the functions and services of the trading and information system.

The repo market was started in 1991 and has been developed into a market the structure of which focuses on inter-bank bond market repurchase with the functions of financing and price discovery gaining prominence. The repo market has offered a satisfactory market environment for resource allocation and macro-management reform. The development experiences include the following: First, it has continuously optimized the legal system that combines regulation, self-discipline, and market supervision, which has effectively restrained the tendency of market participants to break rules and/or default. The second has been to raise the level of safety of clients' assets, reducing institutional risks, and guaranteeing stable operation of the repo market under low trading cost and low risk conditions through the proper design of a trading mechanism. The third has been to ceaselessly promote product innovation, enrich product lines, enlarge the scope, and deepen the market, while raising market liquidity and operational efficiency.

Development-oriented Poverty Reduction Programme

The Chinese government has always made poverty alleviation as an important goal and task of national development, and worked hard to enable everyone to enjoy the fruits of economic and social development. Since the mid-1980s, the Chinese government has organized a large-scale, well-planned rural development-oriented poverty reduction programme, which has been incorporated into the Overall Plan of National Economic and Social Development. The government has formulated and implemented the National Seven-year Poverty Reduction Programme (1994-2000) and the Outline for Poverty Reduction and Development in China's Rural Areas (2001-10), and earmarked special fiscal poverty reduction fund for the poor population and poor areas. Through the execution of the key anti-poverty measures such as 'Village-based Poverty Reduction Project', 'Agricultural Industrialization', 'Labour Transferring Training', and 'Voluntary Resettlement', China has achieved large-scale poverty reduction, with the population of the poor declining from 250 million in 1978 to 26.88 million in 2010 and poverty incidence going down from 30.7 per cent to 2.8 per cent during the same period. Massive poverty has been basically eliminated in rural areas and production and employment structures in poverty-striken areas have been optimized remarkably with significant improvement in income, living standards, and development capacity of farmers. These achievements have contributed enormously not only to the economic development of the nation as a whole, political stability, and social harmony but also to the undertaking of global poverty reduction.

Significant achievements of China in poverty reduction are the result of the comprehensive strategic framework. Apart from special poverty interventions, other supplementary policies include institutional reforms, economic growth, industrial restructuring, public service delivery, and social security. Therefore, rural poverty reduction has been achieved by optimizing asset distribution, market improvement, increasing productivity, adjusting the economic structure, promoting coordinated development among diff erent regions, between rural and urban areas and among industrial sectors, and advancing balanced economic and social progress, all of which have fundamentally altered the rural landscape.

In 2011, given the new challenge to rural poverty reduction, the Chinese government has unveiled the Outline for Poverty Reduction and Development in China's Rural Areas (2011-20). The Outline has set new goals for consolidating achievements already made, in solving the problems of food and clothing, accelerating the progress of poverty reduction, ameliorating the eco-system, enhancing development capacity, and narrowing development disparities. It aims to promote poverty reduction centreing on 14 extremely poor areas and consequently lays a solid foundation for the achievement of the national goal of building an all-around better-off society by 2020.

South Africa

Sound Macroeconomic Management

Successful fiscal adjustment was one of the major achievements of the post-Apartheid government. In the mid-1990s, a debt crisis was averted when the government took steps to reduce dissaving and broaden the tax base through more efficient tax collection. Strong revenue growth through this period allowed the government to consolidate debt and tax relief for households and companies. The fiscal deficit declined from almost 8 per cent of GDP in the early 1990s to a small budget surplus before the onset of the global crisis. The ratio of government debt to GDP declined sharply to a low of 27.1 per cent in 2008-9, from 49.5 per cent in 1995-6. Lower debt service costs created space for strong real growth in non-interest expenditure in the 2000s, which allowed the government to expand access to social services and step up infrastructure investment.

The countercyclical fiscal stance adopted during the economic boom in 2006 created space for the government to sustain spending during the recession by increasing borrowing. South Africa's strong fiscal position meant the country could finance the R60 billion shortfall in tax revenue through additional borrowing in order to sustain existent spending on social grants, infrastructure investment, education, and health. In addition, the government extended the child support grant up to a child's 18th birthday (previously only accessible until the age of 15). The government extended the expanded public works programme to support employment and increased the benefit period for unemployment insurance from 6 to 9 months.

South Africa will continue to manage public finances in a countercyclical manner to support long-run fiscal sustainability. The narrowing of the consolidated government balance will continue over the medium-term expenditure framework. This will be done through a moderation in the growth of expenditure and a recovery in revenue in line with the economic cycle. The public sector will continue to support large-scale infrastructure projects to address transportation, water, and energy sector bottlenecks. Social income grants provide a safety net for the poor, while initiatives to support job creation will be intensified. The ratio of debt to GDP is expected to stabilize in 2015-16 before declining.

The 2011 Budget Review outlined a proposal for the adoption of fiscal guidelines to underpin the fiscal stance. These would be based on three principles: (i) countercyclicality, (ii) long-term debt sustainability, and (iii) intergenerational equity.

Monetary policy has operated under an inflation-targeting regime since 2000. During this period, average headline inflation has fallen from 9.9 per cent in the 1990s to 6.3 per cent in the period from 2005-10. The average level of headline CPI inflation declined to 3.5 per cent in the second half of 2010, from 5.1 per cent in the first half of 2010, notwithstanding substantial upward shocks to oil and commodity prices in 2007-8.

Since the adoption of the inflation-targeting framework, the average level of inflation and real interest rates has declined, growth in real GDP and fixed investment has been higher and less volatile, while monetary policy has generally been countercyclical. Communication between SARB and the public has become more transparent, and the SARB has an active engagement with key sectors of society, including business and unions which has encouraged greater policy debate. The independence of SARB and its focus on the inflation target has improved policy credibility and helped to reduce the inflation risk premium in South Africa and appears to have helped contain inflation expectations.

Public Debt Management and the Development of the Local Bond Market

The management of South Africa's government debt has evolved over almost two decades, with a notable and continuous improvement of the government debt management framework since 1994. South Africa has one of the most liquid local currency bond markets in the world with about 90 per cent of government debt denominated in rand. As a risk benchmark, foreign currency denominated debt is limited to a maximum of 20 per cent of total debt. This has helped reduce the vulnerability of fiscal policy to fluctuations in the exchange rate. External bond issuance by government has been primarily aimed at setting benchmarks for state-owned enterprises and private corporates, and at maintaining a presence in the key currency markets to diversify the country's investor base.

Prudent fiscal policy and active debt management helped to reduce debt service costs from a high of 5.7 per cent of GDP in 1998-9 to a low of 2.3 per cent in 2009-10. Active debt management entailed the consolidation of debt that was very costly for the government, limited issuance in offshore markets, and the introduction of more diverse local currency funding instruments-such as inflation-linked bonds, floating rate notes, strips, and retail savings bonds-in order to deepen the investor base and enable the government to fund in all market conditions.

Initiatives to consolidate debt have included switches and buy-backs in the domestic market where high coupon, illiquid bonds with smaller outstanding amounts were either bought back or switched into large, liquid benchmarks bonds with low coupons. This has helped to consolidate and smooth the bond portfolio to ensure that instruments are efficiently priced, thus reducing funding costs for the government over a sustained period. The tradability of bonds in the secondary market has increased considerably, with annual turnover reaching a high of R28 trillion in 2008.

Sound macroeconomic policies have contributed to the deepening of South Africa's capital markets. The responsibility for debt management was shifted from the South African Reserve Bank to the National Treasury early on to remove the inherent conflict between monetary policy and debt management. Other initiatives that have contributed to domestic capital market development were the introduction of the primary dealer system in the late 1990s, setting of clear debt management objectives, and the publication of the government's medium-term funding strategy in the National Budget.

Active debt management has also helped to reduce South Africa's external vulnerability by helping to sterilize the accumulation of official foreign exchange reserves and lengthening the maturity profile of the government's debt portfolio by restructuring short-term foreign debt.

Since 2006, South Africa has partnered with the OECD and regional debt managers to encourage the development of bond markets on the African continent and mutually agreed best-practices. The Centre on African Debt Management and Bond Markets based in South Africa

was established in July 2011. The Centre will, amongst others, focus on: (i) promoting policy dialogue among African debt managers; (ii) drafting and publishing an African Bond Market monitor and compiling debt data and statistics; (iii) sharing exemplary practises in public debt management and the development of bond markets; (iv) engaging in capacity-building programmes to enhance skill levels; and (v) promoting the cooperation and coordination of the Centre with multilaterals, regional institutions, and other financial institutions of complementary projects and activities.

Sound Institutions and Social Dialogue

According to the WEF's 2010 Global Competitiveness Report, South Africa (54th overall) remains the highest-ranked country in sub-Saharan Africa, and second in Africa behind Tunisia, due to its strong performance in the quality of its institutions. The protection provided to intellectual property ranks South Africa 27th in the world and 29th in terms of property rights.

There is strong accountability of private institutions, with South Africa ranking 3rd globally. This is underpined by the success of institutions and regulatory bodies such as the Competition Commission, Competition Tribunal, Financial Services Board, Registrars of Pension Funds and Medical Schemes, Securities Regulation Panel, and the new Companies and Intellectual Property Commission (CIPC).

Since the 1990s, the multidisciplinary King Commission has produced a succession of increasingly stringent corporate governance standards-King 1, 2, and 3-that set out best practices in corporate governance. Their recommendations have informed legislation including the New Companies Act and market regulation, with the Johannesburg Stock Exchange adopting many of the King standards as part of its listing requirements. Likewise, the strength of auditing and reporting standards is supported by legislation that limits ownership and management of audit firms to registered auditors whose qualifications and right to practise are assured by law and by the Independent Regulatory Board for Auditors (IRBA) instituted in terms of the Auditing Profession Act (Act 26 of 2005) and the South African Institute of Chartered Accountants (SAICA). These bodies work closely with the Johannesburg Stock Exchange to ensure compliance with IFRS standards and the development of new standards, such as the recently launched Integrated Reporting Standard Guidelines. This is now the principal annual report for all listed companies which flows from the latest *King III Report.*

The National Economic Development and Labour Council (Nedlac) was established in 1995 to usher in a post-apartheid era of inclusive decision-making and consensus-seeking on major economic, social, and development policies between government, business, and labour.

Strong Financial Sector

The South African financial sector did not experience the financial upheaval seen in advanced economies, and thus the economy is in a favourable position to recover from the downturn and emerge stronger than before. The relative health of the financial sector is emphasized by the 2010-11 WEF *Global Competitiveness Report.* South Africa ranked 6th out of 139 countries for the second year in a row in respect of soundness of banks for 2010 (up from 15th place in 2008), and 1st for regulation of securities exchanges (up from 2nd in 2009 and 5th in 2008). The policy components that protected the country from a financial and subsequent sovereign crisis are elaborated in the following paragraphs.

* **A sound framework for financial regulation and well-regulated institutions.** This ensured that potential risks were

anticipated and appropriate action was taken to mitigate them. South African regulators have generally not followed a light-touch approach. Sustainable credit extension has been possible through effective legislation, such as the National Credit Act, strong regulatory action, and good risk management systems at banks. Further, to avoid complacency, additional work is being done to strengthen the regulatory framework, bearing in mind the lessons of the global financial crisis. These are discussed in a recent document released by the National Treasury entitled 'A Safer Financial Sector to Serve South Africa Better'.

* **Appropriate and conservative risk management practices at domestic banks.** The experience of the small banking crisis in 2002 and the adoption and implementation of the Basel II Capital Accord in 2008 have led to improved risk management practices and stronger crisis management arrangements at domestic banks. In addition, conservative practices at banks have ensured that far less securitization and derivatives trading has taken place relative to advanced markets.

* **Limited exposure to foreign assets.** The prudential regulation of foreign exposure as applied in the past decade, including limits on the extent of exposure to foreign assets by institutional investors and banks, has helped to limit overall foreign risk.

* **Subsidiary structure and listing requirements.** Registered banks have to be subsidiaries of the domestic or foreign parent company, so their assets and liabilities are ring-fenced even when the parent company is in distress. The listing requirement also ensures transparency, rigorous disclosure standards, and high standards of corporate governance, forcing banks to satisfy shareholders and stakeholders at all times.

The South African financial system was protected by a broader set of prudent economic, fiscal, and financial sector policies that insulated the economy from the worst of the global shocks. These include: a robust countercyclical monetary policy framework capable of absorbing relatively large external shocks with minimum impact on the domestic economy; low private and public foreign indebtedness; countercyclical fiscal policy; a proactive approach to dealing with bank credit risks, including changes in capital adequacy requirements and conservative leverage ratios to curb excessive credit growth; and legislation to protect households from reckless lending practices (National Credit Act). These elements are part of a comprehensive set of policies that will continue to ensure financial stability and provide an excellent foundation to build on to increase the resilience of the financial sector.

Expanded Public Works Programme

The expanded public works programme aims to increase employment opportunities for the most vulnerable. Focusing on infrastructure, social, environmental, and community projects administered by various departments, municipalities, and partner organizations, the programme has created about 1 million short-term jobs since Phase 2 began in April 2009. The programme empowers individuals by offering learnerships, training programmes, mentorships, and other skill development certifications, in an attempt to create a skilled labour force to achieve a sustained reduction in unemployment. Key success factors have been the technical assistance provided to under-skilled municipalities to enable them to expand access. A target of 800,000

short-term jobs has been set for 2011-12. The budget for the programme is around R73 billion for the next three years.

Environmental and Climate Change Policies

The South African government has made a commitment to undertake initiatives as part of its response to climate change. Consequently, South Africa has adopted targets for reducing the country's carbon emissions. Conditional on the country receiving financial assistance, South Africa plans to reduce its emissions by 34 per cent and 42 per cent by 2020 and 2025, respectively, relative to business as usual. The government is also responding to the challenge by placing a green economy at the centre of the New Growth Path. This builds on work undertaken on the National Climate Change Response Policy, the Green Economy strategy, the South African Renewable Initiative, the Energy Efficiency Strategy, the Integrated Resource Plan, and the Integrated Policy Action Plan.

Through these government policy initiatives, South Africa is tackling development issues innovatively while also considering the challenges of climate change. For instance, the Integrated Resource Plan departs from previous cost-based approaches to electricity generation strategies and focuses on a balanced approach to designing such strategies. Both traditional and alternative electricity generation methods are being included in the Integrated Resource Plan.

Resource Plan

South African business has also taken up the climate change challenge, launching the Carbon Disclosure Project (CDP) as early as 2000. The CDP is a voluntary global private sector initiative that aims to encourage companies to measure and report their carbon emissions and integrate the cost of climate change into the assessment of their financial health and business prospects. Since the introduction of the project in South Africa, the response rate of South African businesses has been increasing with each passing year. In South Africa, 74 of the 100 largest corporations on the Johannesburg Stock Exchange participated in CDP 2010 (up from 68 in 2009), 31 companies have adopted greenhouse gas reduction targets, and 22 firms have committed to developing such targets. Carbon-intensive sectors, such as energy, industrials, and minerals, have the highest response rates for the CDP. The CDP response rate in South Africa is the fourth highest internationally, and this suggests that climate change remains sufficiently high on the corporate agenda and South African companies are willing and ready to deal with the challenges.

South Africa has a well-developed policy and legislative framework for the conservation and sustainable use of biodiversity. It is one of the few countries in the world to have a Biodiversity Act and a National Biodiversity Institute. By 2008, South Africa had 19 marine-protected areas, covering almost 18 per cent of the South African coastline, declared under the Marine Living Resources Act of 1998. The government's goal is to have at least 20 per cent of South Africa's coastline declared as protected areas.

South Africa hosted the Conference of Parties 17 (COP 17) in November and December 2011, an international event as important as the Kyoto Protocol. South Africa's hosting of the negotiations indicates its commitment to addressing this global challenge.

Competition Policy

The South African Competition Commission was set up in 1999 under the Competition Act of 1998. The Commission is tasked with investigating anti-competitive conduct. It also assesses the impact of mergers and acquisitions on competition and takes appropriate action; monitors competition levels and market transparency

in the economy; identifies impediments to competition; and plays an advocacy role in addressing these impediments. The Commission has prioritised its work in four sectors in order to maximize the benefits to consumers from its work. These sectors are food, agro-processing and forestry, infrastructure and construction, intermediate industrial products, and financial services. Major progress has been made as a result of the Commission's sustained focus on its priorities. The total amount of penalties confirmed or determined by the Competition Tribunal in 2009-10 was higher than in any previous year and close to R 500 million.

The 2011 *Global Competition Review*, which is primarily based on a survey of legal practitioners, recently awarded South Africa's Competition Commission the accolade of 'Agency of the Year in Asia-Pacific, Middle East & Africa'. The Commission was also short-listed in the category 'Enforcement Matter of the Year' for its innovative structured settlement with Pioneer Foods, which was concluded in November 2010. Separately, the 2010 WEF *Global Competitiveness Report* has ranked South Africa 40 out of 139 countries for goods market efficiency. The Competition Commission is committed to increasing its enforcement capacity, particularly in the area of cartel investigations. To this end, the Commission has established a special investigative unit.

Industrial Policy

The South African government's broad development strategy aims to promote and accelerate economic growth along a path that generates sustainable, decent jobs in order to reduce poverty and extreme inequalities that characterize South African society and economy. The National Industrial Policy Framework (NIPF), adopted in 2007, is a central component of this strategy. The NIPF seeks to encourage value-added, labour-absorbing industrial production and diversify the economy away from its current over-reliance on traditional commodities and non-tradeable services, thereby stimulating employment growth. Broader-based industrialization will assist in enhancing the participation of historically disadvantaged people and marginalized regions in the mainstream of the industrial economy.

The implementation of industrial policy is set out in two Industrial Policy Action Plans (IPAP), namely, IPAP1 (2007/08) and IPAP2 (2010/11-2012/13). IPAP targets sectors of the economy with high potential for export growth, employment creation, and technological upgrading. In addition, IPAP2 outlines four major transversal interventions: industrial financing, competition policy, developmental trade policies, and public procurement.

Trade Policy

Tariffs are instruments of industrial policy and have implications for capital accumulation, technological change, productivity growth, and employment. South Africa has adopted a strategic approach to tariff reform that supports industrial and employment objectives. An evidence-based, case-by-case assessment will inform changes to tariff s. Tariffs on mature upstream input industries could be reduced or removed to lower the costs for downstream, labour-creating manufacturing. Tariffs on downstream industries with employment or value-addition potential could be retained or increased to ensure sustainability and job creation while observing international trade obligations in the WTO and other trade agreements.

Trade Strategy, including South-South Cooperation

South Africa's trade strategy aims to consolidate links with key economies in the North, and build industrial complementarities with dynamic growing economies in the South to support the NIPF's industrial development objectives and shift the structure of trade towards more diversified, value-added exports. Given the widespread poverty, unemployment, and a host of other development challenges, global integration must not undermine domestic production or exacerbate unemployment.

South Africa sees enormous opportunities for ongoing engagement with BRICS countries to structure new kinds of trade and investment agreements that foster complementarities and cooperation in the industrial, agricultural, and service sectors and that avoid destructive competition. Appropriately structured preferential trade agreements (PTAs), procurement arrangements, sectoral cooperative agreements, alongside targeted investment and export promotion activities, can shape strategic integration among the BRICS. Such arrangements can encourage value added, sophisticated production and trade that embody higher levels of technology, support industrial upgrading, and place each of the BRICS on a long-term, sustainable economic development path.

South Africa, together with its partners in the Southern African Customs Union (SACU), signed a PTA with Mercosur in 2009 and PTA negotiations with India are currently underway. In 2010, South Africa and China established a Comprehensive Strategic Partnership, which aims to promote value-added South African exports to China and increase inward investment by China in projects around mineral beneficiation. Working groups have also been established to resolve non-tariff barriers with Brazil and India, which are often significant barriers to higher levels of intra-South trade.

South Africa is a strong proponent of multilateralism as the inter-government response to managing globalization and the deepening interdependence of national economies. South Africa plays an active role in the WTO, both individually and collectively through its membership in key Southern coalitions: the Africa Group, G-20 and NAMA-11. South Africa will continue to press for a development outcome to the Doha Round to re-balance trade rules in favour of the development interests of developing countries. For South Africa, a development outcome is more important than an early conclusion of the trade round that does not deliver on the development mandate agreed on at Doha in 2001.

The emerging deal at the Doha Round is particularly harsh for South Africa. While South Africa stands to gain very little or no additional market access for its agricultural exports due to the flexibility granted to industrial countries, it will be required to make the deepest and widest industrial tariff cuts of all other WTO Members. This is the result of South Africa's peculiar tariff structure which is an outcome of the Uruguay Round, where it was required to undertake tariff reduction commitments as a developed country.

Regional Integration

Deeper regional integration in Africa and Southern Africa are vital for engaging more competitively with the world economy. South Africa's continental trade agenda is focused on supporting Africa's economic integration in line with the New Economic Programme for African Development (NEPAD), the African Union, and the Abuja Treaty to establish the African Economic Community. South Africa is committed to promoting 'developmental integration' in Southern Africa, which combines trade integration with infrastructure development and sectoral policy co-ordination. These interventions aim to build regional productive capacity and infrastructure, as experience has demonstrated that the

main barriers to increasing intra-regional trade are often not tariffs. In particular, South Africa is expanding the role of its development finance institutions (DFIs) in supporting regional infrastructure development across Southern Africa.

Consolidating regional economic integration among the Southern African Customs Union (SACU), the free trade area and integration agenda in the Southern African Development Community (SADC), East African Community and COMESA are vital in this respect.

Outward FDI and Internationalization of South African Companies

Several South African firms have expanded internationally and become major players in the global economy. During 2008, eight South African companies were among the top 100 non-financial transnational corporations from the developing world, ranked by foreign assets. The list included: MTN Group Limited (telecommunications), Sasol Limited (chemicals), Sappi Limited (wood and paper products), Netcare Limited (other consumer services), Steinhoff International Holdings (other consumer goods), Gold Fields Limited (metal and metal products), Medi Clinic Corp. Limited (other consumer services), and Naspers Limited (other consumer services).

South Africa is the only African country whose private sector has a strong corporate profile and presence in the Chinese market, with investment valued at over US$ 600 million. Some South African firms have become market leaders in China, including SABMiller (breweries), Naspers (media), and Sasol (coal-to-liquid).

South African firms are among the main investors in Africa. According to UNCTAD, South Africa was the largest emerging market investor in Africa between 2006 and 2008, with US$ 2.6 billion in average annual FDI flows more directly invested than by China. The share of African host countries in the outward stock of South African FDI increased from less than 5 per cent before 2000 to 22 per cent in 2008, reaching almost US$ 11 billion.[1] Compared to Brazil, China and India, outward FDI from South Africa into Africa is more diversified, with a strong presence in six sectors: mining, retail, construction and manufacturing, financial services, telecommunications, and tourism and leisure.

International Investment Treaty Policy

The South African government adopted a new investment policy framework in July 2010. The policy aims to modernise and strengthen South Africa's investment regime by implementing a series of policy measures that will ensure South Africa remains open to foreign investment, and provides adequate security and protection to all investors, while preserving the sovereign right of the South African government to pursue development public policy objectives. The new framework also aims to empower the domestic adjudication of investment disputes.

A core concern is that foreign investors' claims against governments can bypass national courts and be brought directly to international arbitration. Experience shows that in international arbitration, matters of vital national public policy are subjected to a process where arbitrators tend to focus on narrow commercial interests over broader societal or development considerations. Core provisions of Bilateral Investment Treaties (BITs), such as 'expropriation' and 'standards of treatment', are often ill-defined. Expansive interpretations provide the grounds for foreign investors to challenge any policy deemed to undermine their investment interests. In this way, BITs have limited the government's right to regulate in the public interest.

1 UNCTAD (2010). World Investment Report: Investing in a Low-carbon Economy. UNCTAD: New York and Geneva.

4 MAJOR CHALLENGES

Introduction

In the past decade, the world has experienced significant transformations in geopolitical and economic terms, as also in the organization and distribution of production. For several reasons, countries such as Brazil, Russia, India, China, and South Africa (BRICS) have acquired a key role in the world economy as producers of goods and services, receivers and exporters of capital, and/or as consumer markets with large potential. Given their large population (more than 40 per cent of world population), resurgent middle class and huge share of land (nearly 30 per cent of global share) and natural resources, the BRICS form a significant part of the world economy. Further, the recent recovery of BRICS economies from the global economic crisis points towards their robust macroeconomic fundamentals and the nature of the recovery shows the growing significance of the BRICS in the new global order.

Important features of BRICS economies include their large geographical dimensions and the size of the population that represents an enormous potential consumer market, complemented by access to regional markets. The number of people at the middle income threshold in BRICS is expected to grow several times during the next decade. It is widely perceived that all the BRICS markets have great potential for establishing the most stabilizing of forces, that is, a prosperous middle class. This middle-income group in each country is growing at varying rates but the future direction is clear: the middle class will both broaden and deepen, providing a solid base for the growth and development of these economies. Income inequality in Brazil and Russia is reducing rapidly and thus leading to a growing and vibrant middle class and the total percentage of South Africans in the middle class is projected to increase at a rapid pace. Russia, India, and Brazil are relatively more domestic demand-driven economies while China's manufacturing success has boosted urban household spending.

All five countries are abundant in terms of workforce availability. This is significant in the present context, where, with a few exceptions, most of the Western world has a declining population and a dwindling workforce. In some advanced countries, rapidly ageing societies and longer life-expectancies pose challenges in terms of the availability of work force while BRICS countries, particularly China, India, and Brazil, could gain from such opportunities.

Brazil

Brazil's agricultural research has transformed the country into a major exporter; the use of bio-fuel for road and urban transport, and the emergence of Embraer as a high-technology aircraft manufacturer are major achievements. In the social sphere, Conditional Cash Transfers that target poverty and the success of the anti-AIDS policy provide useful lessons. The divergent challenges provide scope for cooperation and coordination in various socio-economic areas. For instance, in Brazil, macroeconomic stabilization is a key precondition for successful reforms and sustainable growth. The major challenges the Brazilian economy faces are (i) its tradeable goods sector is rather small in comparison to other EMEs like China; (ii) the saving and investment rates have to catch up with other BRICS economies like China and India; (iii) improvements are required in public sector management; (iv) the depth of the financial sector has to be further enhanced; and (v) long-term financing structure for the private sector needs to be improved.

Russia

Russia's major achievements include reforms during 1999-2009 that promoted economic growth, lowered inflation, and led to a dramatic

fall in the number of people living below the poverty line. Specific achievements include setting up of the Oil Stabilisation Fund that proved useful during the crisis. Apart from its vast natural resources, Russia has vital capability in high-technology sectors, both 'traditional', where it already possesses some competitive edge (in nuclear and space technology and high-level programming), and 'new' (in nano- and bio-technology). Russia has made significant advances in building technological know-how in science and high-technology for defence and spacecraft. However, accelerating the implementation of structural reforms, particularly in efficient and undercapitalized natural monopolies, and strengthening the investment climate remain key challenges.

India

India's private entrepreneurship, which has been instrumental in the 8-9 per cent annual growth of the economy in recent years, can provide valuable lessons. Private initiative has been responsible for the excellence achieved in the information technology sector and the innovative streak that has led to improvisation and production of low-cost goods for the mass Indian market. For India, the major challenges are (i) diversifying its growth towards manufacturing while maintaining its service-led growth model, (ii) making the growth process more inclusive, (iii) improving physical infrastructure, (iv) developing the agriculture sector, and (v) delivering essential public services such as education and health to large parts of the population.

China

The best practices and institutions for China are those that have facilitated a smooth transition to a robust economy that is economically wide open to the outside world. FDI and infrastructure fi nancing, *inter alia*, have been playing an important role in promoting economic growth. The cities/regions have been successful in attracting foreign investment by providing improved infrastructure and regulatory environment. China has experience in financial macro-management. The reform and development of China's banking industry and ffinancial market is an important driver of rapid and sustainable growth.

The policy challenges for China are to sustain rapid and stable economic growth which is driven by exports and domestic demand in a more balanced way. To facilitate restructuring of the economy, financial sector reforms are needed to improve the intermediation of China's large private savings. The government also needs to raise social spending in the areas of education, healthcare, and pensions, which will serve to reduce precautionary saving and boost consumption over time. There is also a need to improve the investment structure, advance reforms in healthcare, pension, and education systems, and provide more support to rural areas and less-developed regions.

South Africa

South Africa's major strength lies in its record of responsible macroeconomic management, together with strong institutions, a deep and liquid local bond market, and a sophisticated and well-regulated banking sector. South Africa's rich endowment of natural resources places it in a good position to benefit from high commodity prices and increased investment in resources. With the most developed industrial and financial capabilities on the African continent, South Africa role in the integration of policies, markets, finance, and infrastructure is vital to Africa's economic development and realization of the continent's potential as a growth pole in the global economy. Outwardly oriented South African companies are among the largest sources of FDI in Africa and

the country's development fi nancing institutions are playing an increasing role in the funding of regional infrastructure investment.

The key challenge for South Africa is to achieve higher levels of inclusive growth that raise employment and reduce inequality. Low domestic savings, currency volatility, inadequate investment in productive sectors of the economy, skills shortages, and inefficient government services delivery are some of the other challenges. Policies proposed in the New Growth Path constitute the key means to address these challenges through a development state that places employment at the centre of the fight against inequality. Within a prudently managed macroeconomic framework, the government is prioritizing policy measures focused on the expansion of infrastructure networks, skill development, interventions to raise youth employment, industrial policy that promotes higher-value added exports, the development of rural economies, small enterprise promotion, green economy initiatives, and regional integration.

Challenges to the BRICS as a Group

In the years to come, it is expected that the BRICS will become large global suppliers of manufactured goods and services as well as major suppliers and consumers of commodities. Thus, the BRICS have the potential to evolve into a powerful economic bloc. In recent years, the BRICS have been taking advantage of their abundant population and resources and, on the whole, achieving steady economic growth. However, the trends in GDP indicate that the individual countries have different paces and levels of economic growth. China has been maintaining its long-term high economic growth trajectory, while India and Russia have been moving towards sustained high growth. In contrast, Brazil and South Africa have shown sustainable but lower economic growth rates since the early 2000s, but have been making rapid strides along the path from crisis to stability and growth. For South Africa, the major challenges are the development of the socio-economic infrastructure and furthering the reforms process.

Despite the resilience to the recent global crisis, there is a source of potential downward pressure on growth in the BRICS because of weak growth and the spillover effects of policy responses in advanced economies.

While the infrastructure requirements of the BRICS economies are huge, public-private participation can help relax this constraint, provided that the institutional mechanism is sound enough for their optimal combination. In this context, strategic cross-sector reforms, resulting in improved policy as well as legal and institutional frameworks for greater private sector participation, anchored in good governance norms are required.

A common challenge that the BRICS economies face is the need for institutional development without which sustainable growth cannot be ensured. Institutional development is still a long way off in most of these countries. At present, international investors may be bullish about the future potential of the BRICS economies as reflected in AT Kearney's FDI Confidence Index and Global Retail Development Index, the remaining challenges should not be overlooked. Similarly, the credibility of the policy of reforms is crucial for the BRICS economies to make their growth processes more durable and development-oriented.

In the BRICS countries, policy changes are needed to address both domestic and external challenges. China needs to take it as its priority tasks to transform the economic development pattern, expand domestic demand, and improve people's well-being in advancing economic and social development. In case of Brazil, Russia, and

South Africa, their current reliance on exports of natural resources such as oil and other primary commodities needs diversification. Measures including industrial policy are required to improve the competitiveness of manufactures in order to make economic growth less vulnerable to adverse movements in commodity prices.

An important distinctive aspect among the BRICS economies lies in their respective levels of social and infrastructure development. Brazil, India, and South Africa are still to catch up with the level of infrastructure and human capital achieved by Russia and China. At the same time, growing inequality remains a problem in some BRICS countries. Such factors may lead to divergence in the speed with which the BRICS economies catch up.

In the next decade, the manner in which challenges such as high fiscal deficits in the post-crisis period, high global uncertainty leading to weak demand for exports, trade protectionism in the wake of the global financial crisis, intolerably high unemployment levels, poverty, and inadequate public health and education facilities are met would be crucial in determining the development trajectory of the BRICS economies.

Environmental degradation and climate change are grave threats for sustaining high levels of growth in the BRICS economies. The BRICS countries could collaborate in the above areas, complement and learn from each other, optimize each other's science and technology resources, and jointly address challenges in these areas.

The weight of the BRICS in investment portfolios could rise sharply. The volatility in capital inflows could pose threats to financial stability and the balance of payments.

Going forward, fiscal policy after the global financial crisis warrants a balance between supporting the recovery through sustained infrastructure investment and ensuring fiscal sustainability. The monetary policy stance has been appropriate and has to take into account the evolving global and domestic situation. More pressing are policies to engender higher economic growth. The various government initiatives to enhance the competitiveness of selected industries can be usefully complemented by reforms to improve the effectiveness and efficiency of labour and product markets.

In a post-global crisis world largely shaped by financial instability and weak growth in major economies, the BRICS countries have a remarkable opportunity to coordinate their economic policies and diplomatic strategies not only to enhance their position as a grouping in the international economic and financial system, but also to be a stabilization factor for the world economy as a whole. The BRICS should increasingly harmonize and coordinate their policies with a view to sustaining their growth momentum and capacity to weather global turbulence. The benefit of cooperation is immense not only for the BRICS but also for the global economy. A strategic agenda for forging closer links among the BRICS, as outlined in this joint report, may contribute to consolidating and expanding their roles in global affairs.

5 BRICS COOPERATION

In the BRICS economies, there exists huge opportunities to extend economic growth and development to the next level. In this regard, there is a possibility to increase cooperation among the BRICS to gain competitive advantages. This chapter looks at areas where greater cooperation among the BRICS economies could be explored. It is important to note that all the proposals laid out in this chapter might contribute to promote synergetic relationships among the BRICS economies, but their political and technical feasibility is yet to be determined while their implementation may require further deliberations. The areas of cooperation listed

below should be seen as exploratory items to be included in further discussions and the agendas of future meetings between BRICS policymakers. The focus areas suggested are as follows:

(i) Intra-BRICS Trade and Investment Cooperation
(ii) Cooperation in Infrastructure Financing
(iii) Industrial Development and Cooperation
(iv) Cooperation in Transportation
(v) Cooperation in Food Security
(vi) Cooperation in Technical Education
(vii) Cooperation in Financial Market Development
(viii) Cooperation in Research and Development
(ix) Cooperation in Area of Culture and Tourism
(x) Cooperation in International Issues
(xi) Cooperation in Energy Security
(xii) Cooperation to Build Effective Institutions
(xiii) International Development Bank for Fostering South-South Investment

(i) Intra-BRICS Trade and Investment Cooperation

There is scope for considerable increase in intra-BRICS trade, leading to a rise in income and employment. To build trade and investment relations, BRICS countries should work together to identify niche areas, sectors, and markets that offer potential for trade and investment expansion to bolster productive sectors for mutual benefit, avoiding destructive competition.

The BRICS banking sector could play an important role in promoting trade and investment through innovative trade fi nancing facilities, export credit arrangements, and countercyclical measures which ensure that trade finance does not get affected during business downturns, as was the case during the recent global crisis. This would require concerted action by the banking sector in BRICS countries with the BRICS central banks playing the anchor role in chalking out a strategy to strengthen cooperation in trade and investment.

One means of promoting intra-BRICS trade is through invoicing and settlement of trade in domestic currencies. Exports and imports are subject to currency risk, because international trade transactions are mostly invoiced in major international currencies. Currency risk factors impede the growth of international trade, as exporters/importers are concerned about the implications of exchange rate fluctuations, especially during times of high currency volatility. A way forward could be to explore the prospects of invoicing of trade in domestic currencies, with settlement of transactions in major international currency equivalents. This would help mitigate the negative impact of currency volatility on trade and help promote the international use of BRICS currencies. In this regard, it is worth mentioning that the BRICS Development Banks are working out means of promoting financial transactions in local currencies.

China has already made a pioneering effort in this direction by invoicing some of its bilateral trade in Renminbi and promoting an inter-bank and offshore bond market (Hong Kong-based) for Renminbi. This would create investment opportunities and liquidity in the market, encouraging wider use of the Renminbi for trade invoicing and settlement. As far as Brazil is concerned, the Local Currency Payment System in Local Currency (SML acronym in Portuguese) with Argentina began to operate in October 2008. It is a unique system designed by both Central Banks, which carefully reviewed various international experiences in the area of payment systems, especially those of early intra-regional trade in Europe. The Central Banks of Brazil and Argentina are responsible for implementation of this unique regional payments system. All individuals and companies are eligible to participate in the SML in transactions relating to trade in goods and services (such as freight and insurance), which are imports denominated either in Argentine pesos or exports in Brazilian Reals

(BRL). The Central Bank of Brazil has been conducting studies on the feasibility of similar arrangements with other trading countries.

(ii) Cooperation in Infrastructure Financing

Some BRICS economies suffer from a 'infrastructure deficit', especially in the areas of transport and energy. This deficit is a constraining factor in sustaining high growth rates in the long run. There is also scope to explore ways to enhance coherence among BRICS countries in promoting infrastructure development at the regional level.

To address the problem, there is scope for cooperation among BRICS in increasing the availability of infrastructure fi nancing. This could be through setting up BRICS infrastructure funds to mobilize retail and institutional investors. Tax benefits could also be provided for investment in infrastructure bonds, as is being done in India.

While the infrastructure requirements in BRICS economies are huge, public-private participation can help relax this constraint, provided that the institutional mechanism is sound enough for their optimal combination. Private equity players could also be encouraged to invest in infrastructure projects. It is understood that many of the large global private equity funds have accumulated a huge cash corpus for lack of investment opportunities, especially due to the global crisis. Through favourable policies and tax incentives, some of this money could be encouraged to flow towards infrastructure sectors in BRICS economies.

Besides, attempts could be made to address the problem of excessive capital flows to emerging market economies by directing some of these flows to designated infrastructure sectors. The key to such a move is a policy framework with tax incentives that is carefully thought through. Brazil has already initiated steps to direct the flow of capital into long-term corporate bonds by providing tax incentives.

There are also many infrastructure companies operating in the BRICS economies, with specialized knowledge of project development in emerging economy environments. These may be encouraged to bid for road, railway, airport, and port projects in the BRICS, a measure that would help create a BRICS-wide infrastructure market.

(iii) Industrial Development and Cooperation

Sharing technology, expertise, and research in the industrial sector is another key area of cooperation among the BRICS. Exchanging experiences on policy measures that BRICS countries have undertaken to promote industrial development could be a valuable area of cooperation, including encouragement of industrial production networks amongst BRICS.

There are diverse areas where the BRICS could learn from the experiences of each other. In the first place, BRICS economies boast of some of the largest private sector conglomerates in the emerging market economies. Many of these have been active players in the international market through collaboration and acquisitions abroad. There is scope to learn from the experience of these countries to take the private sector forward in other BRICS and emerging economies. There is also scope for drawing valuable lessons from the experience of encouraging private entrepreneurship in some countries which have excelled in the high-technology sector. Pooling of expertise and collaboration in such areas could contribute to an improvement in skills and technologies, leading to higher growth of the BRICS economies.

(iv) Cooperation in Transportation

There is room for cooperation in building effective and efficient transport links among the BRICS via initiatives like the sharing of transport

technologies. Countries in BRICS could also learn and share experiences of developing mass rapid transport system.

(v) Cooperation in Food Security

There is scope for increased cooperation among the BRICS to promote food security by raising agricultural productivity and output; promoting investments in the food supply chain; and developing a social safety net through conditional income transfer programmes for the poorest.

More specifically, BRICS countries can strengthen food security cooperation via initiatives including the creation of basic agricultural information exchange system of BRICS countries; development of a general strategy for ensuring access to food for the most vulnerable section(s) of the population; undertaking measures to reduce the negative impact of climate change on food security, adapting agriculture to climate change; and enhancing agricultural technology cooperation and innovation as well as through promotion of trade and investment in agriculture.

BRICS economies are major producers, consumers, and exporters of agricultural, horticultural, and meat products. The necessary expertise and research capabilities are already available in BRICS economies to raise production through increasing yields and to extend cultivation to previously non-cultivable land. With its credibility well established, the Brazilian Agricultural Research Corporation (Embrapa) could play the anchor role in this respect. Arrangements to increase inter-agricultural trade among the BRICS could be mutually beneficial, given their complementarity in this area, and hence should be explored. The BRICS countries could also envisage ways to promote food security and food production in Third World countries with a focus on famine-affected areas.

(vi) Cooperation in Technical Education

BRICS economies have some of the best engineering, architectural, medical, scientific, and management institutes that cater to the specific requirements of emerging market economies. Their expertise lies in the fact that the faculty and students develop niche understanding of emerging economy requirements and business conditions. Cooperation among BRICS institutions through skill transfer and shared curriculum, and student and faculty exchange would help the quality of BRICS technical education move up the value chain. Some of the institutions could also be encouraged to set up campuses in other BRICS countries on a reciprocal basis, if local laws and regulations permit.

(vii) Cooperation in Financial Market Development

The financial markets in BRICS are at different stages of development. There is considerable scope for the BRICS to learn from each other by exchanging experts and country experiences.

A greater emphasis, however, has to be placed on a BRICS-wide corporate bond market, which still lacks depth and liquidity in some BRICS countries and has been the missing link in mobilizing resources for corporate investment.

Many emerging sovereigns and corporations have been issuing international bonds on a regular basis. To create a BRICS-wide market for sovereign and corporate bonds, international and domestic bonds by BRICS sovereign, and corporate issuers that target the BRICS investor base could be explored. This will help create a niche BRICS bond market and forge closer links among sovereign/ corporate borrowers and the investor community in the BRICS economies. It would also help widen and deepen the BRICS sovereign/corporate debt markets. The main advantage for the investor would be the diversification of the investor base and a greater choice of risk/return/maturity profiles. Key aspects like

size, deepness, liquidity, fair pricing, pricing disclosure, clearing structure, regulation, taxation, investors base, hedging possibilities, transparency, and money market structure would need to be studied in detail for the purpose.

It is difficult to identify similarities in each bond market specificically and to share usable experience in order to enhance market infrastructure. Starting with the sovereigns, local markets are far diverse from the common external market environment (either US-Dollar denominated or the Euro bond markets). These markets are tagged with mainstream securities standards that fulfil investor expectations in terms of market functioning and overall segmentation across different investor classes. Sovereign local markets, despite their size, may operate in disparate ways across nations. The corporate bond market is even more segmented.

Public debt managers of BRICS could meet to exchange information on best practices and recent initiatives undertaken in the field of public debt management.

(viii) Cooperation in Research and Development

BRICS countries can explore cooperation in the areas committed in the first BRICS Senior Official Meeting on Science, Technology and Innovation in 2011: exchanging of information on STI policies and programmes, promotion of technology transfer, new energy, renewable energy and energy efficiency, nanotechnology, basic research, medicine and biotechnology, as well as setting up of STI Working Group responsible for promoting and materializing cooperation.

In order to improve cooperation among BRICS countries, there is a need to conduct research studies at the inter-government level in potential areas of cooperation. These studies may be undertaken in existing research institutes by providing academic support. In this regard, the existing cooperation among BRICS think tank institutes could be emphasized, and the Sanya Action Plan suggestion could be implemented by 2012.

Creation of BRICS institutes in certain specific areas could be considered with the purpose of strengthening research in areas of collective interest. These institutes should not necessarily be set up from scratch. They could be formed by agreements of existing government-sponsored organizations as well as private and academic research centres that conduct research in areas of international trade, capital markets, and environment studies (either academic or funded by government think tanks) in each BRICS country.

(ix) Cooperation in the Area of Culture and Tourism

There is remarkable diversity in culture, language, history, economy, and institutions among the BRICS. To enhance knowledge and understanding of this diversity, cooperation could be extended to cultural exchange and tourism. In the area of tourism, joint initiatives by official tourism promotion agencies could be put in place to arouse interest in the private sector operators regarding the other BRICS countries. These initiatives could also include information and educational exchanges with official support, wherever required.

The BRICS Bibliographic Catalogue, which contains works in many different areas, such as history, literature, political science, and sociology of the BRICS countries, is an initiative which helps promote knowledge of each country, and, in this respect, the catalogue could be distributed in schools and universities located in the BRICS countries.

(x) Cooperation in International Issues

The global economy continues to face uncertainty. The eurozone debt crisis, high fiscal and sovereign debt levels, and weak aggregate

demand are affecting recovery prospects in the advanced economies, with attendant implications for EMEs.

These risks have created fresh challenges for the BRICS economies, especially given the key role that the BRICS are expected to play in the post-crisis 'new normal' of the world economy. The BRICS should endeavour, therefore, to strengthen macro-prudential policies and supervision and address some of the causes of the global weaknesses.

The BRICS could further cooperate among themselves in taking a coordinated position in several international organizations like the IMF, G-20, BIS, FSB, WTO, IOSCO, BCBS, etc. Given their size and role in the global economy, the coordinated approach could lead to better synchronization of policies and improved outcomes.

(xi) Cooperation in Energy Security

The BRICS economies need to work towards increasing energy security. This would include coordination in multilateral fora to achieve better supervision of long-term swap contracts to fix the price of future oil supplies, cooperation in oil exploration and refining, increasing natural gas supply through pipelines and setting up liquefied natural gas (LNG) terminals, raising the share of renewable energy in energy consumption, and encouraging conservation. Research and cooperation in renewable energy sources like solar, wind, tidal, biomass, and hydro-electric power would be important areas of cooperation and would go a long way in increasing energy security among the BRICS and other emerging economies. Lessons could also be drawn from the bio-fuel industry in Brazil especially in the motor transport sector.

(xii) Cooperation to Build Effective Institutions

If one compares BRICS economies with the most advanced ones in terms of governance indicators, there is still a wide gap in governance effectiveness. The BRICS countries need to improve their governance and related institutional frameworks. Improvements in corporate governance, accounting standards, and the regulatory framework are essential to align standards in BRICS economies with the best international practices. Institutional soundness would enhance the capacity of the government to effectively formulate and implement sound policies.

(xiii) International Development Bank for Fostering Investment among Emerging Markets and Developing Countries

In order to safeguard against the emerging risks and uncertainties and to meet the challenges of development, it is critical for the BRICS countries, in association with other relevant partners, to have an establishment like an international development bank for fostering investment among emerging markets and developing countries. The issue is particularly significant in the context where global economic prospects remain fragile, contributing to instabilities in the financial and investment flows across the economies amid varying risks and uncertainties, together with concerns on dangers arising from climatic and environmental changes. Such an institutional set-up may ensure a better allocation of hard-earned savings of developing and emerging economies, while rebalancing savings and investments within emerging and developing countries that would finance infrastructure and nurture higher growth in these economies. The proposal for the international development bank for fostering investment among emerging markets and developing countries could also mobilize resources to help achieve their development goals.

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Technical Team of BRICS Countries Associated with the Publication
Officers and Staff Associated with the Publication

* Not included here

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	Area of territory (1000 sq.km)	Capital city	Mid-year population (million persons)	Population density persons per sq. km.)	National currency
(1)	(2)	(3)	(4)	(5)	(6)
Brazil	8515	Brasillia	201	23.60	Real-R$
Russia	17098	Moscow	144	8.4	Rouble-Rub
India	3287	New Delhi	1211	382.0	Rupee-Rs.
China	9600	Beijing	1357	141.0	Renminbi-RMB
South Africa	1221	Pretoria	52	42.3	Rand=ZAR

Sources

Brazil

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Russia

a) Federal State Statistics Service of the Russian Federation.

b) Federal Service for State Registration, Cdastre and Cartography.

India

Ministry of Information & Broadcasting, *India 2014.*

China

a) China National Tourism Administration.

b) National Bureau of Statistics of the People's Republic of China, 2014 China Statistical Abstract.

South Africa

Statistics South Africa.

Footnotes:

Brazil

(1) Information about the mid-population and demographic indicators, were obtained by a projection of the population by sex and age groups by the component method.

India

(2) Based on Census 2011 as on 1st March.

South Africa

(3) based on 2011 Census.

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(continues)

	Year	Value
(1)	(2)	(3)
	Population	
Mid-year (millions persons)		
Brazil[1]	2013	201
Russia	2013	144
India [2]	2011	1 211
China [3]	2013	1357
South Africa	2011	52
Male (%)		
Brazil [1]	2013	49.4
Russia	2013	46.3
India [2]	2011	51.5
China [3]	2013	51.2
South Africa	2011	48.6
Female (%)		
Brazil [1]	2013	50.6
Russia	2013	53.7
India [2]	2011	48.5
China [3]	2013	48.8
South Africa	2011	51.4
Population density (persons per sq. km)		
Brazil (1)	2013	23.6
Russia	2013	8.4
India [2]	2011	382.0
China	2013	141.0
South Africa	2011	42.3
Crude birth rate (per 1 000 persons)		
Brazil [1]	2013	14.8
Russia	2013	13.2
India	2012	21.6
China	2013	12.1
South Africa	2011	21.6
Crude death rate (per 1 000 persons)		
Brazil [1]	2013	6.9
Russia	2013	13.0
India	2012	7.0
China	2013	7.2
South Africa	2011	11.3
Infant mortality rate (per 1 000 live births)		
Brazil [1]	2013	15.0
Russia	2013	8.2
India	2012	42.0
China	2012	10.3
South Africa	2011	45.1
Maternal mortality rate (per 100 000 live births)		
Brazil		
Russia	2013	11.5
India	2010-2012	178.0
China	2012	24.5
South Africa	-	-

(Contd.)

Table 1.2 - Economic and Social Indicators Comparison of BRICS Countries - 2009/2013

(continues)

	Year	Value
(1)	(2)	(3)
Economically Active Population		
Share (%)		
Brazil	2012	65.9
Russia	2013	52.7
India [4]	2012-2013	53.1
China [5]	2013	56.6
South Africa	2012	35.4
Unemployment rate (%)		
Brazil	2012	6.1
Russia	2013	5.5
India [4]	2012-2013	5.3
China [6]	2013	4.1
South Africa	2012	25.1
National Accounts		
GDP (current prices/billion US$)		
Brazil	2012	2246
Russia [7]	2013	2096
India [8]	2013	1726
China [9][10]	2013	9185
South Africa	2012	382
***Per capita* GDP (current prices/USS)**		
Brazil	2012	11171
Russia [7]	2013	14604
India [8]	2013	1418
China [9]	2013	6768
South Africa	2011	7810
People's Living Standards		
Share of public expend on education as % of GDP		
Brazil	2012	53
Russia	2013	4.3
India [8]	2012	3.3
China [11]	2012	4.3
South Africa	2011	6.8
Expend on health as % of GDP		
Brazil	2012	5
Russia [7]	2013	3.5
India [8]	2012	1.4
China [12]	2012	5.4
South Africa	2011	4
Industry		
Industrial production (preceding year = 100) (%)		
Brazil	2013	102.2
Russia [7]	2013	100.4
India [8]	2012	101.1
China	2013	109.7
South Africa	2012	102.0

(Contd.)

Table 1.2 - Economic and Social Indicators Comparison of BRICS Countries - 2009/2013

(continues)

	Year	Value
(1)	(2)	(3)
Iron ore production (million tons)		
Brazil	2011	468
Russia(concentrate of iron ore) [7]	2013	102
India [8]	2012	136
China	2013	1451
South Africa		
Steel production (million tons)		
Brazil	2011	50
Russia [7]	2013	69
India [8]	2012	78
China	2013	779
South Africa (million Rand)	2010	92180
Passenger cars production (1 000 sets)		
Brazil	2011	2850
Russia [7]	2013	1916
India [8]	2012	2669
China	2013	12104
South Africa (million ZAR)	2012	93049
TV sets production (1 000 sets)		
Brazil	2011	14177
Russia [7]	2013	14231
India [8]	2010	9206
China [13]	2013	127761
South Africa	-	-
Energy		
Petroleum Production (million tons)		
Brazil	2013	93
Russia [7]	2013	523
India [8]	2012	38
China	2013	209
South Africa	2007	26
Electricity Production (billion kWh)		
Brazil	2013	527
Russia [7]	2013	1051
India [8][14]	2012	1113
China	2013	5398
South Africa	2010	260
Primary energy production (mtoe)		
Brazil	2012	257
Russia [7][15]	2012	2740
India [7]	2011	448
China[16]	2013	2380
South Africa	2006	205

(Contd.)

Table 1.2 - Economic and Social Indicators Comparison of BRICS Countries - 2009/2013

(continues)

	Year	Value
(1)	(2)	(3)
Consumption of energy (mtoe)		
Brazil	2012	284
Russia [15]	2012	1893
India [8][14]	2011	1129
China[16]	2013	2625
South Africa	2006	210
Agriculture		
Cultivated land (million hectares)		
Brazil	2012	69
Russia	2012	121
India [17]	2010	156
China	2009	135
South Africa	-	-
Cereals production (million tons)		
Brazil	2012	75
Russia	2013	92
India [14][17]	2013	243
China	2013	553
South Africa	2011	13
Fruits and vegetables (million tons)		
Brazil	2012	43
Russia	2013	18
India [17]	2012	243
China	2013	986
South Africa	2011	10
Meat production (1000 tons)		
Brazil	2012	22349
Russia [7]	2013	8542
India [8]	2011	5514
China	2013	85350
South Africa	2011	2531
Fish catch (1000 tons)		
Brazil	2010	785
Russia	2009	3728
India [8]	2011	8666
China	2013	11730-
South Africa	-	
Length of railways in operation (1 BOO Ion)		
Brazil	2013	30
Russia [7]	2013	86
India [8]	2012	65
China	2012	98
South Africa	2010	21
Length of highways (1 000 km)		
Brazil	2013	1691
Russia	2013	987
India	2012	3202
China	2012	4238
South Africa	-	-

(Contd.)

Table 1.2 - Economic and Social Indicators Comparison of BRICS Countries - 2009/2013

(continues)

	Year	Value
(1)	(2)	(3)
Passenger traffic by air (million persons/km)		
Brazil	2013	116
Russia	2013	225157
India [8]	2012	99971
China	2013	565849
South Africa		
Gini Coefficient		
Brazil [18]	2012	0.500
Russia [19]	2012	0.420
India [17]		
Rural	2009-2010	0.280
Urban	2009-2010	0.370
China [20]	2013	0.473
South Africa [21]	2011	0.650

Sources

Brazil

a) Brazilian Institute of Geography and Statistics - IBGE, Directorate of Surveys.

b) National Petroleum Agency - ANP.

c) Energy Research Company - EPE.

d) Ministry of Fishery and Aquaculture - MPA.

e) Brazilian Institute of Environment and Renewable Natural Resources - IBAMA.

Russia

a) Federal State Statistic Service of the Russian Federation.

b) Federal Services of State Registration, Cadastre and Cartography.

c) Federal Agency for Air Transport.

d) Federal Road Agency.

China

a) National Bureau of Statistics of the People's Republic of China.

b) Ministry of Civil Affairs of the People's Republic of China, Annual Statistical Report 2013.

c) National Health and Family Planning Commission of the People's Republic of China, China Statistical Yearbook of Health and Family Planning 2013.

d) Ministry of Transport of the People's Republic of China, Annual Statistical Report 2013.

e) State Administration of Press, Publication, Radio, Film and Television of the Peoples' Republic of China, Annual Statistical Report 2012. t) National Bureau of Statistics of the People's Republic of China, Annual Industrial Statistical R

g) National Bureau of Statistics of the People's Republic of China, 2014 China Statistical Abstract.

h) National Bureau of Statistics of China, China Statistical Yearbook 2013.

i) Ministry of Land and Resources of the People's Republic of China.

j) Ministry of Human Resources and Social Security of the People's Republic of China.

k) Ministry of Environmental Protection of the People's Republic of China, Annual Statistical Report 2012.

I) Ministry of Water Resources of the People's Republic of China, Annual StatistiCal Report 2012.

m) Ministry of Education of the People's Republic of China, Annual Statistical Report 2011-2012.

n) China Railway Corporation, Annual Statistical Report 2013.

Table 2.1 - Summary of Population on BRICS Countries - 2000/2013

	Population (million persons)											
	2000	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Total (Mid-year)												
Brazil [1]	173.4	180.6	182.9	185.2	187.3	189.5	191.5	193.5	195.5	197.4	199.2	201.0
Russia [2]	146.9	145.0	144.3	143.8	143.2	142.9	142.7	142.7	142.8	142.9	143.1	143.3
India [3]	996.9	1062.0	1079.0	1096.0	1112.0	1129.0	1145.0	1161.0	1177.0	1193.0	1208.0	1224.0
China [4]	1262.6	1288.4	1296.1	1303.7	1311.0	1317.9	1324.7	1331.3	1337.7	1344.1	1350.7	1357.4
South Africa	44.4	46.0	47.0	47.6	48.3	48.9	49.6	50.2	50.9	51.6	-	-
Male												
Brazil [1]	86.2	89.6	90.7	91.8	92.8	93.8	94.8	95.8	96.7	97.6	98.5	99.3
Russia [2]	68.7	67.5	67.1	66.7	66.3	66.1	66.0	66.0	66.0	66.1	66.2	66.4
India [3]	516.0	550.0	558.0	567.0	576.0	584.0	592.0	601.0	609.0	617.0	625.0	634.0
China [4][5]	654.4	665.6	669.8	673.8	677.3	680.5	683.6	686.5	687.5	690.7	694.0	697.3
South Africa	21.0	22.0	23.0	23.0	23.0	23.0	24.0	24.0	24.0	25.0	-	-
Female												
Brazil [1]	87.3	91.0	92.2	93.4	94.5	95.6	96.7	97.8	98.8	99.8	100.8	101.7
Russia [2]	78.2	77.5	773.0	77.1	76.9	76.8	76.8	76.8	76.8	76.8	76.9	77.0
India [3]	481.0	513.0	521.0	529.0	537.0	545.0	552.0	560.0	568.0	575.0	583.0	590.0
China [4][6]	613.1	626.7	630.1	633.8	637.2	640.8	644.5	648.0	653.4	656.7	660.1	663.4
South Africa	23.0	24.0	24.0	24.0	25.0	25.0	25.0	26.0	26.0	26.0	-	-
Urban												
Brazil [6]	140.9	148.4	150.9	153.3	155.7	158.0	160.4	162.7	164.9	167.1	169.2	171.3
Russia [2]	107.4	106.3	106.0	105.2	104.8	104.7	104.9	104.9	105.1	105.4	105.7	106.1
India [3]	283.7	300.0	307.0	314.0	321.0	329.0	336.0	343.0	351.0	358.0	365.0	373.0
China [4][5]	459.1	523.8	542.8	562.1	582.9	606.3	624.0	645.1	669.8	690.8	711.8	731.1
South Africa [7]	-	-	-	-	-	-	-	-	-	-	-	-
Rural												
Brazil [6]	35.2	32.2	32.0	31.8	31.6	31.4	31.1	30.9	30.6	30.3	30.0	29.7
Russia [2]	39.5	38.6	38.3	38.6	38.4	38.1	37.9	37.8	37.8	37.4	37.3	37.2
India [3]	713.2	762.0	772.0	782.0	791.0	800.0	809.0	818.0	826.0	835.0	843.0	851.0
China [4][5]	808.4	768.5	757.1	745.4	731.6	715.0	704.0	689.4	671.1	656.6	642.2	629.6
South Africa [7]	-	-	-	-	-	-	-	-	-	-	-	-

Sources

Brazil

Brazilian Institute of Geography and Statistics- IBGE.

Russia

Federal State Statistics Service of the Russian Federation.

India

Ministry of Home Affairs, Office of the Registrar General of India, Reports of The Technical Committee on Population Projection 1996-2006.

China

National Bureau of Statistics of the People's Republic of China, *China Statistical Yearbook 2001-2013 and Statistical Communiqué of the People's Republic of China on the 2013 National Economic and Social Development.*

South Africa

Statistics South Africa.

Footnotes

Brazil

(1) Data derived from Population Projection by Sex and Age for the Period 2000-2060.

(6) Urban percentage estimated by linear interpolation for the intercensal period 2000-2010 and designed by the methodology of the United Nations from 2010.

Russia

(2) Data on the 1st of January.

India

(3) The information is as on 1st March and is based on population projection. See explanatory notes for Census 2011 figures.

China

(4) Data in 2000 and 2010 are estimated from the fifth and sixth National Population Census respectively. Data in 2005 are estimated from the National 1% Population Sample Survey .The other data are estimated from the annual national survey on population changes.

(5) Year-end population.

South Africa

(7) Population estimation series not active in 2000. Population figures cannot be verified. Population estimation series does not split population into rural/urban.

Table 2.2.1. Selected Data on Population - Brazil, Russia, India, China and South Africa

	Brazil 2000	Brazil 2011	Brazil 2013	Russia 2000	Russia 2011	Russia 2013	India 2000	India 2011	China 2000	China 2011	China 2013	Soth Africa 2000[1]	Soth Africa 2011
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Total (million persons)[1]				147	143	143.3[3]	997.0	1192.5					
Mid-year (million persons)[1]	173.4	197.4	201.0						1262.6	1344.1	1357.4	44.4	51.6
Year-end (million persons)[1]									1267.4	1347.4	1360.7		
Under 15 years	52.1	49.5	48.5	27	22	23	342.0	346.9	290.1	221.6	223.3	15.6	15.5
15 to 24 years	34.4	34.4	34.2	23.1	20.4	18.0	194.0	239.8				9.0	10.0
15 to 59 years[2]									846.4	940.7	935.0		
25 to 59 years	72.7	93.1	96.2	69.9	74.6	75.3	389.0	507.3				17.0	22.2
60 years and older	14.2	20.4	22.1	26.8	26.1	27.2	72.0	98.5	130.9	185.0	202.4	2.7	3.9
15 to 64 years[2]									889.1	1002.8	1005.8		
65 years and older[2]									88.2	122.9	131.6		
Sex ratio (female = 100)[1]	98.7	97.8	97.7	87.9	86.0	86.2	107.3	107.3	106.7	105.2	105.1	92.4	94.7
Under 15 years	103.6	104.2	104.3	104.4	105.0	105.2	110.4	111.0				101.4	100.8
15 to 24 years	102.4	102.6	102.7	102.7	103.4	104.0	109.7	110.0				92.1	101.3
25 to 59 years	97.4	97.4	97.4	94.0	91.1	91.8	105.8	106.0				88.6	94.5
60 years and older	81.1	79.1	79.2	53.1	52.4	53.1	94.6	96.0				71.4	62.3
Crude birth rate (per 1000 persons)	20.9	15.5	14.8	8.7	12.6	13.2	25.8	21.8	14.0	11.9	12.1		21.6
Death rate (per 1000 persons)	6.7	6.0	6.0	15.3	13.5	13.0	8.5	7.1	6.5	7.1	7.2		11.3
Natural increase rate (per 1000 persons)	14.2	9.5	8.8	-6.6	-0.9	0.2	17.3	14.7	7.6	4.8	4.9		10.3
Life expectancy at birth (years)[2]	69.8	74.2	74.8	65.3	69.8	70.7[3]	62.5		71.4				58.1
Total fertility rate (per woman)	2.4	1.8	1.8	1.2	1.6	1.7[3]	3.2	2.4					2.4
Infant mortality rate (per 1000 live births)	29.0	16.4	15.0	15.3	7.4	8.2	68.0	44.0	32.2	12.1			45.1
Crude marriage rate (per 1000 persons)	6.0	6.9	...	6.2	9.2	8.5			6.7	9.7		3.3	3.4
Crude divorce rate (per 1000 persons)	1.2	2.7	...	4.3	4.7	4.7			1.0	2.1		0.8	0.4
Maternal mortality ratio (per 100000 live births)[3]				39.7	16.2	...	327.0	178.0	53.0	26.1			
Rate of net migration (%)				0.3	0.2	...							
Dependency ratio (%)				0.6	0.5	0.5							

Brazil

Source: Brazilian Institute of Geography and Statistics - IBGE.

Footnotes: (1) Data on population and sex ratios were derived from Population Projection of Brazil by Sex and Age for the Period 2000-2060.

(2) Data derived from Civil Registration Statistics for the period 2000-2012.

(3) Data derived from Civil Registration Statistics for the period 2000-2012 Data divorces, records refer to procedures provided in the first instance without resources. From 2007, consensual divorces that were signed by the notary public deeds are included.

Russia
Source: Federal State Statistics Service of the Russian Federation.
Footnotes: (1) Data on the1st of January. Data for 2004-2010 revised according to the results of the 2010 Russia population census.
(2) For 2003-2010 indicators are calculated using population size adjusted with results of the 2010 Russia population census.
(3) Provisional data.

India
Source: Ministry of Home Affairs, Office of the Registrar General of India, *Reports of The Technical Committee on Population Projection1996-2006; Sample Registration System Statistical Reports and Bulletins on Maternal Mortality in India.*
Footnotes: (1) The information pertaining to population is as on1st march and is based on population projections incorporating the information of Census 2001 (except for 2000 which is based on the information from previous Census, i.e., 1991). Actual data for 2011 on the basis of Census 2011 has also been released by Ministry of Home Affairs, Office of the Registrar General of India.
(2) Information on Life Expectancy at Birth pertains to 1998-2002, 2002-2006, 2006-2010. Projected Life Expectancy for 2011-2015 is 67.3 years for male and 69.6 years for female.
(3) Information on Maternal Mortality Ratio pertains to the period 1997-2001, 2004-2006, 2007-2009 and 2010-2012.

China
Source: a) National Bureau of Statistics of the People's Republic of China, *China Statistical Yearbook2001-2013 and Statistical Communiqué of the People's Republic of China on the 2013 National Economic and Social Development.*
b) Ministry of Civil Affairs of the People's Republic of China, China Civil Affairs' Statistical Yearbook 2000-2013.
c) National Health and Family Planning Commission of the People's Republic of China, *Annual Statistical Report 2000-2013.*

Footnotes: (1) Data in 2000 and 2010 are estimated from the Fifth and Sixth National Population Census, respectively. Data in 2005 are estimated from the National 1% Population Sample Survey. The other data are estimated from the annual national sample survey on population changes.
(2) Breakdowns do not add up to totals for selected years due to rounding up or down of dimensions in the tolerance stack.

South Africa
Source: Statistics South Africa, Mid-Year Population Estimates 2013 and Vital Statistics 2012.

Footnotes: (1) Population estimation series not active in 2000. Population figures cannot be verified.
(2) Only registered marriages and divorces used in analysis.
(3) Data for civil unions starts from 2007.

Explanatory Notes

General Notes

Crude Birth rate: Number of Births per 1000 population in a given year. This definition excludes fetal deaths.
Crude Death Rate: Number of Deaths per 1000 population in a given year.
Natural Increase in Population = Crude Birth Rate - Crude Death Rate.
Total Fertility Rate (TFR): Average number of children that would be born to a woman if she experience the current fertility pattern throughout her reproductive span (15-49 year).
Expectation of live at birth: Average number of years' a new born child is expected to live undercurrent mortality conditions.
Infant Mortality Rate (IMR): Number of infants dying under one year of age in a year per 1000 live births of the same year.
Crude Divorce Rate refers to ratio of divorce couples to the annual average population for the reference year, the formula is:

$$\text{Crude divorce rate} = \frac{\text{Number of couples divorced for the reference year x 1000\%}}{\text{Annual Average population}}$$

Dependency rate - number of people aged 0-15 and 60 and over to the population 15-59.
Census: A canvass of a given area, resulting in an enumeration of the entire population and often the compilation of other demographic, social and economic information pertaining to that population at a specific time.

Brazil

Total Population (Mid-Year) - Information about the population in half of the year, was obtained by a projection of the population by sex and age groups by the component method. This method consists of working separately each component of population dynamics of the population; fertility, mortality and migration.
Sex ratio - expressed as the number of males for every 100 females. It is obtained from the ratio of the male and female populations by age group.
Crude Marriage Rate - The nuptiality rate is obtained by dividing the number of marriages of spouses 15 years of age or older by the population of this same age group multiplied by a thousand.
Crude Divorce Rate - The overall divorce rate is obtained by dividing the number of divorces by population aged 20 years or more multiplied by a thousand. Divorces granted without recourse or notary performed in people 20 years or older on the date of sentence and the population of the same age was considered. Total fertility rate - The total fertility rate expresses the number of children who, on average, would a woman belonging to a hypothetical cohort of women during their fertile life that had their children according to the fertility rates by age study period and were not exposed to the risk of mortality from birth to the end of the fertile period.
Crude Birth Rate of Population - Represents the frequency with which occur births in a given population. It is the ratio of live births occurring in a given year and the mid-year population, by 1000.
Crude death rate - Represents the frequency with which deaths occur in a given population. It is the ratio of the deaths in a given year and the mid-year population by 1000.
Natural Increase Rate of Population - The rate of natural increase is obtained by the difference between the crude birth rates and mortality, both divided by 10.
Life expectancy at birth - is the average number of years that a newborn would expect to live from the moment of birth.
Infant mortality rate - The infant mortality rate is defined as the number of deaths of infants under one year of age (per thousand live births) in a given geographical area and time period, and is interpreted as the estimated risk of a born live to die during their first year of life.
Total Population (Mid-Year) - Information about the population in half of the year, was obtained by a projection of the population by sex and age groups by the component method. This method consists of working separately each component of population dynamics of the population; fertility, mortality and migration.

Russia

The information on births, deaths, marriages and divorces is received on the basis of annual processing of data contained in the records of Civil Registrar Offices.

India

Maternal Mortality Ratio (MMR) Refers to the number of women who die as a result of complications of pregnancy or childbearing in a given year per 100,000 live births in that year. This is different from Maternal Mortality Rate which is defined as the number of maternal deaths to women in the ages 15-49 per lakh of women in that age group.

Census in India is conducted at interval of ten years and the last census was conducted in 2011. The population projection for intercensal period and that for the future is based on Component Method using data from Census and Sample Registration System with the latter providing time series data on fertility and mortality. Accordingly population from 2005-12 provided in the tables is based on projections using 2001 census information while that for 2000 is based on 1991 Census as per the Report of Technical Committees of 2006 and 1996 respectively. Census 2011 figures are also available and as per the same Population of India in 2011 was 1211 million. As per the Census 2011 the total population comprised of 378 Million Urban & 833 Million Rural Population and 625 Million Males & 586 Million Females).

Table 3.1 - Summary of Economically Active Population on BRICS Countries - 2000/2013

	2000	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Share of number of economically active population to national population (%)												
Brazil[1][2]	...	[3]67.8	68.6	69.3	69.0	68.6	68.6	68.6	...	66.2	65.9	...
Russia	49.5	49.9	50.6	51.2	52.0	52.7	53.0	53.0	52.8	53.0	52.9	52.7
India[4]	40.6	41.9	42.1	43.0	42.3		41.3		40.0		39.5	...
China[5][6]	56.9	57.1	57.1	57.1	57.0	57.0	56.9	56.8	56.8	56.7	56.6	[7]56.6
South Africa	36.8	34.9	34.3	35.8	36.6	36.2	36.9	35.8	34.8	34.9	35.4	...
Share of number of employed persons of the secondary industry to total employed persons (%)												
Brazil[1][2][8]	...	[3]14.5	14.8	15.0	14.9	15.3	15.3	14.8	...	13.5	14.0	...
Russia[9]	24.1	24.1	23.5	22.9	22.8	22.2	21.4	20.5	20.5	20.2	20.3	20.2
India[10]	12.6	16.9	18.1	18.1	18.8		18.7		21.5		24.3	...
China[6]	22.5	21.6	22.5	23.8	25.2	26.8	27.2	27.8	28.7	29.5	30.3	30.1
South Africa	20.6	21.3	22.5	22.6	22.6	23.0	23.4	22.9	22.1	21.9	21.0	...

Sources

Brazil

Brazilian Institute of Geography and Statistics - IBGE, *National Household Sample Survey 2001/2012.*

Russia

Federal State Statistics Service of the Russian Federation, *Sample Survey on Employment.*

India

Ministry of Statistics and Programme Implementation, *National Sample Survey Reports: Employment and Unemployment Situation in India* (various issues).

China

National Bureau of Statistics of the People's Republic of China, *China Statistical Yearbook 2001-2013 and Statistical Communiqui of the People's Republic of China on the 2013 National Economic and Social Development.*

South Africa

Statistics South Africa, *Mid-Year Population Estimates (Statistical Release P0302); Labour Force Survey (Statistical Release P0210); and Quarterly Labour Force Survey (Statistical Release P0211).*

Footnotes

Brazil

(1) Revised data, according the last population estimate.
(2) Population 15 years old and over.
(3) Excluding the rural population of the States of Rondtnia, Acre, Amazonas, Roraima, Para and Amapa in the year 2003.
(8) Industry activities: manufacturing, mining and quarrrying, electricity, gas and water supply.

Russia

(9) Mining and quarrying, manufacturing and electricity, gas and water supply, construction.

India

(4) The information is based on Sample Surveys conducted by National Sample Survey Office & pertains to the Survey Period July (Previous Year) to June (Year Indicated in the table)except for 2002 (July-December), 2003(January-December) &2004(January-June).
(10) The information in based on Usual Activity Status taking into account both Principal & Subsidiary activity. Secondary Industry includes Mining & Quarrying, Manufacturing, Construction, Electricity Gas & Water Supply.

China

(5) Share of number of employed persons to national population.
(6) The total number of employed persons since 2001 are revised according to the 6 th National Population Census.
(7) Preliminary data.

Table 3.2.1. Selected Data on Economically Active Population Brazil, Russia, India, China and South Africa

	Brazil 2001(1)	Brazil 2012	Russia 2000	Russia 2012	Russia 2013	India 2000	India 2012	China 2000	China 2012	China 2013	S. Africa 2000	S. Africa 2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Economically active population (million persons)	82.7	101.5	72.8	75.7	75.5	373.6	429.9	720.9	767.0	769.8	16.1	18.1
Employed population (million persons)[1]	75.0	95.3	65.1	71.5	71.4	365.4	420.5				12.3	13.5
Age (%)[1]												
15 to 24 years	23.0	17.7	12.2	9.0	9.2	75.8 (21.30)	67.8 (17.39)	15.9	12.0	11.4	12.9	9.4
25 to 59 years	70.7	75.1	82.8	86.4	86.1	255.5 (71.79)	316.7 (80.04)	77.8	79.1	79.3	84.4	88.2
60 years and older	6.3	7.2	5.0	4.6	4.7	24.6 (6.91)	32.9 (8.31)	6.4	8.9	9.3	2.8	
60 to64 years												2.4
Sector (million persons)[1]												
Agriculture, forestry and fishing	15.0	13.6	14.5	7.3	7.0	225.6 (61.66)	205.6 (48.88)	360.4	257.7	241.7	1.4	0.7
Industry[1][2]	11.0	13.4	24.1	20.3	20.2	2.1 (0.57)	2.3 (0.55)	162.2	232.4	231.7	0.1	0.1
Construction	5.3	8.3	5.1	7.4	7.6	39.1 (10.69)	53.0 (12.60)				0.7	1.0
Trade	12.7	16.9	12.3	16.1	16.1	1.1 (0.30)	2.2 (0.52)				2.9	3.0
Services[2]	30.8	43.0	37.7	45.0	45.1	15.8 (4.32)	44.6 (10.60)	198.2	276.9	296.4	2.1	3.0
Other[3]	0.2	0.1	6.3	3.9	4.1	35.8 (9.78)	46.1 (10.96)				5.2	5.7
Unemployed population (million persons)	7.7	6.2	7.7	4.1	4.1	12.9 (3.53)	20.3 (4.83)				3.7	4.5
Unemployed urban population (million persons)	7.4	5.8	5.8	2.6	2.6	33.5 (9.16)	46.5 (11.06)	6.0	9.2	9.3		
Unemployment rate (%)	9.4	6.1	10.6	5.5	5.5	2.2	2.2				23.3	25.1
Urban unemployment rate (%)	10.7	6.7	10.7	4.5	4.6	4.7	3.4	3.1	4.1	4.1		
Unemployment rate for population aged under 25 years (%)	17.9	14.6	20.7	14.8	13.8						45.0	51.5

Brazil
Source: Brazilian Institute of Geography and Statistics - IBGE, National Household Sample Survey 2001/2012 .
Footnotes: 1. Revised data, according the last population estimate.
2. Population 15 years old and older.
(1) Excluding the rural population of the States of Rondônia, Acre, Amazonas, Roraima, Pará and Amapá in the year 2001.
(2) Industry activities: manufacturing, mining and quarrrying, electricity, gas and water supply.

Russia
Source: Federal State Statistics Service of the Russian Federation, Sample Survey on employment.
Footnotes: 1) Including Energy
2) Including hotels and restaurant; transport and communication; financial activity; real estate, renting and business activities; public administration and defence, social security; education; health and social work; other community, social and personal service activities.
3) Including activities of households and activities of extraterritorial organisations.

India
Source: Ministry of Statistics Programme Implementation, *NSS Survey Report: Employment and Unemployment Situation in India* (various issues)
Footnotes: 1. The information is based on Sample Surveys conducted by National Sample Survey office and pertains to the Survey Period July (Previous year) to June (Year Indicated in the table)
2. The information is based on Usual Activity Status taking into account both Principal & Subsidiary activity.
(Figures in parentheses are percentages to Total Age and Sector)

China
Sources: a) National Bureau of Statistics of the People's Republic of China, *China Statistical Yearbook 2001-2013 and Statistical Communiqué of the People's Republic of China on the2013 National Economic and Social Development.*
b) Ministry of Human Resources and Social Security of the People's Republic of China.

Footnotes: (1) The total number of employed persons since 2001 are revised according to the 6th National Population Census.
(2) Including Energy and Construction.

South Africa
Source: Statistics South Africa, *Labour Force Survey (Statistical Release P0210) and Quarterly Labour Force Survey (Statistical Release P0211).*

Footnotes: (1) 2000 data are for the September wave only (not annual figures) since the March wave was a pilot.
(2) Including Energy.

Table 4.1 - Summary of National Accounts on BRICS Countries - 2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Gross domestic product (GDP) (current prices/billion US$)									
Brazil[1][2]	645	1089	1367	1653	1622	2142	2474	2247	2246
Russia[3]	260	990	1300	1661	1223	1525	1896	1990	2096
India	460	950	1241	1224	1367	1707	1873	1873	1871
China[4][5]	1198	2713	3496	4522	4991	5931	7325	8229	[6]9185
South Africa	133	261	285	274	285	363	402	382	...
Per capita GDP (current prices/US$)									
Brazil[1][2]	3716	5813	7213	8631	8380	10959	12533	11280	11171
Russia[3]	1772	6948	9145	11700	8616	10678	13261	13894	14604
India	451	847	1090	1061	1168	1439	1558	1539	1518
China[4]	949	2070	2653	3414	3749	4434	5450	6093	[6]6768
South Africa	3034	5381	5807	5484	5651	7114	7810	...	...
GDP growth rate (change from the preceding year) (%)									
Brazil[1][2]	4.3	4.0	6.1	5.2	-0.3	7.5	2.7	1.0	2.5
Russia[3]	10.0	8.2	8.5	5.2	-7.8	4.5	4.3	3.4	1.3
India[7]	7.8	16.6	15.9	15.7	15.2	18.7	15.8	11.9	12.3
China	8.4	12.7	14.2	9.6	9.2	10.4	9.3	7.7	[6]7.7
South Africa	4.2	5.6	5.5	3.6	-1.5	3.1	3.5	...	...
Share of primary industry to GDP (%)									
Brazil[1][2]	5.6	5.5	5.6	5.9	5.6	5.3	5.5	5.3	5.7
Russia[3]	...	4.6	4.4	4.4	4.6	3.8	4.4	4.0	4.0
India[8]	25.7	21.0	21.0	20.4	20.3	21.0	20.5	19.9	20.5
China	15.1	11.1	10.8	10.7	10.3	10.1	10.0	10.1	[6]10.0
South Africa	10.8	11.3	11.8	12.7	11.9	11.8	12.3	...	...
Share of secondary industry to GDP (%)									
Brazil[1][2]	27.7	28.8	27.8	27.9	26.8	28.1	27.5	26.0	25.0
Russia[3]	...	37.2	36.4	35.9	33.7	34.8	37.1	36.3	35.7
India[9]	23.8	26.1	26.3	25.7	25.2	24.3	24.6	23.8	22.6
China	45.9	47.9	47.3	47.4	46.2	46.7	46.6	45.3	[6]43.9
South Africa	24.2	22.7	22.5	22.6	22.0	20.6	19.4	...	...
Share of tertiary industry to GDP (%)									
Brazil[1][2]	66.7	65.8	66.6	66.2	67.5	66.6	67.0	68.7	69.3
Russia[3]	...	58.2	59.2	59.7	61.7	61.4	58.5	59.7	60.3
India[10]	50.5	52.9	52.7	53.9	54.5	54.6	54.9	56.3	57.0
China	39.0	40.9	41.9	41.8	43.4	43.2	43.4	44.6	[6]46.1
South Africa	64.9	66.0	65.7	64.7	66.1	67.6	68.3	...	...

Sources:

Brazil

Brazilian Institute of Geography and Statistics - IBGE, National Accounts System2000-2013.

Russia

Federal State Statistics Service of the Russian Federation.

India

Ministry of Statistics and Programme Implementation, Central Statistics Office, National Accounts Statistics2008-2013; Press Release of CSO on First Revised Estimates of National Income, Consumption Expenditure, Saving and Capital Formation2012-2013; and Advance Estimates of National Income and Expenditures on GDP2013-2014.

Foreign Exchange Rates have been taken from Reserve Bank of India (RBI)/FEDAI (Foreign Exchange Dealer's Association of India)

China

National Bureau of Statistics of the People's Republic of China.

South Africa
Statistics South Africa and South African Reserve Bank.

Footnotes
Brazil
The annual average exchange rates used are available in Tables13.2.1 and14.1.
(1) Data for2010,2011,2012 and2013 are derived from quarterly GDP results.
(2) Data of2010,2011,2012 and2013 are preliminary estimation.

Russia
(3) Data for2012 and2013 are preliminary.

India
All Information for India pertains to Financial Year i.e. April of Year mentioned in the table above to March of next year. Information for GDP and per capita GDP pertains to current market price. Annual avearge Dollar - Rs Exchange Rate for the Financial Year has been used in all calculations. Data for2000 relates to old base year1999-2000 Prices while that for2006 and onwards relates to new base year2004-05 Prices. Data for2013 is Advance Estimate whereas that for2012,11 &10 are first, second and third revised estimates respectively.
(7) GDP at Factor Cost, Current Prices has been used for calculating GDP Growth Rate.
(8) Primary Industry includes Agriculture, Forestry & Fishing and Mining & Quarrying. The share of GDP relates to factor cost at current prices.
(9) Secondary Industry includes Manufacturing, Electricity Gas & Water Supply and Construction. The share of GDP relates to factor cost at current prices.
(10) Tertiary Industry includes other industries of national economy. The share of GDP relates to factor cost at current prices.

China
(4) GDP and Per Capita GDP in US dollars are converted using the annual average exchange rates.
(5) Data of GDP are calculated at producers' prices.
(6) Preliminary data.

Table4.2.1 - Selected Data on National Accounts - Brazil -2006-2013

	2006	2007	2008	2009	2010[(1)]	2011[(1)]	2012[(1)]	2013[(1)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Gross domestic product (GDP) (current prices/billion R$)	2369	2661	3032	3239	3770	4143	4392	4845
Indices of GDP (preceding year =100) (%)	104.0	106.1	105.2	99.7	107.5	102.7	101.0	102.5
GDP deflator (preceding year =100) (%)	106.1	105.9	108.3	107.2	108.2	107.0	104.9	107.6
Growth rate of per capita GDP (%)	2.7	4.9	4.0	-1.4	6.5	1.7	0.1	1.6
Indices of gross fixed capital formation (preceding year =100) (%)	109.8	113.9	113.6	93.3	121.3	104.7	96.0	105.2
Components of GDP by production approach (current prices/billion R$)	2369	2661	3032	3239	3770	4143	4392	4845
Primary industry	112	127	153	157	171	193	198	235
Secondary industry	585	636	720	750	906	972	969	1027
Tertiary industry	1338	1524	1708	1887	2150	2366	2558	2849
Net taxes on products (billion R$)	335	373	452	445	543	612	667	734
Components of GDP by expenditure approach (current prices/billion R$)	2369	2661	3032	3239	3770	4143	4392	4845
Final consumption expenditures	1904	2133	2399	2667	3046	3356	3686	4098
Gross fixed capital formation	389	464	580	585	734	799	798	881
Inventory	7.7	23.6	47.6	-7.0	29.0	19.0	-28.5	-14.0
Net exports of goods and services	68.8	40.5	5.8	-5.0	-39.0	-30.0	-63.5	-120.3
Final consumption rate (%)	80.3	80.2	79.1	82.3	80.8	81.0	83.9	84.5
Gross capital formation rate (%)	16.8	18.3	20.7	17.8	20.2	19.7	17.5	18.0

Source: Brazilian Institute of Geography and Statistics - IBGE, national Accounts System2000-2013.
Footnotes:1. The Annual average exchange rates used is available in Tables14.2.1 and15.1.
(1) Data derived from quarterly GDP results. preliminary estimation.

Table 4.2.2. - Selected Data on National Accounts - Russia -2000-2013

	2000	2004	2006	2007	2008	2009	2010	2011	2012	2013[1]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Gross domestic product (GDP) (current prices/billion Rub)	7305.6	17027.2	26917.2	33247.5	41276.8	38807.2	46308.5	55644.0	61810.8	66689.1
Indices of GDP (preceding year =100) (%)	110.0	107.2	108.2	108.5	105.2	92.2	104.5	104.3	103.4	101.3
GDP deflator (preceding year =100) (%)	137.6	120.3	115.2	113.8	118.0	102.0	114.2	115.2	107.4	106.5
Growth rate of per capita GDP (preceding year =100) (%)[2]	110.5	107.6	108.5	108.7	105.3	92.2	104.5	104.2	103.3	101.1
Indices of gross fixed capital formation (preceding year =100) (%)	118.1	112.6	118.0	121.0	110.6	85.6	105.9	109.1	106.4	99.7
Components of GDP by production approach (billion Rub)										
Total(2)	...	14858.8	22977.3	28484.5	35182.7	33831.3	40040.1	47395.7	52620.2	66522.8
Primary industry	...	835.1	1039.4	1256.4	1549.3	1585.1	1548.5	2088.4	2085.7	2277.7
Secondary industry	...	5398.0	8554.4	10380.6	12707.9	11381.0	13892.4	17539.0	19147.8	24043.2
Tertiary industry	...	8625.7	13383.6	16847.5	20925.5	20865.3	24599.2	27768.3	31386.6	40201.9
Components of GDP by expenditure approach (billion Rub)										
Final consumption expenditures	4476.8	11477.9	17809.7	21968.6	27543.5	29269.6	32514.6	37529.4	42931.1	47734.8
Gross fixed capital formation	1232.0	3130.5	4980.6	6980.4	9200.8	8535.7	10014.3	11950.5	13603.7	14316.4
Inventory	133.7	428.4	718.2	1053.7	1325.3	-1190.9	458.3	2032.2	1626.4	1168.0
Net exports of goods and services	1463.1	2086.5	3425.9	2866.6	3812.6	2887.7	3739.7	4776.5	4565.0	3762.7
Final consumption rate (%)	61.3	67	66.1	66.8	65.9	74.1	69.6	66.8	68.3	71.2
Gross capital formation rate (%)	18.6	18.4	18.5	21.2	22.0	21.7	21.4	21.2	21.7	21.4

Source: Federal State Statistics Service of the russian Federation.
footnotes: (1) Provisional data. (2) Gross value added by economic activity at basic prices.

Table 4.2.3 - Selected Data on National Accounts - India - 2000-2014

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
GDP at market prices (current prices/Rs.10000000)	2102314.0	4294706.0	4987090.0	5630063.0	6477827.0	7784115.0	9009722.0	10113281.0	11320463.0
GDP at factor cost (current prices)	1925017.0	3953276.0	4582086.0	5303567.0	6108903.0	7248859.0	8391691.0	9388876.0	10539605.0
GNI at factor cost (current prices)	1902284.0	3920042.0	4561574.0	5270644.0	6070903.0	7167053.0	8314861.0	9272110.0	10411105.0
GDP at factor cost (constant prices)	1864300.0	3564364.0	3896636.0	4158676.0	4516071.0	4918533.0	5247530.0	5482111.0	5748564.0
Per capita GDP at factor cost (current prices/Rs.)	18891.2	35234.0	40264.0	45958.0	52213.0	61120.0	69814.0	77148.0	85479.0
Per capita GDP at market prices (current prices/Rs.)	20631.1	38277.2	43823.3	48787.4	55366.0	65633.3	74956.1	83100.1	91812.4
GDP at constant prices (preceding year =100) (%)	104.4	109.6	109.3	106.7	108.6	108.9	106.7	104.5	104.9
Growth rate of per capita GDP (factor cost, constant prices) (%)	2.2	8.0	7.8	5.2	7.1	7.4	5.3	3.2	3.5
Components of GDP (at factor cost) by production approach (current prices/Rs.10000000)									
Primary industry	495271.0	829771.0	961330.0	1083032.0	1242818.0	1524552.0	1721814.0	1867342.0	2157404.0
Secondary industry	458431.0	1033410.0	1205458.0	1360426.0	1536492.0	1763584.0	2061650.0	2238029.0	2378224.0
Tertiary industry	971315.0	2090095.0	2415298.0	2860109.0	3329593.0	3960723.0	4608227.0	5283505.0	6003978.0
Components of GDP by expenditure approach (current market price/Rs.10000000)									
Final consumption expenditure (1)	1604362.0	2920144.0	3353748.0	3864617.0	4478717.0	5250459.0	6167791.0	6961191.0	7841338.0
Gross capital formation	511788.0	1531433.0	1900762.0	1931380.0	2363132.0	2841457.0	3200633.0	3521399.0	-
Gross fixed capital formation	477818.0	1343774.0	1641673.0	1821099.0	2055772.0	2407069.0	2861062.0	3071543.0	3221566.0
Change in stocks (2)	15467.0	147101.0	201534.0	106791.0	179171.0	273509.0	170596.0	171184.0	188474.0
Final consumption rate (%)	76.3	68.0	67.2	68.6	69.1	67.5	68.5	68.8	69.3
Gross capital formation rate (%)	24.3	35.7	38.1	34.3	36.5	36.5	35.5	34.8	-
Net exports of goods and services (Rs.10000000)	-19397	-135663	-200202.0	-285275.0	-348359.0	-339989.0	-571621.0	-681623.0	-435075.0
Gross domestic savings (current prices/Rs.10000000)	499033.0	1485909.0	1836332.0	1802620.0	2182338.0	2621742.0	2824459.0	3043474.0	-
Population (10000000)	101.9	112.2	113.8	115.4	117.0	118.6	120.2	121.7	123.3
Exchange rate US$/Rs. average	45.7	45.2	40.2	46.0	47.4	45.6	48.1	54.0	60.5

Source: Ministry of Statistics and Programme Implementation, Central Statistics Office, National Accounts Statistics 2008-2013; Press Release of CSO on First Revised Estimates of National Income, Consumption Expenditure, Saving and Capital Formation 2012-2013; and Advance Estimates of National Income and Expenditures on GDP 2013-2014.

Footnotes 1. All Information pertains to Financial Year, i.e., April of Year mentioned in the table above to March of next year.

2. Data for 2000 relates to old base year 1999-2000 prices while that for 2006 and onwards relates to new base year 2004-05 prices.

3. Data for 2013 is advance estimate whereas that for 2012, 2011 and 2010 are first, second and third revised estimates respectively.

(1) Includes private and government final consumption expenditure.

(2) Does not include valuables.

Table 4.2.4 - Selected Data on National Accounts - China -2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
GDP (current Prices/billion RMB)	9921.5	21631.4	26581.0	31404.5	34090.3	40151.3	47310.4	51947.0	56884.5
GNI (current prices/billion US$)[(2)]	1183.8	2708.4	3503.7	4550.4	4982.0	5905.3	7254.6	8209.4	9141.2
Indices of GDP (constant prices/ preceding year = 100) (%)	108.4	112.7	114.2	109.6	109.2	110.4	109.3	107.7	107.7
Growth rate of per capita GDP (%)	7.6	12.0	13.6	9.1	8.7	9.9	8.8	7.1	7.1
Components of GDP by production approach (current prices/billion RMB) (3)									
Total	9921.5	21631.4	26581.0	31404.5	34090.3	40151.3	47310.4	51947.0	56884.5
Primary industry	1494.5	2404.0	2862.7	3370.2	3522.6	4053.4	4748.6	5237.4	5695.7
Secondary industry	4555.6	10372.0	12583.1	14900.3	15763.9	18738.3	22041.3	23516.2	24968.4
Industry	4003.4	9131.1	11053.5	13026.0	13524.0	16072.2	18847.0	19967.1	21068.9
Construction	552.2	1240.9	1529.6	1874.3	2239.9	2666.1	3194.3	3549.1	3899.5
Tertiary industry	3871.4	8855.5	11135.2	13134.0	14803.8	17359.6	20520.5	23193.4	26220.4
Transport, storage and post	616.1	1218.3	1460.1	1636.3	1672.7	1913.2	2243.3	2466.0	2728.3
Wholesale and retail trades	815.9	1653.1	2093.8	2618.2	2898.4	3574.6	4344.5	4939.4	5567.2
Hotels and catering services	214.6	479.3	554.8	661.6	711.8	806.8	917.3	1046.4	1149.4
Financial intermediation	408.7	809.9	1233.8	1486.3	1776.8	2098.1	2495.8	2872.3	3353.5
Real estate	414.9	1037.0	1381.0	1473.9	1865.5	2278.2	2678.4	2936.0	3329.5
Others	1401.2	3657.9	4411.8	5257.7	5878.6	6688.7	7841.2	8933.3	10092.5
Components of GDP by expenditure approach (current prices/billion RMB)									
Total	9874.9	22271.3	26659.9	31597.5	34877.5	40281.6	47261.9	52939.9	58667.3
Final consumption expenditure	6151.6	11310.4	13223.3	15342.2	16927.5	19411.5	23211.2	26199.4	29216.6
Gross fixed capital formation	3384.4	8795.4	10394.9	12808.4	15668.0	18361.5	21568.2	24175.7	26907.6
Change in inventories	99.8	500.0	699.5	1024.1	778.3	998.9	1266.2	1101.6	1128.1
Net exports of goods and services	239.0	1665.5	2342.3	2422.7	1503.7	1509.8	1216.3	1463.2	1415.1
Final consumption rate (%)	62.3	50.8	49.6	48.6	48.5	48.2	49.1	49.5	49.8
Capital formation rate (%)	35.3	41.7	41.6	43.8	47.2	48.1	48.3	47.7	47.8

Sources: National Bureau of Statistics of the People's Republic of China.

Footnotes: (1) Preliminary data.
(2) GNI in US dollars are converted using the annual average exchange rates.
(3) The components of GDP by production approach are calculated at producers' prices.

Table 4.2.5 - Selected Data on National Accounts - South Africa -2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
GDP (current prices/billion ZAR)	922.0	1767.0	2016.0	2256.0	2408.0	2674.0	2933.0	3139.0	[1]3385.0
Indices of GDP (year2005 =100) (%)[2]	82.9	105.6	111.5	115.5	113.7	117.3	121.5	124.5	...
GDP deflator (year2005 =100) (%)[2]	70.8	106.5	115.1	124.4	134.8	145.1	153.6	160.4	...
Growth rate of per capita GDP (%)	2.1	4.2	4.3	2.4	-2.7	1.5	...	...	...
Indices of gross fixed capital formation (year 2005 =100) (billion US$)	68.0	112.1	127.8	145.8	142.6	...	...	...	...
Components of GDP by production approach (billion ZAR)	922.0	1767	2016	2256.0	2408.0	2674.0	2933.0	3139.0	3385.0
Primary industry[3]	91.0	178.0	211.0	257.0	260.0	291.0	340.0	341.0	352.0
Secondary industry[4]	203.0	358.0	403.0	459.0	479.0	501.0	509.0	531.0	556.0
Secondary industry[4]	203.0	358.0	403.0	459.0	479.0	501.0	509.0	531.0	556.0
Tertiary industry[5]	544.0	1037.0	1178.0	1312.0	1441.0	1632.0	1786.0	1948.0	2122.0
Components of GDP by expenditures approach (billion ZAR)	922.0	1767.0	2016.0	2263.0	2398.0	2661.0	...	...	...
Final consumption expenditures	752.0	1464.0	1645.0	1827.0	1962.0	...	...	...	...
Gross fixed capital formation	138.0	324.0	406.0	525.0	532.0	...	...	...	...
Inventory	7.0	24.0	22.0	-12.0	-62.0	...	...	...	...
Net exports of goods and services	27.0	-43.0	-55.0	-69.0	-21.0	...	...	...	...
Final consumption rate (%)	81.5	82.8	81.6	80.3	81.9	...	...	...	...
Gross capital formation rate (%)	15.7	19.7	21.2	22.5	19.6	...	...	...	...

Source: Statistics South Africa and South African Reserve Bank.

Footnotes: (1) Data for 2013 is derived from quarterly GDP results.
(2) Base year 2005 = 100
(3) Primary industries = Agriculture, forestry and fishing and Mining and quarrying
(4) Secondary industries = Manufacturing; Electricity, gas and water and Construction
(5) Tertiary industries = Wholesale, retail and motor trade,catering and accommodation; Transport, storage and communication; Finance, real estate andbusiness services. General government and Personal services.

Explanatory Notes

General

National product by definition is a measure in monetary terms of the volume of all goods and services produced by an economy during a given period of time, accounted without duplication. The measure obviously has to be in value terms as the different units of production and different measures of services are not directly added. In the case of a closed economy the measure amounts to domestic product. (Gross Domestic Product)

Gross National Income (GNI)

The economy of India is not closed as there are transactions with rest of the world in the form of exports, imports, loans etc. This gives rise to the concept of national or domestic. Gross Domestic Product refers to production of all resident units within the borders of a country, which is not exactly same as the production of all productive activities of residents. Some of the productive activities of residents may take place abroad. Conversely, some production taking place within a country may be attributed to temporary and seasonal foreign labour.

GNI = GDP + compensation of employees and property income receivable from the rest of the world - compensation of employees and property income payable to the rest of the world

The household consumption expenditure referred to as private final consumption expenditure (PFCE) in National Accounts Statistics (NAS), consists of expenditure by households (including non-profit institutions) on non-durable consumer goods and services and all durable goods except land and buildings.

Government final consumption expenditure

Government final consumption expenditure comprises the compensation of employees and purchases of goods and services by the government including purchases abroad. Compensation of employees of general government consists of wages and salaries and social security contribution.

Primary Industry Agriculture, Forestry, Animal Husbandry and Fishery and Mining.

Secondary Industry Manufacturing, Electricity, gas and water and Construction.

Tertiary Industry The other industries of national economy.

Brazil

Expenditure measure of GDP The expenditure measure of gross domestic product (GDP) is derived as the sum of expenditure on final consumption plus gross capital formation plus exports less imports.

Gross fixed capital formation in a particular category of fixed asset consists of the value of producers' acquisitions of new and existing products of this type less the value of their disposals of fixed assets of the same type.

Gross fixed capital formation is measured by the total value of a producer's acquisitions, less disposals, of fixed assets during the accounting period plus certain specified expenditure on services that adds to the value of non-produced assets.

Gross capital formation shows the acquisition less disposal of produced assets for purposes of fixed capital formation, inventories or valuables.

Expenditures on goods and services are defined as the values of the amounts that buyers pay, or agree to pay, to sellers in exchange for goods or services that sellers provide to them or to other institutional units designated by the buyers.

Goods and services account The goods and services account shows the balance between the total goods and services supplied as resources to the economy as output and imports (including the value of taxes less subsidies on products not already included in the valuation of output) and the use of the same goods and services as

intermediate consumption, final consumption, capital formation and exports.

Final consumption expenditure is the amount of expenditure on consumption goods and services.

Household final consumption expenditure consists of the expenditure, including expenditure whose value must be estimated indirectly, incurred by resident households on individual consumption goods and services, including those sold at prices that are not economically significant and including consumption goods and services acquired abroad.

General government final consumption expenditure consists of expenditure, including expenditure whose value must be estimated indirectly, incurred by general government on both individual consumption goods and services and collective consumption services.

Final consumption expenditure of NPISHs consists of the expenditure, including expenditure whose value must be estimated indirectly, incurred by resident NPISHs on individual consumption goods and services and possibly on collective consumption services.

Inventories are produced assets that consist of goods and services, which came into existence in the current period or in an earlier period, and that are held for sale, use in production or other use at a later date.

Primary Industry: Agriculture, Forestry, Animal Husbandry and Fishery.

Secondary Industry: Mining, Manufacturing, Electricity, Gas and Water and Construction.

Tertiary Industry: The other industries of national economy.

Russia

Primary Industry: Agriculture, Forestry, Animal Husbandry and Fishery.

Secondary Industry: Mining, Manufacturing, Electricity, Gas and Water and Construction.

Tertiary Industry: The other industries of national economy.

Gross Domestic Product (GDP) at market prices is the final result of the production activity of all producer units within a country area. It may be estimated using three methods: production, use of incomes (or expenditure method) and GDP formation by income sources. GDP, measured by production method, is defined as a difference between total output of goods and services for the whole economy, on the one hand, and intermediate consumption, on the other, or otherwise as a sum of value added in the sectors of the economy. GDP, measured by the method of use of incomes, represents a sum of expenditures of all the institutional units - residents for final consumption, gross capital formation and net exports. GDP calculated on the basis of income sources reflects primary incomes accumulated in the process of production by all institutional units grouped by sectors of the economy.

Final consumption expenditures comprise final consumption expenditures of households, final consumption expenditures of public administration on individual goods and services and collective services, final consumption expenditures of non-profit institutions serving of households.

Gross Capital Formation indicates net acquisition by resident units of goods and services produced in the current period or imported, but not consumed in that period. Gross capital formation includes gross fixed capital formation, changes in inventories, as well as net acquisition of valuables.

Net Exports of Goods and Services are calculated as a difference between exports and imports and include trade turnover of Russia with foreign countries.

India

Central Statistics Office(CSO) in the Ministry of Statistics & PI compiles estimates of national accounts aggregates and publishes them in its annual publication called National Accounts Statistics. The estimates rae based on performance during the Financial year (April- March (next year)). CSO brings out Quick Estimates in January for the preceding year along with revision of estimates for a few earlier financial years using detailed and more comprehensive data. CSO also compiles Advance Estimates for the current financial year and releases

it two months before the close of the year. Various indices brought out by CSO include GDP, NDP, GNP, and NNP at factor cost and market prices, indirect taxes less subsidies, Consumption of Fixed Capital, Net National Disposable Income, Personal Disposable Income, Private Final Consumption Expenditure (PFCE) in the domestic market, Government Final Consumption Expenditure (GFCE), exports and imports, Gross Domestic Capital Formation, Net Domestic Capital Formation ,Savings etc.

The economy of India is not closed as there are transactions with rest of the world in the form of exports, imports, loans etc. This gives rise to the concept of national or domestic. Gross Domestic Product refers to production of all resident units within the borders of a country, which is not exactly same as the production of all productive activities of residents. Some of the productive activities of residents may take place abroad. Conversely, some production taking place within a country may be attributed to temporary and seasonal foreign labour.

GNI = GDP + compensation of employees and property income receivable from the rest of the world - compensation of employees and property income payable to the rest of the world

Final consumption Expenditure includes both Private Final Consumption Expenditure & Government Final Consumption Expenditure

Private Final Consumption Expenditure: The household consumption expenditure referred to as private final consumption expenditure (PFCE) in National Accounts Statistics (NAS), consists of expenditure by households (including non-profit institutions) on non-durable consumer goods and services and all durable goods except land and buildings.

Government final consumption expenditure Government final consumption expenditure comprises the compensation of employees and purchases of goods and services by the government including purchases abroad. Compensation of employees of general government consists of wages and salaries and social security contribution.

Final Consumption Rate is total Final Consumption expenditure expressed as percent of Gross Domestic Product at Market Prices (Current Prices)

Gross Capital Formation Rate is total Gross Capital Formation expressed as percent of Gross Domestic Product at Market Prices (Current Prices)

Following categorization has been used for industrywise GDP estimates in case of India:

Primary Industry Agriculture, Forestry, Animal Husbandry and Fishery and Mining & Quarrying.

Secondary Industry Manufacturing, Electricity, gas and water and Construction.

Tertiary Industry The other industries of national economy.

China

Gross Domestic Product (GDP) refers to the final products at market prices produced by all resident units in a country (or a region) during a certain period of time. In the practice of national accounting, GDP is calculated from three approaches, namely production approach, income approach and expenditure approach, which reflect GDP and its composition from different angles.

Per Capita GDP = GDP / annual average population.

Three Strata of Industry In China economic activities are categorized into the following three strata of industry: Primary industry refers to agriculture, forestry, animal husbandry and fishery and services in support of these industries. Secondary industry refers to mining and quarrying, manufacturing, production and supply of electricity, water and gas, and construction. Tertiary industry refers to all other economic activities not included in the primary or secondary industries.

Indices of GDP measure the change of GDP at constant prices. GDP at constant prices converts GDP based on the current price into a value based on the price of the base period. When adjusted for price changes, the values of two different periods can be compared to reflect changes of both products and production activities.

GDP by Expenditure Approach refers to the method of measuring the final results of production activities of

a country (region) during a given period from the perspective of final uses. It includes final consumption expenditure, gross capital formation and net export of goods and services. The formula for computation is: GDP by expenditure approach = final consumption expenditure + gross capital formation + net export of goods and services.

Final Consumption Expenditure refers to the total expenditure of resident units for purchases of goods and services from both the domestic economic territory and abroad to meet the needs of material, cultural and spiritual life. It does not include the expenditure of non-resident units on consumption in the economic territory of the country. The final consumption expenditure is broken down into household consumption expenditure and government consumption expenditure.

Gross Fixed Capital Formation refers to the value of acquisitions less those disposals of fixed assets during a given period. Fixed assets are the assets produced through production activities with unit value above a specified amount and which could be used for over one year. Natural assets are not included.

Gross fixed capital formation can be categorized into total tangible fixed capital formation and total intangible fixed capital formation. Total tangible fixed capital formation includes the value of the construction projects and installation projects completed and the equipment, apparatus and instruments purchased (less those disposed) as well as the value of land improved, the value of draught animals, breeding stock and animals for milk, for wool and for recreational purposes and the newly increased forest with economic value. Total intangible fixed capital formation includes the prospecting of minerals and the acquisition of computer software minus the disposal of them.

Changes in Inventories refer to the market value of the change in the physical volume of inventory of resident units during a given period, i.e. the difference between the values at the beginning and at the end of the period minus the gains due to the change in prices. The changes in inventories can have a positive or a negative value. A positive value indicates an increase in inventory while a negative value indicates a decrease in inventory. The inventory includes raw materials, fuels and reserve materials purchased by the production units as well as the inventory of finished products, semi-finished products and work-in-progress.

Net Export of Goods and Services refers to the exports of goods and services subtracting the imports of goods and services. Exports include the value of various goods and services sold or gratuitously transferred by resident units to non-resident units. Imports include the value of various goods and services purchased or gratuitously acquired resident units from non-resident units. Because the provision of services and the use of them happen simultaneously, the acquisition of services by resident units from abroad is usually treated as import while the acquisition of services by non-resident units in this country is usually treated as export. The exports and imports of goods are calculated at FOB.

Final Consumption Rate refers to final consumption expenditures as percentage of gross domestic product by expenditure approach.

Gross Capital Formation Rate refers to gross capital formation as percentage of gross domestic product by expenditure approach.

South Africa

Base year 2005=100

Primary industries = Agriculture, forestry and fishing and Mining and quarrying

Secondary industries = Manufacturing; Electricity, gas and water and Construction

Tertiary industries = Wholesale, retail and motor trade, catering and accommodation; Transport, storage and communication; Finance, real estate and business services. General government and Personal services.

Table 5.1 - Summary of Consumer Price Index from the Previous Year on BRICS Countries - 2000/2013

	Consumer price indices (%)											
	2000	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Brazil	6.0	9.3	7.6	5.7	3.1	4.5	5.9	4.3	5.9	6.5	5.8	5.9
Russia	20.8	13.7	10.9	12.7	9.7	9.0	14.1	11.7	6.9	8.4	5.1	6.8
India (1)	4.0	3.7	3.6	4.3	6.0	6.5	8.4	10.6	12.1	9.1	8.9	11.1
China	0.4	1.2	3.9	1.8	1.5	4.8	5.9	-0.7	3.3	5.4	2.6	2.6
South Africa	5.3	5.8	1.4	3.4	4.7	7.1	11.5	7.1	4.3	5.0	5.6	5.7

Sources
Brazil: Brazilian Institute of Geography and Statistics - IBGE National Consumer Price Indices 2000-2013.
Russia: Federal State Statistics Service of the Russian Federation.
India: Ministry of Labour and Employment, Labour Bureau.
China: National Bureau of Statistics of the People's Republicof China.
South Africa: Statistics South Africa.
Footnotes: (1) The Consumer Prices pertain to Industrial Workers only and the information for 2000-2005 is based on base year 1982 whereas those for 2006 and after are based on base year 2001.

Table 5.2.1 - Selected Data on Price Indices - Brazil -2000/2013

(preceding year =100) (%)

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Consumer price indices (all items)	106.0	103.1	104.5	105.9	104.3	105.9	106.5	105.8	105.9
Food and beverages	103.2	101.2	110.8	111.1	103.2	110.4	107.2	109.9	108.5
Housing	104.5	103.1	101.8	105.1	105.7	105.0	106.8	106.8	103.4
Rent residential	97.7	103.2	104.5	106.9	106.6	107.4	111.0	109.0	112.0
Fuels (domestics)	102.9	107.3	100.5	103.3	113.0	102.1	102.6	105.2	106.6
Residential electricity	112.7	100.3	93.8	101.1	104.7	103.1	104.0	102.9	84.3
Household articles	105.2	97.3	97.5	102.0	103.0	103.5	100.0	100.8	107.1
Apparel	104.1	105.1	103.8	107.3	106.1	107.5	108.3	105.8	105.4
Transportation	112.1	103.0	102.1	102.3	102.4	102.4	106.1	100.5	103.3
Health and personal care	102.6	106.0	104.5	105.7	105.4	105.1	106.3	106.0	107.0
Personal expenditures	105.7	107.2	106.5	107.4	108.0	107.4	108.6	110.2	108.4
Education	104.8	106.3	104.2	104.6	106.1	106.2	108.1	107.8	107.9
Communication	112.9	99.8	100.7	101.8	101.1	100.9	101.5	100.8	101.5
Urban area	106.0	103.1	104.5	105.9	104.3	105.9	106.5	105.8	105.9

Source: Brazilian Institute of Geography and Statistics - IBGE National Consumer Price Indices 2000-2013.

Table 5.2.2 - Selected Data on Price Indices - Russia -2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Consumer price indices (all items)	120.8	109.7	109	114.1	111.7	106.9	108.4	105.1	106.8
Food stuffs[1]	117.5	109.3	109.0	119.0	111.6	106.9	110.3	104.4	107.7
Non-food goods	122.7	106.3	105.9	108.3	109.6	105.6	106.4	105.6	104.9
Services	131.8	115.3	113.5	114.6	114.5	108.3	108.6	105.4	108.1
Housing	133.8	120.1	113.0	113.9	114.6	108.3	109.5	104.7	106.9
Public utilities	137.4	119.8	115.3	116.6	122.3	116.0	113.1	104.7	111.5
Producer price indices									
Agricultural products	136.5	104.3	118.2	126.7	97.1	106.5	118.6	99.5	107.8
Industrial products[2]	147.1	112.4	112.2	121.7	95.7	114.9	117.3	106.8	103.4

Source: Federal State Statistics Service of the Russian Federation.
Footnotes
(1) Including alcoholic beverages and catering.
(2) Aggregated index by kinds of economic activity "Manufacturing", electricity, gas and water production and supply".

Table 5.2.3 - Selected Data on Price Indices - India -2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Consumer price index (industrial workers)[1]									
Food	101.8	107.0	109.8	111.2	113.4	112.4	107.4	109.3	113.9
Fuel and light	117.6	103.2	103.1	106.8	104.3	108.2	113.8	114.9	108.5
Housing	106.0	106.8	104.0	103.8	114.1	126.6	111.8	107.8	106.6
Clothing, bedding and footwear	104.3	103.7	103.5	103.4	104.1	105.6	113.5	109.9	107.7
Medical care	102.4	106.0	106.5	106.1	104.3	104.1	106.6	112.3	110.0
Education, recreation and amusement	107.4	102.5	103.3	105.5	106.7	103.5	101.4	98.7	104.1
Transport and communication	114.4	108.3	100.0	104.9	100.7	109.2	112.7	109.6	110.3
General index	104.0	106.0	106.5	108.4	110.6	112.1	109.1	108.9	111.1
Wholesale price indices, by commodity[2]									
All commodities	106.3	106.0	104.9	108.7	102.4	109.6	109.5	107.5	106.3
Primary articles	102.7	108.8	109.4	110.7	109.5	119.1	112.1	109.1	110.6
Electricity	115.9	102.5	101.6	100.2	100.3	105.1	101.5	110.6	119.5
Manufactured products	102.7	104.6	104.9	106.9	101.6	105.4	107.4	105.7	103.3

Sources: a) Ministry of Labour and Employment, Labour Bureau. b) Ministry of Commerce Industry, Office of the Economic Adviser.
Footnotes: (1) The Information for 2000-2005 is based on base year 1982 whereas those for 2006 and after are based onb base year 2001.
(2) Figire for the year 2000 relates to base year 1993-1994 and that for the year 2005-2006 and onwards relates to base year 2004-2005.

Table 5.2.4 - Selected Data on Price Indicies - China -2000/2013

	2000	2001	2006	2007	2008	2009	2010	2011	2012	2313
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Consumer price indices (all items)	100.4	100.7	101.5	104.8	105.9	99.3	103.3	105.4	102.6	102.6
Urban area	100.8	100.7	101.5	104.5	105.6	99.1	103.2	105.3	102.7	102.6
Rural area	99.9	100.8	101.5	105.4	106.5	99.7	103.6	105.8	102.5	102.8
Components[1]										
Food	...	100.0	102.3	112.3	114.3	100.7	107.2	111.8	104.8	104.7
Tobacco, liquor and articles	...	99.7	100.6	101.7	102.9	101.5	101.6	102.8	102.9	100.3
Clothing	...	98.1	99.4	99.4	98.5	98.0	99.0	102.1	103.1	102.3
Garments	...	97.6	99.0	99.4	98.3	97.8	99.1	102.4	103.3	102.4
Household facilities, articles and services	...	97.7	101.2	101.9	102.8	100.2	100.0	102.4	101.9	101.5
Health care and personal articles	...	100.0	101.1	102.1	102.9	101.2	103.2	103.4	102.0	101.3
Transportation and communication	...	99.0	99.9	99.1	99.1	97.6	99.6	100.5	99.9	99.6
Recreation, education, culture articles and services	...	106.6	99.5	99.0	99.3	99.3	100.6	100.4	100.5	101.8
Housing	...	101.2	104.6	104.5	105.5	96.4	104.5	105.3	102.1	102.8
Rent	...	108.6	102.7	104.2	103.5	101.6	104.9	105.3	102.7	104.1
Electricity	...	100.5	101.7	102.1	100.0	100.0	100.0	99.9	101.7	101.6
Gas	...	103.1	104.5	102.4	101.6	102.8	102.8	104.2	101.7	102.1
Producer price indices										
Components of supply										
Industrial products[2]	102.8	98.7	103.0	103.1	106.9	94.6	105.5	106.0	98.3	98.1
Agricultural products[3]	...	...	100.1	113.3	114.4	96.0	105.5	110.6	102.2	101.2
Stage of processing										
Raw materials[4]	105.1	99.8	106.0	104.4	110.5	92.1	109.6	109.1	98.2	98.0

Source: National Bureau of Statistics of the People's Republic of China.
Footnotes
(1) Data on components of CPI of 2000 are not available since the classification of CPI was revised in 2001.
(2) Producer price indices of industrial products refer to the prices of industrial products when then leave factories.
(3) Price indices for agricultural producets refer to that for food processing industry of agricultural products.
(4) Price indices for raw materials refer to the purchasing price indices for raw materials, fuels, and power.

Table 5.2.5 - Selected Data on Price Indicies - South Africa -2000/2013

	2000	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Consumer price indices (all items)[1]	49.6	61.4	63.4	66.4	71.1	79.3	84.6	88.2	92.6	97.8	103.4
Urban area	49.6	61.4	63.4	66.4	71.1	79.3	84.6	88.2	92.6	97.8	103.4
Rural area[2]	...	59.9	61.3	64.3	69.3	78.2	84.3	86.8	91.5	97.3	102.7
Component[1]											
Housing indices[3]	53.7	63.2	64.3	67.1	73.6	74.6	80.5	85.9	91.6	97.2	102.7
Food indices[4]	39.1	55.6	56.7	60.5	66.8	75.5	82.4	83.1	89.2	95.8	101.4
Electricity[5]	42.2	57	60	62.6	67.5	46.3	58.8	71.2	84.1	95.2	103.6
Gas and other fuels indices[6]											
Clothing indices	82.1	83.7	81.5	76.4	71	85.9	90.4	92.1	94.6	98.5	101.7
Rent indices	45.4	69.5	72.7	74	76.7	79.6	84.5	88.6	93.5	97.7	102.4
Producer price indices[7]											
Components of supply											
Domestic supply[8]	100.0	127.7	132.4	142.6	158.2	180.9	180.8	191.7	207.6	220.5	-
Agricultural products[8]	100.0	128.6	120.4	142.6	176.5	188.0	189.7	187.0	199.7	208.5	-
Final manufactured goods[9]	...	...	...	...	...	...	...	...	...	100.0	106.0
Agriculture[9]	...	...	...	...	...	...	...	...	...	100.0	102.3

Source: Statistics South Africa.

Footnotes

1. Break in series, all indices prior to 2008 not official indices. Linking factors unsed to calculate continuous time series. Linking factors: All items; Urban Area; Rural Area; Housing Indices; Food Indices; Electricity; Clothing Indices; Rent Indices.
(1) Base year = December 2012 = 100.
(2) All items headline measure from 2000 to 2008 based on primary areas, currently based on primary and secondary areas.
(3) Includes all housing, i.e., rental, owners equivalent rent, utilities and maintenance. Electricity excluded (2000-2007). Change in method of calculation in owner-occupied housing from 2008.
(4) Food only (does not include non-alcoholic beverages).
(5) Includes electricit
(6) Included under electricity and other fuels.
(7) Year 2000 = 100.
(8) Discontinued in December 2012.
(9) Intriduced in January 2013, history starts from january 2012. base year 2012 = 100.

Explanatory Notes

General

The retail price is defined as money cost to the consumer of a specified unit of sale which is inclusive of all rebates, discount etc.

Consumer Price Indices (CPI), the retail price indicates time fluctuations of prices on goods and services purchased by the consumers for non production consumption within a specified period of time. It measures a ratio of value of a fixed basket of main goods and services at the prices of the current period as related to its value at ht prices of the base period. CPI is calculated monthly on the basis of statistical data collected while observing price changes in retail trade and service establishments and also in commodity, mixed and food market and as well as on data of actual structure of consumer expenditures of households for the previous year.

Producer Price Indices: It represent bulk transaction generally at the early stage of trading. The price pertaining to bulk transactions may have divergent nomenclatures, e.g., farm harvest prices, wholesale prices, procurement prices, support prices, administered prices, import prices, forward prices, etc. Wholesale price index relates to the transactions at the primary stage which broadly correspond to producer prices.

Brazil

The Brazilian Institute of Geography and Statistics (IBGE) is the government organisation responsible for the computation of the Extended National Consumer Price Index (IPCA), which is the official and main inflation indicator of the country. IPCA is used by the Central Bank to monitor objectives set in the inflation goals system. The index is computed on a monthly

basis and refers to families inhabiting in urban localities, with monthly income, from any source, ranging from 1 (one) to 40 (forty) minimum wages. The geographical coverage of the index encompasses 9 metropolitan regions, Goibnia city and Brasmlia (Brazil's capital), which represents 37% of the Brazilian's urban population, according to the 2010 census.

Russia

Consumer Price Indices (CPI) indicates time fluctuations of prices on goods and services purchased by the consumers for non production consumption within a specified period of time. It measures a ratio of value of a fixed basket of main goods and services at the prices of the current period as related to its value at the prices of the base period. CPI is calculated monthly on the basis of statistical data collected while observing price changes in retail trade and service establishments and also in commodity, mixed and food market and as well as on data of actual structure of consumer expenditures of households for the previous year (before 2013 year), since 2013 year - for 2 previous years.

CPI is computed for the urban population and it is diffused for the whole population.

Producer Price Indices (PPI) for Industrial Goods are complied on the basis of recording prices for representative goods produced by 8 thousand basic (key) organisations covered by the survey. Average prices and price indices are calculated for more than 800 (since 2010 year-1000) representative goods. Producer prices are actual prices for produced goods provided for selling on the domestic market (except indirect taxes). PPI calculated for representative goods shall be gradually aggregated into indices of corresponding types, kinds, classes, divisions of economics activities. Data on the volume of production in value terms of the base period are being used as the weight factors.

India

Consumer Price Index Numbers for Industrial workers measure a change over time in prices of fixed basket of goods and services consumed by Industrial Workers. These index numbers are utilized for regulation of wages and dearness allowances of millions of employees and workers in the organised sector. It also serves as an indicator of retail prices in the country and is used for formulation of wages and interest policies The Labour Bureau, an attached office of the M/o Labour & Employment, has been compiling and disseminating Consumer Price Index for industrial worker since its inception in the year 1946.

This index series till 2005 was based on 1982=100. A new series on base: 2001=100 has been released w.e.f January, 2006 The data on Consumer Expenditure have been obtained from an ad-hoc survey "family Income and Expenditure Survey" conducted during September 1999 to August 2000 in respect of 78 selected centers by the NSSO on behalf of Labour Bureau. These 78 centre were selected on the basis of their industrial importance in the country and distributed among different states in proportion to the Industrial employment in the State subject to a maximum allotment of 5 centers per state per sector. On the basis of the results thrown up by the survey, the weighing diagrams have been derived in respect of 78 constituent's centers All-India. The indices are compiled by using price data collected on monthly basis and house rent survey data on half yearly basis. The CPI (IW), centrewise and at all India levels is released monthly with time lag of one month (on the last working day of the following month).

Index Number of Wholesale Prices in India is compiled by Office of Economic Adviser, Ministry of Commerce & Industry. The present series has 2004-05 as the base year and the data is released weekly. It is the most commonly used meausre of Inflation in India Item Basket and the weighting digram is based on Gross Value of Output as obtained from National Accounts Statistics 2007. Seasonal Items have also been included and when they disappear their weight is distributed over remaining items in the sub group on a pro rata basis. Unlike 1993-94 series, in the new seires, instead of Public Distribution System prices of Paddy and wheat their procurement prices have been included to correctly represent the first point of sale.

The existing series is based on ex-factory/ex-mine prices in respect of the manufactured items. In the case Agricultural commodities, however the prices as quoted in primary wholesale markets are used. The collection of price data is through correspondence & self filing of information. Varous units submit the prices electronically through online forms.

Index is compiled on the principle of weighted arithmetic mean according to the Laspeyre's formula, which has fixed base year weights operating through the entire life span of the series.

China

Consumer Price Indices reflect the trend and degree of changes in prices of consumer goods and services purchased by urban and rural households during a given period. They are obtained by combining consumer price indices of urban household and consumer price indices of rural household. The indices enable the observation and analysis of the degree of impact of the changes in the prices of retail goods and services on the actual living expenses of urban and rural residents.

Producer Price Indices for Industrial Products reflect the trend and degree of changes in general exfactory prices of all industrial goods during a given period, including sales of industrial goods by an industrial enterprise to all units outside the enterprise, as well as sales of consumer goods to residents. It can be used to analyze the impact of ex-factory prices on gross output value and value-added of the industrial sector.

South Africa

Break in series, all indices prior to 2008 not official indices. Linking factors used to calculate continuous time series. Linking factors: All items; Urban Area; Rural Area; Housing Indices; Food Indices; Electricity; Clothing Indices; Rent Indices.

Table 6.1. Summary of People's Living Standard on BRICS Countries - 2000/2013

	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Ownership of colour TV sets (per 100 persons)										
Brazil	...	...	...	...	...	...	...	...	...	...
Russia[1]	124	138	144	149	154	160	164	170	174	...
India[2]	31.6	...	44.2	...	...	...	...	47.2	...	61.4[3]
China[4]	...	...	...	...	...	...	...	...	...	38.0
Urban	37.3	45.5	46.6	47.4	45.7	46.9	47.7	47.1	47.6	...
Rural	11.6	20.6	22.1	23.4	24.7	27.4	28.3	29.6	30.1	...
South Africa	...	60.0	61.0	65.0	67.0	71.0	...	...	...	...
Ownership of cars (per-100 persons) Brazil[5]	8.8	8.0	7.9	7.4	6.9	...	...	...	...	...
Russia[6]	13	17	18	19	21	22	22.8	24.2	26	
India[7]	0.5	0.7	0.8	0.9	1	1.1	1.2	1.3	1.5	...
China[4]	...	...	...	...	...	...	...	...	...	5.52
Urban	0.2	1.1	1.5	2.1	3.0	3.8	4.5	6.5	7.5	...
Rural[8]	0.1	0.2	0.3	0.3	0.3	0.5	0.7	1.4	1.7	...
South Africa	...	...	...	16.8	16.9	17.1	17.5	...	...	...
Growth rate of average annual real wage (%) Brazil[9][10]	...	4.5	7.1	3.1	1.6	2.2	...	4.0	5.8	...
Russia	20.9	12.6	13.3	17.2	11.5	-3.5	5.2	2.8	8.4	5.3
India	...	...	...	...	...	...	...	...	...	...
China[11]	11.3	12.5	12.9	13.4	10.7	12.6	9.8	8.6	9.0	...
Share of public expenditure on health to GDP (%)										
Brazil	4.8	4.1	4.3	4.6	4.8	5.2	5.1	5.2	5.3	...
Russia[12]	2.9	3.7	3.8	4.0	4.0	4.6	4.1	4	4.1	(3)4.3
India[14]	3.2	2.6	2.7	2.6	2.9	3.0	3.1	3.3	(14)3.1	...
China[16]	2.9	2.8	3.0	3.2	3.3	3.6	3.7	3.9	4.3	...
South Africa	4.5	6.1	6.4	6.8	7.9	9.3	10.1			
Brazil	3.9	4.3	4.5	4.7	4.7	5.1	4.9	4.8	5.0	...
Russia[12][17]	2.1	3.7	3.6	4.2	3.7	4.3	3.7	3.5	3.7	(18)3.5
India[14]	...	1.2	1.2	1.3	1.3	1.4	1.3	1.3	(14)1.4	...
China[18]	4.62	4.68	4.55	4.35	4.63	5.15	4.98	5.15	5.4	...
South Africa										
Gini coefficient										
Brazil[19]	...	0.532	0.528	0.521	0.513	0.509	...	0.501	0.500	...
Russia[20]	0.395	0.409	0.415	0.422	0.421	0.421	0.421	0.417	0.420	...
India[21]										
Urban	0.342	0.348	...	...	...	...	0.371	...	...	...
Rural	0.260	0.266	...	...	...	...	0.276	...	...	...
China[22]	..	0.485	0.487	0.484	0.491	0.490	0.481	0.477	0.474	0.473
South Africa[23]	0.650	...	0.670	...	...	0.640	...	...	...	...

Sources Brazil

a) Brazilian Institute of Geography and Statistics - IBGE, *National Household Sample Survey 2001/2012.*
b) Ministry of Education, Anmsio Teixeira National Institute for Educational Research and Studies - INEP.
c) National Association of Automobile Manufacturers, *Brazilian Automotive Industry Yearbook 2010.*

Russia

a) Federal State Statistics Service of the Russian Federation.
b) Ministry of the Interior of the Russian Federation.

India

a) Telecom Regulatory Authority of India, Annual Report 2012-2013.
b) Ministry of Health & Family Welfare, National Family Health Survey 2007.
c) Ministry of Road Transport & Highways, Road Transport Year Book.
d) Ministry of Finance, Economic Survey.
e) Planning Commission of India.

China

a) National Bureau of Statistics of the People's Republic of China *Integrated Household Survey in Urban and Rural Areas of China 2013; Urban Household Survey in China 2000-2012; and Rural Household Survey in China 2000-2012.*
b) Ministry of Education of the People's Republic of China *Annual Statistical Report 2000-2013.*
c) National Health and Family Planning Commission of the People's Republic of China *Annual Statistical Report 2000-2013.*

South Africa

a) Statistics South Africa

Footnotes

Brazil: (5) The data for Brazil refer to vehicles per 100 persons.
(9) Revised data, according the last population estimate.
(10) Employed population 15 years and older with work income.
(19) Gini Index of Household Income.

Russia: (1) All type TV sets. Per 100 households. By data of sample household budget survey.
(6) Personal passenger cars.
(12) Estimates on the base of the data of the Federal Treasury. Since 2005 year including budgets of the state non-budget funds.
(13) Provisional data.
(17) Before 2011 year data include expenditures on physical culture and sport.
(20) Data on Gini Index are based on per capita income data.

India: (2) Figure for 2000, 2011(Census) & 2013(estimates) are as on March of the year & that for 2006 is based on National Family Health Survey 3, December 2005 to August 2006. All information is per 100 households
(3) Estimated data.
(7) Figures have been derived by dividing No. of registered vehicles as on 31st March of the year indicated in the table (Except for 2000 where the data is as on 31st March 2001) by mid year population.
(14) Information pertains to Financial Year, (i.e., April of Year indicated in the table to March next year) and it relates to Expenditure of general government, (i.e., Centre and State Combined)
(21) Gini coefficient of household consumption has been calculated on the basis of National Sample Survey Periods (i.e. July 1999-June 2000, July 2004-June 2005 & July 2009-June 2010) and is based on Mixed Recall Period.

China: (4) In the fourth quarter of 2012, the National Bureau of Statistics of the People's Republic of China conducted the integrated survey of urban and rural households, unifying the names, classification and statistical standards of urban and rural households. On its basis, we got the ownership data of resident in China, including the number of colour TV sets, cars and personal computers, etc.
(8) In rural household survey of China, cars refer to the automobiles for living use, including vans.
(11) Average annual wage of staff and workers refers to the average wage level in monetary terms per staff and worker during a year of time.
(16) Government appropriation for education to GDP.
(18) Total expenditure on health as percentage of GDP.
(22) Data of Gini Coefficient are based on per capita annual disposable income.

South Africa: (23) Gini is *per capita* expenditure excluding taxes.

Table 6.2.1 - Selected Data on People's Living Standard - Brazil -2000/2012

	2000	2004	2005	2006	2007	2008	2009	2010	2011	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Income and expenditure										
Household's per capita disposible income (R$)	4625	6655	7239	7906	...	...	...	...	...	...
Household's per capita living consumption expenditure (R$)	4337	6268	6899	7523	...	...	...	...	...	...
Household's per capita savings balance (R$)	361	563	529	603	...	...	...	...	...	...
Living quality										
Composition of household's										
Consumption expenditure (%)	.....	...	...	...	...	...	87.3	.....	...	...
Food expenditure as percentage of total consumption expenditure (%)							24.10			
Gini index of household income[(1)]	...	...0.535	...0.532	...0.528	...0.521	...0.513	.509	...	...0.501	...0.500
Illiteracy rate (%) [(1)(2)]	...	11.5	11.1	10.5	10.1	10.0	9.7	...	8.6	8.7
Scholarity level of the population (years)[(1)(2)]	...	6.8	7.0	7.1	7.3	7.4	7.5	...	7.7	7.9
Classification of dwellings by number of rooms (%)[(1)]	...	100.0	100.0	100.0	100.0	100.0	100.0	...	100.0	100.0
1 or 2 rooms	...	3.3	3.0	3.0	3.0	2.5	2.3	...	2.3	1.9
3 rooms	...	7.7	7.8	7.3	7.3	6.8	6.7	...	6.6	6.4
4 rooms	...	15.4	15.1	14.9	15.1	14.4	14.3	...	14.9	14.6
5 rooms	...	26.3	26.1	26.2	27.1	26.9	28.0	...	28.8	29.2
6 rooms	...	19.2	19.6	19.7	20.1	19.8	20.2	...	20.0	20.3
7 rooms	...	11.6	11.9	12.1	12.2	12.5	12.1	...	11.9	12.2
8 rooms or more	...	16.5	16.5	16.9	15.2	17.1	16.3	...	15.5	15.5
Classification of dwellings by number of bedrooms (%)[(1)]	...	100.0	100.0	100.0	100.0	100.0	100.0	...	100.0	100.0
1 bedroom	...	34.1	34.3	34.4	34.2	34.9	35.2	...	34.8	35.9
2 bedrooms	...	43.6	43.5	43.5	43.8	43.5	43.9	...	44.6	44.0
3 bedrooms	...	19.2	19.2	19.0	19.0	18.7	18.3	...	18.0	17.6
4 bedrooms or more	...	3.1	3.1	3.1	3.1	2.9	2.7	...	2.7	2.5
Average number of residents by dwelling (person)[(1)]	...	3.5	3.5	3.4	3.4	3.3	3.3	...	3.2	3.1
Average number of residents by bedroom (person)[(1)]	...	1.8	1.8	1.8	1.8	1.7	1.7	...	1.7	1.7
Classification of dwellings tenure (%)[(1)]	...	100.0	100.0	100.0	100.0	100.0	100.0	...	100.0	100.0
Owner occupied	...	73.7	73.5	73.4	74.0	74.4	73.6	...	74.8	74.8
Renter occupied	...	15.4	16.0	16.2	16.6	16.5	17.0	...	17.3	17.7
Granted free of rent	...	10.4	10.0	9.8	8.9	8.5	8.9	...	7.4	7.1
Other	...	0.5	0.5	0.6	0.5	0.6	0.5	...	0.5	0.4

(Contd.)

Table 6.2.1 - Selected Data on People's Living Standard - Brazil -2000/2012 (Concld.)

	2000	2004	2005	2006	2007	2008	2009	2010	2011	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Classification of dwellings by equipment (%)[1]										
Television	...	90.2	91.2	92.9	94.3	95.0	95.6	...	96.9	97.2
Radio	...	87.7	87.9	87.8	88.0	88.9	87.8	...	83.5	80.9
Computer	...	16.3	18.5	22.0	26.5	31.2	34.7	...	42.9	46.4
With Internet access	...	12.2	13.6	16.8	20.0	23.8	27.4	...	36.6	40.3
Refrigerator	...	87.3	87.8	89.0	90.6	92.0	93.3	...	95.8	96.7
Dwellings with piped water within at least one room (%)[1]	...	89.3	89.9	91.0	91.7	92.5	93.1	...	94.2	94.7
Dwellings whose fuel used for cooking is gas (%)[1]	...	90.3	90.2	91.0	91.9	92.7	93.1	...	94.7	94.9
Average number of proteins per capita per day (gram)[4]	...	...	...	...	...	...	48.7	...	...	...
Average number of calories per capita per day (kilo calories)[4]	...	...	...	...	...	...	1610.5	...	...	...
Average number of fats per capita per day (gram)[4]	...	...	...	...	...	...	51.4	...	...	...
Culture, education and health										
Household expenditure on education, culture and entertainment (%)	...	...	...	...	...	...	4.1	...	...	...
Enrolment by level of education (1000 persons)[3]	56115	59590	61044	61019	58302	59191	58696	58102	57902	57786
Pre-primary (ISC 0)	6012	6603	7298	7104	6574	6785	6810	6792	7003	7314
Primary (ISC 1)	21225	20533	20693	20079	19435	18979	18524	16893	17455	17056
Lower secondary (ISC 2)	16935	17124	16976	17306	16327	16648	16478	14255	15753	15386
Upper secondary (ISC 3)	9162	11055	11504	11453	10693	10821	10768	8359	10760	10788
First stage of tertiary education (ISC 5)	2694	4164	4453	5031	5223	5905	6057	6488	6857	7162
Advanced research programmes (ISC 6)	87	111	119	47	50	53	58	65	72	79
Hospital beds (per 1000 inhabitants)	2.9	...	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4

Sources: a) Brazilian Institute of Geography and Statistics - IBGE, *Household Budget Survey 2008-2009 ; National Household Sample Survey 2001/2012 ; Medical Health Assistance Survey*; and National Account System 2000-2010.
b) Ministry of Education, Anísio Teixeira National Institute for Education Research and Studies - INEP, Basic Education Census and Higher Education Census; and Coordination for the Improvement of Higher Education Personnel - CAPES.
c) Ministry of Health.

Footnotes
(1) Revised data, according the last population estimate.
(2) Persons 15 years old and over.
(3) For education:
a) Special education are included in their respective ISCEDs.
b) Youth and adult education are included in their respective ISCEDs.
c) Includes special education.
d) Includes youth and adult education.
e) Includes professional education programmes.
f) Includes teacher education in ISCED 3 vocational programmes.
g) Until 2005 master degree programmes are classified as ISCED 6, from 2006 master egree programmes are classified as ISCED 5A (second or further degrees).
(4) Average available in the household, from HBS 2008-2009.

Table 6.2.2 - Selected Data on People's Living Standard - Russia -2000/2012

	2000	2005	2006	2007	2008	2009	2010	2011	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Income and expenditure									
Household's per capita per month disposable income (Rub) [1]		...	...	...	...		...	...	...
Rural (Rub)	...	...	...	...	...	...	...	10705	...
Urban (Rub)	...	...	...	...	...	...	...	17786	...
Household's *per capita* per month living									
Consumption expenditure (Rub)	1157	4239	5083	6541	8217	8687	10122	11286	12624
Rural (Rub)	732	2420	2974	3819	4955	5326	6446	7292	8415
Urban (Rub)	1313	4905	5854	7533	9399	9905	11453	12680	14082
Living Quality									
Consumption expenditure (%) [2]									
Food products	...	33.2	31.6	28.4	29.1	30.5	29.6	29.5*f*	28.1
Alcoholic beverages and tobacco	...	2.7	2.7	2.4	2.3	2.4	2.4	2.5*f*	2.5
Apparel and footwear	...	10.7	10.9	10.4	10.4	10.4	10.8	10.1*f*	10.1
Housing and communal service, fuel	...	11.3	12.1	11.6	10.4	10.8	11.3	11.4*f*	10.9
Domestic articles, durables, housing support	...	7.2	7.3	7.3	7.5	7.0	6.2	6.5*f*	6.3
Health care	...	2.5	3.0	3.1	2.9	3.1	3.3	3.5*f*	3.4
Transport, communication	...	15.8	16.4	20.4	19.2	17.2	18.7	19.5*f*	20.8
Recreation and cultural arrangements	...	7.1	6.4	6.4	7.7	7.3	6.8	6.8*f*	6.9
Education	...	1.8	2.0	1.8	1.6	1.5	1.3	1.2*f*	1.3
Other goods and services	...	7.7	7.6	8.2	8.9	9.8	9.6	9.0*f*	9.7
Food expenditure (including catering) as a percentage of total (%)	49.0	36.1	34.1	31.2	31.9	33.8	32.9	32.6	31.4
Gini index	0.395	0.409	0.415	0.422	0.421	0.421	0.421	0.417	0.420
Illiteracy rate (%)[3]	0.55	...	...	...	...	...	...	...	...
Classification of dwellings by number of rooms (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0*f*	100.0*f*	100.0
1 room	23.3	23.1	23.1	23.2	23.3	23.3	23.5	23.6*f*	24.4
2 rooms	41.0	40.5	40.4	40.2	40.0	39.9	39.7	39.6*f*	42.2
3 rooms	29.4	29.3	29.2	29.2	29.1	29.1	29.0	28.9*f*	28.5
4 or more rooms	6.3	7.1	7.3	7.4	7.6	7.7	7.8	7.9*f*	4.9
Classification of dwellings tenure (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0*f*	100.0*f*	100.0
Private property	65.3	77.1	79.8	81.1	82.4	84.3	85.6	86.3*f*	87.1
State-owned	6.3	6.4	5.5	5.3	4.9	4.5	4.3	4.0*f*	3.7
Municipal property	26.5	16.5	14.6	13.5	12.5	11.0	9.9	9.5*f*	9.0
Other	1.9		0.1	0.1	0.2	0.2	0.2	0.2*f*	0.2
Classification of dwellings by equipment (%)									
Piped water within the dwelling	73.4	75.6	75.9	76.3	76.9	77.3	77.7	78.1*f*	78.5
Sewerage	69.0	71.5	71.8	72.2	72.8	73.3	73.7	74.1*f*	74.4
Heating	73.4	79.8	80.5	81.1	81.9	82.6	83.1	83.4*f*	83.7
Hot water supply	59.4	62.9	63.4	63.8	64.2	64.6	64.9	65.3*f*	65.5
Bath (shower)	63.8	65.4	65.6	65.9	66.2	66.5	66.7	66.9*f*	67.1
Gas (network, liquefied)	70.0	70.1	70.0	69.7	69.4	69.2	69.0	68.6*f*	68.0

(Contd.)

Table 6.2.2 - Selected Data on People's Living Standard - Russia -2000/2012 *(Concld.)*

	2000	2005	2006	2007	2008	2009	2010	2011	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
City coverage rate of population with access to tap water (%)(2)	95.0	96.5	96.3	96.5	96.6	97.1	96.6	96.5*f*	97.2
City coverage rate of population with access to gas (%)(2)	74.0	73.7	71.4	72.8	73.7	73.9	75.4	75.8*f*	75.9
Per capita area of parks and green Land (sq.m)(4)	169.4	190.5	197.6	199.0	201.2	202.3	203.7*f*	207.0*f*	213.6
Average number of proteins per capita per day (gram)(2)	73.0	71.0	71.0	72.0	73.0	73.0	77.0	77*f*	78.0
Average number of calories per capita per day (kilo calories)(2)	2551.0	2630.0	2554.0	2564.0	2550.0	2551.0	2652.0	2624.0	2633.0
Average number of fats per capita per day (gram)(2)	99.0	69.0	95.0	97.0	98.0	99.0	105.0	105*f*	105.0
Culture, education and health									
Percentage of household expenditure on education, culture and entertainment (%) (2)		8.9	8.4	8.2	9.3	8.8	8.1	8.0*f*	8.2
Enrollment by level of education (1000 persons)									
Primary education (1 level of ISCED97)	5920	5332	5170	5123	5165	5266	5457	5654	5793
Secondary education (2 and 3 levels of ISCED97)	16332	12058	11275	10546	10049	9772	9582	9504	9428
Tertiary education (5 and 6 levels of ISCED97)	7224	9803	9974	10021	9909	9720	9337	8733	8314
Physicians (per 1000 inhabitants)	4.7	4.9	4.9	5.0	5.0	5.0	5.0	5.1*f*	4.9
Hospital beds (per 1000 inhabitants)	11.5	11.1	10.9	10.7	9.9	9.7	9.4	9.4*f*	9.3
Age-standardized death rate by cause, per 10000 of the standard population(5)									
From diseases of circulatory system	51.2	52.5	48.5	45.5	44.9	42.4	42.1	38.5	36.6
From neoplasms	13.7	12.7	12.5	12.4	12.3	12.4	12.3	12.2	11.9
From external causes of death	18.6	17.8	15.9	14.6	13.6	12.5	12.0	11.0	10.7
From diseases of digestive system	3.2	4.6	4.3	4.2	4.3	4.2	4.3	4.1	4.0
From diseases of respiratory system	5.1	4.5	3.9	3.6	3.6	3.6	3.3	3.3	3.0
From infectious and parasitic diseases	2.2	2.3	2.1	2.0	2.0	1.9	1.9	1.9	1.8
Girls enrolment per 100 boys (for primary education)	95.0	96.0	95.0	96.0	96.0	96.0	96.0	96.0	96.0

Source: Federal State Statistics Services of the Russian Federation.
Footnotes: (1) According to the Sample Monitoring of Population Income and Participation in Social Programs.
(2) According to the Sample Household Budget Survey.
(3) According to the Census of Population 2002.
(4) *Per capital* of urban population.
(5) World Standard of WHO by all causes.

Table 6.2.3 - Selected Data on People's Living Standard - India -2000/2012

	2000	2001	2005	2006	2007	2008	2009	2010	2011	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Income and expenditure										
Per capita monthly living consumption expenditure (1)										
Urban area										
Total (Rs)	855.0	...	1052.4	1170.6	1312.5	1471.7	...	1984.5	...	2629.7
Food (%)	48.1	...	42.5	40.0	39.4	39.6	...	44.4	...	42.6
Fuel and light (%)	7.8	...	9.9	9.4	8.9	8.5	...	6.9	...	6.7
Clothing (%)	6.1	...	4.0	5.4	5.4	5.4	...	4.8	...	5.4
Education (%)	4.3	...	5.0	6.2	7.0	7.1	...	8.1	...	6.9
Medical care (%)	5.1	...	5.2	6.0	6.3	5.2	...	5.0	...	5.5
Rural area										
Total (Rs)	486.1	...	558.8	624.5	695.2	772.4	...	1053.6	...	1430.0
Food (%)	59.4	...	55.0	53.3	52.3	52.3	...	57.0	...	52.9
Fuel and light (%)	7.5	...	10.2	9.7	9.5	9.7	...	8.0	...	8.0
Clothing (%)	6.8	...	4.5	6.3	6.1	6.3	...	5.3	...	6.0
Education (%)	1.9	...	2.7	2.7	3.2	3.7	...	3.6	...	3.5
Medical care (%)	6.1	...	6.6	7.0	7.5	6.3	...	5.4	...	6.7
Culture, education and health										
Public expenditure on education (%)[2]	11.3	...	10.0	10.3	9.8	10.1	10.6	11.4	11.6	(3)11.7
Enrollment by level of education (million persons)[2]										
Primary level (class I-V)	114.0	...	132.0	134.0	135.0	135.0	136.0	135.0	...	...
Secondary level (class IX-XII)	28.0	...	38.0	40.0	45.0	46.0	48.0	51.0	...	...
Higher education level (graduation or above)	8.6	...	14.3	15.6	17.2	18.5	20.7	27.5	(4)28.6	...
Public expenditure on health (%)[2]	4.7	...	4.7	4.7	4.8	4.6	4.8	4.7	4.6	(3)4.8
Doctors (1000 numbers)[5]	556	...	675	701	731	761	794	827	861	884
Hospital beds (1000 numbers) (5)	506	...	470	493	483	495	540	577	785	1376
Deaths by accident (un natural causes) (1000 numbers)[6]	238	...	272	293	316	318	335	360	367	372
Cholera	18	...	6	3	3	1	12	3	10	1
Malaria	1005	...	963	1707	1311	1055	1144	1018	463	446
Dengue	7	...	157	184	69	80	96	110	169	242
Kala-Azar	150	...	157	187	203	151	93	105	80	23
Tuberculosis	10463	...	56471	64539	64824	66204	66345	63781	63265	...
Dwellings by type of occupation										
Owned (per 1000 households)										
Urban	...	(7)668	...	...	...	...	(1)615	...	(7)692	...
Rural	...	(7)943	...	...	...	...	(1)950	...	(7)947	...
Hired (per 1000 households)										
Urban	...	(7)285	...	...	...	...	(1)351	...	(7)275	...
Rural	...	(7)36	...	...	...	...	(1)33	...	(7)34	...
Others (per 1000 households)										
Urban	...	(7)47	...	...	...	...	(1)34	...	(7)33	...
Rural	...	(7)21	...	...	...	...	(1)17	...	(7)19	...

(Contd.)

Table 6.2.3 - Selected Data on People's Living Standard - India -2000/2012 *(Concld.)*

	2000	2001	2005	2006	2007	2008	2009	2010	2011	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Living quality										
Composition of household's Housing amenities										
Tap water facilities (per 1000 households)	243	687	301	743	...	...	...	308	706	...
Electricity facilities (per 1000 households)	435	876	660	961	...	...	...	553	927	...
Toilet facilities (per 1000 households)	219	737	348	887	...	...	...	307	814	...
Gini coefficient[1][8]										
Urban (%)	0.342	...	0.348	...	...	...	...	0.371	...	...
Rural (%)	0.260	...	0.266	...	...	...	...	0.276	...	...
Illiteracy rate[1][9]										
Urban (%)	20.2	...	17.4	16.7	16.5	15.7	...	14.6	...	14
Rural (%)	44.2	...	38.1	36.5	34.9	33	...	31.2	...	30
Classification of dwellings by equipment(%)[7]										
Radio, transister	...	35.1	...	...	...	...	...	...	19.9	...
Television	...	31.6	...	...	...	...	...	...	47.2	...
Telephone	...	9.1	...	...	...	...	...	...	63.2	...
Bicycle	...	43.7	...	...	...	...	...	...	44.8	...
Scooter, motorcycle, moped	...	11.7	...	...	...	...	...	...	21	...
Car, jeep, van	...	2.5	...	...	...	...	...	...	4.7	...
None of the above assets	...	34.5	...	...	...	...	...	...	17.8	...
Population with access to tap water (%)	...	36.7	...	...	...	...	...	...	43.5	...
Population with access to gas (%)	...	17.5	...	...	...	...	...	...	28.5	...
Average number of calories per capita (kilo calories per day)[1]										
Urban	...	...	2020	...	...	...	...	...	...	...
Rural	...	...	2047	...	...	...	...	...	...	...
Average number of proteins per capita (gram per day)[1]										
Urban	...	...	57	...	...	...	...	...	...	...
Rural	...	...	57	...	...	...	...	...	...	...
Average number of fats per capita (gram per day)[1]										
Urban	...	...	48	...	...	...	...	...	...	...
Rural	...	...	36	...	...	...	...	...	...	...

Sources:
a) Ministry of Statistics & Programme Implementation, National Sample Survey Office, *NSS Reports on Consumer Expenditure & Employment & Unemployment.*
b) Planning Commission of India.
c) Ministry of Human Resource Development, *Educational Statistics at a Glance2011-2012; and Key Results of All India Survey on Higher Education2011-*
d) Ministry of Health & Family Welfare, *National Health Profile.*
e) Ministry of Finance, *Economic Survey.*
f) Ministry of Home Affairs, National Crime Records Bureau, *Accidental Deaths & Suicides in India* (various issues).
g) Ministry of Home Affairs, Office of the Registrar General of India, Census 2001/2011 Reports.
Footnotes: (1) Pertains to National Sample Survey Rounds, (i.e., Period July of the previous year to June of the year mentioned in the table).
(2) Information pertains to Financial Year, (i.e., April of Year indicated in the table to March next year). Expenditure on health & educatiuon relates to Expenditure of general government, (i.e., centra & state combined).
(3) Preliminary data.
(4) Estimated data.
(5) As on end of December of the year indicated in the table. The data relates to number of doctors registered with State Medical Council/Medical Council.
(6) Includes deaths due to traffic accidents, air crash, fire, poisoning, electrocution, etc.
(7) Information is based on Census and is as on 31st March.
(8) Information on expenditure pertains to mixed reference period.
(9) Illiteracy Rate pertains to age7 years and above.

Table 6.2.4 - Selected Data on People's Living Standard - China - 2000-2013

	2000	2001	2002	2003	2004	2005	2006
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Income and expenditure							
Per capita income of households (RMB)							
Disposable income of urban households	6280.0	6859.6	7702.8	8472.2	9421.6	10493.0	11759.5
Net income of rural households	2253.4	2366.4	2475.6	2622.2	2936.4	3254.9	3587.0
Per capita consumption expenditure (RMB)							
Urban households (in cash)	4998.0	5309.0	6029.9	6510.9	7182.1	7942.9	8696.6
Rural households	1670.1	1741.1	1834.3	1943.3	2184.7	2555.4	2829.0
Per capita savings balance (RMB)	5075.8	5779.5	6766.0	8018.2	9197.4	10787.3	12292.9
Living quality							
Composition of consumption expenditure of households							
Urban (in cash) (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	39.4	38.2	37.7	37.1	37.7	36.7	35.8
Clothing	10.0	10.1	9.8	9.8	9.6	10.1	10.4
Residence	11.3	11.5	10.4	10.7	10.2	10.2	10.4
Household facilities, articles and services	7.5	7.1	6.4	6.3	5.7	5.6	5.7
Transport and communication	8.5	9.3	10.4	11.1	11.7	12.5	13.2
Education, cultural and recreation and services	13.4	13.9	15.0	14.4	14.4	13.8	13.8
Health care and medical services	6.4	6.5	7.1	7.3	7.4	7.6	7.1
Miscellaneous goods and services	3.4	3.5	3.2	3.3	3.3	3.5	3.6
Rural (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	49.1	47.7	46.2	45.6	47.2	45.5	43.0
Clothing	5.7	5.7	5.7	5.7	5.5	5.8	5.9
Residence	15.5	16.0	16.4	15.9	14.8	14.5	16.6
Household facilities, articles and services	4.5	4.4	4.4	4.2	4.1	4.4	4.5
Transport and communication	5.6	6.3	7.0	8.4	8.8	9.6	10.2
Education, cultural and recreation and services	11.2	11.1	11.5	12.1	11.3	11.6	10.8
Health care and medical services	5.2	5.5	5.7	6.0	6.0	6.6	6.8
Miscellaneous goods and services	3.1	3.2	3.1	2.2	2.2	2.1	2.2
Gini coefficient[1]	...	...	...	0.479	0.473	0.485	0.487
Rural areas coverage rate of population with access to tap water (%)	55.2	55.1	56.6	58.2	60.0	61.3	61.1
City coverage rate of population with access to gas (%)	45.4	60.4	67.2	76.7	81.5	82.1	79.1
Per capita area of parks and green land (sq.m)	3.7	4.6	5.4	6.5	7.4	7.9	8.3
Share of public expenditure on health (%)[2]	4.6	4.6	4.8	4.9	4.8	4.7	4.6
Culture, education and health							
Share of consumption expenditure of education, cultural and recreation and services (%)							
Urban households	13.4	13.9	15.0	14.4	14.4	13.8	13.8
Rural households	11.2	11.1	11.5	12.1	11.3	11.6	10.8
Enrollment by level of education (1000 persons)							
Higher education	5560.9	7190.7	9033.6	11086.0	13335.0	15617.8	17388.4
Regular secondary schools	73689.1	78360.2	82878.7	85832.0	86954.0	85809.0	84519.0
Vocational secondary schools	5032.1	4664.3	5115.0	5281.7	5694.0	6255.7	6762.0
Primary schools	130132.5	125434.7	121567.1	116897.4	112462.0	108640.7	107115.3
Special schools	378.0	386.4	374.5	364.7	372.0	364.4	362.9
Pre-primary education	22441.8	20218.4	20360.2	20039.0	20894.0	21790.3	22639.0
Licensed (assistant) doctors (per 1000 inhabitants)	1.7	1.7	1.5	1.5	1.6	1.6	1.6
Hospital beds (per 1000 inhabitants)	2.4	2.4	2.3	2.3	2.4	2.5	2.5

(Contd.)

Table 6.2.4 - Selected Data on People's Living Standard - China - 2000-2013 *(Contd.)*

	2007	2008	2009	2010	2011	2012	2013
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Income and expenditure							
Per capita income of households (RMB)							
Disposable income of urban households	13785.8	15780.8	17174.7	19109.4	21809.8	24564.7	26955.1
Net income of rural households	4140.4	4760.6	5153.2	5919.0	6977.3	7916.6	8895.9
Per capita consumption expenditure (RMB)							
Urban households (in cash)	9997.5	11242.9	12264.6	13471.5	15160.9	16674.3	18022.6
Rural households	3223.9	3660.7	3993.5	4381.8	5221.1	5908.0	6625.5
Per capita savings balance (RMB)	13058.0	16406.8	19540.8	22619.2	25504.6	29508.1	32894.5
Living quality							
Composition of consumption expenditure of households							
Urban (in cash) (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	36.3	37.9	36.5	35.7	36.3	36.2	35.0
Clothing	10.4	10.4	10.5	10.7	11.0	10.9	10.6
Residence	9.8	10.2	10.0	9.9	9.3	8.9	9.7
Household facilities, articles and services	6.0	6.2	6.4	6.7	6.7	6.7	6.7
Transport and communication	13.6	12.6	13.7	14.7	14.2	14.7	15.2
Education, cultural and recreation and services	13.3	12.1	12.0	12.1	12.2	12.2	12.7
Health care and medical services	7.0	7.0	7.0	6.5	6.4	6.4	6.2
Miscellaneous goods and services	3.6	3.7	3.9	3.7	3.8	3.9	3.9
Rural (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	43.1	43.7	41.0	41.1	40.4	39.3	37.7
Clothing	6.0	5.8	5.8	6.0	6.5	6.7	6.6
Residence	17.8	18.5	20.2	19.1	18.4	18.4	18.6
Household facilities, articles and services	4.6	4.8	5.1	5.3	5.9	5.8	5.8
Transport and communication	10.2	9.8	10.1	10.5	10.5	11.1	12.0
Education, cultural and recreation and services	9.5	8.6	8.5	8.4	7.6	7.5	7.3
Health care and medical services	6.5	6.7	7.2	7.4	8.4	8.7	9.3
Miscellaneous goods and services	2.3	2.1	2.1	2.1	2.3	2.5	2.6
Gini coefficient[1]	0.484	0.491	0.490	0.481	0.477	0.474	0.473
Rural areas coverage rate of population with access to tap water (%)	62.7	65.5	68.4	71.2	72.1	74.6	...
City coverage rate of population with access to gas (%)	87.4	89.6	91.4	92.0	92.4	93.2	...
Per capita area of parks and green land (sq.m)	9.0	9.7	10.7	11.2	11.8	12.3	...
Share of public expenditure on health (%)[2]	4.4	4.6	5.2	5.0	5.2	5.4	...

(contd).

Table 6.2.4 - Selected Data on People's Living Standard - China - 2000-2013 *(Concld.)*

	2007	2008	2009	2010	2011	2012	2013
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Culture, education and health							
Share of consumption expenditure of education, cultural and recreation and services (%)							
Urban households	13.3	12.1	12.0	12.1	12.2	12.2	12.7
Rural households	9.5	8.6	8.5	8.4	7.6	7.5	7.3
Enrollment by level of education (1000 persons)							
Higher education	18849.0	20210.2	21446.6	22317.9	23085.1	23913.2	24680.7
Regular secondary schools	82433.0	80505.0	78679.2	77032.5	75190.0	72283.5	68749.5
Vocational secondary schools	7405.4	7611.3	7857.2	7297.5	6835.7	6249.3	5335.5
Primary schools	105640.0	103315.1	100714.7	99407.0	99263.7	96959.0	93605.5
Special schools	419.3	417.4	428.1	425.6	398.7	378.8	368.1
Pre-primary education	23488.3	24749.6	26578.1	29766.7	34244.5	36857.6	38946.9
Licensed (assistant) doctors (per 1000 inhabitants)	1.6	1.7	1.8	1.8	1.8	1.9	2.1
Hospital beds (per 1000 inhabitants)[3]	2.6	2.8	3.1	3.3	3.5	3.9	4.5

Sources

a) Ministry of Education of the People's Republic of China, *Annual Statistical Report 2000-2013.*
b) National Health and Family Planning Commission of the People's Republic of China, *Annual Statistical Reports 2000-2013.*
c) Ministry of Housing and Urban-Rural Development of the People's Republic of China, *Annual Statistical Reports 2000-2013*.
d) National Bureau of Statistics of the People's Republic of China, *Integrated Household Survey in Urban and Rural Areas of China 2013; Urban Household Survey in China 2000-2012; and Rural Household Survey in China 2000-2012.*
e) The People's Bank of China, Almanac of China's Finance and Banking 2000-2013.
f) National Bureau of Statistics of the People's Republic of China, *Statistical Communiqui of the People's Republic of China on the 2013 National Economic and Social Development.*

Footnotes (1) Data of Gini coefficient are based on per capita annual disposable income.
(2) Total expenditure on health as percentage of GDP.
(3) Refers to beds of hospitals and health care centers per 1 000 inhabitants.

Table 6.2.5 - Selected Data on People's Living Standards - South Africa -2000/2011

	2000	2005	2006	2007	2008	2009	2010	2011
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Income and expenditure								
Household per capita disposable income (ZAR)	6364	...	28819	...	...	31856	...	42905
Household's per capita living Consumption expenditure[1]	7546	...	21613	...	...	26149	...	34897
Living quality								
Composition of household's consumption expenditure (%)	100.0	...	100.0	...	...	100.0	...	100.0
Food and non-alcoholic beverages[2]	27.7	...	14.4	...	...	19.3	...	12.8
Alcoholic beverages and tobacco	2.6	...	1.2	...	...	1.0	...	1.1
Clothing and footwear	5.4	...	5.0	...	...	4.8	...	4.5
Housing, water, electricity, gas and other fuels	13.6	...	23.6	...	...	24.9	...	32.0

(Contd.)

Table 6.2.5 - Selected Data on People's Living Standards - South Africa -2000/2011 *(Concld.)*

	2000	2005	2006	2007	2008	2009	2010	2011
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Furnishings and household equipment	8.7	...	6.9	...	...	5.4	...	5.1
Health	1.5	...	1.7	...	...	1.3	...	1.4
Transport	13.3	...	19.9	...	...	15.3	...	17.1
Communication	3.4	...	3.5	...	...	3.4	...	2.8
Recreation and culture	3.7	...	4.6	...	...	4.3	...	3.0
Education	2.4	...	2.4	...	...	2.8	...	2.7
Restaurants and hotels	3.6	...	2.2	...	...	2.4	...	2.4
Miscellaneous goods and services	14.2	...	14.4	...	...	14.9	...	14.7
Other unclassified expenses	0.0	...	0.3	...	...	0.3	...	0.1
Gini Index (per capita expenditure excluding taxes)	0.650	...	0.670	...	...	0.640	...	0.650
Literacy rate (%)[3]	...	24.9	24.3	23.3	22.8	19.9	19.3	18.2
Classification of dwellings by number of rooms (%)[4]								
1 room	...	22.8	21.4	23.1	19.1	18.1	18.4	18.0
2 rooms	...	13.6	14.1	13.8	13.3	12.4	10.9	10.5
3 rooms	...	12.2	12.6	12.4	13.6	12.5	12.0	12.2
4 rooms or more	...	51.4	51.9	50.7	54.0	57.1	58.7	59.3
Classification of dwellings tenure[5]	...	70.2	70.0	67.7	73.8	65.1	67.3	61.4
Private property	...	57.2	59.8	57.8	61.9	56.0	58.1	...
State-owned	...	12.0	10.3	9.7	12.1	11.0	10.9	...
Municipal property	...	20.6	19.9	22.5	18.3	20.9	20.6	...
Other	...	10.2	10.1	9.9	7.7	12.2	10.4	...
Classification of dwellings by equipment (%)								
Piped water within the dwelling (1)	...	40.1*f*	41.1*f*	41.5*f*	43.4*f*	42.1*f*	41.6*f*	43.3
Sewerage within the dwelling (1)	...	37.7*f*	34.2*f*	37.9*f*	38.5*f*	38.4*f*	39.0*f*	39.6
City coverage rate of population with access to tap water (%)[6]	...	69.8	71.1	71.6	70.2	69.9	70.6*f*	71.9
Culture, education and health								
Household expenditure on education, culture and entertainment (%)	6.1	...	6.6	...	...	...	...	...
Expenditure on education as percentage of total budget (%)	26.0	19.6	19.1	18.5	18.8	18.9	19.5	20.3
Expenditure for medical and health care (%)	14.3	11.2	11.3	11.3	10.9	11.1	11.5	11.8
Physicians (per 1000 inhabitants)[7]	...	0.3	0.3	0.4	0.4	0.4	0.4	...
Hospital beds (per 1000 inhabitants)[7]	...	2.2	...	2.2	2.2	2.2	2.0	...

Sources: a) Statistics South Africa, *General Household Survey 2002-2009; Income and Expenditure Survey 2000; Income and Expenditure Survey 2005-2006; District Health Information System 2010; and South African Health Review* (various issues).
b) National Treasury, Budget Reviews (various issues)
Footnotes: (1) Excludes rental estimations for owner occupied dwelling units.
(2) Adjusted for CPI.
(3) Individuals over the age of 20 years who have not completed primary education (equivalent to grade 7 education)
(4)1-4 rooms. Note: although data is available for 2002 to 2008, the question by which information regarding the number of rooms is gathered changed in 2009, making comparison unwise.
(5) Fully or partially owned.
(6) Piped or tap water in the house or yard, for total population, not only cities.
(7) Per 1000 uninsured population.

Explanatory Notes

Brazil

Wage - it was considered the monthly wage usually received in the reference month (September of each year)
a) Employees: the wage was the gross monthly income that would normally be entitled to the whole working month and, when the income was variable, it was the average monthly income for the month of reference of the survey year. It were not included 13th salary (14th salary and 15th salary etc.) and profit-sharing paid by the enterprise to their employees. Also the amount received in benefits (housing, food, clothing, transport, meal or food stamps etc.) was not included in the calculation of the income of the employees.
b) Employers and own account: the income was the withdrawal usually made monthly or, when the gains was variable, the average monthly withdrawal for the month of reference of the survey year. The withdrawal was the gain (gross income less expense incurred with the enterprise, such as paying employees, raw material, electricity, telephones etc.). It was not included the value of the production of the enterprise used for own consumption.

Russia

Growth Rate (Index) of Real Wages - relative indicator which is calculated by dividing the indices of accrued wage by consumer price indices for respective period of time. Average nominal accrued wage are compiled by dividing accrued wages fund of employees by average annual payroll number of employees. The accrued wages fund of employees includes sums of payments added to employed in the monetary and not monetary forms for fulfilled and unfinished time, the compensatory payments connected with working conditions, surcharges and extra charges, bonuses, occasional incentive payments and also payments of meal and residing, having regular character. Benefits granted to the employees from the state social extra-budget funds are not included in the wages fund.
Number of Physicians include all doctors with the higher medical education engaged in the treatment and sanitary organizations, social security establishments, research institutes, personnel training establishments, in public health management bodies and others. Hospital Beds are the beds equipped with the required appliances and ready to receive patients.
Area of Parks and Green Land includes area of the common using green plantations (parks, gardens, squares and parkways) forest parks and city gardens.
Gini Index characterizes the level of deviation of the actual distribution of the income of population from the line of the even distribution.

India

Gini Coefficient: Gini Coefficient in case of India is calculated by Planning Commission of India on the basis of Consumer Expenditure data (expenditure is used as proxy for income to measure inequality) compiled by National Sample Survey Office. The Gini Coefficient is produced both for uniform reference period and mixed reference period. The information included is based on mixed reference period i.e. different recall periods for different items.

China

Government Appropriation for Education refers to state budgetary fund for education, taxes and fees collected by governments at all levels that are used for education purpose, education fund for enterprise-run schools, income from school-run enterprises, work-study programme and social services that are used for education purpose.
Percentage of Urban Population with Access to Gas refers to the ratio of the urban population with access to gas to the total urban population at the end of the reference period. Urban Green Areas per Capita refers to

the ratio of the urban green areas to the total urban population. Area of Urban Green Areas refers to the total area occupied for green projects at the end of the reference period, including park green land, protection green land, green land attached to institutions and other green land.

Regular Institutions of Higher Education refer to educational establishments set up according to the government evaluation and approval procedures, recruiting graduates from senior secondary schools as the main target by National Matriculation TEST. They include full-time universities, colleges, institutions of higher professional education, institutions of higher vocational education, institutions of higher vocational education and others (non-university tertiary, branch schools and undergraduate classes), including total enrollment in full undergraduate courses and in specialized courses.

Regular Secondary Schools are classified into regular senior secondary schools and junior secondary schools, including: Regular Senior Secondary School referring to education establishment providing senior secondary education service to graduates of junior secondary school; Regular Junior Secondary School referring to education establishment providing fundamental secondary education service to graduates of primary school;

Vocational Secondary Schools include vocational junior secondary school and vocational senior secondary school, referring to education establishment ratified by education authority at county level or above to enroll graduates of primary school and junior secondary school and provide junior or senior vocational education service.

Regular Primary Schools refer to education establishments ratified by education authority at county level or above to children of school age and provide primary education service.

Special Schools refer to regular or vocational primary or secondary education institutions enrolling children with physical or intellectual disabilities and other special children and teenagers that have demand for special education.

Pre-Primary Education Institutions include kindergarten and preschool class. Kindergarten enrolls three-year-old (and above) preschool children and provides care and education service. Establishment of kindergarten shall be approved by education authority at county level or above or town government, and shall be registered in file. In those regions without the resources of providing three year preschool education to preschool children, one-year preschool class can be set up to provide one-year preschool education service to preschool children.

Physicians refer to licensed (assistant) doctors. Licensed assistant doctors refer to the medical workers who have obtained the licenses of qualified (assistant) doctors and are employed in medical treatment, disease prevention or healthcare institutions, excluding the licensed (assistant) doctors engaged in management job. The classification of licensed (assistant) doctors is clinician, Chinese medicine, dentist and public health.

Number of Licensed (Assistant) Doctors per 1000 Population The formula is: Number of Licensed (Assistant) Doctors per 1000 Population = (Number of Licensed Doctors + Number of Licensed Assistant Doctors) / Population *1000. The population is the figure of household registration from the Ministry of Public Security.

Number of Beds of Hospitals and Health Care per 1000 Population = (Number of Beds of Hospitals + Number of Beds of Health Care) / Population *1000. The population is the figure of household registration from the Ministry of Public Security.

Table 7.1 - Summary of Resources and Environment on BRICS Countries - 2000/2012

	2000	2005	2006	2007	2008	2009	2010	2011	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(1)
Utilization of forest area (1000 hectares)									
Brazil	545943	530494	...	...	...	...	519522	...	...
Russia	871539	870567	870755	870761	870786	870807	870981	871176	871814
India[1]	69843	69994	70025	69965	69978	69988	70006	69203	...
China	174909	195452	195452	195452	195452	207687	207687	207687	207687
South Africa	1331	1334	1282	1266	1257	1275	1271	1273	...
Utilization of perennial crop area (1000 hectares)									
Brazil	6245*f*	6355*f*	6494	6451*f*	6496*f*	6290	6315	6319	...
Russia	1864	1800	1798	1794	1793	1795	1800	1802	1804
India									
China	11230	12530	12730	13230	13930	14320			
South Africa	959	854	832	810	798	792	787	781	
Carbon dioxide emissions per capita									
Brazil (kg)	9409	8893	...	...	...	...	...	...	...
Russia (kg)[2]	10840	11066	11715	11550	11622	10329	10967	11835	...
India (MT)[3]	1.0	1.1		1.2	1.3	1.4			1.4
China (kg)	11230	12531	12731	13231	13926	14321	14616	14716	
South Africa (kg)	8.1	8.5	8.6	8.8	...	...	...	...	...
Sulfur dioxides emissions per capita									
Brazil (g/m^3)[4]	82	68	66	80	56	39	48	...	...
Russia (kg)[5]	37	33	33	32	32	31	31	30	30
India (kg)									
China (kg)[6]	16	20	20	19	18	17	16	17	16
South Africa (kg)									

Sources: Brazi: a) *Global forests resources assessment - FRA 2010.*
b) Brazilian Institute of Geography and Statistics - IBGE, *Agricultural Municipal Production Survey.*
c) *Second National Communication of Brazil to the United Nations Framework Convention on Climate Change, v. 1, part II.*
d) National inventory of anthropogenic emissions by sources and removals by sinks of Greenhouse gases. Annex-Estimation of Emissions of Greenhouse Gases by Gas and Sector, 1990 to 2005. Brasilia, 2010.
e) IBGE, Directorate of Surveys, Population Projection of Brazil by sex and age: 1980-2050. Brasilia, 2010.
f) IBGE, Sustainable Development Indicators - Brazil.

Russia: a) Federal State Statistics Service of the Russian Federation.
b) Federal Service of State Registration, Cadastre and Cartography.
c) Federal Service for Hydrometeorology and Environmental Monitoring of the Russian Federation (Rosgidromet).

India:
a) Ministry of Agriculture, Directorate of Economics & Statistics, *Land Use Statistics At al*
b) Ministry of Environment & Forests, Forest Survey of India, India State of Forest Report 2011. c) Ministry of Statistics & Programme Implementation, Towards Achieving Millennium Development goals India 2013. d) Ministry of Environment & Forests, India Second National Communication to the United Nations Framework Convention on Climate Change.

China: a) National Bureau of Statistics of China, China Statistical Yearbook 2010. b) Ministry of Environmental Protection of China. c) World Bank WDI Database.

South Africa: Millennium indicators, UN.

Footnotes: Brazil (4) Data in concentration (g/m3) for some metropolitan areas (Recife, Salvador-Camagari, Belo Horizonte, Vitória, Rio de Janeiro, Sáo Paulo, Curitiba, Porto Alegre and Distrito Federal) no weighting by population.

Russia (2) By data of Rosgidromet. Data on carbon dioxide emissions, with the account of land use, changing in land use and forestry are taken from the Russian national inventory of antropogenic emissions by sources and absorption by absorbents of greenhouse gases not regulated by Montreal Protocol for 1990.
(5) Emissions from stationary sources.

India (1) Data (except 2011) relates to agricultural year (i.e. July of the year indicated in the table to June next year). Information since 2006-07 is provisional and that for 2011 is based on Estimation by Forest Survey of India.
(3) Per Capita Carbon Di Oxide Emission pertains to emission by fuel combustion using sectoral approach. The figure including Land Use Change & Forestry was 0.7 MT in 2000 and 1.08 in 2007 as per 'India Second National Communication to the United Nations Framework Convention on Climate Change', Ministry of Environment & Forests.

China (6) Data of sulfur dioxide emissions per capita refer to the ratio of the volume of sulphur dioxide emission to the average population of the year.

Table 8.1 - Summary of Industry on BRICS Countries -2000/2013

	2000	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Indices of industrial production (preceding year =100)								
Brazil	106.6	106.0	103.1	92.9	110.2	100.4	97.7	102.2
Russia	108.7	106.8	100.6	89.3	107.3	105.0	103.4	(1)100.4
India[(2)]	105.0	115.6	102.5	105.3	108.2	102.9	101.1	100.0
China[(3)]	111.4	118.5	112.9	111.0	115.7	113.9	110.0	109.7
South Africa	103.7	104.6	100.7	87.1	104.9	102.6	102.0	...
Production of petroleum								
Brazil (million tons)	62.0	88.0	92.0	99.0	104.0	106.5	104.6	[(4)]102,4
Russia (million tons)[(5)]	324.0	491.0	488.0	494.5	506.0	512.4	519.0	[(1)]523.0
India (million tons)[(2)]	32.4	34.1	33.5	33.7	37.7	38.1	37.9	
China (million tons)	163.0	186.3	190.4	189.5	202.4	202.9	205.7	209.0
South Africa million (kl)[(6)]	21.0	26.0	...	...	...	...	...	...
Electricity production (billion kilowatt/hours)								
Brazil	349.0	449.0	463.0	463.0	516.0	533.0	552.5	[(7)]527.0
Russia	877.8	1015.3	1040.4	992.0	1038.0	1054.9	1069.0	[(1)]1051.0
India[(2)(8)]	561.0	813.0	841.0	906.0	966.0	1057.0	1113.0	
China	1355.6	3281.6	3495.8	3714.7	4207.2	4713.0	5021.0	5397.6
South Africa	211.0	263.0	258.0	250.0	260.0	263.0	258.0	...

Sources: Brazil
a) Brazilian Institute of Geography and Statistics - IBGE, Indices of Industrial Production 2000-2013.
b) National Agency of Petroleum, Natural Gas and Biofuels - ANP.
c) Electric System National Operator - ONS.
d) Energy Research Company - EPE.

Russia
Federal State Statistics Service of the Russian Federation.

India
a) Ministry of Statistics and Programme Implementation, *Press Release of Quick Estimates of Index of Industrial Production.*
b) Ministry of Petroleum & Natural Gas, *Indian Petroleum & Natural Gas Statistics* (various issues).

China
National Bureau of Statistics of the People's Republic of China, *Annual Industrial Statistical Report 2000-2012; Monthly Industrial Production Survey 2000- 2013; and Statistical Communiqué of the People's Republic of China on the 2013 National Economic and Social Development.*

South Africa
South African Petroleum Industry Association.

Footnotes: Brazil
(4) Refers January to November and the source is the National Petroleum Agency.
(7) Electricity Production data is from Energy Research Company - EPE.

Russia
(1) 2013 - Preliminary data.
(5) Including natural gas liquids.

India
(2) The data of India pertains to fiscal year i.e. April (of the year mentioned in the table) to March (next year). However the information for 2013 pertains to April- Dec 2013.
(8) Gross Electricity production in utilities (including thermal, hydro & nuclear) and non-utilities.

China
(3) Coverage of industrial enterprises above designed size had been adjusted since 2011, i.e., enterprises with annual revenue from principal business over 20 million yuan from 2011 on and over 5 million yuan prior to 2011.

South Africa
(6) Includes: Petrol, Jet Fuel, Illum Paraffin, Fuel Oil, Bitumen, LPG.

Table 8.2.1 - Selected Data on Output of Main Industrial Product - Brazil -2000/2012

Products	2000	2003	2004	2005	2006	2007
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Coal (million tons)	6.0	5.0	5.0	6.0	7.0	7.0
Natural gas (million cu.m)[1]	13328.0	15199.0	16345.0	17880.0	19781.0	18094.0
Iron ore (million tons)	218.0	256.0	285.0	357.0	458.0	517.0
Steel (1000 tons)	30208.0	37756.0	44992.0	44331.0	44137.0	51102.0
Passenger cars (1000 sets)	1320.0	1473.0	1874.0	2176.0	2215.0	2463.0
Household refrigerators (1000 sets)	4350.0	4876.0	5335.0	5294.0	6105.0	6414.0
TV (1000 sets)	6022.0	5801.0	8296.0	10624.0	12891.0	11393.0
Mobile cellular subscriptions (1000 sets)[2]	10921.0	29330.0	43020.0	64285.0	61720.0	69265.0
Washing machines (1000 sets)	3212.0	3099.0	3708.0	3794.0	4402.0	5937.0
Fertilizers (1000 tons)	19066.0	21617.0	31439.0	20878.0	21211.0	27031.0
Sawnwood (1000 cu.m)	13497.0	15651.0	20011.0	23182.0	29054.0	22674.0
Paper and paperboard (million tons)		14.0	15.0	16.0	16.0	17.0
Cement (1000 tons)	36431.0	34653.0	34159.0	39649.0	41555.0	44341.0
Cotton woven fabrics (million tons)	0.5	0.5	0.6	0.8	1.0	1.0
Woolen woven fabrics (1000 sets)	182.0	1328.0	2531.0	2102.0	1970.0	2314.0
Footwear (ton)[3]	8865.0	12073.0	44227.0	55351.0	22364.0	21091.0

Products	2008	2009	2010	2011	2012
Coal (million tons)	7.0	6.8	6.0	7.5	...
Natural gas (million cu.m)[1]	21608.0	21141.5	22938.4	24073.7	25832.2
Iron ore (million tons)	409.0	342.9	433.8	468.0	...
Steel (1000 tons)	54935.0	40676.8	46889.1	49993.5	...
Passenger cars (1000 sets)	2706.0	2679.6	2915.1	2849.9	...
Household refrigerators (1000 sets)	7022.0	7599.3	7861.2	7970.8	...
TV (1000 sets)	10872.0	8641.5	12293.2	14177.1	...
Mobile cellular subscriptions (1000 sets)[2]	69523.0	55845.6	57617.9	60842.3	...
Washing machines (1000 sets)	6098.0	7390.6	7531.6	8673.5	...
Fertilizers (1000 tons)	28593.0	23205.0	24095.1	28681.1	...
Sawnwood (1000 cu.m)	26832.0	18229.9	19330.2	21158.9	...
Paper and paperboard (million tons)	19.0	18.9	19.9	20.5	...
Cement (1000 tons)	52508.0	52191.6	69782.3	73961.9	...
Cotton woven fabrics (million tons)	1.0	0.6	0.7	0.7	...
Woolen woven fabrics (1000 sets)	1835.0	1043.3	2041.8	2935.5	...
Footwear (ton)[3]	32396.0	62977.7	52425.7	32483.5	...

Source: Brazilian Institute of Geography and Statistics - IBGE, Annual Survey of Industry 2000-2011.

Footnotes: Since 2005, the Annual Survey of Industry - Product shall investigate all companies with more than 30 employees.
(1) National Petroleum Agency.
(2) Reflects the national production of mobile celular.
(3) This industrial product is partially collected at the unit of measure kg and partially collected at the unit of measure Pair Full information would be: 2011 => 32.483,5 (ton) + 1.494.923,2 (000 pairs).

Table 8.2.2 - Selected Data on Output of Main Industrial Products - Russia -2000/2013

Products	2000	2006	2007	2008	2009	2010	2011	2012	2013 (1)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Coal (million tons)	258	310	314	329	301	322	336	356	347
Natural gas (billion cu.m)	584	656	653	666	583	651	671	655	668
Iron ore (million tons)(2)	87	102	105	100	87	96	104	104	102
Steel (1000 tons)	59150	70816	72370	68711	59362	66844	68114	70392	68792
Passenger cars (1000 sets)	969	1178	1294	1470	600	1210	1740	1964	1916
Household refrigerators (1000 sets)(3)	1327	2995	3539	3728	2811	3557	4100	4302	4114
TV (1000 sets)	1116	4601	6823	7028	4878	11973	14714	16170	14231
Telephone (1000 sets)	847	308	196	192	171				
Household washing machines (1000 sets)	954	2016	2713	2694	2305	2761	3031	3355	3830
Mineral fertilizers (1000 tons)(4)(5)	12213	16207	17300	16211	14640	17957	18828	17833	18327
Sawnwood (1000 cu.m)(6)	20583	22359	24417	21783	19089	22065	22636	21185	20950
Paper and paperboard (million tons)	5.3	7.4	7.6	7.7	7.4	7.7	7.6	7.8	7.7
Cement (1000 tons)(7)	32389	54731	59933	53548	44266	50392	56153	61691	66449
Cotton woven fabrics (million sq.m)	1822	2222	2108	1915	1477	1542	1237	1389	1309
Woolen woven fabrics (million sq.m)	54.6	29.0	28.7	23.9	18.1	20.7	19.3	14.1	12.8
Footwear (1000 pairs)	56506	78671	79237	81918	81174	102533	110193	103182	114048

Source:
Federal State Statistics Service of the Russian Federation.

Footnotes:
(1) Preliminary data.
(2) Since 2010 - concentrate of iron ore.
(3) Household refrigerators and freezers.
(4) In terms of 100% content of nutrients.
(5) Since 2010 - mineral and chemical fertilizers.
(6) Including sleepers. Since 2009 - wood, sawn or chipped lengthwise, sliced or peeled, of a thickness exceeding 6 mm; railway or tramway sleepers of wood, not impregnated.
(7) Since 2010 - portland cement, aluminous cement, slag cement and similar hydraulic cements.

Table 8.2.3 - Selected Data on Output of Main Industrial Products - India -2000/2012

Products	2000	2005	2006	2007	2008	2009	2010	2011	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Coal (million tons)	309.6	407.0	430.8	457.1	492.8	532.0	532.7	533.0	557.5
Natural gas (million cu.m)	29480.0	32202.0	31747.0	32417.0	32845.0	47496.0	52219.0	47559.0	40679.0
Iron ore (pig iron + sponge iron) (million tons)	80.6	154.4	187.7	213.2	213.0	218.6	208.0	168.6	136.0
Crude steel (million tons)	31.0	47.0	51.0	54.0	58.0	66.0	71.0	73.8	78.3
Passenger cars (1000 sets)	524.0	1046.0	1238.0	1426.0	1517.0	1933.0	2453.0	2775.0	2669.0
Household refrigerators (1000 sets)	2126.0	4178.0	5035.0	6140.0	6715.0	8002.0	8716.0		
TV (picture tubes) (1000 sets)	4364.0	6800.0	7518.0	6490.0	6783.0	9206.0			
Household washing machines (1000 sets)	733.0	1711.0	1806.0	2191.0	2564.0	3049.0	3080.0		
Fertilizers (1000 tons)[1]	14752.0	15575.0	16095.0	14707.0	14334.0	16221.0	16378.0	16360.0	16275.0
Paper and paperboard (million tons)	5.0	6.0	6.0	6.0	7.0	7.0			
Cement (all kinds) (million tons)	104.0	141.0	155.0	168.0	181.0	201.0	210.0	224.0	245.0
Cotton cloth (excluding hosiery) (m.sq.mtrs)	19718.0	23873.0	26238.0	27196.0	26898.0	28914.0	31718.0	30570.0	34152.0
Footwear (million pairs)[2]	173.0	197.0	210.0	220.0	229.0	239.0			

Source:

a) Ministry of Finance, *Economic Survey.*
b) Ministry of Petroleum & Natural Gas, *Indian Petroleum & Natural Gas Statistics* (various issues).
c) Ministry of Road Transport & Highways, *Road Transport Year Book.*
d) Ministry of Textiles, Office of the Textile Commissioner.
e) Ministry of Mines, Indian Bureau of Mines.
f) Ministry of Steel, Joint Plant Committee.
g) Ministry of Chemicals & Fertilizers, Department of Fertilizers Annual Reports.

Footnotes: The data of India pertains to fiscal year, i.e., April (of the year mentioned in the table) to March (next year) and the same for 2012 is provisional.
(1) Information relates to production of potassium, nitrogenous and phosphatic nutrient content, (i.e., N, P & K) only.
(2) Includes leather footwear - Indian and western type.

Table 8.2.4 - Selected Data on Output of Main Industrial Products - China -2000-2013

Products	2000	2001	2002	2003	2004	2005	2006
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Coal (million tons)	1384.2	1471.5	1550.4	1834.9	2122.6	2349.5	2528.6
Natural gas (million cu.m)	27200.0	30329.0	32661.0	35015.0	41460.0	49320.0	58553.0
Iron ore (million tons)	222.6	217.0	231.4	261.4	346.3	420.5	588.9
Crude steel (million tons)	128.5	151.6	182.4	222.3	282.9	353.2	419.1
Cars (1000 sets)	607.0	703.6	1092.0	2070.8	2276.3	2770.1	3869.4
Home refrigerators (1000 sets)	12790.0	13512.6	15988.7	22425.6	30075.9	29870.6	35308.9
Color TV (1000 sets)	39360.0	40937.0	51550.0	65414.0	74318.3	82832.2	83754.0
Mobile telephones (1000 sets)	52478.8	80316.6	121463.5	182313.7	237515.8	303542.1	480137.9
Home washing machines (1000 sets)	14429.8	13416.1	15957.6	19644.6	25334.1	30355.2	35605.0
Chemical fertilizers (1000 tons)	31860.0	33830.1	37910.0	38813.1	48048.2	51778.6	53450.5
Sawnwood (1000 cu.m)	6344.4	7638.3	8516.1	11268.7	15325.4	17902.9	24864.6
Machine-made paper and paperboard (million tons)	24.9	37.8	46.7	48.5	54.1	62.1	68.6
Cement (million tons)	597.0	661.0	725.0	862.1	966.8	1068.8	1236.8
Cotton woven fabrics (million m)	13922.0	15398.0	17254.0	20086.0	24200.0	19658.0	23549.0
Woolen woven fabrics (million m)	278.3	343.0	326.9	442.9	816.9	329.6	444.8
Leather footwear (million pairs)	1468.4	1335.9	1522.8	1816.5	2743.9	2525.5	3003.0
Products	2007	2008	2009	2010	2011	2012	2013 (1)
Coal (million tons)	2691.6	2802.2	2973.0	3235.0	3520.0	3650.0	3680.0
Natural gas (million cu.m)	69240.0	80299.0	85269.0	94848.0	102689.0	107040.0	117050.0
Iron ore (million tons)	706.7	826.7	881.2	1077.7	1307.5	1309.6	1451.0
Crude steel (million tons)	489.3	503.1	572.2	637.2	685.3	723.9	779.0
Cars (1000 sets)	4797.8	5038.1	7484.8	9575.9	10126.7	10770.0	12104.2
Home refrigerators (1000 sets)	43971.3	47999.5	59304.5	72957.2	86992.0	84270.0	92610.2
Color TV (1000 sets)	84780.1	91871.4	98987.9	118300.3	122313.4	128235.2	127760.5
Mobile telephones (1000 sets)	548578.6	559451.0	681933.7	998273.6	1132577.1	1181545.7	1455609.9
Home washing machines (1000 sets)	40051.0	44470.0	49736.3	62477.3	67159.4	67911.2	72019.0
Chemical fertilizers (1000 tons)	58249.8	60280.5	63850.1	63378.6	64193.9	68321.0	70369.6
Sawnwood (1000 cu.m)	28291.0	28409.5	32297.7	37226.3	44602.5	55681.9	62840.0
Machine-made paper and paperboard (million tons)	77.9	84.0	89.7	98.3	110.1	109.6	113.7
Cement (million tons)	1361.2	1423.6	1644.0	1881.9	2099.3	2209.8	2416.1
Cotton woven fabrics (million m)	27112.0	42364.0	31962.0	38330.0	36526.0	36959.0	39270.0
Woolen woven fabrics (million m)	545.5	850.4	495.1	566.3	518.4	478.7	491.1
Leather footwear (million pairs)	3229.0	3315.0	3546.2	4193.1	4266.4	4496.6	4925.2

Sources:
a) National Bureau of Statistics of the People's Republic of China, *Annual Industrial Statistical Report 2000-2012; Monthly Industrial Production Survey 2000- 2013; and Statistical Communiqui of the People's Republic of China on the 2013 National Economic and Social Development.*
b) State Forestry Administration of the People's Republic of China, Annual Reports 2000-2013.
Footnotes: (1) Preliminary data.

Table 8.2.5 - Value of Sales by Product - South Africa -2000/2013

Value of sales, by product (million ZAR)	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Basic iron and steel	35966	67627	81247	101383	136229	80390	95250	98755	96706	103509
Motor vehicles	48984	79387	93587	97114	105610	74998	88567	92886	93886	105665
Household appliance	5923	8652	9906	10090	9884	9363	9611	9868	10599	11252
Basic chemicals[1]	25753	40074	46026	55139	79908	57256	61968	70685	76439	85927
Sawmilling and planing of wood	3662	6548	7442	8017	8165	6599	7372	7860	8463	9103
Paper and paper products	25879	33434	36966	39584	47488	44269	48623	50190	53173	56744
Non-metallic mineral[2]	14965	27135	29946	33860	36471	34677	35310	37395	39059	42583
Textiles[3]	6018	6057	6051	6409	6422	5702	5221	5211	5236	5764
Footwear	2534	2457	2588	2784	3101	3159	3276	3390	3609	3804

Source: Statistics South Africa.
Footnotes: (1) Including fertilizers. (2) Including cement. (3) Including cotton fabrics.

Table 9.1 - Summary of Energy on BRICS Countries - 2000/2012

	2000	2006	2007	2008	2009	2010	2011	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Total primary energy production (mtoe)								
Brazil[1]	153	212	223	237	241	253	257	257
Russia[2]	2166	2566	2601	2619	2554	2675	2716	2740
India[3]	204	355	371	389	403	426	448	
China[4]	945	1626	1731	1824	1922	2078	2226	2323
South Africa	153	154	154	157	157	...	...	...
Total consumption of energy (mtoe)								
Brazil[5]	191	226	239	253	244	269	272	284
Russia[2]	1616	1754	1770	1800	1738	1822	1868	1893
India[6]	530	745	813	876	987	1062	1129	
China[4]	1019	1811	1964	2040	2147	2275	2436	2532
South Africa	91	86	85	92	83	...	...	...
Energy consumption per capita								
Brazil (kgoe)[7]	1113	1238	1289	1349	1288	1403	1410	1456
Russia (tons of standard equivalent)[8]	11.1	12.3	12.4	12.6	12.2	12.8	13.1	13.2
India (kgoe)	531	670	720	765	850	901	946	
China (kgoe)[9]	807	1381	1490	1540	1612	1700	1812	1875
South Africa (kgoe)	1799	1700	1680	1819	1641	...	...	...
Share of net imports of energy to total consumption (%)								
Brazil	22.2	8.0	8.0	8.3	3.8	7.5	7.9	11.0
Russia	2.9	1.8	1.9	2.1	1.9	1.7	2.0	1.7
India	...					17.1	18.2	
China	3.2	2.8	8.9	9.2	12.7	14.4	15.5	16.4
South Africa	21.0	25.0	24.0	27.0	26.0	...	...	...

(Concld.)

Table 9.1 - *(Concld.)*

	2000	2006	2007	2008	2009	2010	2011	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Electricity export								
Brazil (million Kilowatt hours)	7.0	283.0	2034.2	689.2	1080.3	1257.5	2544.0	467.2
Russia (billion kilowatt hours)	22.9	20.9	18.5	20.7	17.9	19.3	23.7	14.3
India (million kilowatt hours)			290	58	62	62	128	
China (million kilowatt hours)	9880	12270	14570	16640	17390	19060	19310	17650
South Africa (million kilowatt hours)[10]	4007	13766	14496	14168	14052	14645		
Electricity import								
Brazil (million kilowatt hours)	44345	41447	40866	42901	41064	35906	38430	40722
Russia (billion kilowatt hours)	8.8	5.1	5.7	3.1	3.1	1.9	10.0	8.3
India (million kilowatt hours)			5230	5359	5610	5610	5610	
China (million kilowatt hours)	1550	5390	4250	3840	6010	5550	6560	6870
South Africa (million kilowatt hours)[11]	4719	9782	11348	10572	12295	12193	...	...
Electricity consumption								
Brazil (million kilowatt hours)	321159	375378	394861	409855	407273	437863	456748	472048
Russia (billion kilowatt hours)	863.7	980.0	1002.5	1022.7	977.1	1020.6	1041.1	1063.3
India (million kilowatt hours)	316600	455749	501977	553995	612645	694392	772603	
China (million kilowatt hours)	1347240	2858800	3271180	3454140	3703220	4193450	4700090	4976260
South Africa (million kilowatt hours)	195660	231323	241170	235924	229599	238272	...	...
Electricity consumption per capita								
Brazil (million per capita)[12]	1875	2052	2134	2190	2151	2286	2364	2424
Russia (kilowatt hours)	5931	6851	7020	7165	6843	7145	7283	7425
India (kilowatt hours)[13]	(14)512	672	717	734	779	819	884	917
China (kilowatt hours)	1067	2181	2482	2608	2782	3135	3497	3684
South Africa (kilowatt hours)	...	...	...	...	...	...	...	...

Sources:

Brazil

Ministry of Mines and Energy.

Russia

Federal State Statistics Service of the Russian Federation, *Short Energy Balance*.

India

a) Ministry of Statistics & Programme Implementation, Central Statistics Office, Energy Statistics 2013.

b) Ministry of Power, Central Electricity Authority, Executive Summary: Power Sector 2014 *(various issues).*

China

National Bureau of Statistics of the People's Republic of China, *China Energy Statistical Yearbook 2000-2013; Statistical Communiqui of the People's Republic of China on the 2013 National Economic and Social Development; and Annual Industrial*

Statistical Report 2000-2013.

South Africa

Statistics South Africa, *Energy Accounts and Electricity Generated and Available for Distribution: January 2011 (Statistical Release P4141).*

Footnotes

Brasil

(1) Primary Energy Production: includes natural gas rejected and non-utilized.
(5) Total Consumption: includes sectorial final energy consumption; losses in transformation, distribution and storage; and energy sector final consumption.
(7) Energy Consumption per capita = total consumption/population.
(12) Electricity consumption per capita not includes energy consumption in energy sector and losses.

Russia

(2) In million tons of standard fuel (the volumes of natural fuels - oil, coal, gas, oil products etc., which have been recalculated for their own corresponding calorific coal equivalent into the volume of standard fuel).
(8) Tons of standard fuel.

India

Information pertains to Financial Year, (i.e., April of the year indicated in the table to March next year). Conversion factors have been used for providing data in Oil Equivalents.
(3) Primary Energy does not include thermal electricity.
(6) Includes Energy from coal, crude petroleum & natural gas & electricity (hydro, nuclear & thermal).
(13) (Gross Generation + Net Imports) / Mid Year Population. Figure for 2012 is provisional.
(14) Estimated from per capita consumption at the end of 8th and 9th Plan, i.e., March 1997 & March 2002.

China

(4) Electric power in total primary energy production and total consumption of energy are converted on the basis of equal caloric value.
(9) Energy consumption per capita is calculated by annual average population.

South Africa

(10) Physical energy flowing out of South Africa as measured by the metering system at the South African borders.
(11) Physical energy flowing into South Africa as measured by the metering system at the South African borders.

Table 10.1 - Summary of Agriculture, Forestry, Animal Husbandry and Fishery on BRICS Countries - 2000/2013

	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Area of cultivated land (million hectares)										
Brazil[1]	50	63	61	62	65	64	65	67	69	[2]67.8
Russia[3]	124	122	122	122	122	122	121	121	122	...
India[4]	156	155	155	156	156	155	156	...	...	...
China[5]	130	130	130	130	122	135	...	...	...	...
South Africa	...	...	...	...	...	...	...	12	...	...
Production of cereal (million tons)										
Brazil[6]	45	53	57	67	77	68	73	75	87	98
Russia	65	78	78	82	108	97	61	94	71	92
India[4]	186	195	203	216	220	203	226	242	239	[7]243
China	405	428	451	456	478	482	496	519	539	553
South Africa[8]	14	...	9	9	15	15	15	13	14	14
Production of meat (1000 tons)										
Brazil[9]	10326	16368	17349	18517	19472	19532	20749	21575	22036	[2]23.632
Russia[10]	4446	4990	5278	5790	6268	6719	7167	7519	8090	[11]8542
India[12][13]	1851	2312	2302	4009	4280	4566	4869	5514	...	...
China	60139	69389	70890	68657	72787	76497	79258	79651	83872	85350
South Africa[14]	1554	...	2097	2167	2236	2305	2460	2442	2477	2556
Catch of fish (1000 tons)										
Brazil[15]	667	751	779	783	791	825	785	...	...	...
Russia	3776	3212	3264	3417	3333	3728	...	...	...	...
India[12]	5655	6572	6869	7127	7616	7998	8231	8666	...	...
China	9377	9070	9240	9200	9511	9567	9870	10222	11618	11730
South Africa	...	...	...	...	...	...	...	...	...	...

Sources

Brazil

a) Brazilian Institute of Geography and Statistics - IBGE, Agricultural Municipal Production Survey; and Quarterly Animal Slaughter Survey.

b) Ministry of Fishery and Aquaculture, Fishery Data 2008-2010.

c) Brazilian Institute of Environment and Renewable Natural Resources - IBAMA, Fishery Data 2000-2007.

Russia

a) Federal State Statistics Service of the Russian Federation.

b) Federal Service of State Registration, Cadastre and Cartography.

India

a) Ministry of Agriculture, Directorate of Economics & Statistics, Area Production Yield Statistics Database; Land Use Statistics at a Glance; and Advance Estimates.

b) Ministry of Agriculture, Annual Reports of Department of Animal Husbandary, Dairying & Fisheries (2004-2005 & 2012-2013).

China

a) National Bureau of Statistics of the People's Republic of China, China Statistical Yearbook 2000-2013, and Statistical Communiqué of the People's Republic of China on the 2013 National Economic and Social Development.

b) Ministry of Land and Resources of the People's Republic of China.

South Africa

a) Statistics South Africa.

b) Department of Agriculture, Forestry and Fisheries.

Footnotes Brazil

(1) Harvested area.

(2) Provisional data.

(6) Major cereals (corn, rice and wheat).

(9) Major meat (beef, chicken and pork).

(15) Fishery data refers only to the marine and continental extractive fisheries.

Russia

(3) The data are produced and disseminated by the Federal Service of State Registration, Cadastre and Cartography. At the end of the year.

(10) Production of livestock and poultry for slaughter.

(11) Provisional data.

India

(4) The period of agricultural year is from July (of the year indicated in the table) to June (next year).

(7) As per Second Advance Estimates.

(12) The data pertains to Financial Year, i.e., April (of the year indicated in the table) to March (next year).

(13) Meat production from commercial poultry farm is included from 2007-08.

China

(5) Data of area of cultivated land of China between 2000 to 2007 is calculated according to the "Communique of Main Data on Land Use Survey" from the First National Agricultural Census of China in 1996. Data of 2008 is from the " Survey of change of land". Data of 2009 is from the "Communique of Main Data from the Second National Land Survey" (Released on 30 December 2013 by the Leading Group Office of the Second National Land Survey of the State Council).

(14) Preliminary data.

South Africa

(8) Major cereals (maize/corn, wheat, malting barley, sorghum).

(14) Major meat (beef and veal, mutton, goats, poultry)

Table 10.2.1 - Selected Data on Agriculture, Forestry, Animal Husbandry and Fishery - Brazil -2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013[1]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Harvested areas of farm crops (million hectares)									
Total	50.2	61.3	61.7	64.6	64.5	65.3	67.3	67.4	67.8
Structure of farm products area by main species (%)									
Soybean	27.2	35.9	33.3	32.9	33.7	35.7	35.6	37.1	41.1
Corn	23.7	20.6	22.3	22.4	21.2	19.8	19.6	21.1	22.6
Sugarcane	9.6	10.4	11.5	12.6	13.2	14.0	14.3	14.4	14.5
Beans	8.6	6.6	6.1	5.9	6.4	5.6	5.5	4.0	4.2
Rice	7.3	4.8	4.7	4.4	4.5	4.3	4.1	3.6	3.5
Coffee	2.3	2.5	3.0	3.7	3.8	3.3	3.2	3.1	3.0
Wheat	4.5	3.8	3.7	3.4	3.3	3.3	3.2	2.8	3.3
Cassava	3.4	3.1	3.1	2.9	2.7	2.8	2.6	2.5	2.2
Cotton	1.6	1.5	1.8	1.6	1.3	1.3	2.0	2.1	1.4
Orange	1.1	1.2	1.1	1.3	1.2	1.3	1.2	1.1	1.0
Cashew nuts	1.7	1.3	1.3	1.3	1.2	1.2	1.1	1.1	...
Sorghum	1.3	1.2	1.2	1.2	1.2	1.0	1.1	1.0	1.2
Cocoa	1.4	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Banana	1.0	0.8	0.8	0.8	0.7	0.8	0.7	0.7	...
Tobacco	0.6	0.8	0.7	0.7	0.7	0.7	0.7	0.6	...
Coconut	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	...
Oats	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.3	0.3
Sisal	0.4	0.2	0.3	0.2	0.2	0.4	0.4	0.4	...
Castor beans	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.1	0.1
Production of major farm products (1000 tons)									
Soybean	32821	52465	57857	59833	57345	68756	74815	65849	81700
Corn	32321	42662	52112	58933	50746	55395	55660	71073	80736
Sugarcane	326121	477411	549707	645300	672157	717462	734006	721077	738195
Beans	3056	3458	3169	3461	3487	3159	3435	2795	2944
Rice	11135	11527	11061	12061	12651	11236	13477	11550	11759
Coffee	3807	2573	2249	2797	2440	2906	2700	3038	2919
Wheat	1726	2485	4114	6027	5056	6171	5690	4418	5712
Cassava	23044	26639	26541	26703	24404	24524	25349	23045	21199
Cotton	2007	2899	4111	3983	2898	2950	5071	4969	3404
Orange	17064	18032	18685	18538	17618	18102	19811	18013	16311

(Contd.)

Table 10.2.1 - Selected Data on Agriculture, Forestry, Animal Husbandry and Fishery - Brazil -2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013[1]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Yield of major farm crops (kg/hectare)									
Soybean	2403	2380	2813	2816	2637	2947	3121	2637	2932
Corn	2718	3382	3785	4080	3715	4367	4210	5006	5257
Sugarcane	67878	75118	77632	79274	78860	79044	76448	74297	75102
Beans	705	857	837	915	850	923	935	1032	1037
Rice	3038	3880	3826	4231	4405	4127	4895	4786	5006
Coffee	1679	1113	993	1259	1143	1346	1256	1433	1432
Wheat	1516	1593	2220	2550	2080	2829	2660	2310	2585
Cassava	13482	14046	14010	14137	13861	13720	14622	13612	13909
Cotton	2504	3228	3653	3744	3570	3555	3608	3596	3625
Orange	19925	22375	22752	22159	22380	23331	24239	24689	22996
Fruits production (1000 tons) (2)	35098	41698	42795	42540	41412	42399	45369	42573	...
Number of livestock (1000 heads)									
Bovines	169876	205886	199752	202307	205308	209541	212815	211279	...
Chickens	659246	819894	930041	990993	1021215	1028151	1051990	1032039	...
Laying hens	183495	191622	197618	207712	208871	210761	216220	213230	...
Ovines	14785	16019	16239	16630	16812	17381	17668	16789	...
Swines	31562	35174	35945	36819	38045	39957	39307	38796	...
Production of meat (1000 tons)									
Beef	3900	6887	7049	6621	6662	6977	6784	7351	8167
Chicken	5082	8164	8988	10216	9940	10693	11422	11533	12346
Pork	1344	2298	2480	2636	2930	3079	3370	3150	3120
Milk (1000 tons)[3]									
Cow milk	19191	24658	25376	26782	28238	29820	31161	31364	...

Source:

Brazilian Institute of Geography and Statistics - IBGE, *Agricultural Municipal Production Survey; Municipal Cattle Breeding Survey; Quarterly Animal Slaughter Survey and Vegetal Extractive and Forestry Survey, 2000-2013.*

Footnotes:

(1) Provisional data.

(2) Fruits Production considers the following fruits: orange, banana, grape, pineapple, papaya, watermelon, apple, coconuts, passion fruit, mango, tangerine, lemon, melon, guava, peach, persimmon, avocado, cashew nuts, fig, pear, nut, quince.

(3) 1 kg corresponds to 1,03 litre.

Table 10.2.2 - Selected Data on Agriculture, Forestry, Animal Husbandry and Fishery - Russia -2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Indices of agricultural production and its components (%)(1)	106.2	103.0	103.3	110.8	101.4	88.7	123.0	95.2	(2)106.2
Volume indices of crops production at farms of all types (%)	110.9	100.3	102.3	118.0	98.6	76.2	146.9	88.3	(2)112.3
Volume indices of animal husbandry at farms of all types (%)	101.1	105.6	104.3	103.0	104.6	100.9	102.3	102.8	(2)100.5
Total sown or harvested areas of farm crops (million hectares)[3]	84.7	75.3	74.8	76.9	77.8	75.2	76.7	76.3	78.1
Structure of crops area by main species (%)									
Cereals and pulses	53.9	57.4	59.2	60.8	61.1	57.5	56.8	58.2	58.7
Including wheat	27.4	31.3	32.6	34.6	36.9	35.4	33.3	32.3	32.1
Tubers	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Oil-bearing crops	6.5	10.2	9.3	10.1	10.3	12.8	13.6	13.2	14.2
Including Rapeseeds	0.3	0.7	0.9	0.9	0.9	1.1	1.2	1.6	1.7
Sunflower seeds	5.5	8.2	7.1	8.0	8.0	9.5	9.9	8.6	9.3
Soybeans	0.5	1.1	1.0	1.0	1.1	1.6	1.6	1.9	2.0
Fiber crops	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Beetroots	1.0	1.3	1.4	1.1	1.1	1.5	1.7	1.5	1.2
Tobacco	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Potatoes	3.3	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.7
Vegetable other	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
Fodder crops	34.1	27.1	26.1	24.1	23.5	24.0	23.7	23.0	22.1
Production of major farm products (1000 tons)									
Cereal and pulses									
Total	65420	78227	81472	108179	97111	60960	94213	70908	92385
Wheat	34460	44927	49368	63765	61740	41508	56240	37720	52091
Nuts	7.9	5.0	7.3	7.9	9.5	9.4	10.1	10.8	12.8
Oil-bearing crops	4473	8218	7037	8972	8186	7457	13115	11313	14151
Rapeseeds	149	522	630	752	667	670	1056	1035	1393
Sunflower seeds	3919	6743	5671	7350	6454	5345	9697	7993	10554
Soybeans	342	805	650	746	944	1222	1756	1806	1636
Potatoes	29465	28260	27195	28846	31134	21141	32681	29533	30199
Beetroots	14051	30673	28836	28995	24892	22256	47643	45057	39321
Vegetable other	10822	11370	11509	12960	13402	12125	14696	14626	14689
Tobacco	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fruits[4]	2961	2169	2811	2661	3057	2464	2917	2920	3368

(Contd.)

Table 10.2.2 - Selected Data on Agriculture, Forestry, Animal Husbandry and Fishery - Russia -2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Yield of major farm crops (kg/hectare)									
Cereal and pulses									
Total	1560	1890	1980	2380	2270	1830	2240	1830	2200
Wheat	1610	1950	2100	2450	2320	1910	2260	1770	2230
Nuts[5]	800	660	910	1220	1490	1470	1550	2030	2340
Oil-bearing crops	890	1120	1100	1200	1150	990	1330	1220	1430
Rapeseeds	860	1160	1180	1200	1200	1100	1260	1060	1250
Sunflower seeds	900	1140	1130	1230	1150	960	1340	1300	1550
Soybeans	1010	990	920	1050	1190	1180	1480	1310	1360
Potatoes	10470	13330	13200	13750	14270	10020	14840	13440	14460
Beetroots	18830	32540	29200	36240	32320	24070	39170	40890	44210
Vegetables other	14330	17260	17880	19620	19920	18030	20810	21090	21390
Tobacco	750	660	3020	2450	2800	1070	1290	3000	
Fruits[4][5]	4280	4395	5840	5510	6380	5195	6200	6840	7970
Fruits production, by species (1000 tons)									
Seedlings	1519	987	1341	1178	1509	1036	1258	1470	1647
Stone fruits	466	223	415	480	496	431	496	472	515
Subtropical cultures	0.7	2.2	1.6	1.8	1.9	2.3	2.1	0.9	1.2
Citrus cultures	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Berrying grounds	696	723	739	733	752	670	749	710	765
Vineyards	279	234	315	268	299	324	412	267	439
Number of livestock by species (year-end)									
Cattle (1000 heads)	27520	21562	21546	21038	20671	19968	20134	19981	514
Pigs (1000 heads)	15824	16185	16340	16162	17231	17218	17258	18816	186
Muttons and goats (1000 heads)	14962	20194	21503	21770	21986	21820	22858	24180[2]	23849
Production of meat (1000 tons) (6)	4446	5278	5790	6268	6719	7167	7519	8090[2]	8542
Production of milk (1000 tons)	32259	31339	31988	32363	32570	31847	31646	31831[2]	30661
Cow milk	32000	31186	31915	32117	32326	31585	31386	31576	...
Poultry eggs (mln. pieces)	34085	38216	38208	38058	39429	40599	41113	42033	278
Catch of fish (1000 tons)	3776	3264	3417	3333	3728	...	...	...	...
Ownership of tractors in agriculture at year-end (1000 unit) (7)	747	440	406	364	330	310	293	276	...
Ownership of harvester in agriculture at year-end (1000 unit) (8)	288	161	146	130	116	109	103	97	...
Consumption of chemical fertilizers (kg/hectare) (9)	19	27	32	36	36	38	39	38	38
Removals of round wood (mln. dense cu.m)	94.8	118	134	108	97.1	118	123	120	114
Total production of fruits and vegetables (mln. tons)	14	14	14	16	17	15	18	18	18

Source: Federal State Statistics Service of the Russian Federation.

Footnotes: (1) Preceding year = 100
(2) Provisional data.
(3) Total Sown Area.
(4) Fruits (excluding nuts), berries and grapes.
(5) Before 2012 yield is given per 1 hectare of plants in fruit-bearing age; for 2012 - 2013 - per 1 ha harvested area.
(6) Livestock and poultry for slaughter.
(7) Availability of tractors in agricultural organisations (excluding tractors with mounted digging, ameliorative and other machines), since 2008 excluding micro enterprises.
(8) Availability of harvesters and beet harvesting machines (excluding plant top gathering machines), since 2008 excluding micro enterprises.
(9) Mineral fertilizers used per 1 ha of crops in agricultural organisations, since 2008-excluding data on micro enterprises.

Table 10.2.3 - Selected Data on Agriculture, Forestry, Animal Husbandry and Fishery - India -2000/2013

	2000	2003	2006	2007	2008	2009	2010	2011	2012	2013[1]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
All index numbers of production of principal crops (%)[2][3]	97.6	...	101.7	102.5	93.6	98.7	116.1	105.1	96.3	...
Cereals	97.9	...	113.6	106.4	101.8	92.5	111.2	107.1	97.8	...
Total food grains	97.3	...	60.8	106.2	101.6	93.0	112.1	106.1	98.5	...
Non-food grains	98.4	...	114.3	100.9	90.0	101.5	117.9	104.7	95.3	...
Fruits and vegetables	100.5	...	126.4	113.8	101.8	103.9	107.9	105.1	104.6	...
Planting structure of farm crops by main species[3]										
Total cropped area (million hectares)	185	...	192	195	195	189	199	...	...	...
Total cereals (%)	54.3	...	52.2	51.5	51.6	51.9	50.4	...	...	...
Rice	24.1	...	22.8	22.5	23.3	22.2	21.5	...	...	...
Wheat	13.9	...	14.5	14.4	14.2	15.1	14.6	...	...	...
Corn (maize)	3.6	...	4.1	4.2	4.2	4.4	4.3	...	...	...
Soybeans	3.5	...	4.3	4.6	4.9	5.2	4.8	...	...	...
Oil-bearing crops	12.6	...	13.8	13.7	14.1	13.7	13.7	...	...	...
Peanuts (groundnut)	3.6	...	2.9	3.2	3.2	2.9	2.9	...	...	...
Rapeseeds and mustard	2.4	...	3.5	3	3.2	3.0	3.5	...	...	...
Sesame	0.9	...	0.9	0.9	0.9	1.0	1.0	...	...	...
Cotton	4.6	...	4.7	4.8	4.8	5.4	5.6	...	...	...
Other fiber crops	0.5	...	0.5	0.5	0.5	0.5	0.4	...	...	...
Sugarcane	2.3	...	2.7	2.6	2.3	2.2	2.5	...	...	...
Sweet potato	0.1	...	0.1	0.1	0.1	0.1	0.1	...	...	...
Tobacco	0.2	...	0.2	0.2	0.2	0.2	0.2	...	...	...
Tea	0.3	...	0.3	0.3	0.3	0.3	0.3	...	...	...
Vegetables	3.4	...	3.9	4	4.1	4.2	4.5	...	...	...
Fruits	2.1	...	2.9	3	3.1	3.3	3.4	...	...	...
Production of major farm products[3]										
Cereal (1000 tons)	185738	...	203085	216014	219900	203446	226251	242234	238790	243430
Cotton (1000 bales)	9520	...	22632	25884	22276	24022	33000	35200	34220	35602
Peanuts (groundnut) (1000 tons)	6410	...	4864	9183	7168	5429	8265	6964	4695	9140
Rapeseeds and mustard (1000 tons)	4190	...	7438	5834	7201	6608	8179	6604	8029	8251
Sesame (1000 tons)	520	...	618	757	640	588	893	810	685	672
Potatoes (1000 tons)	22143	...	22181	34658	34391	36577	42339	41483	45344	
Sugarcane (1000 tons)	295960	...	355520	348188	285029	292302	342382	361037	341200	345923
Tobacco (1000 tons)	488	...	469	437	569	688	884	823		
Fruits (1000 tons)	43138	...	59563	65587	68466	71516	74878	76424	81285	

(Contd.)

Table 10.2.3 - Selected Data on Agriculture, Forestry, Animal Husbandry and Fishery - India -2000/2013

	2000	2003	2006	2007	2008	2009	2010	2011	2012	2013[1]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Yield of major farm crops (100 kg/hectare)[3]										
Cereal	18.4	...	20.2	21.5	21.8	20.8	22.6	24.2	24.5	...
Cotton	1.9	...	4.2	4.7	4.0	4.0	5.0	4.9	4.9	...
Peanuts (groundnut)	9.8	...	8.7	14.6	11.6	9.9	14.1	13.2	10.0	...
Rapeseeds and mustard	9.4	...	11.0	10.0	11.4	11.8	11.9	11.2	12.6	...
Sesame	3	...	3.6	4.2	3.5	3.0	4.3	4.3	4.0	...
Potatoes	182.8	...	149	193	188	199	227	218	228	...
Sugarcane	685.8	...	690.2	688.8	645.5	700.2	700.9	716.7	682.5	...
Tobacco	17	...	14.1	14.2	14.6	15.6	17.9	17.7		...
Livestock products[4]										
Production of meat (1000 tons)[5]	1900	...	2302	4009	4280	4566	4869	5514		...
Milk (1000 tons)[6]	79651	...	99348	107933	112183	116425	121847	127904		...
Cow milk (1000 tons)	32957	...	41148	46822	49810	52200	54903	57770		...
Poultry eggs (million)[7]	36632	...	50663	53565	55562	60244	63024	66450		...
Fish production (1000 tons)	5655	...	6869	7127	7616	7998	8231	8666		...
Consumption of chemical fertilizers[3]										
Total (N+P+K) (1000 tons)	16702	...	21651	22570	24909	26486	28122	27740	25536	...
Nitrogenous (N) (1000 tons)	10920	...	13773	14419	15090	15580	16558	17300	16821	...
Phosphatic (P) (1000 tons)	4215	...	5543	5515	6506	7274	8050	7914	6653	...
Potassic (K) (1000 tons)	1567	...	2335	2636	3313	3632	3514	2526	2062	...
Per hectare (kg)	90	...	112	117	129	140	146	144	128	...
Number of livestock[8]										
Cattle (1000 heads)	...	185181	...	199075	...	...	...	...	...	
Buffaloes (1000 heads)	...	97922	...	105343	...	...	...	...	...	...
Sheep and goats (1000 heads)	...	185827	...	212095	...	...	...	...	...	...
Total livestock (1000 heads)	...	485002	...	529698	...	...	...	...	...	...
Total poultry (1000 heads)	...	489012	...	648830	...	...	...	...	...	...

Sources:
a) Ministry of Agriculture, Directorate of Economics & Statistics Publications - (Agricultural Statistics at a Glance 2013, Pocket Book of Agricultural Statistics; *Land Use Statistics at a Glance; Area Production Yield Statistics Database; and Advance Estimates).*
b) Ministry of Agriculture, *Annual Reports of Department of Animal Husbandary, Dairying & Fisheries (2004-2005, 2009-2010 & 2012-2013).*
c) Ministry of Agriculture, *Indian Horticulture Database.*

Footnotes:
(1) Information for 2013 is as per second advance estimate.
(2) Preceding year = 100.
(3) The period of agricultural year is from July (of the year indicated in the table) to June (next year).
(4) Data in livestock products pertains to Financial Year, i.e., April (of the year indicated in the table) to March (next year).
(5) Meat production from commercial poultry farm is included from 2007-08 onwards.
(6) Milk Includes cow, buffalo and goat milk.
(7) Poultry eggs include eggs from fowls & ducks.
(8) Number of livestock is produced from Livestock Census which is conducted at a gap of five years. Information from Last two census (2003 & 2007, Reference Date 15th October) has been included.

Table 10.2.4 - Selected Data on Agriculture, Forestry, Animal Husbandry and Fishery - China -2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Indices of agricultural gross output and its components[(1)(2)]									
All (%)	103.6	105.4	103.9	105.7	104.6	104.4	104.5	104.9	104.0
Crop Products (%)	101.4	105.4	104.0	104.8	103.8	104.1	105.6	104.4	104.4
Forestry Products (%)	105.4	105.6	106.9	108.1	107.1	106.5	107.6	106.7	107.3
Livestock Products (%)	106.3	105.0	102.3	106.8	105.8	104.1	101.7	105.2	102.0
Fishery Products (%)	106.5	106.0	104.8	106.0	105.8	105.5	104.5	105.1	105.2
Sown or harvested areas of farm crops (million hectares)									
Total	156.3	152.1	153.5	156.3	158.6	160.7	162.3	163.7	164.6
Planting structure of farm crops by main species (%)									
Rice	19.2	19.0	18.8	18.7	18.7	18.6	18.5	18.4	18.4
Wheat	17.1	15.5	15.5	15.1	15.3	15.1	15.0	14.9	14.6
Corn	14.8	18.7	19.2	19.1	19.7	20.2	20.7	21.4	22.1
Soybeans	6.0	6.1	5.7	5.8	5.8	5.3	4.9	4.4	4.1
Tubers	6.7	5.2	5.3	5.4	5.4	5.4	5.5	5.4	5.4
Oil-bearing crops	9.9	7.7	7.4	8.2	8.6	8.6	8.5	8.5	8.5
Peanuts	3.1	2.6	2.6	2.7	2.8	2.8	2.8	2.9	2.8
Rapeseeds	4.8	3.9	3.7	4.2	4.6	4.6	4.5	8.5	8.5
Sesame	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Cotton	2.6	3.8	3.9	3.7	3.1	3.0	3.1	2.9	2.6
Jute and jute-like fibers	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Sugar crops	1.0	1.0	1.2	1.3	1.2	1.2	1.2	1.2	1.2
Sugarcane	0.8	0.9	1.0	1.1	1.1	1.0	1.1	1.1	1.1
Beetroots	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1
Tobacco	0.9	0.8	0.8	0.8	0.9	0.8	0.9	1.0	1.0
Vegetables	9.7	10.9	11.3	11.4	11.6	11.8	12.1	12.5	12.7
Other	12.1	11.0	10.9	10.2	9.6	9.7	9.6	9.3	9.2
Production of major farm products (1000 tons)									
Cereal	405224	450992	456324	478474	481563	496371	519394	539347	552692
Cotton	4417	7533	7624	7492	6377	5961	6589	6836	6299
Peanuts	14437	12887	13027	14286	14708	15644	16046	16692	16972
Rapeseeds	11381	10966	10573	12102	13657	13082	13426	14007	14458
Sesame	811	662	557	586	622	587	605	639	623
Potatoes	13255	12897	12958	14156	14646	16307	17658	18552	19188
Sugarcane	68280	97092	112951	124152	115587	110789	114434	123114	128201
Beetroots	8073	7508	8931	10044	7179	9296	10731	11740	9260
Tobacco	2552	2456	2395	2838	3066	3004	3132	3407	3374
Tea	683	1028	1165	1258	1359	1475	1623	1790	1924
Fruits	124357	171020	181363	192202	203955	214014	227682	240568	250930
Top five area of fruits (1000 hectares)									
Citrus	1272	1815	1941	2031	2160	2211	2288	2306	2422
Apples	2254	1899	1962	1992	2049	2140	2177	2231	2272
Pears	1015	1087	1071	1074	1074	1063	1086	1089	1112
Grapes	283	419	438	451	493	552	597	666	715
Bananas	249	286	307	318	339	357	386	395	392

(Contd.)

Table 10.2.4 - Selected Data on Agriculture, Forestry, Animal Husbandry and Fishery - China -2000/2013 (Concld.)

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Top five production of fruits (1000 tons)									
Apples	20431	26059	27860	29847	31681	33263	35985	38491	39683
Citrus	8783	17898	20583	23313	25211	26452	29440	31678	33209
Pears	8412	11986	12895	13538	14263	15057	15795	17073	17301
Bananas	4941	6901	7797	7835	8834	9561	10400	11558	12075
Grapes	3282	6271	6697	7151	7941	8549	9067	10543	11550
Top three production of spices (1000 tons)									
Prickly ash seeds	...	161	194	245	264	251	242	185	259
Aniseed	...	88	96	101	107	117	122	136	143
Cinnamon	...	88	88	68	64	76	...	...	...
Yield of major farm crops (kg/hectare)									
Cereal	4752.6	5310.1	5319.9	5547.7	5447.5	5524.4	5706.6	5823.7	5894.2
Cotton	1093.1	1295.3	1286.4	1302.0	1288.6	1229.4	1307.9	1458.1	1449.5
Peanuts	2973.3	3257.7	3302.4	3364.8	3360.6	3455.5	3502.5	3598.5	3663.3
Rapeseeds	1518.6	1832.6	1873.8	1835.3	1876.5	1775.1	1827.3	1884.8	1922.8
Sesame	1034.2	1173.0	1147.0	1243.2	1306.8	1312.1	1385.3	1463.2	1490.0
Potatoes	2806.4	3062.5	2924.9	3035.5	2882.6	3132.8	3255.6	3353.7	3553.9
Sugarcane	57626.1	70450.2	71228.2	71209.7	68093.4	65700.0	66485.1	68600.3	70576.2
Beetroots	24518.0	39766.9	41359.8	40754.4	38536.2	42498.1	47361.1	49792.8	50922.4
Tobacco	1775.9	2065.7	2058.3	2140.4	2203.2	2233.9	2143.4	2133.7	2078.8
Number of livestock at year-end (1000 heads)									
Hogs	416336	418504	439895	462913	469960	464600	468627	475922	474113
Cattle	123532	104651	105948	105760	107265	106264	103605	103434	103851
Sheep and goats	279482	283698	285647	280849	284522	280879	282358	285041	290363
Production of meat (1000 tons)	60139	70890	68657	72787	76497	79258	79651	83872	85350
Milk (1000 tons)	**9191**	**33025**	**36334**	**37315**	**36777**	**37480**	**38107**	**38754**	**36495**
Cow Milk	8274	31934	35252	35558	35188	35756	36578	37436	35314
Poultry eggs (1000 tons)	21820	24240	25290	27022	27425	27627	28114	28612	28761
Catch of fish (1000 tons)		9240	9200	9511	9567	9870	10222	11618	11730
Ownership of tractors and harvester-threshers in agriculture at year-end (1000 units)[3]	13881	17963	18888	20963	21883	22772	23633	24500	...
Consumption of Chemical fertilizers (kg/hectare)	265.3	323.9	332.8	335.3	340.7	346.1	351.5	357.4	357.3

Sources:

National Bureau of Statistics of the People's Republic of China, China Rural Statistical Yearbook 2000-2013; China Statistical Yearbook 2000-2013; and Statistical Communique of the People's Republic of China on the 2013 National Economic and Social Development.

Footnotes:

(1) Data of indices of agricultural gross output prior to 2003 are calculated at 1990 prices. The new classification for national standard of industry classification has been implemented since 2003 and the gross output value includes the services in support of agriculture, forestry, animal husbandry and fishery.

(2) Preceding year = 100.

(3) Ownership of Tractors and Harvester-Threshers Agriculture at Year-End includes large, medium and small-sized tractors, harvesters and threshers are not included.

Table 10.2.5 - Selected Data on Agriculture, Forestry, Animal Husbandry and Fishery - South Africa -2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Crop products (%)									
Grain	...	100.1	99.8	...	100.2	100.0	...	...	...
Forestry products	...	99.7	100.3	...	99.8	100.0	...	...	...
Livestock products	...	100.2	99.9	...	100.1	100.0	...	...	...
Production of major farm products (1000 tons)									
Cereal									
Maize/corn	11001	6618	7125	12700	12050	12815	10360	12121	11691
Wheat	2349	2105	1905	2130	1958	1430	2005	1870	1795
Malting barley	142	236	222	192	216	194	312	298	264
Sorghum	352	96	176	255	277	197	155	136	151
Sunflower seed	531	520	300	872	801	490	860	522	557
Soybeans	154	424	205	282	516	566	710	650	784
Cotton	70	39	29	26	23	21	46	32	14
Peanuts	114	74	58	89	100	88	64	59	42
Dry beans	72	67	40	59	67	52	42	48	60
Sugarcane	21223	21052	20278	19724	19255	18655	16016	16800	17278
Tobacco	30	15	13	9	10	12	15	17	16
Garden fruits									
Bananas	378	343	346	393	371	400	385	387	419
Apples	602	633	708	778	818	724	781	796	924
Citrus	1712	2087	2170	2282	2154	2150	2339	2341	2427
Pears	304	315	336	337	340	368	351	339	365
Grapes	210	295	262	272	296	270	348	272	254
Pineapples	168	164	146	125	123	94	109	99	97
Yield of major farm crops (kg/hectare)									
Cereal									
Maize/corn	3210	4140	2790	4540	4960	4670	4370	4490	4200
Wheat	2510	2750	3010	2850	3050	2560	3320	3660	3550
Malting barley	1830	2630	3030	2810	2890	2350	3890	3510	3240
Sorghum	2480	2580	2550	2940	3230	2270	2240	2790	2410
Sunflower seed	1340	1100	950	1550	1550	1260	1230	1340	1150
Soybeans	1640	1760	1120	1700	2170	1820	1700	1380	1520
Cotton	1368	2180	2825	2927	3245	4085	3563	3514	2112
Peanuts	1370	1520	1420	1640	1820	1530	1170	1300	900
Dry beans	1000	1230	780	1350	1530	1180	1000	1200	1380
Potatoes	1967	1857	1917	...	1867	2090	...	...	...
Sugarcane	50291	49187	48281	46629	49499	48835	42598	45776	46446
Tobacco	1904	2483	2133	2676	2639	3075	2777	3207	
Production of meat (1000 tons)									
Beef and veal	581	804	794	765	771	848	834	845	839
Mutton	95	108	141	134	137	132	122	134	134
Goats	7	9	9	9	9	9	9	9	9
Poultry	870	1176	1223	1328	1388	1472	1477	1489	1573
Milk (1000 tons)									
Cow milk	2689	3044	3066	3137	3104	3233	3126	3368	3250
Poultry eggs (1000 tons)	329	412	438	473	450	472	511	535	528

Sources: a) Statistics South Africa
b) Department of Agriculture, Forestry and Fisheries.

Footnotes:
Data on commercial agriculture.

Explanatory Notes

General

Cultivated Area: This Consists of net area sown and current fallows.

Average Yield of Crops: Average yields per hectare of principal crops have been obtained by dividing the total production by the corresponding total area under each crop.

Brazil

Fruits Production considers the following fruits: orange, banana, grape, pineapple, papaya, watermelon, apple, coconuts, passion fruit, mango, tangerine, lemon, melon, guava, peach, persimmon, avocado, cashew nuts, fig, pear, nut, quince.

Cultivated area includes only harvested area.

Russia

Agricultural production is the sum of crop-growing and animal husbandry outputs of all agricultural producers including enterprises of private sector (household enterprises, peasant (farm) enterprises and individual employers in value terms at actual current prices. To calculate agricultural production index the indicator of production volume at comparable prices of previous year is used.

India

Ministry of Agriculture is the nodal agency for collection, compilation & dissemination of agriculture statistics in India.

Directorate of Economics & Statistics in Department of Agriculture & Cooperation, Ministry of Agriculture is the agency primarily involved with Crop statistics and the reporting period for the same is agricultural year, i.e., July to June next year whereas Department of Animal Husbandry, Dairying & Fisheries, Ministry of Agriculture produces & disseminates information on livestock with Financial Year as the reporting period, (i.e., April- March next year)

Cultivated Area consists of Net Area sown and current fallows.

China

Indices of agricultural gross output: The development rates of agricultural gross output value deflated by using producers prices indices.

Table 11.1 - Summary of Transport on BRICS Countries - 2000/2013

	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Length of railways in operation (1000 km)										
Brazil	29	29	29	29	31	30	28	29	29	30
Russia	86	85	85	85	86	86	86	86	86	86
India[1]	63	64	63	63	63	64	64	65	65	...
china	69	75	77	78	80	86	91	93	98	...
South Africa	21	21	21	21	21	21	21	...	...	...
Length of highways (1000 km)										
Brazil	1579.0	1610.0	1603.0	1765.0	1736.0	1712.0	1712.0	1712.0	1713.0	1691.0
Russia[2]	532.0	531.0	597.0	624.0	629.0	647.0	665.0	728.0	925.0	987.0
India[1]	190.0	210.0	215.0	219.0	221.0	229.0	231.0	235.0	241.0	...
China	1679.8	3345.2	3457.0	3583.7	3730.2	3860.8	4008.2	4106.4	4237.5	...
South Africa										
Length of petroleum pipelines (1000 km)										
Brazil	...	7	7	7	7	7	8	8	8	9
Russia	48	50	50	50	49	49	49	51	55	55
India[1]	16	20	22	25	26	30	32	33	36	38
China	25	44	48	54	58	69	78	83	90	...
South Africa	3	3	3	3	3	3	3			
Passenger traffic (all means) (billion passengers-km)										
Brazil	...	...	...	...	...	...	...	...	...	...
Russia	496	473	477	497	512	464	484	503	533	...
India	...	...	...	...	...	...	...	...	...	...
China	1226	1747	1920	2159	2320	2483	2789	3098	3338	[3]3604
South Africa										
Freight traffic (all means) (billion tons-km)										
Brazil	...	...	...	...	...	...	...	...	...	...
Russia	3638	4676	4801	4915	4948	4446	4752	4915	5056	5083
India	...	...	...	...	...	...	...	...	...	...
China[4]	4432	8026	8884	10142	11030	12213	14184	15932	17377	[3]18648
South Africa	...	...	...	...	...	...	...	...	...	...
Passenger traffic by air (million persons-km)										
Brazil	48000	59000	57000	61000	69000	76000	94000	108000	113000	116000
Russia	53410	85774	93932	111002	122601	112469	147119	166760	195775*f*	...
India[5]	26212	51567	63880	77850	78440	89442	103171	112794	99971	...
China	97054	204493	237066	279173	288280	337524	403900	453696	502574	[3]565849
South Africa	...	...	...	...	...	...	...	...	...	...

Sources:

Brazil

a) National Terrestrial Transport Agency - ANTT.

b) National Civil Aviation Agency - ANAC.

c) National Department of Transport Infrastructure, *National Transportation System 2013.*

d) National Petroleum, Natural Gas and Biofuels National Agency - ANP.

Russia

a) Federal State Statistics Service of the Russian Federation.

b) Federal Road Agency.

India

a) Ministry of Railways, Indian Railways *Annual Statistical Statements 2011-2012.*

b) Ministry of Road Transport & Highways, *Basic Road Statistics of India (various issues).*

c) Ministry of Petroleum & Natural Gas, *Indian Petroleum & Natural Gas Statistics 2012-2013.*

d) Ministry of Civil Aviation, Directorate General of Civil Aviation, *Air Transport Statistics* (various issues).

China

a) Ministry of Transport of the People's Republic of China, *Annual Statistical Reports 2000-2013.*

b) Civil Aviation Administration of China, *Annual Statistical Reports 2000-2013.*

c) China Railway Corporation, *Annual Statistical Reports 2012-2013.*

d) China National Petroleum Corporation, *Annual Statistical Reports 2000-2013.*

e) China National Offshore Oil Corporation, *Annual Statistical Reports 2013.*

f) National Bureau of Statistics of the People's Republic of China, *China Statistical Yearbooks 2000-2013 and Statistical Communiqué of the People's Republic of China on the 2013 National Economic and Social Development.*

g) China Petroleum and Chemical Corporation, *Annual Statistical Reports 2000-2013.*

South Africa:

Transnet.

Footnotes:

Russia

(2) Length of public paved roads in operation (including highways). At the end of the year.

India

(1) Highways includes both National and State Highways only (Excluding Rural Roads, Project Roads, Urban Roads, etc.,) & the information is as on 31st March of the Year indicated in the table except for 2000 where it is as on 31st March 2001.

(5) Reference Period is Financial Year, i.e., (April of the Year indicated in the Table to March next year).

China

(4) Since 2013, the statistical coverage of pipeline transport has included China National Offshore Oil Corporation on the basis of China National Petroleum Corporation and China Petroleum & Chemical Corporation.

(3) Preliminary data.

Table 12.1 - Summary of Information Society on BRICS Countries -2000/2013

	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Main telephone lines per 1000 inhabitants										
Brazil	186	215	207	207	214	216	217	220	225	225
Russia	226	299	309	317	319	318	314	309	301	290
India[(1)(2)]	26	45	36	34	33	32	30	27	25	23
China[(3)(4)]	124	270	281	278	258	236	221	213	206	197
South Africa[(5)]	...	215	199	184	181	169	167	...	...	...
Number of subscribers of cellular mobile telephones per 1000 inhabitants										
Brazil	140	466	532	636	781	905	1047	1239	1339	1364
Russia[(6)]	22	863	1081	1199	1398	1614	1664	1790	1827	1937
India[(1)(2)]	2	70	135	204	300	447	632	742	708	717
China[(4)]	67	303	353	416	485	563	644	736	825	908
South Africa[(7)]	...	615	677	735	773	832	865	...	...	...
Number of personal computers per 1000 inhabitants										
Brazil	...	...	...	...	...	...	...	...	...	...
Russia	64	121	161	218	268	365	437	...	...	...
India	...	...	...	...	...	...	...	...	...	...
China[(4)(8)]	...	...	...	...	...	...	...	...	...	160
Urban	31	140	160	185	204	227	247	285	304	
Rural	1	5	7	9	13	19	26	46	55	
South Africa[(9)(10)]	...	123	...	...	...	...	...	...	...	...
Number of Internet users per 1000 inhabitants										
Brazil	...	209	...	...	348	417	...	465	492	...
Russia	20	152	180	247	268	290	430	490	533	...
India[(2)(11)]	5	24	28	40	44	51	75	101	126	172
China	18	85	105	160	226	289	343	383	421	458
South Africa[(10)(12)]	...	6	...	...	...	88	101	...	...	...
Number of daily newspapers										
Brazil	...	...	...	...	...	...	...	...	...	...
Russia[(13)]	946	769	805	774	787	793	770	789	749	...
India[(14)]	5364	6530	6800	7131	7710	8475	9355	10205	10908	12109
China[(15)]	2007	1931	1938	1938	1943	1937	1939	1928	1918	...
South Africa	...	...	...	...	...	...	...	...	...	...

Sources:

Brazil

a) National Telecommunication Agency - ANATEL.
b) Brazilian Institute of Geography and Statistics - IBGE, *National Household Sample Survey 2005/2012.*

Russia

a) Ministry of Communication and Mass Media of the Russian Federation.
b) Federal State Statistics Service of the Russian Federation.
c) World Bank.

India

a) Telecom Regulatory Authority of India, *Indian Telecom Services Performance Indicator Report* (various issues).
b) Ministry of Information and Broadcasting, Office of the Registrar of Newspapers for India, *Press in India* (various issues).
c) International Telecommunication Union.

China

a) Ministry of Industry and Information Technology of the People's Republic of China.
b) National Bureau of Statistics of the People's Republic of China, *Integrated Household Survey in Urban and Rural Areas of China 2013; Urban Household Survey in China 2000-2012 ; and Rural Household Survey in China 2000-2012.*
c) State Administration of Press, Publication, Radio, Film and Television of the People's Republic of China, *Annual Statistical Report 2010-2012.*

South Africa

General Household Survey 2002-2010 .

Footnotes:

Russia

(6) Number of user's devices of mobile radiotelephone (cellular) communication.
(13) Newspapers issued 3 and more times per week (number of titles).

India

(1) Data is as on 31st December of the year indicated in the table (except for 2000 where it is Financial Year end, i.e., 31st March 2001). Information for main telephone line pertains to wireline whereas that for cellular mobile telephone pertains to wireless subscription in case of India.
(2) Mid Year population estimates have been used for arriving at figures per 1000 inhabitants.
(11) Information for 2000-2012 is as per ITU database whereas data for 2013 is as provided by Telecom Regulatory Authority of India and is as on 30th September 2013.
(14) Data relates to 31st March of the year indicated in the table except for 2000 where the same is as on 31st December 2000.

China

(3) PHS subscribers are also included in those of the main telephone lines.
(4) Preliminary data.
(8) In the fourth quarter of 2012, National Bureau of Statistics of the People's Republic of China conducted the integrated survey of urban and rural households, unifying the names, classification and statistical standards of urban and rural households. On its basis, we got the ownership data of resident in China, including the number of colour TV sets, cars and personal computers, etc.
(15) Kinds of newspapers.

South Africa

Household based question

(5) Does the household have access to a telephone line in the dwelling or household?
(7) Does the household have access to a cell phone in the dwelling or household?
(9) Does the household have access to a computer in the dwelling or household? Question was only asked once, in 2005.
(10) Does the household have access to an internet connection in the dwelling or household? Question was asked in 2005, and then again in
(12) Not access to outside sources, just whether they have access in the household.

Table 13.1 - Summary of Finance on BRICS Countries - 2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Share of deficit (-)/surplus of general government to GDP(%)									
Brazil[1][2]	-3.8	-3.5	-2.3	-2.4	-3.3	-2.9	-3.1	-3.0	-3.9
Russia[3]	1.4	7.4	5.4	4.1	-6.0	-3.9	0.8	-0.1	-0.5
India[4][5]	-6.6	-1.3	-0.2	-4.3	-5.7	-3.2	-4.3	-3.0	...
China	-2.5	-0.8	0.6	-0.4	-2.3	-1.7	-1.1	-1.7	-1.9
South Africa[6]	-1.0	0.7	1.1	1.5	-0.6	-4.8	-3.7	...	...
Share of income tax to revenue (%)									
Brazil[7]	18.7	19.4	20.5	19.9					
Russia[3]	8.3	8.8	9.5	10.4	12.2	11.2	9.6	9.6	10.4
India[4][5]	11.0	20.4	23.2	21.3	20.5	20.7	19.2	19.7	...
China	12.4	24.5	23.3	24.3	22.6	21.3	22.0	21.7	22.4
South Africa[6]	42.3	40.8	43.3	44.4	46.6	43.9	41.3	...	...
M2 supply (year-end) (million US$)									
Brazil[8]	155150	303900	401088	584063	585732	774085	966092	902770	904174
Russia[9]	40859	340703	524196	441658	504881	656558	760345	902384	961565
India[4][10]	84136	215265	288781	274935	315253	359781	361414	351852	330331
China[11]	1626042	4425879	5523125	6952369	8878255	10960059	13517316	15498350	18148717
South Africa[6]	62156	164298	204485	167852	215443	253282	221077	220161	...

Sources:
Brazil a) Central Bank of Brazil.
b) National Treasury Secretariat.

Russia a) Federal State Statistics Service of the Russian Federation.
b) Federal Treasury.
c) Bank of Russia.

India a) Ministry of Finance, *Union Budget* (various issues).
b) Ministry of Statistics and Programme Implementation, Central Statistics Office, *Statistical Year Book 2014*.
c) Reserve Bank of India, *Bulletin on Money Stock Measures* (various issues).

China a) Ministry of Finance of the People's Republic of China.
b) The People's Bank of China.
c) National Bureau of Statistics of the People's Republic of China.

South Africa
South African Reserve Bank.

Footnotes
Brazil (1) The general government includes federal government, state governments, and local governments, and excludes Central Bank of Brazil and public enterprises.
(2) Nominal result.
(7) Total tax revenue corresponds to the fiscal load.
(8) The Annual average exchange rates used is available in Tables 13.2.1 and 14.1.

Russia (3) The calculation carried out on the basis of data of the Federal Treasury, 2013 - according to preliminary data.
(9) The calculation according to the data of Bank of Russia. 2013 - preliminary data.

India (4) For all Information reference year is Financial Year, (i.e., April of the year indicated in the table to March next year).
(5) The data relates to General Government, i.e., Central Government & State Government combined. GDP is at current market price. Income tax is collected by Central Government only. Information since 2011 is provisional.
(10) Includes Currency with public, deposit money of the public and post office saving bank deposit. Average annual exchange rate for the financial year has been used for currency conversion.

China (11) M2 is calculated using the year-end exchange rates released by State Administration of Foreign Exchange.

South Africa (6) Fiscal year: year begins on 01 April to 31 March of the following year. M2 comprises:
* notes and coins in circulation outside monetary sector.
* cheque and transmission deposits.
* other demand, short & medium term deposits up to 6 months.

Table 13.2.1 - Selected Data on Finance - Brazil-2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Expenditure (million R$)[1]	315421	797835	838504	969130	1136855	1115572	1179629	1519572	1440397
Structure of expenditure of consolidated budget (%)									
General public services	5.3	4.0	4.4	4.2	3.9	4.5	4.2	3.5	3.8
Foreign affairs	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1
National defense	3.4	2.1	2.3	2.3	2.3	2.9	2.7	2.4	2.6
Public security	0.7	0.4	0.6	0.6	0.6	0.8	0.6	0.5	0.6
Education	3.4	2.2	2.6	2.6	2.9	3.9	4.5	4.3	5.3
Science and technology	0.4	0.5	0.5	0.5	0.5	0.7	0.6	0.5	0.7
Culture, sport and media	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3
Social safety net and employment effort	33.0	31.4	33.2	31.9	31	35.5	37.4	32.8	40.0
Medical and health care	6.4	5.0	5.4	5.1	5.0	5.4	6.0	5.2	5.8
Environment protection	0.4	0.2	0.4	0.4	0.3	0.3	0.3	0.4	0.4
Urban and rural community affairs	1.0	0.9	1.4	1.2	1.2	1	0.9	0.9	1.1
Agriculture, forestry and water conservancy	1.6	1.2	1.3	1.0	1.2	1.3	1.3	1.0	1.4
Transportation	1.0	0.9	1.5	1.3	1.4	1.8	1.6	1.5	1.4
Industry, commerce and banking	0.7	0.6	0.7	0.6	0.5	0.5	0.5	0.4	0.5
Other expenditure[2]	42.4	50.3	45.6	47.9	48.7	41	39.2	46.4	36.0
Annual average exchange rates in national currency/US dollar (R$)	1.8	2.2	1.9	1.8	2.0	1.8	1.7	2.0	2.2
Currency issued- M0 (year-end) (million R$)	47686	121102	146617	147550	166073	206853	214235	233371	249510
Currency issued- M0 (year-end) (million US$)	26071	55636	75269	80317	83324	117604	127959	119390	115503
Currency issued- M1 (year-end) (million R$)	74352	174345	231430	223440	250234	280141	285377	325045	344843
Currency issued- M1 (year-end) (million US$)	40650	80096	118810	121626	125550	159271	170451	166289	159635
Currency issued- M2 (year-end) (million R$)	283785	661500	781280	1072986	1167424	1362389	1617480	1764645	1953197
Currency issued- M2 (year-end) (million US$)	155150	303900	401088	584063	585732	774085	966092	902770	904174
Discount rate of Central Bank (%)	15.8	13.3	11.3	12.8	8.8	10.8	10.9	7.2	9.9
Interest rate of deposit and lending (%)	15.8	12.6	11.5	12.6	9.9	11.5	10.3	7.7	11.5

Sources

a) Central Bank of Brazil.
b) National Treasury Secretariat.

Footnotes

(1) Data covers Federal Government only. Table 13.2.1 - Selected Data on Finance - Brazil - 2000/2013
(2) "Other expenditure" is the single largest item because it comprises transactions such as transfers to states and municipalities and debt management expenditure.

Table 13.2.2 - Selected Data on Finance - Russia-2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Revenue and expenditure of consolidated (general government) budget									
Revenue (billion Rub)[1]	2098	10626	13368	16004	13600	16032	20855	23435	24082
Structure of revenue of consolidated budget (%)									
Profit (income) tax of organisations	19.0	15.7	16.2	15.7	9.3	11.1	10.9	10.1	8.6
Income tax of individuals	8.3	8.8	9.5	10.4	12.2	11.2	9.6	9.6	10.4
Tax, dues and regular payment for natural									
Resources usage (%)	...	11.2	9.2	10.9	7.9	9.0	10.0	10.6	10.8
Revenue from external economic activities (%)	...	21.7	18.0	22.4	19.7	20.1	22.4	21.2	20.8
Expenditure (billion Rub)[1]	1960	8375	11379	13992	16048	17617	19995	23175	24931
Structure of expenditure of consolidated budget									
General and local government (%)[2]	...	9.9	10.3	9.2	8.2	8.2	6.8	6.2	6.1
National economy (%)	...	11.3	13.7	16.1	17.3	13.2	14.0	14.1	13.2
Social-cultural arrangements (%)	27.4	54.3	51.2	50.9	52.8	57.5	56.2	57.0	57.4
Currency issued- M0 (year-end) (billion Rub)[3]	419	2785	3702	3795	4038	5063	5939	6430	6986
Currency issued- M0 (year-end) (billion US$)[4]	15	106	151	129	134	166	184	212	214
Currency issued- M2 (year-end) (billion Rub)[3]	1151	8971	12869	12976	15268	20012	24483	27405	31405
Currency issued- M2 (year-end) (billion US$)[4]	41	341	524	442	505	657	760	902	962
Discount rate of Central Bank (year-end) (%)[3]	25.0	11.0	10.0	13.0	8.8	7.8	8.0	8.3	8.3
Interest rate (%)[3]									
Deposit	6.5	4.1	5.1	5.8	8.6	6.0	4.4	5.5	...
Lending	24.4	10.4	10.0	12.2	15.3	10.8	8.5	9.1	...

Sources

a) Federal State Statistics Service of the Russian Federation.
b) Federal Treasury.
c) Bank of Russia.

Footnotes

(1) In 2005 in Russia has adopted a new budget classification. Since 2005 data are included budgets of state extra-budgetary funds. 2013- preliminary data.
(2) Since 2011 excepting expenses on services of the state and municipal debt.
(3) Data of Bank of Russia.
(4) The calculation is according to the data of Bank of Russia.

Table 13.2.3 - Selected Data on Finance - India-2000/2012

	2000	2006	2007	2008	2009	2010	2011	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Revenue and expenditure of consolidated (general government) budget								
Total receipts (billion Rs)[1]	5979	11253	13559	15648	18458	21536	25363	28369
Revenue receipts (%)[1]	63.4	77.9	78.2	71.4	65.6	73.3	69.0	73.0
Tax receipts (%)[1]	51.1	64.3	64.7	59.2	53.3	58.0	57.3	60.6
Non-tax receipts (%)[1]	12.3	13.6	13.5	12.2	12.2	15.3	11.7	12.4
Expenditure of consolidated (general government) budget (billion Rs)[1]	5956	11092	13153	15997	18521	21451	25188	28359
Total expenditure of ministries/ departments and its distribution (billion Rs) [2]	3256	5834	7127	8840	10245	11973	13044	14104
Agriculture and rural development (%)	4.5	5.8	7.9	6.9	7.7	6.3	5.0	6.0
Defence services (%)	18.5	15.2	15.4	17.8	16.2	16.4	15.6	15.2
Health services (%)	1.6	2.0	2.0	2.0	2.0	2.1	2.0	2.2
Education (%)	2.4	3.8	4.0	3.7	4.3	4.6	4.7	4.8
Petroleum and natural gas (%)	0.1	0.4	0.4	1.6	3.2	5.4	6.8	3.9
Science, technology and IT (%)	0.5	0.6	0.8	0.7	0.8	0.7	0.6	0.7
Transport (%)	3.6	4.6	3.3	2.1	2.0	3.8	3.7	3.8
Economic affairs (centralized provisions) (%)	35.2	27.7	24.8	23.5	22.3	24.2	26.0	26.0
Home affairs (%)	3.2	2.8	3.0	3.4	3.3	3.5	3.4	3.4
Consumer affairs, food and public distribution (%)	3.8	4.6	5.1	5.7	5.9	5.7	6.1	5.5
Others (%)	26.6	32.5	33.3	32.6	32.3	27.3	26.1	28.5
Money stock measures (billion Rs)								
M1	3794	9680	11558	12597	14893	16355	17334	18949
M2	3845	9730	11609	12647	14943	16406	17384	19000
M3	13132	33101	40179	47948	56027	64995	73578	83820
M4	13392	33360	40439	48207	56287	65255	73837	84080
Foreign currency assets- FCA (million US$)	39554	191924	299230	241426	254685	274330	260069	259726
SDRs (million)	2	2	18	1	5006	4569	4469	4328
Reserve position in the IMF- RTP (million US$)	616	469	436	981	1380	2947	2836	2301
Foreign exchange reserves excluding gold (million US$)	40172	192395	299684	242408	261071	281846	267374	266354
Foreign exchange reserve of gold (million US$)	2725	6784	10039	9577	17986	22972	27023	26292
Structure of interest rates								
Deposit rates (% per annum)[3]								
Savings[4]	4.0	3.5	3.5	3.5	3.5	3.5	4.0	4.0
Term deposits								
1 to 3 years	8.50-9.50	6.75-8.50	8.00-8.75	8.00-8.75	6.00-7.00	8.25-9.00	9.25	8.75-9.00
3 to 5 years	9.50-10.00	7.75-9.50	8.00-8.75	8.00-8.50	6.50-7.50	8.25-8.75	9.00-9.25	8.75-9.00
Above 5 years	8.50-10.00	7.75-8.50	8.50-9.00	7.75-8.50	7.00-7.75	8.50-8.75	8.50-9.25	8.50-9.00
Lending rates (% per annum)[3]	11.00-12.00	12.25-14.75	12.25-15.75	11.50-16.75	11.00-15.75	8.25-9.50	10.00-10.75	9.70-10.25

Sources: a) Ministry of Finance, *Union Budget* (various issues).
b) Reserve Bank of India, *HandBook of Statistics on Indian Economy and Bulletin on Money Stock Measures* (various issues).

Footnotes: 1. For all Information reference year is Financial Year, (i.e., April of the year indicated in the table to March next year). End of Financial Year, i.e., 31st March (Next year) in case of foreign exchange reserves.
(1) Total receipts and Total expenditures consists Central and State Govt Receipts and expenditures.
(2) The information relates to expenditure (both Plan and Non Plan) by Ministries/Departments of Centre and Union Territories including Plan expenditure of States.
(3) Data for Deposit and lending rates relates to five major Public Sector Banks up to 2003-04. For the remaining years, the data relates to five major banks. Data on lending rate relates to Prime Lending Rate or Benchmark Prime Lending Rate or Base Rate as the case may be for relevant year.
(4) Savings deposit rates from 2011-12 onwards relates to balance up to 1 Lakh. Savings deposit rate was deregulated with effect from October 25, 2011.

Table 13.2.4 - Selected Data on Finance - China-2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Revenue and expenditure of consolidated (general government) budget revenue[(1)(2)]	1339523	3876020	5132178	6133035	6851830	8310151	10387443	11725352	12914290
Structure of revenue of consolidated budget (%)									
Total tax revenue	...	...	88.9	88.4	86.9	88.1	86.4	85.8	85.6
Domestic value added tax	...	...	30.1	29.3	27.0	25.4	23.4	22.5	22.3
Domestic consumption tax	...	...	4.3	4.2	6.9	7.3	6.7	6.7	6.4
VAT and consumption tax from imports	...	...	12.0	12.1	11.3	12.6	13.1	12.6	10.8
VAT and consumption tax rebate for exports	...	...	-11.0	-9.6	-9.5	-8.8	-8.9	-8.9	-8.1
Business tax	...	...	12.8	12.4	13.2	13.4	13.2	13.4	13.3
Corporate income tax	...	...	17.1	18.2	16.8	15.5	16.1	16.8	17.4
Individual income tax	...	...	6.2	6.1	5.8	5.8	5.8	5.0	5.1
Resource tax	...	...	0.5	0.5	0.5	0.5	0.6	0.8	0.8
City maintenance and construction tax	...	...	2.3	2.2	2.3	2.3	2.7	2.7	2.6
House property tax	...	...	1.1	1.1	1.2	1.1	1.1	1.2	1.2
Stamp tax	...	...	4.4	2.1	1.3	1.3	1.0	0.8	1.0
Stamp tax on security exchange	...	...	3.9	1.6	0.7	0.7	0.4	0.3	0.4
Urban land use tax	...	...	0.8	1.3	1.3	1.2	1.2	1.3	1.3
Land appreciation tax	...	...	0.8	0.9	1.1	1.5	2.0	2.3	2.6
Tax on vehicles and boat operation	...	...	0.1	0.2	0.3	0.3	0.3	0.3	0.4
Tax on ship tonnage	...	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle purchase tax	...	...	1.7	1.6	1.7	2.2	2.0	1.9	2.0
Tariffs	...	...	2.8	2.9	2.2	2.4	2.5	2.4	2.0
Farm land occupation tax	...	...	0.4	0.5	0.9	1.1	1.0	1.4	1.4
Deed tax	...	...	2.4	2.1	2.5	3.0	2.7	2.5	3.0
Tobacco leaf tax	...	...	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Other tax revenue	...	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total non-tax revenue	...	...	11.1	11.6	13.1	11.9	13.6	14.2	14.4
Special program receipts	...	...	2.4	2.5	2.4	2.5	2.9	2.8	2.7
Charge of administrative and institutional units	...	...	3.7	3.5	3.4	3.6	3.9	3.9	3.7
Penalty receipts	...	...	1.6	1.5	1.4	1.3	1.3	1.3	1.3
Other non-tax receipts	...	...	3.4	4.1	5.9	4.5	5.5	6.2	6.7
Expenditure (million RMB)[(1)(2)]	1588650	4042273	4978135	6259266	7629993	8987416	10924779	12595297	13974426
Structure of expenditure of consolidated budget (%)									
General public services	...	...	17.1	15.7	14.9	15.1	15.7	15.7	15.5
Foreign affairs	...	...	0.4	0.4	0.3	0.3	0.3	0.3	0.3
National defense	...	...	7.1	6.7	6.5	5.9	5.5	5.3	5.3
Public security	...	...	7.0	6.5	6.2	6.1	5.8	5.6	5.5
Education	...	...	14.3	14.4	13.7	14.0	15.1	16.9	15.7
Science and technology	...	...	3.6	3.4	3.6	3.6	3.5	3.5	3.6
Culture, sport and media	...	...	1.8	1.8	1.8	1.7	1.7	1.8	1.8

(Contd.)

Table 13.2.4 - Selected Data on Finance - China-2000/2013 *(Concld.)*

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Social safety net and employment effort	...	...	10.9	10.9	10.0	10.2	10.2	10.0	10.3
Medical and health care	...	...	4.0	4.4	5.2	5.3	5.9	5.8	5.9
Environment protection	...	...	2.0	2.3	2.5	2.7	2.4	2.4	2.4
Urban and rural community affairs	...	...	6.5	6.7	6.7	6.7	7.0	7.2	7.9
Agriculture, forestry and water conservancy	...	...	6.8	7.3	8.8	9.0	9.1	9.5	9.5
Transportation	...	...	3.8	3.8	6.1	6.1	6.9	6.5	6.6
Industry, commerce and banking affairs	...	...	8.6	9.9	7.9	8.9	8.1	7.5	7.3
Post-earthquake recovery and reconstruction	...	...	...	1.3	1.5	1.3	0.2	0.1	0.0
Other expenditure	...	...	5.9	4.7	4.2	3.0	2.7	2.0	2.4
Currency issued- M0 (year-end) (million RMB)	1465270	2707262	3037523	3421896	3824597	4462820	5074847	5465977	5855831
Currency issued- M0 (year-end) (million US$)[3]	176999	346698	415837	500672	560118	673867	805531	869617	960460
Currency issued- M1 (year-end) (million RMB)	5314720	12603513	15256008	16621713	22000151	26662150	28984770	30866423	33726063
Currency issued- M1 (year-end) (million US$)[3]	641998	1614035	2088548	2431995	3221955	4025873	4600757	4910735	5531674
Currency issued- M2 (year-end) (million RMB)	13461030	34560359	40344221	47516660	60622501	72585180	85159090	97414880	110650915
Currency issued- M2 (year-end) (million US$)[3]	1626042	4425879	5523125	6952369	8878255	10960059	13517316	15498350	18148717
Interest rate of deposit (year-end) (%)[4]	2.3	2.5	4.1	2.3	2.3	2.8	3.5	3.0	3.0
Interest rate of lending (year-end) (%)[4]	5.9	6.1	7.5	5.3	5.3	5.8	6.6	6.0	6.0

Sources:
a) Ministry of Finance of the People's Republic of China.
b) The People's Bank of China.

Footnotes
(1) Since 2009, there have been some changes on the classification of expenditure, so the data can not be compared with the previous ones.
(2) Data of 2013 are budget implementation data.
(3) Currency issued on million US$ is calculated using the year-end exchange rates released by State Administration of Foreign Exchange.
(4) Deposit rates and lending rates refer to the one-year official interest rates of deposits and loans of financial institutions.

Table 13.2.5 - Selected Data on Finance - South Africa-2000/2011

	2000	2006	2007	2008	2009	2010	2011
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Revenue and expenditure of consolidated							
Structure of revenue of consolidated budget(%)							
Total tax revenue	79.2	79.4	81.9	81.5	80.8	78.6	78.8
Domestic value added tax	13.5	22.2	22.4	23.0	22.8	23.9	22.3
Domestic consumption tax	...	...	...	...	...	...	...
VAT and consumption tax from imports	10.2	12.0	14.0	14.0	13.9	10.9	11.8
VAT and consumption tax rebate for exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Business tax	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Corporate income tax	10.8	18.5	21.4	21.8	22.8	18.7	16.5
Individual income tax	31.5	22.3	21.9	22.7	23.8	25.3	24.8
Resource tax	0.0	0.0	0.0	0.0	0.0	0.0	0.0
City maintenance and construction tax	0.0	0.0	0.0	0.0	0.0	0.0	0.0
House property tax	3.9	2.9	2.5	2.8	2.6	3.2	3.3
Stamp tax	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stamp tax on security exchange	1.3	1.9	1.5	1.5	1.0	1.0	0.9
Deed tax	0.7	1.5	1.0	1.0	0.6	0.6	0.6
Tobacco leaf tax	0.0	1.1	1.1	1.1	1.1	1.2	1.1
Other tax revenue (1)	7.3	-3.0	-4.8	-6.3	-8.3	-6.0	-2.4
Total non-tax revenue	20.8	20.6	19	18.5	19.6	21.4	21.2
Special program receipts	1.7	1.8	1.7	1.9	2.0	2.2	1.9
Charge of administrative and institutional units	61.7	53.9	51.4	41.6	38.4	46.0	5.4
Penalty receipts	0.6	0.7	0.3	0.5	0.4	0.3	0.4
Other non-tax receipts	5.6	7.0	7.2	8.5	9.7	9.0	17.7
Structure of expenditure of consolidated budget (%)							
General public services	25.6	23.8	23.5	21.4	20.7	19.8	...
Foreign affairs	0.5	0.5	0.4	0.5	0.6	0.7	...
National defense	4.1	4.7	4.1	3.8	3.8	3.4	...
Public security	8.9	9.6	9.8	10.1	10.1	10.2	...
Education	18.5	17.0	16.8	16.7	16.7	18.0	...
Science and technology	...	...	...	...	...	...	...
Culture, sport and media	1.5	2.6	2.1	2.3	2.3	2.6	...
Social safety net and employment effort	10.4	12.7	13.1	12.9	12.8	13.0	...
Medical and health care	8.9	8.9	9.2	9.5	9.8	10.3	...
Environment protection	1.8	0.7	0.6	0.7	0.7	0.7	...
Urban and rural community affairs	2.6	3.7	3.6	3.9	4.1	4.1	...
Agriculture, forestry and water conservancy	2.3	2.8	2.7	2.7	2.5	3.1	...
Transportation	4.5	3.5	4.5	4.7	5.9	6.1	...

(Contd.)

Table 13.2.5 - Selected Data on Finance - South Africa-2000/2011 *(Concld.)*

	2000	2006	2007	2008	2009	2010	2011
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Industry, commerce and banking	0.4	1.2	1.2	1.3	1.4	0.9	...
Post-earthquake recovery and reconstruction	...	2.0	2.6	2.8	3.0	3.0	...
Other expenditure	10.1	6.4	5.6	6.5	4.7	3.9	...
Currency issued- M0 (year-end) (million ZAR)	43568	96071	110130	120513	126881	135999	158666
Currency issued- M0 (year-end) (million US$)	5757	13776	16229	12953	17211	20536	19512
Currency issued- M1 (year-end) (million ZAR)	274355	605679	738317	753628	806261	862788	947174
Currency issued- M1 (year-end) (million US$)	36250	86852	108797	81005	109367	130284	116477
Currency issued- M2 (year-end) (million ZAR)	474848	1156842	1396325	1561612	1588265	1677329	1797771
Currency issued- M2 (year-end)	62742	165886	205761	167852	215443	253282	221077
Currency issued- M3 (year-end) (million ZAR)[(2)]	520665	1349293	1667580	1914200	1948222	2083114	2255567
Currency issued- M3 (year-end) (million US$)[(2)]	68795	193483	245732	205750	264270	314557	277373
Discount rate of Central Bank (%)	12.0	9.0	11.0	11.5	7.0	5.5	5.5
Interest rate of deposit and lending (%)[(3)]	14.5	12.5	14.5	15.0	10.5	9.0	9.0

Source
South African Reserve Bank.

Footnotes
Government finance in fiscal years; year begins on 01 April to 31 March of the following year.
(1) No definition available for some of the tax categories. Therefore this value is the residual of all other taxes. Total tax revenue minus the detail of all available categories. This also includes the adjustments made for South African Customs Union transfers.
(2) M3 is the broadly defined money supply aggregate officially used in South Africa.
(3) The prime overdraft rate serves as a market reference or benchmark rate for interest rates, but does not determine interest rates.
Government finance in fiscal years; year begins on 01 April to 31 March of the following year.

Explanatory Notes
Brazil
Share of Deficit(-)/Surplus of General Government to GDP - The general government includes federal government, state governments, and local governments, and excludes Central Bank of Brazil (Bacen). and public enterprises. Nominal result.
Share of Income Tax to Revenue - Total tax revenue corresponds to the fiscal load.
M2 Supply (End of the Year) - The Annual average exchange rates used is available in Tables 13.2.1 and 14.1.

Expenditure - Data covers Federal Government only.
Other expenditure is the single largest item because it comprises transactions such as transfers to states and municipalities and debt management expenditure.

Russia

Budget Revenues monetary funds coming to the budget, excluding funds which in accordance to the Budget Code of the Russian Federation are the sources of financing the budget deficit.

Budget Expenditures monetary funds paid from the budget funds, excluding funds which in accordance to the Budget Code of the Russian Federation are the sources financing the budget deficit.

Deposit Rate average rate on deposits of individuals in credit institutions (including OAO Sberbank of Russia) for up to 1 year.

Lending Rate average rate on loans to corporate customers in credit institutions (including Sberbank of Russia) up to 1 year.

Annual rates are calculated as the average of monthly data.

India

General Government includes both Central Government and State Government.

Income Tax: Income Tax Act, 1961 imposes tax on the income of the individuals or Hindu undivided families or firms or co- operative societies (other than companies) and trust (identified as bodies of individuals associated of persons) or every artificial juridical person. The inclusion of a particular income in the total incomes of a person for income-tax in India is based on his residual status. There are three residential status, viz., (i) Resident & Ordinarily Residents (Resident) (ii) Resident but not Ordinary Resident and (iii) Non Residents. There are several steps involved in determining the residential status of a person. All residents are taxable for all their income, including income outside India. Non residents are taxable only for the income.

M1 = Currency with the Public + Deposit money of the Public

M2 = M1 + Post Office savings banks deposits.

M3 = M1 + Time deposits with banks.

M4 = M3 + Total Post Office Deposits.

China

Revenue of Consolidated Budget refers to income for the government finance through participating in the distribution of social products. It is the financial guarantee to ensure government functioning. The contents of government revenue have been changed several times.

Expenditure of Consolidated Budget refers to the distribution and use of the funds which the government finance has raised, so as to meet the needs of economic construction and various causes.

Share of Deficit/Surplus of General Government to GDP = (Revenue of consolidated budget - Expenditure of consolidated budget)/GDP.

The Contents of Government Revenue include the following main items:

a) Various Tax Revenues including domestic value added tax (VAT), domestic consumption tax, VAT and consumption tax from imports, VAT and consumption tax rebate for exports, business tax, corporate income tax, individual income tax, resource tax, city maintenance and construct tax, house property tax, stamp tax, urban land use tax, land appreciation tax, tax on vehicles and boat operation, ship tonnage tax, vehicle purchase tax, tariffs, farm land occupation tax, deed tax, and tobacco leaf tax, etc.

b) Non-Tax Revenue including special program receipts, charge of administrative and institutional units, penalty receipts and others non-tax receipts.

The Contents of Government Expenditure include the following main items:

a) Expenditure for general public services; b) Expenditure for foreign affairs; c) Expenditure for national defence; d) Expenditure for public security; e) Expenditure for education; f) Expenditure for science and technology; g) Expenditure for culture, sports and media; h) Expenditure for social safety net and employment effort; i) Expenditure for medical and health care; j) Expenditure for environment protection; k) Expenditure for urban and rural community affairs; l) Expenditure for agriculture, forestry and water conservancy; m) Expenditure for transportation; n) Expenditure for industry, commerce and banking, etc.

South Africa

M0 = Deposits of monetary institutions with the central bank and banknotes and coin in circulation outside the central bank.

M1 = Notes and coin in circulation plus cheque and transmission deposits and other demand deposits of domestic private sector with monetary institutions.

M2 = M1 plus other short-term deposits held by the domestic private sector.

M3 = M2 plus long-term deposits held by the domestic private sector.

Table 14.1 - Summary of External Economic Relations on BRICS Countries -2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Value of imports and exports of goods and commercial services (million US$)									
Brazil	137027	277750	342394	448640	355402	477717	596636	586530	607560
Russia	175689	542660	674052	889662	590272	762792	983498	1034881	(1)779897
India(2)	125940	430240	556618	647001	623198	826096	1015835	1017576	...
China(3)	530249	1914458	2376498	2814784	2446417	3264141	3997755	4264789	...
South Africa	70187	163128	187742	204610	158287	199614	238064	172581	...
Value of imports of goods and commercial services (million US$)									
Brazil	72444	120467	157790	220247	174679	244202	302388	304089	326263
Russia	61091	209460	283661	366228	247321	320958	410050	444536	(1)344748
India(2)	65112	230046	303144	355742	348403	450324	567546	571497	...
China(3)	250688	852769	1034231	1232976	1113143	1520559	1907926	2016472	...
South Africa	...	...	...	...	...	...	...	...	...
Value of exports of goods and commercial services (million US$)									
Brazil	64584	157283	184603	228393	180723	233514	294249	282442	281297
Russia	114598	333200	390391	523434	342951	441833	573448	590345	(1)435149
India(2)	60828	200194	253474	291259	274795	375772	448289	446079	...
China(3)	279561	1061688	1342267	1581808	1333274	1743583	2089830	2248317	...
South Africa	...	...	...	...	...	...	...	...	...
Share of current account surplus(+)/deficit(-) to GDP (%)									
Brazil	-3.8	1.3	0.1	-1.7	-1.5	-2.2	-2.1	-2.4	-3.7
Russia	18.0	9.3	5.5	6.3	4.1	4.4	5.1	3.7	(4)2.9
India(2)(5)	-0.6	-1.0	-1.3	-2.3	-2.8	-2.8	-4.2	-4.7	...
China	1.7	8.5	10.1	9.3	4.9	4.0	1.9	2.3	...
South Africa	-0.1	-3.5	-5.3	-7.2	-7.1	-4.1	-3.4	-5.9	...
Ratio of exports of goods and commercial services to imports of goods and commercial services(%)									
Brazil	89.2	130.6	117.0	103.7	103.5	95.6	97.3	92.9	86.2
Russia	187.6	159.1	137.6	142.9	138.7	137.7	139.8	132.8	(1)126.2
India(2)	93.4	87.0	83.6	81.9	78.8	83.4	79.0	78.1	...
China	111.5	124.5	129.8	128.3	119.8	114.7	109.5	111.5	...
South Africa	111.9	92.5	92.0	92.1	96.9	99.4	97.9	90.3	...
Ratio of exports of goods to imports of goods (%)									
Brazil	98.7	150.9	133.2	114.3	119.8	111.1	113.2	108.7	101.1
Russia	234.1	182.3	155.3	161.5	161.6	159.8	161.8	157.3	(1)153.6
India(2)	88.2	68.1	64.8	61.0	62.0	67.9	62.5	61.2	...
China	116.1	129.0	134.9	133.6	126.1	119.2	114.7	118.5	...
South Africa	117.2	93.9	93.7	95.2	100.4	104.7	102.2	91.5	...
Inflows of FDI (million US$)									
Brazil	32779	18822	34585	45058	25949	48506	66660	65272	64045
Russia(6)	4429	13678	27797	27027	15906	13810	18415	18666	26118
India(2)(7)	4029	22826	34843	41873	37745	34847	46556	36860	28807
China(8)	40715	63021	74768	92395	90033	105735	116011	111716	117586
South Africa(9)	888	-527	5687	9017	5389	1228	6011	4839	...
Outflows of FDI (million US$)									
Brazil	2282	28202	7067	20457	10084	-11588	1029	2821	3496
Russia(6)	382	3208	9179	21818	17454	10271	19040	17426	76265
India(2)(7)	759	15046	18835	19365	15144	17195	11097	7134	...
China(8)(10)	...	17634	26506	55907	56529	68811	74654	87804	...
South Africa(11)	-271	-6594	-2962	3137	-1156	-450	257	-2364	...
Annual average exchange rates									
Brazil (R$ per US$)	1.8	2.2	2.0	1.8	2.0	1.8	1.7	2.0	2.2
Russia (RUB per US$)	28.1	27.2	25.6	24.8	31.7	30.4	29.4	31.1	31.8
India (RS. per US$)(2)	45.7	45.2	40.2	46.0	47.4	45.6	48.1	54.0	...

(Contd.)

Table 14.1- Summary of External Economic Relations on BRICS Countries-2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
China (RMB per US$)	8.3	8.0	7.6	6.9	6.8	6.8	6.5	6.3	6.2
South Africa (ZAR per US$)	6.9	6.8	7.1	8.3	8.4	7.3	...	...	...
Year-end exchange rates									
Brazil (R$ per US$)	2.0	2.1	1.8	2.3	1.7	1.7	...	...	...
Russia (RUB per US$)	28.2	26.3	24.6	29.4	30.2	30.5	32.2	30.4	...
India (RS. per US$)(2)	46.6	43.6	40.0	51.0	45.1	44.7	51.2	54.4	...
China (RMB per US$)	8.3	7.8	7.3	6.8	6.8	6.6	6.3	6.3	6.1
South Africa (ZAR per US$)	6.9	6.8	7.1	8.3	8.4	7.3	7.3	8.2	...
Foreign exchange reserves (million US$)									
Brazil(12)	33011	85839	180334	193783	238520	288575	352012	373147	358808
Russia	24263	295277	466376	410695	405825	432949	441162	473110	...
India(2)	42281	199179	309723	251985	279057	304818	294398	292046	...
China	165574	1066340	1528249	1946030	2399152	2847338	3181148	3311589	3821315
South Africa	7534	25613	32979	34099	39706	43834	48860	50735	...
Share of external debts to GDP (%)									
Brazil	33.6	15.9	14.1	12.1	12.2	12.0	12.0	13.9	13.9
Russia(13)	...	34.3	30.6	34.2	34.2	36.4	32.2	31.2	31.3
India(2)(14)	22.0	16.8	17.5	18.0	20.3	18.2	18.2	20.5	21.8
China	...	12.2	10.7	8.5	8.6	9.1	9.3	8.9	...
South Africa	27.8	22.7	26.4	26.6	27.5	28.8*f*	28.1	34.2	...
International investment position (million US$)									
Brazil	...	-364540	-536106	-281795	-597102	-890447	-764443	-825637	-758195
Russia(13)	...	-31566	-38793	-150600	254788	103430	16340	137956	...
India(2)(15)	-76848	-59999	-62445	-51179	-66600	-159125	-203609	-244829	...
China	...	640208	1188115	1493816	1490516	1688032	1688416	1736425	...
South Africa	-6790	-41049	-68621	-9694	-37461	-67747	-24963	...	...

Sources:
Brazil a) Central Bank of Brazil. b) Ministry of Development, Industry and Foreign Trade.

Russia a) Federal State Statistics Service of the Russian Federation. b) Bank of Russia. c) International Monetary Fund.

India a) Ministry of Commerce & Industry, Department of Commerce, *Export Import Data Bank*; and Department of Industrial Policy and Promotion, *FDI Statistics* (various issues). b) Reserve Bank of India, *HandBook of Statistics on Indian Economy.* c) Ministry of Finance, *Report on India's External Debt* (various issues).

China a) State Administration of Foreign Exchange. b) Ministry of Commerce of the People's Republic of China. South Africa South African Reserve Bank.

Footnotes:
Brazil (12) Cash concept.

Russia (1) Data refer to January-September of 2013. (4) Preliminary data. (6) According to organizations that have provided statistical reports (excluding monetary authorities, commercial banks), including Ruble proceeds converted into US dollars. (13) At the beginning of the year.

India (2) All information in case of India pertains to financial year, (i.e., from April 1 of the year mentioned in the table to March of next year) /end of financial year (March of the year mentioned in the table). (5) GDP estimates used are at Current Market Prices. (7) Information since 2009-10 is provisional and that for 2013 is upto January 2014 only. FDI Inflow figures are gross inflows/investments. (14) Information As on March end 2013 is partially revised. (15) Information since 2009 is partially revised.

China (3) Data of imports and exports of goods and commercial services come from the State Administration of Foreign Exchange. (8) Data of FDI come from the Ministry of Commerce of the People's Republic of China. (10) Outflows of FDI from 2003 to 2006 did not include financial intermediation, data for 2007 and on included all sectors.

South Africa (9) These indicate on a net basis an increase in liabilities and a decrease in assets. (11) These indicate on a net basis a decrease in liabilities and an increase in assets.

Table 14.2.1 - Selected Data on Merchandise Trade - Brazil - 2000/201

	2000	2005	2006	2007	2008
(1)	(2)	(3)	(4)	(5)	(6)
Import from major trade partners[(1)]	55851	73600	91351	120617	172985
United States of America	12899	12667	14657	18723	25628
China	1222	5355	7990	12621	20044
Argentina	6843	6241	8053	10404	13258
Germany	4428	6144	6503	8669	12027
Japan	2961	3405	3840	4609	6807
Republic of Korea	1437	2327	3106	3391	5413
Nigeria	734	2643	3918	5281	6704
Italy	2167	2276	2570	3348	4613
France	1880	2700	2838	3525	4678
Mexico	754	844	1310	1979	3125
Export to major trade partners[(1)]	55119	118529	137807	160649	197942
China	1853	4435	5750	7114	11054
United States of America	159	4164	6894	8905	13683
Argentina	2185	5341	5660	6703	10944
Netherland	761	2382	3936	1971	3650
Germany	1195	2862	3198	3444	5485
Japan	1559	2516	2928	3378	4131
United Kingdom	1648	2864	2419	2956	4360
Venezuela	1526	1976	2429	2945	3774
India	445	2227	1979	2775	3612
Belgium	438	1537	2231	1971	1833
Import by principal commodities[(1)]	55851	73600	91351	120617	172985
Crude oil	3190	7667	9081	11989	16389
"Diesel" (diesel Oil)	1251	1022	1748	3023	5142
Auto engine explosion, 1500 < CM3 < =3000, up to 6 passengers	808	496	1348	2028	3096
Naphtha for petrochemicals	727	1377	1726	1886	2173
Other parts for television and radio broadcasting receivers, etc.	274	254	527	654	1416
Other potassium chloride	561	956	950	1500	3828
Bituminous coal, not agglomerated	100	198	259	222	418
Natural gas in gaseous state	114	810	1314	1497	2715
Refined copper cathodes/Its elements, raw	286	593	1195	1619	1902
Wheat (excludes durum or seeding), and wheat with rye	855	647	988	1389	1872
Export by principal commodities	55119	118529	137807	160649	197942
Non-agglomerated iron ores and concentrates	1853	4435	5750	7114	11054
Crude oil	159	4164	6894	8905	13683
Other soya beans, whether or not broken	2185	5341	5660	6703	10944
Raw cane sugar	761	2382	3936	1971	3650
Agglomerated iron ores and concentrates	1195	2862	3198	3444	5485
Coffee, not roasted, not decaffeinated beans	1559	2516	2928	3378	4131
Marc other solid waste from the extraction of soybean oil	1648	2864	2419	2956	4360
Chemical wood pulp	1526	1976	2429	2945	3774
Cuts and edible offal of fowls, frozen	445	2227	1979	2775	3612
Other sugar cane, beet, sucrose chemistry	438	1537	2231	1971	1833

(Contd.)

Table 14.2.1- Selected Data on Merchandise Trade- Brazil- 2000/201 *(Concld.)*

	2009	2010	2011	2012	2013
(1)	(7)	(8)	(9)	(10)	(11)
Import from major trade partners[1]	127722	181649	226245	223183	239621
United States of America	20032	27039	33964	32363	36004
China	15911	25593	32788	34251	37303
Argentina	11281	14426	16906	16444	16463
Germany	9869	12552	15212	14212	15182
Japan	5368	6982	7871	7735	7082
Republic of Korea	4818	8422	10096	9099	9491
Nigeria	4760	5920	8386	8012	9648
Italy	3665	4838	6222	6202	6719
France	3615	4800	5461	5910	6498
Mexico	2783	3858	5130	6075	5795
Export to major trade partners[1]	152995	201915	256039	242578	242179
China	10582	21354	44314	41228	46026
United States of America	9351	16293	25804	26701	24653
Argentina	11413	11035	22709	17998	19615
Netherland	5979	9307	13639	15041	17333
Germany	2665	7558	9039	7277	6552
Japan	3761	5182	9473	7956	7964
United Kingdom	4592	4673	5202	4460	4067
Venezuela	3073	4430	4591	5056	4850
India	2886	3531	3200	5577	3130
Belgium	2399	3455	3959	3742	3594
Import by principal commodities[1]	127722	181649	226245	223183	239621
Crude oil	9186	10097	14080	13410	16321
"Diesel" (diesel Oil)	1673	5131	7421	6574	8285
Auto engine explosion, 1500 < CM3 < =3000, up to 6 passengers	3338	4928	6977	5845	5365
Naphtha for petrochemicals	1536	3246	4788	4193	4659
Other parts for television and radio broadcasting receivers, etc.	939	2695	3053	3033	3233
Other potassium chloride	2061	2204	3503	3510	3319
Bituminous coal, not agglomerated	1362	2150	3351	2347	1951
Natural gas in gaseous state	1591	2132	2733	3336	3878
Refined copper cathodes/Its elements, raw	1004	1885	2049	2103	1815
Wheat (excludes durum or seeding), and wheat with rye	1206	1521	1832	1757	2415
Export by principal commodities	152995	201915	256039	242578	242179
Non-agglomerated iron ores and concentrates	10582	21354	31851	23810	25996
Crude oil	9351	16293	21603	20306	12957
Other soya beans, whether or not broken	11413	11035	16312	17455	22812
Raw cane sugar	5979	9307	11548	10030	9164
Agglomerated iron ores and concentrates	2665	7558	9965	7179	6495
Coffee, not roasted, not decaffeinated beans	3761	5182	7999	5722	4582
Marc other solid waste from the extraction of soybean oil	4592	4673	5544	6246	6101
Chemical wood pulp	3073	4430	5001	4700	5179
Cuts and edible offal of fowls, frozen	2886	3531	4454	4272	4199
Other sugar cane, beet, sucrose chemistry	2399	3455	3391	2814	2678

Source:
Ministry of Development, Industry and Foreign Trade.

Footnotes:
Value is at FOB.
(1) Trade data are only for goods and exclude services.

Table 14.2.2 - Selected Data on Merchandise Trade - Russia - 2000/2013

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Import from major trade partners									
Germany	3898	18464	26534	34115	21229	26699	37682	38305	37916
Netherlands	740	2685	3857	4817	3590	4442	5925	5977	5846
China	949	12910	24424	34780	22795	38964	48202	51628	53211
Italy	1212	5726	8537	11002	7891	10043	13402	13432	14554
Turkey	349	2753	4179	6146	3216	4867	6360	6860	7256
USA	2694	6405	9471	13790	9170	11097	14584	15366	16537
France	1187	5863	7766	10015	8431	10043	13276	13804	13012
India	557	968	1310	1707	1525	2143	2787	3041	3091
Brazil	388	2987	4109	4372	3478	4067	4389	3359	3493
South Africa	41	159	270	444	321	473	465	686	782
Export to major trade partners									
Germany	9232	24498	26346	33164	18710	25662	34158	34995	37028
Netherlands	4349	35884	42879	56973	36407	53974	62695	76886	70126
China	5248	15758	15895	21142	16687	20326	35030	35766	35631
Italy	7254	25090	27530	41999	25100	27476	32658	32301	39314
Turkey	3098	14290	18534	27655	16377	20317	25350	27419	25500
USA	4644	8638	8335	13357	9132	92320	16425	12867	11196
France	1903	7675	8684	12201	8726	12420	14859	10535	9203
India	1082	2925	4012	5230	5936	6392	6080	7563	6886
Brazil	259	726	1130	2041	1083	1798	2125	2305	1985
South Africa	34	20	14	40	195	46	115	279	290
Imports by principal commodities[(1)]									
Fresh and frozen meats (including poultry meats)	967	4229	4703	6611	5823	5665	6034	6289	5890
Medicines	1150	5331	5550	7512	7136	9346	10964	10780	11804
Passenger cars	448	12721	21333	30262	8511	11377	20041	20220	16997
Exports by principal commodities[(1)]									
Crude oil	25284	102283	121503	161147	100593	134757	181757	180930	173668
Petroleum products	10938	44377	52228	79870	48144	70085	96033	103624	109168
Natural gas	16644	43806	44837	69107	41971	47579	64144	61768	67232

Source: Federal Customs Service of Russia.
Footnote:
(1) By the data of the Federal Customs Service of Russia, including data on foreign trade with the Republic of belarus and the Republic of Kazakhstan. Data for 2010 are given excluding data of mutual trade between Russia and the Republic of Kazakhstan in July-December 2010 in connection with the abolition of customs clearance of products on the Russian-kazakhstan border.

Table 14.2.2.1 - Selected Data on Merchandise Trade - Russia - 2013

Commodities	Brazil	India	China	South Africa	All countries[(1)]
(1)	(2)	(3)	(4)	(5)	(6)
Import					
Total	3493.1	3091.1	53211.5	782.1	317806.0
1. Fresh and frozen meat (including poultry)	1951.9	-	-	-	5890.2
2. Medicines	1.1	807.8	34.5	-	11804.2
3. Pipes, iron	0.1	3.4	398.0	0.0	1570.8
4. Internal combustion engines	39.4	9.6	691.3	0.1	3829.9
5. Pumps and compressors	6.7	27.2	716.0	2.9	4670.1
6. Computing machines and their parts	0.1	2.9	3177.7	0.0	5035.7
7. Machinery and mechanical devices having individual functions	1.5	11.3	279.1	2.0	2689.8
8. Apparatus for telephone and telegraph communications	1.1	268.2	4690.0	0.0	7705.8
9. Passenger cars	-	0.0	239.6	1.7	16997.4
10. Parts and accessories of motor vehicles	17.7	84.0	1323.8	10.8	11488.3
Exports					
Total	1984.9	6885.6	35630.5	289.9	526392.0
1. Wheat and meslin	-	-	-	124.4	3482.7
2. Hard coal	16.9	52.6	2243.3	-	11821.2
3. Crude oil	-	-	18564.8	-	173668.3
4. Petroleum products	149.3	62.1	4136.7	54.3	109167.9
5. Natural gas	-	-	-	-	67232.3
6. Mineral mixed fertilizers	452.5	9.7	231.4	32.5	3570.8
7. Semi-finished products from carbon steel	-	0.0	-	-	6474.6
8. Flat-rolled products from iron and steel	115.6	87.4	3.8	0.3	5170.7
9. Crude nickel	-	-	-	-	3626.4
10. Crude aluminum	2.1	3.7	79.9	4.2	6193.3

Source: Federal Customs Service of Russia.
Footnote: (1) Including trade with the Republic of Belarus and the Republic of Kazakhstan.

Table 14.2.3.1 - Selected Data on Merchandise Trade: Major Trade Partners - India - 2012-2013

(million US$)

Countries	Import	Countries	Export
(1)	(2)	(3)	(4)
China	52248	China	13535
Germany	14326	Germany	7246
Indonesia	14879	Hong Kong	12279
Iraq	19247	Japan	6100
Kuwait	16588	Netherlands	10565
Qatar	15693	Saudi Arabia	9786
Saudi Arabia	33998	Singapore	13619
Switzerland	32167	United Arab Emirates	36317
United Arab Emirates	39138	United Kingdom	8613
United States of America	25205	United States of America	36155

Source: Ministry of Commerce & Industry, Export Import Data Bank.

Table 14.2.3.2 - Selected Data on Merchandise Trade: BRICS Countries - India - 2000/2012

(million US$)

	2000	2005	2006	2007	2008	2009	2010	2011	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Import									
Brazil		893	992	950	1186	3438	3549	4271	4826
Russia	518	2022	2409	2478	4328	3567	3600	4764	4232
China	1502	10869	17475	27146	32497	30824	43480	55314	52248
South Africa	1022	2472	2470	3605	5514	5675	7141	10972	8888
Export									
Brazil	...	1091	1449	2526	2651	2414	4024	5770	6049
Russia	889	733	904	941	1096	981	1689	1778	2296
China	831	6759	8322	10871	9354	11618	15483	18077	13535
South Africa	311	1527	2242	2661	1980	2059	3912	4731	5107

Source: Ministry of Commerce & Industry, Export Import Data Bank.

Table 14.2.3.3 - Selected Data on Merchandise Trade - India - 2000/2013

(million US$)

	2000-2001	2005-2006	2006-2007
(1)	(2)	(3)	(4)
Export by principal commodities			
Articles of apparel and clothing accessories, knitted orcorcheted	1786.9	3191.1	3617.7
Articles of apparel and clothing accessories, not knitted orcorcheted	3790.5	5435.5	5292.7
Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts	1292.5	2767.5	4110.9
Ores, slag and ash	460.3	4452.6	4896.3
Plastic and articles thereof	700.9	2160.5	2741.3
Residues and waste from the food industries; prepared animal fodder	462.0	1122.9	1251.6
Ships boats and floating structures	52.3	935.6	1035.8
Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	932.8	3293.3	3766.1
Pharmaceutical products	945.1	2444.2	3184.0
Miscellaneous goods	34137.0	77288.0	96518.0
Import by principal commodities			
Nuclear reactors boilers, machinery and mechanical appliances; parts thereof	4236.8	13915.0	18628.0
Iron and steel	956.5	5446.0	6143.0
Articles of iron or steel	306.1	1308.0	2535.0
Organic chemicals	1599.6	5144.0	6037.0
Fertilizers	444.9	1677.0	2668.0
Plastic and articles thereof	657.0	2556.0	2957.0
Mineral fuels, mineral oils and products of there distillation; bituminus substances; mineral waxes	17545.0	50310.0	61779.0
Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts	2677.6	11899.0	14575.0
Natural or cultured pearls, precious or semiprecious stones; pre metals, clad with premetal and articles thereof; IMIT; jewelry; coin	9707.4	20691.0	22615.0

(Contd.)

Table 14.2.3.3 - Selected Data on Merchandise Trade - India - 2000/2013

(million US$)

(1)	2000-2001 (2)	2005-2006 (3)	2006-2007 (4)
Export by principal commodities			
Articles of apparel and clothing accessories, knitted orcorcheted	4272.9	5048.1	4591.1
Articles of apparel and clothing accessories, not knitted orcorcheted	5420.4	5902.9	6127.8
Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts	5355.2	9541.1	7233.2
Ores, slag and ash	7003.5	5456.2	6651.9
Plastic and articles thereof	2789.8	2543.5	2753.6
Residues and waste from the food industries; prepared animal fodder	2081.0	2323.2	1735.3
Ships boats and floating structures	1748.6	3715.6	2554.3
Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	4484.1	6002.0	6169.5
Pharmaceutical products	4159.4	5078.8	5191.2
Miscellaneous goods	125817.0	139684.0	135743.0
Import by principal commodities			
Nuclear reactors boilers, machinery and mechanical appliances; parts thereof	25344.0	26641.0	23990.0
Iron and steel	9090.0	10265.0	8814.0
Articles of iron or steel	3302.0	3667.0	2793.0
Organic chemicals	8116.0	8608.0	9407.0
Fertilizers	4610.0	12011.0	5992.0
Plastic and articles thereof	4117.0	4482.0	5515.0
Mineral fuels, mineral oils and products of there distillation; bituminus substances; mineral waxes	86384.0	103934.0	96321.0
Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts	20091.0	25205.0	22074.0
Natural or cultured pearls, precious or semiprecious stones; pre metals, clad with premetal and articles thereof; IMIT; jewelry; coin	26291.0	43926.0	46322.0

(Contd.)

Table 14.2.3.3 - Selected Data on Merchandise Trade - India - 2000/2013

(million US$)

(1)	2000-2001 (2)	2005-2006 (3)	2006-2007 (4)
Export by principal commodities			
Articles of apparel and clothing accessories, knitted orcorcheted	4768.0	5777.0	5554.0
Articles of apparel and clothing accessories, not knitted orcorcheted	6449.0	7961.0	7408.0
Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts	10839.0	11528.0	10863.0
Ores, slag and ash	5818.0	5425.0	2383.0
Plastic and articles thereof	3948.0	5302.0	5150.0
Residues and waste from the food industries; prepared animal fodder	2461.0	2527.0	3236.0
Ships boats and floating structures	5274.0	8096.0	3838.0
Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	11301.0	10931.0	12193.0
Pharmaceutical products	6543.0	8483.0	10063.0
Miscellaneous goods	193735.0	239932.0	239712.0
Import by principal commodities			
Nuclear reactors boilers, machinery and mechanical appliances; parts thereof	29007.2	37552.0	35236.0
Iron and steel	11010.0	13646.0	13616.0
Articles of iron or steel	3617.0	4529.0	4101.0
Organic chemicals	12640.0	14443.0	15702.0
Fertilizers	6182.0	9221.0	7413.0
Plastic and articles thereof	7571.0	8446.0	9611.0
Mineral fuels, mineral oils and products of there distillation; bituminus substances; mineral waxes	115929.0	172754.0	181345.0
Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts	27211.0	32865.0	29820.0
Natural or cultured pearls, precious or semiprecious stones; pre metals, clad with premetal and articles thereof; IMIT; jewelry; coin	77054.0	91075.0	83896.0

Source: Ministry of Commerce & Industry, Export Import Data Bank.

Table 14.2.4.1 - Selected Data on Merchandise Trade - China - 2000/2013

	2000	2005	2006	2007	2008
(1)	(2)	(3)	(4)	(5)	(6)
Import from major trade partners					
Hong Kong, China	9429	12225	10780	12804	12916
India	1353	9766	10277	14617	20259
Japan	41510	100408	115673	133942	150600
Korea, Rep.	23207	76820	89724	103752	112138
Taiwan, China	25494	74680	87099	101027	103338
South Africa	1037	3443	4085	6618	9235
Germany	10409	30723	37879	45383	55790
Russia	5770	15890	17554	19689	23833
Brazil	1621	9993	12909	18342	29863
United States of America	22363	48622	59211	69391	81360
Australia	5024	16194	19323	25840	37435
ASEAN	22181	74994	89527	108386	117003
European Union	30845	73580	90319	110935	132634
Export to major trade partners					
Hong Kong, China	44518	124473	155309	184436	190729
India	1561	8934	14581	24011	31585
Japan	41654	83986	91623	102009	116132
Korea, Rep.	11292	35108	44522	56099	73932
Taiwan, China	5039	16550	20733	23460	25877
South Africa	1014	3826	5768	7428	8618
Germany	9278	32527	40315	48714	59209
Russia	2233	13211	15832	28466	33076
Brazil	1224	4827	7380	11372	18807
United States	52099	162891	203448	232677	252384
Australia	3429	11062	13625	17990	22247
ASEAN	17341	55367	71311	94147	114317
European Union	38192	143704	181980	245178	293148
Exports by principal commodities					
Mechanical and electrical products	105313	426747	549402	701171	822930
High and new-technology products	37043	21248	281425	347825	415611
Rolled steel	2229	13080	26230	44133	63442
Automatic data processing machines components	10994	76307	93018	123715	135019
Parts for automatic data processing equipments	5583	28356	32619	32294	31371
Telephone sets[2]	1693	2123	2842	38761	41491
Ships	1497	4578	8006	11944	19123
Furniture	3565	13504	17129	22146	26911
Garments (excluding knitwear and crochet)	17478	32432	39657	43644	46763
Garments, knitted or crocheted	12454	27878	41220	56871	54556
Imports by principal commodities					
Mechanical and electrical products	102872	350378	427728	498984	538656
High and new-technology products	52503	197708	247309	286986	341941
Soybean	2270	7779	7489	11472	21813
Iron ore	1858	18373	20913	33796	60532
Crude oil	14861	47723	66411	79771	129335
Petroleum products refined	3657	10435	15549	16437	30044
Rolled steel	8536	24608	19827	20553	23433
Motor vehicles and chassis	1193	5115	7526	10956	15173
Automatic data processing machines and components	4516	18021	19925	22397	25402
Parts for automatic data processing equipments	5367	15686	18180	16839	14978

(Contd.)

Table 14.2.4.1 - Selected Data on Merchandise Trade - China - 2000/2013

	2009	2010	2011	2012	2013[1]
(1)	(2)	(3)	(4)	(5)	(6)
Import from major trade partners					
Hong Kong, China	8703	12260	15492	17880	16215
India	13727	20846	23371	18796	17028
Japan	130915	176736	194564	177834	162278
Korea, Rep.	102545	138349	162706	168738	183073
Taiwan, China	85720	115739	124909	132204	156637
South Africa	8712	14903	32108	44671	48319
Germany	55719	74261	92744	91921	94204
Russia	21233	25921	40370	44155	39618
Brazil	28277	38125	52394	52329	54086
United States	77460	102099	122129	132897	152575
Australia	39488	61122	82673	84618	98818
ASEAN	106749	154701	193018	195892	199540
European Union	127692	168370	211158	212078	220055
Export to major trade partners					
Hong Kong, China	166229	218302	267983	323431	384792
India	29656	40915	50537	47678	48443
Japan	97868	121043	148270	151622	150275
Korea, Rep.	53670	68766	82920	87678	91176
Taiwan, China	20501	29674	35109	36777	40644
South Africa	7366	10800	13362	15323	16831
Germany	49916	68047	76400	69210	67348
Russia	17519	29612	38904	44056	49595
Brazil	14119	24461	31837	33420	36192
United States	220802	283287	324453	351777	368427
Australia	20642	27220	33910	37728	37560
ASEAN	106257	138160	170071	204255	244070
European Union	236197	311219	355975	333959	338985
Exports by principal commodities					
Mechanical and electrical products	713113	933434	1085589	1179338	1265527
High and new-technology products	376909	492414	548788	601164	660330
Rolled steel	22272	36819	51266	51487	53235
Automatic data processing machines components	122360	163953	176285	185321	182175
Parts for automatic data processing equipments	25728	30688	29930	29623	28600
Telephone sets[2]	41537	48927	64805	82987	97169
Ships	27095	39203	41805	36111	26253
Furniture	25329	32986	37942	48817	51826
Garments (excluding knitwear and crochet)	42654	49169	57363	55021	61009
Garments, knitted or crocheted	48068	59700	71518	77954	86897
Imports by principal commodities					
Mechanical and electrical products	491420	660313	753289	782627	840080
High and new-technology products	309843	412673	462992	507078	558193
Soybean	18787	25081	29834	34990	37985
Iron ore	50140	79427	112407	95740	105728
Crude oil	89256	135151	196664	220800	219654
Petroleum products refined	16984	22343	32699	33072	31931
Rolled steel	19480	20112	21576	17805	17049
Motor vehicles and chassis	15403	30665	43183	47569	48861
Automatic data processing machines and components	23774	29281	31675	36938	30829
Parts for automatic data processing equipments	13124	18656	16706	17250	16944

Sources: General Administration of Customs of the People's Republic of China
Footnotes: (1) Preliminary data. (2) From 2007 Telephone Sets include Wireless Telephone and handsets (including installed in the vehicle)

Table 14.2.4.2 - Top 10 Commodities Exported to BRICS Countries - China - 2013

Brazil			India		
	Value[1]			Value[1]	
Commodity	million US$	Variation(%)[2]	Commodity	million US$	Variation(%)[2]
1. Mechanical and electrical products	21497	6.4	1. Mechanical and electrical products	25858	-1.4
2. Hi-tech products	8605	6.4	2. Hi-tech products	12177	9.7
3. Textile yarn, fabrics and made-up articles	2370	7.6	3. Automatic data processing machines and units	3250	13.6
4. Garments and clothing accessories	1746	15.0	4. Textile yarn, fabrics and made-up articles	2934	9.6
5. Liquid crystal display panel	1412	-4.7	5. Fertilizer	1907	-35.7
6. Products of steel or iron	1291	26.0	6. Products of steel or iron	1693	-25.4
7. Automatic data processing machines and units	893	-5.6	7. Telephone sets	1450	38.4
8. Agriculture products	857	25.2	8. Medical and pharmaceutical products	1268	4.3
9. Suit-case, hand bags and similar containers	660	5.7	9. Garments and clothing accessories	845	61.8
10. Parts for use with apparatus of TV sets, radio sets and wireless telecommunications equipments	650	3.6	10. Diodes and similar semiconductors	733	109.9

Russia			South Africa		
	Value[1]			Value[1]	
Commodity	million US$	Variation(%)[2]	Commodity	million US$	Variation(%)[2]
1. Mechanical and electrical products	22621	2.4	1. Mechanical and electrical products	7782	17.6
2. Garments and clothing accessories	9267	45.4	2. Hi-tech products	2496	39.4
3. Hi-tech products	6406	-4.7	3. Garments and clothing accessories	1926	1.0
4. Textile yarn, fabrics and made-up articles	3153	13.8	4. Textile yarn, fabrics and made-up articles	987	1.1
5. Footwear and parts thereof	3131	20.4	5. Footwear and parts thereof	854	-17.7
6. Agriculture products	2100	8.2	6. Furniture and parts	821	11.3
7. Automatic data processing machines and units	2043	-22.6	7. Automatic data processing machines and units	662	4.3
8. Telephone sets	1302	49.2	8. Products of steel or iron	493	30.4
9. Products of steel or iron	1104	12.6	9. Diodes and similar semiconductors	486	1045.4
10. Auto parts and accessories	1098	5.0	10. Solar cells	456	1101.0

Source: General Administration of Customs of the People's Republic of China.
Footnotes: (1) Preliminary data.
(2) From previous year.

Table 14.2.4.3 - Top 10 Commodities Imported from BRICS Countries - China - 2013

Brazil			India		
	Value[1]			Value[1]	
Commodity	million US$	Variation(%)[2]	Commodity	million US$	Variation(%)[2]
1. Agriculture products	22505	20.4	1. Agriculture products	3295	-19.8
2. Iron ores and concentrates	21424	-5.6	2. Cotton	2240	-26.1
3. Grainfood	19122	34.0	3. Textile yarn, fabrics and made-up articles	2132	92.2
4. Crude petroleum oil	3803	-18.6	4. Unwrought copper and copper products	1872	-13.7
5. Pulp	1764	8.5	5. Diamonds	1710	36.6
6. Sugar	1433	26.6	6. Iron ores and concentrates	1469	-60.0
7. Mechanical and electrical products	755	-50.6	7. Mechanical and electrical products	1316	9.0
8. Bovine or equine leather	698	19.4	8. Plastics in primary forms	540	-8.9
9. Edible vegetable oils	506	-56.1	9. Hi-tech products	454	-1.6
10. Cotton	326	-60.0	10. Xylenes	277	-17.2

Russia			South Africa		
	Value[1]			Value[1]	
Commodity	million US$	Variation(%)[2]	Commodity	million US$	Variation(%)[2]
1. Crude petroleum oil	19740	-3.6	1. Iron ores and concentrates	6024	8.6
2. Refined petroleum products	4098	-33.5	2. Diamonds	2407	75.2
3. Coal and lignite	2781	15.8	3. Chromium ore and concentrates	1153	30.7
4. Agriculture products	1570	0.9	4. Coal and lignite	1097	-30.1
5. Iron ores and concentrates	1413	-20.4	5. Manganese ores and concentrates	916	61.4
6. Wood in the rough	1408	-9.9	6. Agriculture products	498	17.1
7. Wood sawn length wise, sliced/peeled	1362	6.1	7. Mechanical and electrical products	420	62.7
8. Frozen fish	1303	1.6	8. Waste and scrap of metals	217	15.6
9. Fertilizer	1206	-27.9	9. Wool	189	9.7
10. Pulp	589	-17.4	10. Motor vehicles (incl.CDK and SDK)	185	87.2

Source: General Administration of Customs of the People's Republic of China.
Footnotes: (1) Preliminary data.
(2) From previous year.

Table 14.2.5 - Selected Data on Merchandise Trade: BRICS Countries - South Africa - 2010

(million US$)

Commodities	Brazil	Russia	India	China	All countries
(1)	(2)	(3)	(4)	(5)	(6)
Import					
Natural or cultured pearls, precious or semi-precious	1349653	105218	2835009	11478115	79988907
Stones, precious metals, metals clad with precious metal and articles thereof; imitation jewellery, coins	186709	2	21641	56230	683004
Mineral products	38250	503	66634	101077	1273196
Base metals and articles of base metal	16911	11018	6422	914	833935
Vehicles, aircraft, vessels and associated transport equipment	112666	48	71937	114584	2036677
Machinery and mechanical appliances, electrical equipment; parts thereof, sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	68160	9718	851363	153875	16000785
Products of the chemicals or allied industries	67174	30006	404650	665562	7665828
Vegetable products	34011	5485	98498	507409	3252115
Prepared foodstuffs, beverages, spirits, and vinegar; tobacco and manufactured tobacco substitutes	26653	65	24979	151234	311062
Pulp of wood or of other fibrous celluloisic material; waste and scrap of paper or of paperboard; paper and paperboard and articles thereof	17471	461	1220	53564	301292
Plastics and articles there of; rubber and articles thereof	24153	275	25845	119988	1293405
Live animals, animal products	6287	310	152366	1369239	2512935
Miscellaneous manufactured articles	7631	46	19020	626292	817118
Textiles and textile articles	17645	36	23406	290244	1002902
Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus, clocks and watches, musical instruments; parts and accessories thereof	230	6634	53179	60939	814863
Wood and articles of wood, wood charcoal, cork and articles of cork, manufactures of straw, of esparto or of other plaiting material, basketware and wickerwork	61367	29231	193337	826504	3749293
Other unclassified goods	209412	8615	365349	5040790	20314335
Articles of stone, plaster, cement, asbestos, mica or similar materials, ceramic products, glass and glassware	138137	1866	383081	368633	8202400
Raw hides and skins, leather, furskins and articles thereof; saddlery and harness, travel articles, handbags and similar containers; articles of animal gut (other than silkworm-gut)	6671	892	19208	212846	2188443
Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes					1303452
Footwear, headgear, umbrellas, sun umbrellas, walking-sticks, seat-sticks, whips, riding-crops and parts thereof; prepared feathers and articles made there with, artificial flowers, articles of human hair	4981	5	25307	717411	23819
Works of art, collectors' pieces and antiques	9	0	397	1841	5182740
Special classification provisions: original equipment components	19	2	1227	591	181875
Not allocated	305107		25944	38348	43430

(Contd.)

Table 14.2.5 - Selected Data on Merchandise Trade: BRICS Countries - South Africa - 2010

(million US$)

Commodities	Brazil	Russia	India	China	All countries
(1)	(2)	(3)	(4)	(5)	(6)
Exports	714624	283130	2970265	8104279	80604467
Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal and articles thereof; imitation jewellery, coins	1356	118	70069	248273	20822200
Mineral products	2807	51763	2015253	5780285	17289474
Base metals and articles of base metal		18033	353233	1364162	12587162
Vehicles, aircraft, vessels and associated transport equipment	10929	1878	10251	15932	6897416
Machinery and mechanical appliances, electrical equipment; parts there of, sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	147569	39695	78988	93571	6517511
Products of the chemicals or allied industries	141268	2103	287741	191856	4253062
Vegetable products	54856	145167	5723	9813	2898575
Prepared foodstuffs, beverages, spirits, and vinegar; tobacco and manufactured tobacco substitutes	148	20410	4818	58967	2684549
Pulp of wood or of other fibrous celluloisic material; waste and scrap of paper or of paperboard; paper and paperboard and articles thereof	61	327	55748	99665	1485604
Plastics and articles thereof; rubber and articles thereof	3918	545	27716	86555	1297720
Live animals, animal products	1537	378	58	19013	713305
Miscellaneous manufactured articles	802	35	640	441	669863
Textiles and textile articles	5188	1938	33786	91785	611845
Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus, clocks and watches, musical instruments; parts and accessories thereof	313	180	6267	4420	403940
Wood and articles of wood, wood charcoal, cork and articles of cork, manufactures of straw, of esparto or of other plaiting material, basketware and wickerwork	211100	16	138	417	375269
Other unclassified goods	121433		172		340167
Articles of stone, plaster, cement, asbestos, mica or similar materials, ceramic products, glass and glassware	8299	59	18346	2975	282283
Raw hides and skins, leather, furskins and articles thereof; saddlery and harness, travel articles, handbags and similar containers; articles of animal gut (other than silkworm-gut)	2430	290	1019	31153	208976
Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes			1	4502	175619
Footwear, headgear, umbrellas, sun umbrellas, walking-sticks, seat-sticks, whips, riding-crops and parts there of; prepared feathers and articles made there with, artificial flowers, articles of human hair	213	5	24	228	47508
Works of art, collectors' pieces and antiques	167	190	273	265	39935
Special classification provisions: original equipment components	233			2	2484

Source: South African Revenue Services.

Table 14.3.1 - Selected Data on Foreign Direct Investment - FDI - Brazil - 2000/2013

(million US$)

FDI inflow by source	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Netherlands	2228	3506	8129	4639	6515	6702	17582	12213	10511
United States	5398	4522	6073	7047	4902	6144	8909	12310	9021
Spain	9592	1564	2202	3851	3424	1524	8593	2523	2246
Germany	374	867	1801	1086	2473	538	1125	826	1011
Canada	192	1287	819	1442	1372	751	1789	1950	1215
Portugal	2514	347	517	1051	384	1203	491	551	596
France	1909	763	1233	2880	2141	3479	3086	2155	1489
Switzerland	306	1659	905	803	380	6445	1194	4333	2333
Japan	384	660	501	4099	1673	2502	7536	1471	2516
Argentina	112	126	70	127	80	100	97	262	82
Mexico	224	782	409	220	167	143	297	386	534
Chile	29	27	717	264	1027	941	830	2013	2963
India	...	18	28	20	16	25	11	25	28
China	...	7	24	38	83	395	179	185	110
South Africa	...	10	2	5	3	4	33	11	25
Venezuela	...	13	18	10	9	4	9	25	11
Ecuador	...	2	5	5	3	2	3	6	3
Colombia	...	232	167	54	152	188	47	156	69
Russia	...	1	1	3	2	7	2	3	3
Luxembourg	...	746	2857	5937	537	8819	1867	5965	5067
United Kingdom	...	426	1053	693	1032	1030	2749	1978	1203
Italy	...	254	313	385	232	300	457	986	902
Bahamas	...	65	603	1101	52	109	96	138	562
South Korea	...	110	265	628	132	1045	1075	875	544
Belgium	...	278	91	78	93	75	420	656	473
Cayman Islands	...	1974	1604	1556	1092	406	612	619	176
Bermudas	...	515	1497	1038	380	854	800	151	169
British Virgin Islands	...	286	371	1048	403	1059	1138	857	265
Norway	...	369	284	207	671	1540	1073	936	405
Australia	...	117	494	1154	707	556	1079	518	329
Austria	...	16	116	93	48	3420	1508	108	89
Bahamas	...	65	603	1101	52	109	96	138	562
Uruguay	...	237	212	424	198	275	301	567	130
Hong Kong	...	101	13	35	34	83	2077	508	136
Sweden	...	20	64	55	214	387	467	476	408
Denmark	...	97	122	171	47	295	151	483	338
Panama	...	140	141	96	132	132	248	228	312
Singapore	...	79	24	91	91	38	252	999	271
Other countries	...	483	0	921	728	955	1248	1952	2236

Source: Central Bank Brazil.
Footnote: 1. Includes FDI - Equity gross inflows and excludes FDI - Other capital.

Table 14.3.2 - Selected Data on Foreign Direct Investment - FDI - Russia - 2000/2013

(million US$)

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
FDI inflow by source	4429	13678.0	27797.0	27027.0	15906.0	13810.0	18415.0	18666.0	26118.0
Cyprus	678.0	3788	6280	6542	3704	3451	4706.0	5844.0	9763.0
Germany	341.0	634.0	1123	3560	2313	2582	1732.0	1768.0	3974.0
Netherlands	610.0	3900	13669.0	5496	1441	1516	3308.0	1551.0	3102.0
France	97.0	343.0	663.0	879.0	758.0	960.0	776.0	1242.0	758.0
United Kingdom	262.0	563.0	515.0	1210	542.0	584.0	311.0	755.0	643.0
Republic of Korea	7.0	78.0	47.0	226.0	494.0	520.0	281.0	312.0	169.0
India	0.0	352.0	226.0	312.0	396.0	512.0	612.0	488.0	488.0
Finland	87.0	162.0	506.0	763.0	676.0	389.0	608.0	505.0	720.0
Austria	22.0	286.0	360.0	1144	440.0	371.0	853.0	952.0	886.0
Virgin Islands (British)	65.0	979.0	658.0	2002	703.0	307.0	1442.0	971.0	410.0
Brazil		0.4						1.0	0.0
China	3.0	106.0	229.0	110.0	301.0	121.0	591.0	212.0	254.0
South Africa	0.0	5.0	0.2	0.0	1.0	0.1		0.6	2.0
FDI outflows by destination	382.0	3208	9179	21818.0	17454.0	10271.0	19040.0	17426.0	76265.0
Netherlands		157.0	6728	6642	10023	6492	9363.0	6785.0	7281.0
Cyprus		1203	482.0	8664	3514	1262	2284.0	4409.0	5154.0
Belarus	77.0	1.0	634.0	665.0	658.0	675.0	2510.0	70.0	4.0
Switzerland		25.0	3.0	1014.0	592.0	496.0	419.0	186.0	20.0
United States of America		192.0	550.0	3678	856.0	235.0	479.0	191.0	87.0
Ukraine	10.0	9.0	15.0	9.0	26.0	213.0	21.0	38.0	48.0
Germany	0.0	137.0	70.0	277.0	79.0	186.0	147.0	25.0	38.0
Virgin Islands (British)	0.0	38.0	7.0	69.0	30.0	152.0	175.0	355.0	53918.0
Italy	0.0		0.0	63.0	3.0	112.0		-	28.0
Turkey	0.1	1.0	104.0	77.0	48.0	81.0	502.0	0.0	936.0
India		0.0			0.0	0.0		1.0	0.1
China	0.6	4.0	2.0	12.0	0.0	0.0	7.0	43.0	36.0
Brazil								0.2	-
South Africa								-	-

Source: Federal State Statistics Service of the Russian Federation.
Footnote: According to organisations that provide statistical reports (excluding monetary authorities, commercial banks), including Rouble proceeds converted into US dollars.

Table 14.3.4 - Selected Data on Foreign Direct Investment - FDI - China - 2000/2013

(million US$)

	2000	2006	2007	2008	2009	2010	2011	2012	2013
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
FDI inflow by source									
Hong Kong, China	15500	20233	27703	41036	46075	60567	70500	65561	73397
Virgin Is.	3833	11248	16552	15954	11299	10447	9725	7831	6159
Singapore	2172	2260	3185	4435	3605	5428	6097	6305	7229
Korea, Rep.	1490	3895	3678	3135	2700	2692	2551	3038	3054
Cayman Is.	624	2095	2571	3145	2582	2499	2242	1975	1668
United States	4384	2865	2616	2944	2555	3017	2369	2598	2820
Samoa	283	1538	2170	2550	2020	1773	2076	1744	1858
Taiwan, China	2296	2136	1774	1899	1881	2476	2183	2847	2088
Germany	1041	1979	734	900	1217	888	1129	1451	2078
Mauritius	265	1033	1333	1494	1104	929	1139	959	910
India	10	52	34	88	55	49	42	44	27
Brazil	4	56	32	39	52	57	43	58	23
South Africa	9	95	69	26	41	66	13	16	13
Russia	16	67	52	60	32	35	31	30	22
FDI outflows by destination[(1)]									
Hong Kong, China	...	6931	13732	38640	35601	38505	35655	51238	...
Cayman Is.	...	7833	2602	1524	5366	3496	4936	827	...
Australia	...	88	532	1892	2436	1702	3165	2173	...
Luxembourg	...		4	42	2270	3207	1265	1133	...
Virgin Is.	...	538	1876	2104	1612	6120	6208	2239	...
Singapore	...	132	398	1551	1414	1119	3269	1519	...
United States	...	198	196	462	909	1308	1811	4048	...
Canada	...	35	1033	7	613	1142	554	795	...
Macao, China	...	-43	47	643	456	96	203	17	...
Myanmar	...	13	92	233	377	876	218	749	...
Russia	...	452	478	395	348	568	716	785	...
Brazil	...	10	51	22	116	487	126	194	...
South Africa	...	41	454	4808	42	411	-14	-815	...
India	...	6	22	102	-25	48	180	277	...

Source: a) Ministry of Commerce of the People's Republic of China.
Footnote: (1) FDI outflows from 2003 to 2006 did not include financial intermediation, FDI outflows from 2007 and on included all sector.

Table 14.4.1 - Balance of Payments - Brazil - 2013

(million US$)

Type of transaction	Balance	Credit	Debit
(1)	(2)	(3)	(4)
Current account[(1)]	-81074	304227	385301
Balance on goods (FOB)	2553	249543	246990
Services and income (net)	-86994	49204	136197
Services	-47216	39133	86349
Income	-39778	10071	49848
Current unilateral transfers	3366	5480	2114
Capital and financial account	74147	481270	407123
Capital account[(1)]	1193	1632	438
Financial account	72954	479638	406684
Direct investment	67541	114060	46520
Portfolio investments	25689	248756	223067
Financial derivatives	110	497	387
Other investments	-20386	116324	136711
Errors and omissions[(1)]	1001		
Overall balance[(1)]	-5926		

Source: Central Bank of Brazil.
Footnote: (1) Includes capital unrequited transfers and granting of brands and patents.

Table 14.4.2 - Balance of Payments - Russia - 2012

(million US$)

Type of transation[(1)]	**Balance**
(1)	(2)
Current account	72016
Goods and services	145810
Primary income	-67661
Compensation of employees	-11831
Investments	-56838
Rent	1008
Secondary income	-6133
Capital account	-5218
Finance account	-56501
Direct investment	1765
Portfolio investments	17031
Financial derivatives	-1356
Other investments	-43925
Reserve assets	-30017
Net error and omission	-10297

Source: Bank of Russia.
Footnote: (1) Can be listed respectively for each BRICS countries.

Table 14.4.3 - Balance of Payments - India - 2010-2013

(million US$)

	2010-2011			2011-2012			2012-2013		
	Credit	Debit	Net	Credit	Debit	Net	Credit	Debit	Net
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
A. Current account									
I. Merchandise	256159	383481	-127322	309774	499533	-189759	306581	502237	-195656
II. Invisibles	190488	111218	79269	219229	107625	111604	224044	116551	107793
Total current account (I+II)	446647	494700	-48053	529003	607158	-78155	530625	618788	-88163
B. Capital account									
1. Foreign Investment	292561	250435	42127	234618	195387	39231	215027	168316	46711
2. Loans	108781	79646	29135	140990	121683	19307	155085	123961	31124
3. Banking capital	92323	87361	4962	89904	73678	16226	83727	67157	16570
4. Rupee debt service	0	68	-68	0	79	-79	0	58	-58
5. Other capital	9995	22411	-12416	13296	20224	-6929	17861	22908	-5047
Total capital account (1 to 5)	503660	439921	63740	478808	411052	67755	471701	382401	89300
C. Errors and omissions	0	2636	-2636	0	2432	-2432	2689	0	2689
Overall balance (A+B+C)	949212	936162	13050	1007811	1020643	-12831	1005015	1001189	3826

Source: Reserve Bank of India, *HandBook of Statistics on Indian Economy.*

Table 14.4.4 - Balance of Payments - China - 2012

(million US$)

Type of transaction	**Balance**	**Credit**	**Debit**
(1)	(2)	(3)	(4)
Current account	193139	2459926	2266786
Goods and services	231845	2248317	2016472
Goods	321595	2056887	1735292
Services	-89750	191430	281180
Income and profit	-42139	160441	202581
Compensation of staff and workers	15278	17066	1788
Profit from investment	-57417	143376	200793
Current transfers	3434	51167	47733
Governments	-3098	863	3961
Other departments	6531	50304	43772
Capital and finance account	-16816	1378322	1395138
Capital account	4272	4550	278
Financial account	-21089	1373772	1394861
Direct investments	191120	307887	116767
Securities	47779	82941	35162
Other investments	-259988	982944	1242932
Reserve assets	-96552	13551	110103
Gold reserves			
SDR (Special Drawing Rights)	505	695	189
China’s position in IMF	1616	1616	0
Foreign currencies	-98673	11240	109913
Net error and omission	-79771	...	79771

Source: State Administration of Foreign Exchange.

Table 14.4.5 - Balance of Payments - South Africa - 2011

(million US$)

Type of transaction	Balance	Credit	Debit
(1)	(2)	(3)	(4)
Current account	-13621		
Balance on goods (FOB)[1]	2260	102924	100665
Services and income (net)	-13923		
Services	-4744	14866	19610
Income	-9179	5255	14434
Current transfers	-1958	1556	3514
Capital and financial account[2][3][4]	1361833	53	20
Capital account[5]			
Financial account	13585		
Direct investment	6268	6011	-257
Portfolio investments	-2255	6324	8579
Financial derivatives			
Other investments	4076	5929	1854
Errors and omissions[2][6]	10005		
Overall balance[2]	-4509		

Source: South African Reserve Bank.

Footnotes: (1) Public customs figures adjusted for balance-of-payment purposes.

(2) Investments by foreigners in undertakings in South Africa in which they have individual or collectively in the case of affiliated organisations or persons, at least 10 per cent of the voting rights.

(3) Investments by South African residents in undertakings abroad in which they have at least ten per cent of the voting rights.

(4) Transactions on the current, capital transfer and financial accounts.

(5) Commodity gold Prior to 1981 net gold exports comprised net foreign sales of gold plus changes in gold holdings of the South African Reserve Bank and other banking institutions.

(6) Liabilities related to foreign reserves include all foreign liabilities of South African Reserve bank and short term foreign loans to the central government by international organisations.

Explanatory Notes

Russia

Export of goods - removal of goods (commodities) from the Russian Federation territory without of a guarantee of the return them back. Export includes the removal of domestically produced goods and reexport of goods as well. Domestically produced goods include also foreign manufactured goods imported into the country and significantly reprocessed and as a result changed their qualitative and technical characteristics. Re-exports - goods imported to the territory of the Russian Federation and then removed from its territory without payment of customs dues, taxes and application of embargo of economic restrictions. Recording of the good exports is realised by FOB prices or border prices of the exporting country.

Import of goods - importing of goods into the Russian Federation territory without a guarantee of the return them removed back. Imports include the brought goods for consumption in the economy and good imported into the country territory in according to the reimport system. Re-imported goods are those moved out from the Russian Federation territory and then moved in this territory without payment of custom dues, taxes and application of embargo or economic restrictions. Recording of the good import is realised by in franco-border prices of the importing country (CIF), i.e., prices of goods include expenditures on the insurance and transportation to the border of the importing country.

Balance of payments data are presented in accordance with the 6th version of the IMF's Balance of Payments and International Investment Position Manual. In the table 14.2.2 data on import and export of Russia are presented about the major trade partners and BRICS countries.

India Exports are credited to the country of final destination as declared by explorers in the shipping bill whether that country possesses a sea-port or not. The country of final destination is defined as that to which goods exported from India are intended to pass whether by sea and land or by sea only or by air without interruption of transit, save in the course of transshipment or transfer from one means of conveyance to another.

Imports are classified with reference to the countries whence they were consigned to India and not with reference to the countries whence they were shipped directly to India. The country of consignment is defined as that from which the goods have come whether

by land or sea or by sea only or by air, without interruption of transit save in the course of transshipment or transfer from one means of conveyance to another. Thus the countries where goods are consigned are not in all cases the countries of actual origin of goods produces in one country maybe purchased by a firm in another country and then dispatched after an interval to India.

The data for Imports, Exports and Re-exports given are according to the Indian Trade Classification (based on harmonized Commodity description and coding system).

External Debt to GDP includes Long term debts as Multilateral loans, bilateral loans, International Monetary Funds Trade Credit, External Commercial borrowings; non-Resident Indian deposits, Rupees debts and Short term deposit.

Under current account of the BoP, transactions are classified into merchandise (export and imports) and invisibles. Invisible transactions are further classified into three categories, namely a) Service- travel, transportation, insurance, Government not included elsewhere (GNIE) and miscellaneous (such as, communication, construction, financial, software, news agency, royalties, management and business services); b) Income; and c) Transfers (grants, gifts, remittances, etc.) which do not have any quid pro quo. Under the Capital Account, capital inflows can be classified by instrument (debt or equity) and maturity (short or long term). The main components of the capital account include foreign investment, loans and banking capital. Foreign investment, compromising Foreign Direct Investment consisting of Foreign Institutional Investors (FIIs) investment, American Depository Receipts? Global Depository receipts (ADRs/GDRs) represents non-debt liabilities, while loans external assistance, (external commercial borrowings and trade credit) and banking capital, including non-resident India (NRI) deposits are liabilities.

China

Foreign Trade statistics and Coverage China's official external trade statistics is implemented by General Administration of Customs of the Peoples Republic of China. It's compiled from the declarations, which are made to the Customs by imports, exports or their agents and subject to verification by customs officers at the time of customs clearance. External Statistics comprise all merchandise passing through China's Customs territory (with the exceptions mentioned below). Including: goods from abroad entering customs warehouses, bonded areas or special economic zones (SEZ) and goods leaving abovementioned areas to abroad; goods for inward or outward processing or assembling and subsequent re-exportation or re-importation; goods on lease for one year or more; goods imported or exported by foreign-invested enterprises; international aid or donations, etc. Excluding: Customs statistics do not cover temporary imports or exports; goods on lease for less than one year; travellers' personal effects; ship's and aircraft' bunkers and stores obtained abroad; monetary gold and coins being legal tender; goods in transit through China.

Import and Export Valuation Imports are valued on a CIF basis, which is based on the transaction value and all freight, insurance and other charges incurred before discharging the goods at the first port of entry of China. Exports are valued on a FOB basis, which is based on the transaction value at China's port of shipment equivalent of the actual price at which the goods are sold. The statistical value is expressed in RMB and USD respectively. Any transaction value in terms of a currency other than RMB or USD shall be converted into RMB or USD at the exchange rate between issued by the State Administration of Foreign Exchange.

Trading Partner The country of origin is recorded for imports while the country of final destination for exports. The country of origin refers to the country or region where the imported goods have been grown, mined or manufactured. If two or more countries (regions) were involved in the manufacture of the products, the place where the last substantial working or processing was carried out will be recorded as the country (region) of origin. However, the countries (regions) of origin of the imported goods are not quite clear will be recorded as "country unkown". The country of final destination refers to the country or region where the exported goods are to be consumed, utilized or further processed or manufactured. In instance where the country of final destination can not be ascertained, the exports will be credited to the final country (region) dispatched to as known at the time of exportation.

Inflows of FDI refer to the investments inside China by foreign enterprises and economic organizations or individuals (including overseas Chinese, compatriots from Hong Kong, Macao and Taiwan, and Chinese enterprises registered abroad), following the relevant policies and laws of China, for the establishment of ventures exclusively with foreign own investment, Sino-foreign joint ventures and cooperative enterprises or for co-operative exploration of resources with enterprises or economic organizations in China.

It includes the re-investment of the foreign entrepreneurs with the profits gained from the investment and the funds that enterprises borrow from abroad in the total investment of projects which are approved by the relevant department of government.

Outflows of FDI refer to investment made by domestic enterprises and organizations (referred to as domestic investors) in foreign countries and Hong Kong, Macao and Taiwan regions in the form of cash, in-kind, intangible assets and other ways, and the economic activities centering on controlling the operation and management of those foreign enterprises.

The Balance of Payments (BOP) is a statement that summarizes economic transactions between residents and nonresidents during a specific time period.

The International Investment Position (IIP) shows at a point in time the value of: financial assets of residents of an economy that are claims on nonresident or are gold bullion held as reserve assets; and the liabilities of residents of an economy to nonresidents.

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