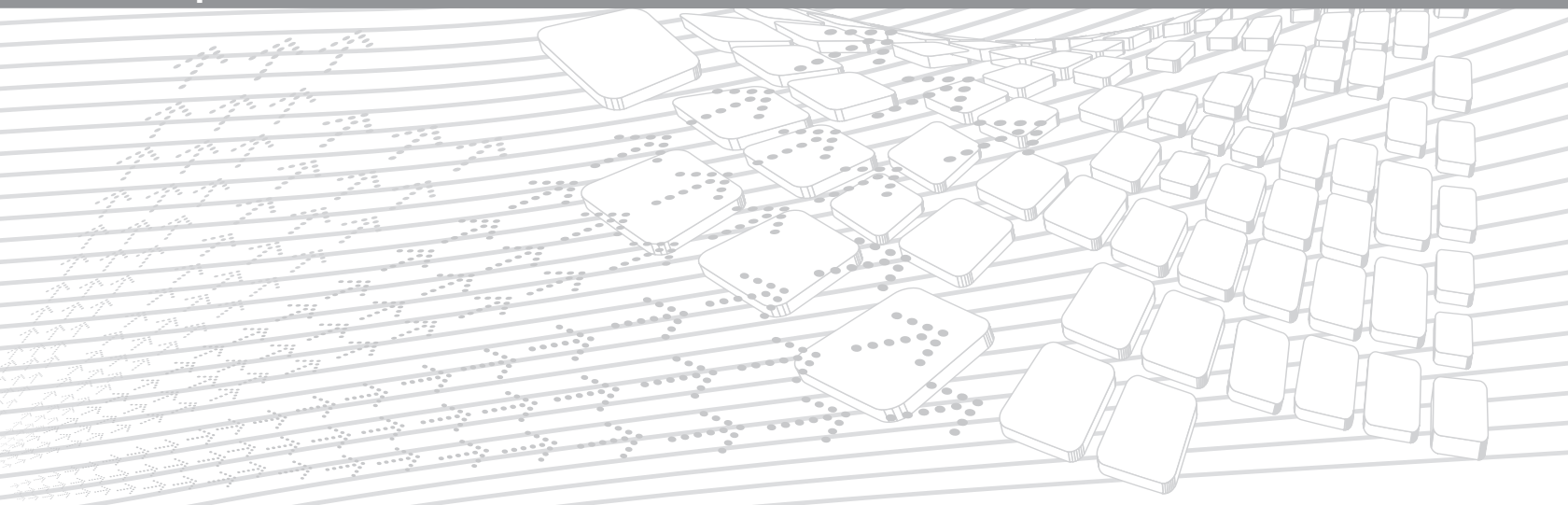




Chapter 1: Economic and Social Indicators Comparison of BRICS Countries
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Graph 9.1 Index of Industrial Production (Preceding Year = 100)

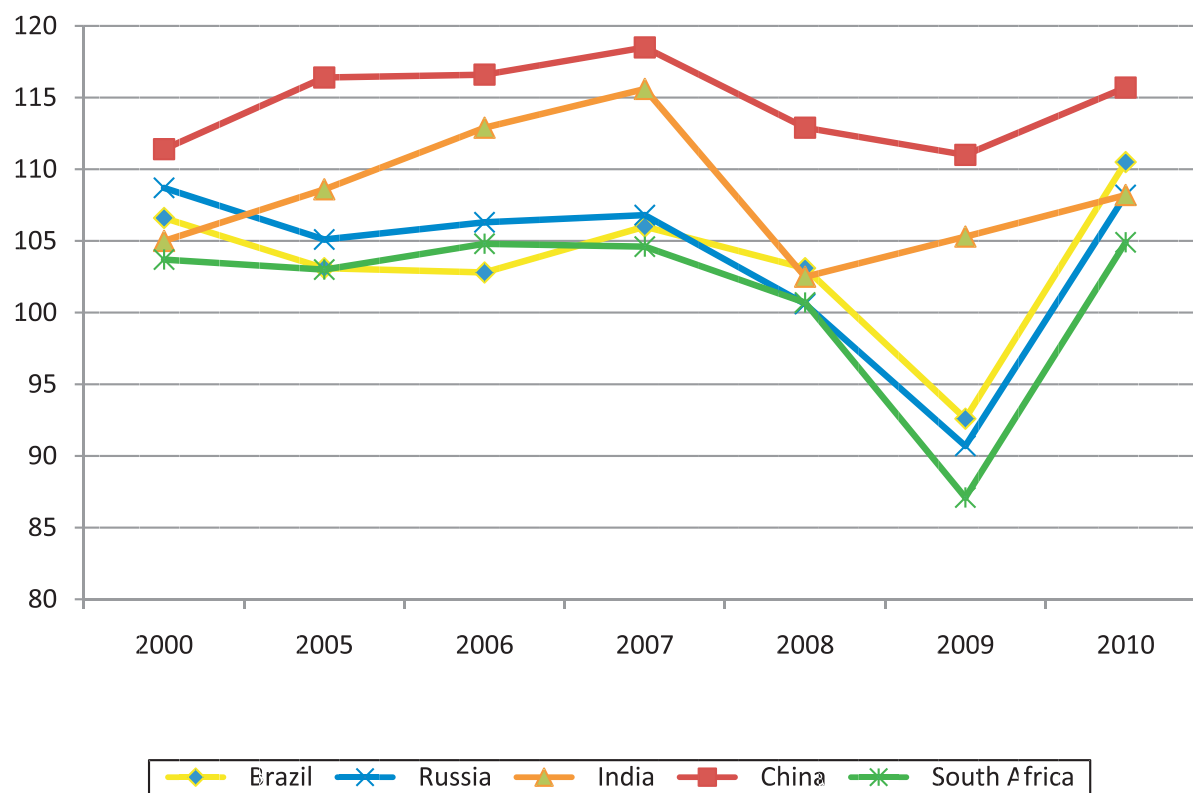


Table 9.1 Summary of Industry

	Unit	2000	2005	2006	2007	2008	2009	2010	2011
Indices of Industrial Production									
(preceding year=100)									
Brazil		106.6	103.1	102.8	106	103.1	92.6	110.5	
Russia ⁽²⁾		108.7	105.1	106.3	106.8	100.6	90.7	108.2	105
India ⁽⁴⁾		105.0	108.6	112.9	115.6	102.5	105.3	108.2	
China ^{(7) (8)}		111.4	116.4	116.6	118.5	112.9	111	115.7	113.9 ⁽⁹⁾
South Africa		103.7	103.0	104.8	104.6	100.7	87.1	104.9	
Production of Petroleum									
Brazil	million tonnes	62	83	87	88	92	99	104	
Russia	million tonnes	324	470	481	491	488	494	505	509
India ⁽⁵⁾	million tonnes	32	32	34	34	34	34		
China ⁽⁷⁾	million tonnes	163	181	185	186	190	189	203 ⁽⁷⁾	204
South Africa ⁽⁹⁾	million kl	21	24	24	26				
Electricity Production									
Brazil	billion kilowatt hours	349	403	419	449	463	466	475(1)	
Russia ⁽³⁾ -total	billion kilowatt hours	877.8	953.1	995.8	1015.3	1040.4	992.0	1038.0	1052
including by fuel *									
nuclear power plants*	billion kilowatt hours	130.7	149.4	156.4	160.0	163.1	163.6	170.4	173
conventional thermal power plants*	billion kilowatt hours	581.7	628.7	663.7	675.9	710.1	651.9	698.7	713
hydro and others*	billion kilowatt hours	165.4	175.0	175.7	179.4	167.2	176.5	168.9	166
India ⁽⁴⁾⁽⁵⁾	billion kilowatt hours	561	697	752	813	843	906		
China ⁽⁷⁾	billion kilowatt hours	1356	2500	2866	3282	3496	3715	4207	4700
South Africa	billion kilowatt hours	211	245	254	263	258	250	260	

Sources:

Brazil

- a) Brazilian Institute of Geography and Statistics, Annual Survey of Industry, 2000-2008.National Petroleum Agency.
- b) Electric System National Operator - NOS and Energy Research Company.
- c) Energy Research Company.

Russia

Federal State Statistics Service of the Russian Federation.

India

Central Statistics Office (Ministry of Statistics and Programme Implementation)

China

National Bureau of Statistics of China, Annual Industrial Statistical Report, 2000-2010.
Monthly Industrial Production Survey, 2011

South Africa

South African Petroleum Industry Association.

Footnotes:

Brazil

- (1) The information refers to the load power.

Russia

- (2) Index of Industrial Production is an aggregated index by kinds of economic activities.
(3) 2011 - preliminary data.

India

- (4) The data of India are by fiscal years which are from April 1 of the current year through March 31 of the next year.
(5) Gross Electricity production in utilities (including thermal, hydro & nuclear) and non-utilities.
(6) Provisional data.

China

- (7) Data for 2011 are preliminary.
(8) 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

- (9) Includes: Petrol, Jet Fuel, Illum Paraffin, Fuel Oil, Bitumen, LPG.

Table 9.2.1 - Selected Data on Output of Main Industrial Product - Brazil

	Unit	2000	2003	2004	2005	2006	2007	2008	2009
Production of Coal	million tonnes	6	5	5	6	7	7	7	7
Production of Natural Gas	million cu.m	13328	15199	16345	17880	19781	18094	21608	19757
Production of Iron Ore	million tonnes	218	256	285	357	458	517	409	341
Production of Steel	1000 tonnes	30208	37756	44992	44331	44137	51102	54935	42710
Production of Passenger Cars	1000 sets	1320	1473	1874	2176	2215	2463	2706	2692
Production of Household Refrigerators	1000 sets	4350	4876	5335	5294	6105	6414	7022	7599
Production of TV	1000 sets	6022	5801	8296	10624	12891	11393	10872	8072
Production of Mobile Cellular Subscriptions	1000 sets	10921	29330	43020	64285	61720	69265	69523	55854
Production of Washing Machines	1000 sets	3212	3099	3708	3794	4402	5937	6098	7391
Production of Fertilizers	1000 tonnes	19066	21617	31439	20878	21211	27031	28593	28132
Production of Sawnwood	1000 cu.m	13497	15651	20011	23182	29054	22674	26832	18453
Production of Paper and Paperboard	million tonnes	10	14	15	16	16	17	19	19
Production of Cement	1000 tonnes	36431	34653	34159	39649	41555	44341	52508	53629
Production of Cotton Woven Fabrics	million tonnes	0.5	0.5	0.6	0.8	1	1	1	1
Production of Woolen Woven Fabrics	1000 sets	182	1328	2531	2102	1970	2314	1835	1043
Production of Footwear	ton	8865	12073	44227	55351	22364	21091	32396	66195

Source:

Brazilian Institute of Geography and Statistics, Annual Survey of Industry, 2000-2008.

Footnote:

(1) Since 2005, the Annual Survey of Industry - Product shall investigate all companies with more than 30 employees.

Table 9.2.2 Selected Data on Output of Main Industrial Products - Russia

	Unit	2000	2005	2006	2007	2008	2009	2010	2011 ⁽¹⁾
Production of Coal	million tonnes	258	299	310	314	329	301	322	334
Production of Natural Gas	million cu.m	584	641	656	653	666	583	651	669
Production of Iron Ore ⁽²⁾	million tonnes	86.8	95.1	102	105	100	91.9	95.9	104
Production of Steel	1000 tonnes	59150	66262	70816	72370	68711	59362	66846	68398
Production of Passenger Cars	1000 sets	969	1069	1178	1294	1470	600	1210	1737
Production of Household Refrigerators ⁽³⁾	1000 sets	1327	2778	2995	3539	3728	2750	3557	4102
Production of TV	1000 sets	1116	6278	4601	6823	7028	4825	11876	14186
Production of Telephone Sets	1000 sets	847	335	308	196	192	111
Production of Household Washing Machines	1000 sets	954	1582	2016	2713	2694	2260	2758	3030
Production of Mineral Fertilizers ⁽⁴⁾	1000 tonnes	12213	16625	16207	17300	16211	14640	17957 ⁽⁵⁾	18791 ⁽⁵⁾
Production of Sawnwood ⁽⁶⁾	1000 cu.m	20583	22319	22359	24417	21783	19089	19238	20254
Production of Paper and Paperboard	million tonnes	5.3	7.1	7.4	7.6	7.7	7.4	7.6	7.6
Production of Cement	1000 tonnes	32389	48534	54731	59933	53548	44266	50389 ⁽⁷⁾	56130 ⁽⁷⁾
Production of Cotton Woven Fabrics	million sq.m	1822	2225	2222	2108	1915	1477	1542	1228
Production of Woolen Woven Fabrics	million sq.m	54.6	30.3	29.0	28.7	23.9	18.1	15.8	14.0
Production of Footwear	1000 pairs	56506	66761	78671	79237	81918	81174	102589	107120

Source:

Federal State Statistics Service of the Russian Federation.

Footnotes:

- (1) Provisional data.
- (2) Since 2010 - concentrate of iron ore.
- (3) Household refrigerators and freezers.
- (4) In terms of 100% content of nutrients.
- (5) Mineral and chemical fertilizers.
- (6) Including sleepers.
- (7) Portland cement, aluminous cement, slag cement and similar hydraulic cements.

Table 9.2.3 Selected Data on Output of Main Industrial Products - India

	Unit	2000-01	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Production of Coal	million tonnes	314	383	407	431	457	493	532 ⁽¹⁾	
Production of Natural Gas	million cu.m	29480	31760	32200	31750	32400	32850 ⁽¹⁾	47510	
Production of Iron Ore (Pig Iron+Sponge Iron)	million tonnes	9	14	17	23	26	27	26	30
Production of Crude Steel ⁽²⁾	million tonnes	27	43	46	51	54	58	66	
Production of Passenger Cars	1000 sets	524	965	1048	1239	1422	1517	1910	2453
Production of Household Refrigerators	1000 sets	2126	3334	4178	5035	6140	6715	8002	8716
Production of TV (Picture Tubes)	1000 sets	4364	8021	6800	7518	6490	6783	9206	
Production of Household Washing Machines	1000 sets	733	1464	1711	1806	2191	2564	3049	3080
Production of Fertilizers ⁽³⁾	1000 tonnes	15615	15325	15564	16153	14738	14334	16222	
Production of Paper and Paperboard	million tonnes	5	6	6	6	6	7	7	
Production of Cement (All Kinds)	million tonnes	104	125	141	155	168	181	201	
Production of Cotton Cloth									
(Excluding Hosiery)	m.sq.mtrs	15386	13225	15249	16669	17248	16720	17216	18892
Production of Footwear ⁽⁴⁾	million pairs	173	192	197	210	220	229	239	

Source:

Central Statistics Office (Energy Statistics & Index of Industrial Production), Joint Plant Committee Iron & Steel.

Footnotes:

- (1) Provisional data.
- (2) The figures against production of steel relate to crude steel.
- (3) Production of fertilizers relate to nitrogenous and phosphatic fertilizers.
- (4) Includes leather footwear Indian and western type.

Table 9.2.4 - Selected Data on Output of Main Industrial Products - China

	Unit	2000	2005	2006	2007	2008	2009	2010	2011 ⁽¹⁾
Production of Coal	million tonnes	1384	2350	2529	2692	2802	2973	3235	3520
Production of Natural Gas	million cu.m	27200	49320	58553	69240	80299	85269	94848	103055
Production of Iron Ore	million tonnes	223	420	589	707	827	881	1078	1327
Production of Crude Steel	million tonnes	129	353	419	489	503	572	637	684
Production of Cars	1000 sets	607	2770	3869	4798	5038	7485	9576	10127
Production of Household Refrigerators	1000 sets	12790	29871	35309	43971	48000	59305	72957	86992
Production of Color TV	1000 sets	39360	82832	83754	84780	91871	98988	118300	122314
Production of Mobile Telephones	1000 sets	52479	303542	480138	548579	559451	681934	998274	1132576
Production of Household Washing									
Machines	1000 sets	14430	30355	35605	40051	44470	49736	62477	66712
Production of Chemical Fertilizers	1000 tonnes	31860	51779	53451	58250	60281	63850	63379	62172
Production of Sawnwood	1000 cu.m	6344	17903	24865	28291	28410	32298	37226	30000
Production of Machine-Made Paper									
and Paperboard	million tonnes	25	62	69	78	84	90	98	110
Production of Cement	million tonnes	597	1069	1237	1361	1424	1644	1882	2085
Production of Cotton Woven Fabrics	million m	13922	19658	23549	27112	42364	31962	38330	36350
Production of Woolen Woven Fabrics	million m	278	330	445	545	850	495	566	518
Production of leather Footwear	million pairs	1468	2525	3003	3229	3315	3546	4193	4271

Sources:

- (a) National Bureau of Statistics of China, Annual Industrial Statistical Report, 2005-2010. Monthly Industrial Production Survey, 2011.
- (b) Statistical Communique of the People's Republic of China on the 2011 National Economic and Social Development.
- (c) State Forestry Administration the People's Republic of China, Annual Report, 2005-2011.
- (d) State Forestry Administration, Annual Report, 2005-2011.

Footnote:

- (1) Data for 2011 are preliminary.

Table 9.2.5- Value of Sales by Industry - South Africa

	Unit	2000	2005	2006	2007	2008	2009	2010
Value of Sales of Basic Iron and Steel								
Products Produced	million Rand	34 714	65 272	78 418	97 853	131487	77591	92180
Value of Sales of Motor Vehicles								
Manufactured	million Rand	37 173	73 742	86 932	90 209	98 100	69 665	82 269
Value of Sales of Household Appliances								
Produced	million Rand	5 973	8 725	9 990	10 176	9 968	9 442	9 690
Value of Sales of Basic Chemicals								
Including Fertilizers	million Rand	25 294	39 361	45 207	54 158	78 486	56 237	60 854
Value of Sales of Sawmilling and								
Planning of Wood	million Rand	3 558	6 362	7 231	7 789	7 933	6 412	7 170
Value of Sales of Paper and								
Paper Products Produced	million Rand	26 925	34 786	38 461	41 185	49 408	46 059	50 375
Value of Sales of Non-Metallic Mineral								
Products (Including Cement) Cement	million Rand	14 423	26 152	28 861	32 634	35 149	33 421	34 020
Value of Sales of Textiles Produced								
(Including Cotton Fabrics)	million Rand	6 353	6 394	6 389	6 766	6 780	6 020	5 523
Value of Sales of Footwear Produced	million Rand	2 891	2 803	2 953	3 177	3 538	3 605	3 731

Source:

Statistics South Africa.

Explanatory Notes:

India

Index of Industrial Production is a simple weighted arithmetic mean of production relatives, the weights being proportional to gross value of output as available from ASI factory sector. At the industry indicator levels, the weights were allocated in proportion to their gross value of output.

The new series of All India Index of Industrial Production (IIP) with base 2004-05 has a broader coverage of 682 items (clubbed in 399 item groups: Mining-1, Manufacturing – 397, Electricity – 1) comprising 61 from Mining & Quarrying, 620 from Manufacturing and 1 from Electricity Sector having the weightage of 14.16%, 75.53% and 10.32% respectively in the all-India IIP. National Industrial Classification (NIC)-2004 is being followed

China

Industrial Production Index in China refer to the indices of the PPI-deflated value added of industry (% to the previous year) covering industrial enterprises above the designated size. Industrial enterprises above the designated size refer to those with annual revenue from principal business over 20 million yuan from 2011 on and over 5 million yuan prior to 2011.

Production of Fertilizers is calculated on the basis of 100% effective content.

Sawnwood refers to manufactured woods using wood sawing machine or manual tools to process log into formation of wood of certain width and thickness of sectional dimensions along longitudinal direction.

