



# **Chapter One: Economic and Social Indicators Comparison of BRICS Countries**

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Table 1 - Economic and Social Indicators Comparison of BRICS Countries

(continues)

Area of Territory	Unit	Year	Value
Brazil	1000 sq. km	2010	8 515
China	1000 sq. km	2010	9 600
India	1000 sq. km	2010	3 287
Russia	1000 sq. km	2010	17 098
South Africa	1000 sq. km	2010	1 221
<b>Mid-Year Population</b>			
Brazil	million persons	2010	191 <sup>(1)</sup>
China	million persons	2010	1 338 <sup>(6)</sup>
India	million persons	2010	1 182
Russia	million persons	2010	142
South Africa	million persons	2010	50 <sup>(21)</sup>
<b>GDP (Current Price)</b>			
Brazil	billion US\$	2010	2 090 <sup>(2)(3)</sup>
China	billion US\$	2010	5 879 <sup>(7)(8)(9)</sup>
India	billion US\$	2009	1 293 <sup>(12)(13)</sup>
Russia	billion US\$	2010	1 465
South Africa	billion US\$	2010	363 <sup>(21)</sup>
<b>Per Capita GDP (Current Prices)</b>			
Brazil	US\$	2010	10 814 <sup>(2)(3)</sup>
China	US\$	2010	4 394 <sup>(7)(8)(9)</sup>
India	US\$	2009	1 115 <sup>(12)(13)</sup>
Russia	US\$	2009	8 614
South Africa	US\$	2010	7 264 <sup>(21)</sup>
<b>Value of Imports and Exports of Goods and Commercial Services</b>			
Brazil	million US\$	2010	478 277
China	million US\$	2009	2 446 580 <sup>(10)</sup>
India	million US\$	2009	465 485 <sup>(13)</sup>
Russia	million US\$	2010	543 888 <sup>(17)</sup>
South Africa	million US\$	2010	199 614
<b>Inflows of FDI</b>			
Brazil	million US\$	2010	48 462
China	million US\$	2010	105 735
India	million US\$	2009	37 763 <sup>(13)</sup>
Russia	million US\$	2010	13 810 <sup>(18)</sup>
South Africa	million US\$	2009	111 <sup>(22)</sup>
<b>Foreign Exchange Reserves</b>			
Brazil	million US\$	2010	288 575
China	million US\$	2010	2 847 338
India	million US\$	2009	279 057 <sup>(13)</sup>
Russia	million US\$	2009	405 825
South Africa	million US\$	2010	43 834

**Table 1 - Economic and Social Indicators Comparison of BRICS Countries***(continued)*

	Unit	Year	Value
<b>Production of Cereals</b>			
Brazil	million tons	2009	68 <sup>(4)</sup>
China	million tons	2010	497
India	million tons	2009	204 <sup>(13)</sup>
Russia	million tons	2010	61 <sup>(19)</sup>
South Africa	million tons		
<b>Production of Petroleum</b>			
Brazil	million tons	2010	104
China	million tons	2010	203
India	million tons	2008	34 <sup>(13)</sup>
Russia	million tons	2008	505
South Africa	million kl	2007	26 <sup>(23)</sup>
<b>Electricity Production</b>			
Brazil	million kilowatt hours	2010	475 103 <sup>(5)</sup>
China	million kilowatt hours	2010	4 206 540 <sup>(7)</sup>
India	million kilowatt hours	2008	842 531 <sup>(13)(15)(16)</sup>
Russia	million kilowatt hours		
South Africa	million kilowatt hours	2010	259 646
<b>Length of Railways in Operation</b>			
Brazil	1000 km	2008	31
China	1000 km	2010	91
India	1000 km	2008	64
Russia	1000 km	2009	86
South Africa	1000 km	2010	21
<b>Length of Highways</b>			
Brazil	1000 km	2008	1 736
China	1000 km	2010	3 984
India	1000 km	2008	2 600
Russia	1000 km		
South Africa	1000 km		
<b>Main Telephone Lines per 1000 Inhabitants</b>			
Brazil	line	2009	310
China	line	2010	221
India	line	2009	370 <sup>(13)</sup>
Russia	line	2009	320
South Africa			
<b>Share of Public Expenditure on Education to GDP</b>			
Brazil	%	2008	4.3
China	%	2009	3.6 <sup>(11)</sup>
India	%	2008	3.8 <sup>(13)</sup>
Russia	%	2010	4.3 <sup>(20)</sup>
South Africa	%	2010	10.1

**Sources:****Brazil**

- a) Brazilian Institute of Geography and Statistics, National Household Sample Survey.
- b) Brazilian Institute of Geography and Statistics, 2010 Brazilian Demographic Census.

- c) Brazilian Institute of Geography and Statistics, National Accounts System 2000-2010.
- d) Brazilian Institute of Geography and Statistics, Agricultural Municipal Production Survey and Quarterly Animal Slaughter Survey.
- e) Central Bank of Brazil (CCB).
- f) Ministry of Development.
- g) Industry and Foreign Trade (MDIC).
- h) National Petroleum Agency.
- i) Electric System National Operator - NOS and Energy Research Company.
- j) Energy Research Company - EPE.
- k) National Agency of terrestrial Transport - Yearbooks 2000-2009.
- l) National Agency of air transport, Yearbooks 2000-2009.
- m) National Telecommunication Agency.
- n) Ministry of Education.
- o) National Association of Automobile Manufacturers, Brazilian Automotive Industry Yearbook 2010.

## **China**

- a) National Bureau of Statistics of China, China Statistical Yearbook, 2010.
- b) National Bureau of Statistics of China, China System of National Accounts.
- c) Data of FDI come from the Ministry of Commerce.
- d) National Bureau of Statistics of China, Annual Report, 2000-2010.
- e) National Bureau of Statistics of China, Urban Household Survey in China, 2000-2010, Rural Household Survey in China, 2000-2010.
- f) Ministry of Railways, Annual Statistical Reports, 2000-2009.
- g) Ministry of Transport, Annual Statistical Reports, 2000-2009.
- h) China National Petroleum Corporation and China Petroleum & Chemical Corporation, Annual Statistical Reports, 2000-2009.
- i) Ministry of Industry and Information Technology.
- j) General Administration of Press and Publication of the People's Republic of China, Annual Statistical Report.
- k) Ministry of Education of the People's Republic of China, Annual Statistical Report, 2000-2009.

## **India**

- a) Central Statistics Office.
- b) Ministry of Home Affairs, Office of the Registrar General of India.
- c) Ministry of Commerce and Industry.
- d) Reserve Bank of India.
- e) Directorate of Economics & Statistics, Ministry of Agriculture.
- f) Ministry of Surface Transport.
- g) Department of Telecommunications.

## **Russia**

- a) Federal State Statistics Service of the Russian Federation.
- b) Federal Service of State Registration, Cadastre and Cartography.
- c) Bank of Russia.
- d) Ministry of Telecom and Mass Communication of the Russian Federation.

## **South Africa**

- a) Statistics South Africa, Stats in Brief 2010.
- b) Statistics South Africa, General Household Survey, 2003-2009.
- c) Statistics South Africa, Government Finance Statistics.
- d) South African Reserve Bank.
- e) South African petroleum Industry Association
- f) Transnet.

## **Footnotes:**

### **Brazil**

- (1) Reference date is August 1.

- (2) Data for 2009 and 2010 are derived from quarterly GDP results.
- (3) Data of 2009 and 2010 are preliminary estimation.
- (4) Major cereals (corn, rice and wheat).
- (5) The information refers to the load power.

**China**

- (6) Data of mid-year population of China in 2010 are estimated data.
- (7) Data of 2010 are preliminary estimation.
- (8) GDP and per Capita GDP in US dollars are converted using the annual average exchange rates in Table 15.1 (Chapter 15).
- (9) GDP is calculated at producers' price.
- (10) Data of imports and exports of goods and services come from the State Administration of Foreign Exchange.
- (11) Government appropriation for education to GDP.

**India**

- (12) Data for the year 2009 are quick estimate.
- (13) The figure relates to fiscal year.
- (14) It relates to new base year 2004-2005 prices.
- (15) Gross electricity production in utilities (including thermal, hydro & nuclear) and non-utilities.
- (16) The figure is provisional .

**Russia**

- (17) Data of 2010 refer to January-September 2010.
- (18) According to organizations that have provided statistical reports (excluding monetary authorities, commercial banks), this datum includes Rouble proceeds converted into US dollars.
- (19) Provisional data.
- (20) Estimates on the base of the data of the Federal Treasury. Since 2005 year including budgets of the state non-budget funds.

**South Africa**

- (21) Data for 2010 are preliminary.
- (22) These indicate on a net basis an increase in liabilities and a decrease in assets.
- (23) Includes: Petrol, Jet Fuel, Illum Paraffin, Fuel Oil, Bitumen, LPG.

## Explanatory Notes:

### 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.

**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.

**Inflows of FDI** refers 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.

**Length of Railways In Operation** refers to the total length of the trunk line for passenger and freight transportation( including both full operation and temporary operation).

**Length of Highways** refers to the length of highways which are built in conformity with the grades specified by the highway engineering standard [Highways WTBZ-Technical Standard JTJ01-88] formulated by the Ministry of Transport, and have been formally checked and accepted by the departments of highways and put into use.

**Main Telephone Line** refers to a main line which is a (fixed) telephone line connecting the subscriber's terminal equipment to the public switched network and which has a dedicated port in the telephone exchange equipment. The number of ISDN channels should be included. PHS subscribers should also be included.

**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.

### Russia

**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.

**Public Roads** refer to the federal roads of federal property; regional and intermunicipal roads of the property of constituent entities of the Russian Federation; local roads of the property municipalities as well as of property of settlements, municipal and city districts.