

# Statistical release

# Electricity generated and available for distribution (Preliminary)

May 2010

Embargoed until: 1 July 2010 13:00

Enquiries:	Forthcoming issue:	Expected release date:
User information services	June 2010	5 August 2010

Statistics South Africa • Mbalo-mbalo ya Afrika Tshipembe • Tinhlayo-tiko ta Afrika-Dzonga • Dipalopalo tsa Afrika Borwa • Ubalo lwaseMzantsi Afrika • Telubalo eNingizimu Afrika • iNanimbalo leSewula Afrika • Statistiek Suid-Afrika

170 Andries Street • Private Bag X44, 0001 Pretoria, South Africa Tel: +27(12) 310 8911, Fax: +27(12) 321 7381 Statistics South Africa 1 P4141

#### Contents

Summary of findings: Electricity generated and available for distribution	2
Key figures	2
Table A – Selected key figures regarding electricity generated and available for distribution for May 2010	2
Key findings	
Consumption of electricity	2
Production of electricity	
nternational trade in electricity	
Table B – Comparison of the seasonally adjusted volume of electricity generated and available for distribution	
between the three months ended May 2010 and the previous three months	3
Table C – Comparison of actual estimates between the three months ended May 2010 and the three months ended May 2009	3
Figure 1 – Electricity produced and available for distribution in South Africa from 2007 to 2010	
Detailed results	5
Table 1 – Total volume of electricity available for distribution in South Africa: 2005 – 2010	5
Table 2 – Annual percentage change in electricity available for distribution in South Africa: 2005 – 2010	
 Table 3 – Seasonally adjusted total volume of electricity available for distribution in South Africa: 2005 – 2010	
Table 4 – Indices of the physical volume of electricity production: 2005 – 2010	6
Table 5 – Annual percentage change in indices of the physical volume of electricity production: 2005 – 2010	6
Table 6 – Seasonally adjusted indices of the physical volume of electricity production: 2005 – 2010	6
Table 7 – Total volume of electricity imported: 2005 – 2010	7
Table 8 – Total volume of electricity exported: 2005 – 2010	7
Table 9a - Electricity produced and consumed in power stations, purchased and sold outside South Africa and	
available for distribution in South Africa (monthly figures)	8
Table 9b – Electricity produced and consumed in power stations, purchased and sold outside South Africa and	
available for distribution in South Africa (cumulative figures)	
Table 10 – Total volume of electricity delivered by Eskom to provinces for 2009 and 2010	
Explanatory Notes	10
Glossary	12
General information	13

#### Summary of findings: Electricity generated and available for distribution

#### **Key figures**

Table A - Selected key figures regarding electricity generated and available for distribution for May 2010

Actual estimates	May 2010 1/	% change between May 2009 and May 2010	% change between March to May 2009 and March to May 2010	% change between January to May 2009 and January to May 2010	
Electricity available for distribution					
(Gigawatt-hours)	20 433	4,5	6,3	7,1	
Index of the physical volume of electricity					
production (2005=100) 2/	108,4	3,7	5,9	7,1	

<sup>1/</sup> Preliminary.

Seasonally adjusted estimates	May 2010	% change between April and May 2010	% change between December 2009 to February 2010 and March to May 2010	
Electricity available for distribution (Gigawatt-hours)	19 830	-1,9	1,4	
Index of the physical volume of electricity production (2005=100) 2/	105,0	-2,4	1,0	

<sup>2/</sup> Percentage changes in production indices may differ marginally from percentage changes in actual volumes due to rounding off.

#### **Key findings**

#### Consumption of electricity

The actual estimated volume of electricity consumed in May 2010 increased by 4,5% (885 Gigawatt-hours) compared with May 2009 (see Tables A, 2 and 9a). Electricity consumption for the three months ended May 2010 increased by 6,3% (3 557 Gigawatt-hours) compared with the three months ended May 2009 (see Tables A and C). Electricity consumption, after seasonal adjustment, for the three months ended May 2010 increased by 1,4% compared with the three months ended February 2010 (see Tables A and B).

#### **Production of electricity**

The actual estimated production of electricity in May 2010 increased by 3,8% (811 Gigawatt-hours) compared with May 2009 (see Table 9a). The estimated production of electricity for the three months ended May 2010 increased by 6,0% (3 651 Gigawatt-hours) compared with the three months ended May 2009 (see Table C). Electricity production, after seasonal adjustment, for the three months ended May 2010 increased by 1,0% compared with the three months ended February 2010 (see Tables A and B).

Statistics South Africa 3 P4141

#### Electricity delivered by Eskom to the provinces

Electricity delivered to the provinces for the first five months of 2010 increased by 8,4% (7 109 Gigawatt-hours) compared with the first five months of 2009. Increases were reported for all the nine provinces ranging from 1,5% for Northern Cape to 18,6% for Mpumalanga.

#### International trade in electricity

The volume of electricity purchased from outside South African borders increased from 5 008 Gigawatt-hours in the first five months of 2009 to 5 162 Gigawatt-hours in the first five months of 2010, representing an increase of 3,1% (154 Gigawatt-hours). The volume of electricity sold to neighbouring countries in the first five months of 2010 increased by 10,5% (563 Gigawatt-hours) compared with the first five months of 2009 (see Table 9b).

Table B – Comparison of the seasonally adjusted volume of electricity generated and available for distribution between the three months ended May 2010 and the previous three months

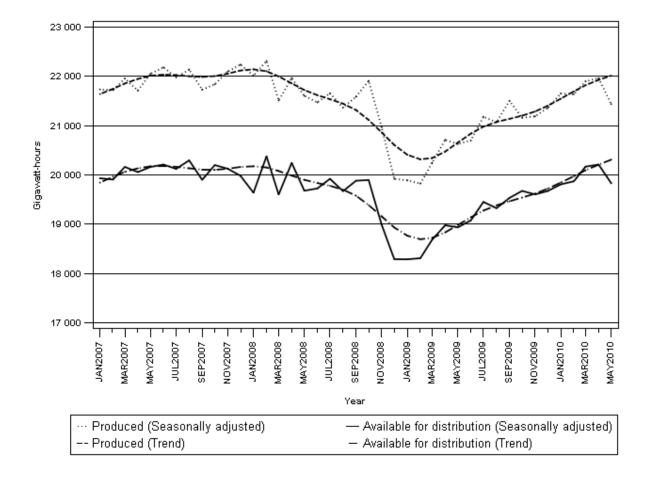
Gigawatt-hours	Seasonally adjusted quantity December 2009 to February 2010	Seasonally adjusted quantity March to May 2010	% change between December 2009 to February 2010 and March to May 2010	Quantity difference between December 2009 to February 2010 and March to May 2010
Electricity produced	64 648	65 300	1,0	652
Electricity available for distribution in South Africa	59 351	60 208	1,4	857

Table C – Comparison of actual estimates between the three months ended May 2010 and the three months ended May 2009

Gigawatt-hours	Actual volume March to May 2009	Actual volume March to May 2010	% change between March to May 2009 and March to May 2010	Quantity difference between March to May 2009 and March to May 2010	
Electricity produced	61 219	64 870	6,0	3 651	
Purchased outside South Africa (import)	2 907	3 045	4,7	138	
Consumed in power stations and auxiliary systems	4 657	4 593	-1,4	-64	
Sold outside South Africa (export)	3 295	3 588	8,9	293	
Electricity available for distribution in South Africa	56 176	59 733	6,3	3 557	

Figure 1 below shows the seasonally adjusted and trend patterns for electricity produced and available for distribution in South Africa from January 2007 to May 2010.

Figure 1 – Electricity produced and available for distribution in South Africa from 2007 to 2010



P J Lehohla Statistician-General

#### **Detailed results**

Table 1 – Total volume of electricity available for distribution in South Africa: 2005 – 2010

Month	Gigawatt-hours								
	2005	2006	2007	2008	2009	2010			
January	18 149	18 603	19 561	19 256	17 919	19 396			
February	17 169	17 396	18 301	18 668	16 757	18 181			
March	18 487	18 982	20 160	19 603	18 694	20 186			
April	18 132	18 122	18 982	19 127	17 934	19 114			
May	19 224	20 312	20 901	20 365	19 548	1/ 20 433			
June	18 983	20 166	21 020	20 515	19 819				
July	19 657	20 632	21 780	21 610	21 151				
August	19 191	20 307	21 353	20 736	20 398				
September	18 383	18 987	19 732	19 725	19 382				
October	19 127	19 663	20 435	20 138	19 899				
November	18 523	19 244	19 785	18 640	19 248				
December	18 230	18 909	19 160	17 541	18 850				
Year	223 255	231 323	241 170	235 924	229 599				

<sup>1/</sup> Preliminary.

Table 2 – Annual percentage change in electricity available for distribution in South Africa: 2005 – 2010

Month		Percentage change 2/							
WOITH	2005	2006	2007	2008	2009	2010			
January	1,7	2,5	5,1	-1,6	-6,9	8,2			
February	-0,6	1,3	5,2	2,0	-10,2	8,5			
March	0,1	2,7	6,2	-2,8	-4,6	8,0			
April	3,5	-0,1	4,7	0,8	-6,2	6,6			
May	1,7	5,7	2,9	-2,6	-4,0	4,5			
June	-1,8	6,2	4,2	-2,4	-3,4				
July	-2,5	5,0	5,6	-0,8	-2,1				
August	-0,4	5,8	5,2	-2,9	-1,6				
September	0,1	3,3	3,9	-0,0	-1,7				
October	2,2	2,8	3,9	-1,5	-1,2				
November	1,1	3,9	2,8	-5,8	3,3				
December	2,7	3,7	1,3	-8,4	7,5				
Year	0,6	3,6	4,3	-2,2	-2,7				

<sup>2/</sup> The annual percentage change is the change in the volume of electricity available for distribution of the relevant month of the current year compared with the corresponding month of the previous year expressed as a percentage.

Table 3 – Seasonally adjusted total volume of electricity available for distribution in South Africa: 2005 – 2010

		Gigawatt-hours								
Month	2005	2006	2007	2008	2009	2010	% change between current and previous month			
January	18 493	18 945	19 931	19 639	18 286	19 808	0,7			
February	18 638	18 896	19 906	20 377	18 309	19 870	0,3			
March	18 461	18 958	20 162	19 603	18 685	20 168	1,5			
April	19 085	19 122	20 058	20 244	18 977	20 210	0,2			
May	18 488	19 559	20 161	19 679	18 935	19 830	-1,9			
June	18 250	19 408	20 210	19 725	19 076					
July	18 274	19 151	20 122	19 921	19 452					
August	18 348	19 365	20 295	19 670	19 324					
September	18 603	19 182	19 900	19 882	19 533					
October	18 886	19 425	20 199	19 896	19 675					
November	18 815	19 557	20 125	18 987	19 604	·	·			
December	18 992	19 686	19 983	18 289	19 673					

Table 4 - Indices of the physical volume of electricity production: 2005 - 2010

Month	Base : 2005=100							
	2005	2006	2007	2008	2009	2010		
January	97,6	99,8	103,9	105,3	95,0	103,4		
February	91,7	94,0	97,2	99,7	88,5	96,5		
March	100,2	103,3	107,8	105,6	99,3	107,4		
April	98,1	98,0	100,9	102,0	96,1	102,0		
May	102,9	108,1	111,9	109,6	104,5	1/ 108,4		
June	101,6	107,3	112,5	108,8	104,8			
July	105,5	110,8	116,6	115,1	112,8			
August	103,0	109,1	114,1	110,3	108,8			
September	99,1	101,8	105,5	104,8	104,4			
October	102,5	107,2	109,1	109,4	105,6			
November	99,4	103,3	106,9	101,4	102,6			
December	98,2	100,9	104,6	93,6	100,3			
Year	100,0	103,6	107,6	105,5	101,9			

<sup>1/</sup> Preliminary.

Table 5 – Annual percentage change in indices of the physical volume of electricity production: 2005 – 2010

Month	Percentage change 2/								
	2005	2006	2007	2008	2008	2010			
January	2,2	2,3	4,1	1,3	-9,8	8,8			
February	-0,5	2,5	3,4	2,6	-11,2	9,0			
March	1,5	3,1	4,4	-2,0	-6,0	8,2			
April	3,6	-0,1	3,0	1,1	-5,8	6,1			
May	0,5	5,1	3,5	-2,1	-4,7	3,7			
June	-3,2	5,6	4,8	-3,3	-3,7				
July	-3,7	5,0	5,2	-1,3	-2,0				
August	-1,2	5,9	4,6	-3,3	-1,4				
September	-0,4	2,7	3,6	-0,7	-0,4				
October	0,4	4,6	1,8	0,3	-3,5				
November	0,9	3,9	3,5	-5,1	1,2				
December	2,3	2,7	3,7	-10,5	7,2				
Year	0,1	3,7	3,8	-2,0	-3,4				

<sup>2/</sup> The annual percentage change is the change in the index of the physical volume of electricity production of the relevant month of the current year compared with the corresponding month of the previous year expressed as a percentage.

Table 6 – Seasonally adjusted indices of the physical volume of electricity production: 2005 – 2010

	Base : 2005=100								
Month	2005	2006	2007	2008	2009	2010	% change between current and previous month		
January	100,1	102,2	106,4	107,8	97,4	106,0	1,3		
February	100,4	102,7	106,4	109,3	97,1	106,0	0,0		
March	100,1	103,0	107,5	105,3	99,1	107,2	1,1		
April	103,0	103,0	106,3	107,6	101,4	107,6	0,4		
May	99,1	104,2	108,0	105,8	101,0	105,0	-2,4		
June	97,8	103,5	108,6	105,1	101,4				
July	97,8	102,7	107,6	106,1	103,7				
August	98,2	104,0	108,4	104,6	103,2				
September	100,1	102,8	106,4	105,7	105,3				
October	100,1	104,9	106,9	107,3	103,6				
November	100,9	104,7	108,2	102,7	103,8				
December	102,3	105,0	108,9	97,6	104,6		_		

Table 7 – Total volume of electricity imported: 2005 – 2010

Month	Gigawatt-hours Gigawatt-hours								
	2005	2006	2007	2008	2009	2010			
January	729	872	1 088	638	1 102	1 122			
February	714	646	942	885	999	995			
March	533	581	973	802	1 064	1 040			
April	598	587	1 055	844	906	931			
May	849	879	900	761	937	1/ 1 074			
June	813	881	880	1 002	1 088				
July	856	926	984	1 089	1 040				
August	883	930	1 045	1 076	1 072				
September	686	971	1 026	1 044	920				
October	836	682	1 040	645	1 115				
November	865	862	796	711	940				
December	837	965	619	1 075	1 112				
Year	9 199	9 782	11 348	10 572	12 295				

<sup>1/</sup> Preliminary.

Table 8 – Total volume of electricity exported: 2005 – 2010

Month	Gigawatt-hours Gigawatt-hours								
	2005	2006	2007	2008	2009	2010			
January	1 030	1 056	1 134	1 280	1 096	1 217			
February	901	1 050	1 060	1 101	979	1 128			
March	968	1 129	1 231	1 136	1 100	1 252			
April	991	1 017	1 132	998	1 086	1 164			
May	1 083	1 046	1 203	1 120	1 109	1/ 1 172			
June	1 096	1 102	1 256	1 162	1 175				
July	1 102	1 239	1 301	1 249	1 223				
August	1 144	1 262	1 252	1 220	1 235				
September	1 134	1 239	1 186	1 203	1 285				
October	1 161	1 311	1 252	1 258	1 288				
November	1 119	1 186	1 256	1 252	1 213				
December	1 155	1 129	1 233	1 189	1 263				
Year	12 884	13 766	14 496	14 168	14 052				

<sup>1/</sup> Preliminary.

Table 9a – Electricity produced and consumed in power stations, purchased and sold outside South Africa and available for distribution in South Africa (monthly figures)

		Gigawatt-hours Gigawatt-hours						
		May 2009	April 2010	May 2010 1/	% change between May 2009 and May 2010	Difference between May 2009 and May 2010		
Total - All	Electricity produced	21 322	20 820	22 133	3,8	811		
producers	Purchased outside South Africa (import)	937	931	1 074	14,6	137		
	Consumed in power stations and auxiliary systems	1 603	1 473	1 601	-0,1	-2		
	Sold outside South Africa (export)	1 109	1 164	1 172	5,7	63		
	Electricity available for distribution in South Africa	19 548	19 114	20 433	4,5	885		
ESKOM	Electricity produced	20 620	20 281	21 557	4,5	937		
	Purchased outside South Africa (import)	937	931	1 074	14,6	137		
	Consumed in power stations and auxiliary systems	1 538	1 413	1 534	-0,3	-4		
	Sold outside South Africa (export)	1 109	1 164	1 172	5,7	63		
	Electricity available for distribution in South Africa	18 910	18 634	19 925	5,4	1 015		

<sup>1/</sup> Preliminary.

Table 9b – Electricity produced and consumed in power stations, purchased and sold outside South Africa and available for distribution in South Africa (cumulative figures)

		Gigawatt-hours Gigawatt-hours						
		January to May 2009	January to May 2010 1/	% change between January to May 2009 and January to May 2010	Difference between January to May 2009 and January to May 2010			
Total - All producers	Electricity produced	98 670	105 685	7,1	7 015			
producers	Purchased outside South Africa (import)	5 008	5 162	3,1	154			
	Consumed in power stations and auxiliary systems	7 459	7 603	1,9	144			
	Sold outside South Africa (export)	5 370	5 933	10,5	563			
	Electricity available for distribution in South Africa	90 852	97 310	7,1	6 458			
ESKOM	Electricity produced	95 050	102 828	8,2	7 778			
	Purchased outside South Africa (import)	5 008	5 162	3,1	154			
	Consumed in power stations and auxiliary systems	7 091	7 292	2,8	201			
	Sold outside South Africa (export)	5 370	5 933	10,5	563			
	Electricity available for distribution in South Africa	87 599	94 765	8,2	7 166			

<sup>1/</sup> Preliminary.

Table 10 - Total volume of electricity delivered by Eskom to provinces for 2009 and 2010 1/

		Gigawatt-hours									
	Period	Western Cape	Eastern Cape	Northern Cape	Free State	KwaZulu -Natal	North West	Gauteng	Mpuma- langa	Limpopo	Total South Africa
2009	January	1 886	733	408	748	3 368	1 833	4 502	2 265	849	16 592
	February	1 779	625	367	661	3 196	1 721	4 272	2 154	752	15 527
	March	1 995	691	404	739	3 553	1 936	4 716	2 442	875	17 351
	April	1 812	713	350	673	3 410	1 852	4 499	2 476	860	16 645
	May	1 852	799	361	735	3 583	2 009	5 270	2 736	935	18 280
	June	1 891	744	368	763	3 529	2 033	5 552	2 711	924	18 515
	July	1 942	789	398	825	3 689	2 188	6 059	2 841	975	19 706
	August	1 982	761	370	776	3 620	2 095	5 600	2 810	993	19 007
	September	1 889	769	383	658	3 515	2 055	4 923	2 762	1 045	17 999
	October	1 878	752	398	704	3 629	2 276	5 005	2 885	1 000	18 527
	November	1 837	761	402	739	3 490	2 221	4 916	2 717	942	18 025
	December	1 840	736	420	719	3 499	2 170	4 651	2 725	947	17 707
	Year	22 583	8 873	4 629	8 740	42 081	24 389	59 965	31 524	11 097	213 881
	Year to date	9 324	3 561	1 890	3 556	17 110	9 351	23 259	12 073	4 271	84 395
2010	January	1 932	780	404	751	3 540	2 182	4 806	2 845	991	18 231
	February	1 842	719	383	706	3 281	2 029	4 592	2 658	917	17 127
	March	2 037	809	405	780	3 629	2 273	5 086	2 926	1 032	18 977
	April	1 873	750	362	735	3 432	2 106	4 929	2 813	983	17 982
	May 2/	1 930	825	365	788	3 551	2 259	5 411	3 079	979	19 187
	Year to date	9 614	3 883	1 919	3 760	17 433	10 849	24 824	14 321	4 902	91 504

 $<sup>\</sup>ensuremath{\mathrm{1/\,Wholesale}}$  energy as delivered by Eskom to the various provinces.  $\ensuremath{\mathrm{2/\,Preliminary}}.$ 

#### **Explanatory Notes**

#### Introduction

1

Statistics South Africa (Stats SA) conducts a monthly sample survey of the electricity industry covering electricity undertakings and establishments (branches). This statistical release contains information regarding the volume of electricity units generated and available for distribution in South Africa, the volume of units purchased and sold outside South Africa and the volume of units distributed by Eskom by province on a monthly basis. Both actual and seasonally adjusted figures are published.

- This statistical release reflects indices of the physical volume of electricity production on the basis of 2005=100. In accordance with international practice, the indices have to be rebased every five years to a new base year.
- In order to improve timeliness of the publication, some information for the current month may have been estimated due to late submission by respondents. These estimates will be revised in the next statistical release(s) as soon as actual information is available.

## Purpose of the 4 survey

The results of the monthly electricity generated and available for distribution survey are used to compile estimates of the gross domestic product (GDP) and its components, which are used in monitoring the state of the economy and formulation of economic policy.

## Scope of the 5 survey

This survey covers electricity undertakings and establishments conducting activities concerned with the generation or transmission and distribution of electricity. It includes electrical power installations, which, as subsidiary divisions of undertakings, produce electricity for regular use by these undertakings.

#### Classification 6

The 1993 edition of the *Standard Industrial Classification of all Economic Activities* (*SIC*), Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 *International Standard Industrial Classification of all Economic Activities* (*ISIC*) with suitable adaptations for local conditions. Each statistical unit is classified to an industry, which reflects the predominant activity of the electricity undertaking or establishment.

#### Response rate 7

The response rate for the survey on electricity generated and available for distribution for May 2010 was 99%.

#### Statistical unit 8

9

11

The basic statistical unit for the collection of information is the electricity undertaking or establishment. The electricity undertaking or establishment is the smallest economic unit that functions as a separate entity. Each statistical unit is classified to an industry (see paragraph 5).

#### Survey methodology and design

All statistical units are stratified by type of economic activity according to the *Standard Industrial Classification of all Economic Activities (SIC)* and measure of size, where measure of size is the volume of electricity generated by the electricity undertaking or establishment. All large undertakings or establishments (size category one cases) are completely enumerated. A sample is drawn from medium and small size undertakings and establishments by systematically selecting undertakings or establishments within each size category. An electricity undertaking or establishment with a total generating capacity of less than 500 kilowatt is excluded from the sample.

The survey is conducted by mail, email and telephone. Information is collected from a sample of 22 electricity undertakings or establishments.

## Monthly production indices

The calculation of the monthly production indices is based on the volume of electricity units produced.

Statistics South Africa 11 P4141

#### Benchmarking 12

The index of physical volume of electricity production should provide an accurate reflection of the trend of activities of the relevant industry. The level of activities, as measured by the monthly electricity generated and available for distribution survey, is based on information received from a sample of electricity undertakings and establishments. These levels are weighted according to the original sample and designed to represent the population of electricity undertakings and establishments. It is necessary to adjust the level of activities as measured by the monthly sample survey to the level of activities as measured periodically by the Census of electricity, gas and steam. This procedure, whereby the latest results of an economic census are used to compile more accurate level estimates for a certain year, is known as benchmarking.

The results of the 1995 Census of electricity, gas and steam served as a benchmark to verify or adjust the level of the monthly physical volume of electricity production indices collected through the monthly sample survey. The level adjustments were done on the volume indices for August of the relevant census year (the 1995 census year covered the period 1 January 1995 to 31 December 1995 and therefore, the benchmarking was done using the index of August 1995 as reference point).

## Seasonal adjustment

14

16

18

19

Seasonally adjusted estimates of all items are generated each month, using the X-11 Seasonal Adjustment Program developed by US Bureau of the Census Economic Research and Analyses Division, 1968. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognized. Seasonal adjustment does not aim to remove irregular or non-seasonal influences, which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variations. This means the month-to-month movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour.

#### Trend cycle 15

The trend is the long-term pattern or movement of a time series. The X-11 Seasonal Adjustment Program is used for smoothing seasonally adjusted estimates.

## Related publications

Users may also wish to refer to the following publications which are available from Stats SA -

- Bulletin of Statistics.
- SA Statistics.

## Unpublished 17 statistics

In some cases Stats SA can also make available statistics, which are not published. The statistics can be made available as computer printouts or on CD. Generally a charge is made for providing unpublished statistics.

## Rounding-off of figures

Where necessary, the figures in the tables have been rounded off to the nearest digit shown. There may therefore be slight discrepancies between the sums of the constituent items and the totals shown.

## Pre-release policy

Stats SA pre-release policy may be inspected at its website, www.statssa.gov.za.

#### **Glossary**

Consumption of electricity

For purposes of this release the term 'consumption of electricity' is used

interchangeably with the term 'electricity available for distribution'.

**Electricity undertaking** 

An electricity undertaking is an undertaking concerned with the generation or transmission and distribution of electricity, including electrical power installations, which as subsidiary divisions of undertakings produce electricity for regular use by

these undertakings.

Index of physical volume of electricity production

A statistical measure of the change in the volume of production of electricity in a given period and the volume of production of electricity in the base period. The

base period is 2005. The production in the base period is set at 100.

An industry consists of a group of undertakings or establishments engaged in the same or similar kinds of economic activity. Industries are defined in the 1993 System of National Accounts (1993 SNA) in the same way as in the Standard Industrial Classification of all Economic Activities (SIC), Fifth Edition, Report No.

09-90-02.

Unit of electricity One gigawatt-hour of electricity is equal to one million kilowatt-hours. A kilowatt-

hour is the basic unit of electrical energy equal to one kilowatt of power supplied to or taken from an electric circuit steadily for one hour. One kilowatt-hour equals

one thousand watt-hours.

Symbols and abbreviations

Industry

GDP Gross domestic product

ISIC International Standard Industrial Classification

SIC Standard Industrial Classification of all Economic Activities

Stats SA Statistics South Africa
\* Revised figures

#### **General information**

Stats SA publishes approximately 300 different statistical releases each year. It is not economically viable to produce them in more than one of South Africa's eleven official languages. Since the releases are used extensively, not only locally but also by international economic and social-scientific communities, Stats SA releases are published in English only.

Stats SA has copyright on this publication. Users may apply the information as they wish, provided that they acknowledge Stats SA as the source of the basic data wherever they process, apply, utilise, publish or distribute the data: and also that they specify that the relevant application and analysis (where applicable) result from their own processing of the data.

#### Advanced release calendar

An advanced release calendar is disseminated on www.statssa.gov.za

#### Stats SA products

A complete set of Stats SA publications is available at the Stats SA Library and the following libraries:

National Library of South Africa, Pretoria Division
National Library of South Africa, Cape Town Division
Natal Society Library, Pietermaritzburg
Library of Parliament, Cape Town
Bloemfontein Public Library
Johannesburg Public Library
Eastern Cape Library Services, King William's Town
Central Regional Library, Polokwane
Central Reference Library, Nelspruit
Central Reference Collection, Kimberley
Central Reference Library, Mmabatho

Stats SA also provides a subscription service.

#### **Electronic services**

A large range of data is available via on-line services, diskette, CD and computer printouts.

You can visit us on the Internet at: www.statssa.gov.za

#### **General enquiries**

Telephone number: (012) 310 8443 / 336 0142 (technical enquiries)

(012) 310 8358 (orders)

(012) 310 4883/ 4885/ 8018 (library)

Fax number: (012) 310 8664 (technical enquiries)

Email: thembisilem@statssa.gov.za (technical enquiries)

nicolaic@statssa.gov.za (technical enquiries) info@statssa.gov.za (user information services)

magdaj@statssa.gov.za (orders)

Postal address: Private Bag X44, Pretoria, 0001

Produced by Stats SA