Census of commercial agriculture, 2007
Gauteng

Provincial statistics for selected products

Report No. 11-02-08 (2007)

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Tel: (012) 310 8093
(012) 310 8251
(012) 310 8358
(012) 310 8161
Fax: (012) 321 7381
Email: inadp@statssa.gov.za

Contents

Table 1 – Field crops: Area planted, production and gross farming income for maize for grain and grain sorghum 1

Table 2 – Field crops: Area planted, production and gross farming income for sunflower seed and dry beans 2

Table 3 – Horticulture: Area planted, production and gross farming income for vegetables 3

Table 4 – Horticulture: Area planted, production and gross farming income for vegetables 4

Table 5 – Animals: Number of livestock sold and gross farming income 5

Table 6 – Animal products: Quantity sold and gross farming income 6

Table 7 – Animals: Number of livestock on farm as at 28 February 2007 7

Explanatory notes 8

Glossary…. 11

Table 1 – Field crops: Area planted, production and gross farming income for maize for grain and grain sorghum

Magisterial district	Maize for grain					Wheat				
	Planted hectares		Production in metric tons		R'000	Planted hectares		Production in metric tons		R'000
	Dry land	Irrigated	Dry land	Irrigated		Dry land	Irrigated	Dry land	Irrigated	
Alberton	2 307	575	5 860	2 810	10 532		40		220	600
Brakpan	700		1 623		2 435					
Bronkhorstspruit	10 891	850	32 349	7 209	44 780	94	131	265	718	1 774
Cullinan	175	21	324	64	426					
Germiston	200		600		900					
Heidelberg	11 620	110	42 075	680	49 457					
Kempton Park	320		531		772					
Krugersdorp	462	150	933	625	1 417					
Nigel	14 191	507	48 214	4 058	51 718					
Oberholzer	115	155	267	1 360	1 298					
Pretoria	300	135	1 140	1 118	2 724	90		450		905
Randburg	350		1 050		840					
Randfontein	3 950	80	12 414	640	15 381					
Springs	334		2 014		2 436					
Vanderbijlpark	3 858	16	9 584	122	12 815					
Vereeniging	3 958	16	13 877	60	21 370	516	97	826	561	2 838
Westonaria	3 920	40	16 009	118	15 906					

Table 2 – Field crops: Area planted, production and gross farming income for sunflower seed and dry beans

Magisterial district	Sunflower seed			Dry beans		
	Planted hectares	Production in metric tons	R'000	Planted hectares	Production in metric tons	R'000
	Dry land			Dry land		
Alberton	400	620	1 054	15	15	68
Bronkhorstspruit	204	167	330	107	109	588
Heidelberg	624	556	1 253	759	968	4 011
Kempton Park	17	23	50			
Krugersdorp	175	205	452			
Nigel	58	80	140	797	981	3 844
Randfontein	413	617	1 236			
Springs				181	116	523
Vanderbijlpark	2 396	2 989	6 357			
Vereeniging	206	206	443			
Westonaria	17	15	35			

Table 3 – Horticulture: Area planted, production and gross farming income for vegetables

Magisterial district	Potatoes			Beetroot			Carrots		
	Planted hectares	Production in metric tons	R'000	Planted hectares	Production in metric tons	R'000	Planted hectares	Production in metric tons	R'000
Alberton							23	885	1 140
Benoni							112	4 480	11 498
Boksburg	33	562	945	5	69	132	58	688	1 288
Bronkhorstspruit	210	9 014	13 663				10	172	201
Germiston				63	1 374	2 648	63	1 614	3 374
Krugersdorp	139	5 458	14 102	50	1 237	1 845	871	33 398	62 018
Nigel							72	1 920	2 484
Randfontein	90	3 150	3 780	308	6 158	11 689			
Vereeniging							6	80	70
Westonaria	117	2 331	3 965				36	710	1 328

Table 4 – Horticulture: Area planted, production and gross farming income for vegetables

Magisterial district	Cabbage and red cabbage			Green beans		
	Planted hectares	Production in metric tons	R'000	Planted hectares	Production in metric tons	R'000
Alberton	19	406	473			
Benoni	35	1 750	1 333	18	450	944
Boksburg	19	578	180	20	400	1 800
Bronkhorstspruit	28	1 625	1 412			
Cullinan	5	106	96			
Germiston	98	6 253	5 002			
Johannesburg	16	492	400			
Krugersdorp	100	4 582	3 242	35	98	425
Nigel				500	609	1 520
Pretoria	33	670	948			
Randburg	51	2 033	1 653			
Vereeniging	15	442	360	120	1 019	2 314
Westonaria	58	1 733	1 409	45	135	550

Table 5 – Animals: Number of livestock sold and gross farming income

Magisterial district	Cattle		Sheep		Pigs		Chickens	
	Number	R'000	Number	R'000	Number	R'000	Number	R'000
Alberton	3 725	16 372	5 377	2 757	76 199	75 724	2 319 816	14 451
Benoni	908	3 640					864 143	7 436
Boksburg	971	3 881					500 631	7 870
Brakpan	220	872					65 622	1 508
Bronkhorstspruit	43 100	189 138	2 014	1 101	59 028	39 971	2 424 763	52 961
Cullinan	1 652	7 314			4 045	3 671	172 716	2 274
Germiston	3 039	12 861	654	360	589	494	263 139	7 348
Heidelberg	254 648	918 075	5 631	2 940	1 246	762	935 166	14 551
Johannesburg	9 157	36 612	360	296			1 955 674	53 686
Kempton Park					1 315	921	101 222	2 543
Krugersdorp	60 165	299 437			854	573	3 379 007	68 046
Nigel	39 642	148 463	6 067	3 570				
Oberholzer	2 082	8 069					212 902	5 945
Pretoria	25 753	119 631	1 976	1 015	151 531	108 312	174 237 309	1 542 673
Randburg	2 424	8 388					64 554	1 803
Randfontein	13 806	69 920	2 326	1 170	12 078	11 351	3 945 016	23 604
Roodepoort	2 343	9 091			12 527	13 592	155 912	4 353
Springs	2 438	10 283					1 980 940	55 827
Vanderbijlpark	543	2 049	557	314			29 502	193
Vereeniging	9 958	41 175	1 457	1 024	2 472	1 966	8 634 532	141 571
Westonaria	228	1 130						
Wonderboom	1 234	5 159					133 600	3 724

Table 6 – Animal products: Quantity sold and gross farming income

Magisterial district	Milk and cream		Eggs	
	Litres	R'000	Dozen	R'000
Alberton	1 095 587	2 616	9 421 835	59 072
Benoni			1 157 053	8 822
Boksburg			8 819 367	42 177
Brakpan			1 059 161	7 976
Bronkhorstspruit	5 764 074	12 422	10 222 654	73 398
Cullinan	5 781 366	15 354	3 455 965	22 129
Germiston	384 615	700	390 640	2 453
Heidelberg	4 953 047	13 026	655 966	4 123
Johannesburg	761 196	2 059	4 117 662	27 019
Kempton Park			2 602 100	20 684
Krugersdorp	3 101 869	8 362	35 698 906	223 610
Nigel	1 258 158	3 204		
Oberholzer	438 000	1 345	316 061	1 985
Pretoria	11 026 020	24 646	13 308 315	80 205
Randburg			95 833	602
Randfontein	3 285 244	8 901	1 905 448	12 535
Roodepoort			231 457	1 454
Springs	7 849	47	1 295 540	14 091
Vanderbijlpark	297 612	795	486 439	3 345
Vereeniging	15 776 258	31 054	1 773 615	11 194
Westonaria	554 550	2 034		
Wonderboom	98 000	148	213 431	1 307

Table 7 – Animals: Number of livestock on farm as at 28 February 2007

Magisterial district	Cattle	Sheep	Pigs	Chickens
Alberton	3 921	675	38 050	262 943
Benoni	2 457			98 022
Boksburg	2 646			436 330
Brakpan	821	420		52 103
Bronkhorstspruit	33 024	3 207	23 086	1 182 402
Cullinan	3 460	309	2 053	119 627
Germiston	8 029			74 643
Heidelberg	121 361	3 348	443	119 939
Johannesburg	22 761			473 887
Kempton Park	3 627		1 358	297 384
Krugersdorp	40 953	828	1 720	1 934 331
Nigel	36 768	3 381		
Oberholzer	3 010			31 964
Pretoria	38 945	7 986	47 966	3 532 709
Randburg	3 107			30 664
Randfontein	9 171	1 303	6 460	256 234
Roodepoort	4 889		6 309	44 046
Springs	4 378			463 585
Vanderbijlpark	1 660	1 350		17 922
Vereeniging	21 347	3 823	1 491	431 496
Westonaria	395			
Wonderboom	3 368			43 163

Explanatory notes

Introduction

This publication updates Statistical Release P1101, *Census of commercial agriculture 2007*, and Report 11-02-01 (2007), *Census of commercial agriculture 2007*. In many respects it can be compared with Report 11-02-08 (2002), *Census of commercial agriculture 2002*. However, this report provides only statistics on production and gross farming income of selected products of active commercial farming enterprises in South Africa. Detailed statistics for selected field crops, horticultural products, animals and animal products are published at magisterial district level.

The report presents the results of 1 773 commercial farms in Gauteng that were active during the census of commercial agriculture, which was conducted from 1 March 2006 to 28 February 2007.

The statistical unit for the collection of information is a farming enterprise. An enterprise is a legal unit (or a combination of legal units) that includes and directly controls all functions necessary to carry out its production activities. The previous census of commercial agriculture was conducted in 2002 (Report No. 11-02-08 (2002)).

Universe

1 The universe of the 2007 census of commercial agriculture differed considerably from the agriculture censuses in the past. This census covered the whole country, based on a business register containing all businesses registered for VAT with the South African Revenue Service (SARS).

All enterprises are legally bound to register for VAT when their turnover for a period of twelve months equals or exceeds R300 000. However, those with a turnover of less than R300 000 may register for VAT voluntarily. From the commercial farming units registered for VAT, a total of 1 773 were identified as live and active at the time of the census, and formed the universe for the census in Gauteng.

Scope

2 Information was obtained from commercial farmers who worked on their own farms or rented farms or farmed land on shares.

For the purpose of the census, farming means:

- the growing of field crops, fruit, grapes, nuts, seeds, trees in a nursery, bulbs, vegetables and flowers in the open air or under cover;
- operations at nurseries excluding those predominantly engaged in reselling;
- the operation of tea, coffee and sugar plantations;
- the raising of livestock, game, poultry, rabbits, freshwater fish, furbearing and other animals; and
- the production of milk, wool, pelt/fur, eggs and honey for commercial purposes.

Forestry (e.g. timber, wattle, wood and other plantations), ocean fishing and agricultural services were not included in the census. Data in respect of agricultural smallholdings such as nurseries, vegetable gardens, flower farms and dairy farms are included in this report only in those cases where products were intended for sale.

Statistical unit **3** The statistical unit for the collection of information is a farming unit. A farming unit consists of one or more separate farms, holdings or portions of land whether contiguous or not, provided they are situated in the same province and are operated as a single unit. Farms or portions of land in different provinces are regarded as separate farming units. The number of farming units, therefore, does not represent the number of farmers, as a specific farming unit can be operated by more than one farmer, and one farmer can operate more than one farming unit.

Collection method **4** Information was collected by electronic mail, postal mail, telephonic conversations and personal visits.

Reference period **5** Information was collected from farming units regarding their financial year as having ended on any date between 1 March 2006 and 28 February 2007. However, the number of closing livestock was requested as at 28 February 2007.

Classification **6** The 1993 edition of the *Standard Industrial Classification of all Economic Activities* (SIC), Fifth Edition, Report No. 09-09-02, was used to classify the statistical units in this census. The SIC is based on the third revision of the 1990 *International Standard Industrial Classification of all Economic Activities* (ISIC), with suitable adaptations for local conditions. Farming sectors included were classified to the five-digit (subgroup) level for the detailed results.

Comparability with previous censuses/surveys **7** In comparing the results of the 2002 and 2007 censuses with those of the previous censuses and sample surveys, the following should be borne in mind:

- Prior to the 2002 census, the commercial farmers in the Transkei, Bophuthatswana, Venda and Ciskei (TBVC) states and self-governing territories were excluded.
- The updating of the previous business register with data obtained from the South African Revenue Service (SARS) resulted in an improved frame.
- The 2002 and 2007 censuses excluded forestry, e.g. timber, wattle, wood and other plantations, ocean fishing and agricultural services.

In addition, there have been:

- alterations in the boundaries of geographical areas;
- fluctuating climatic conditions; and
- rotation of crops.

In comparing the results of the 2002 and 2007 censuses the following should be borne in mind:

- Area, number of animals and production as published in Part 2 of Report No. 11-02-01, *Census of commercial agriculture 2002*, reflect only data of the farming units of farmers who responded during the census. However, for the 2007 census the area, number of animals and production of non-responding units were imputed.

Related publications **8** The following Stats SA publications contain information regarding agriculture:

Statistical release P1101 (2007) - Census of agriculture 2007 (Summary)
Report No. 11-02-01 (2007) - Census of Agriculture, 2007: Financial and production statistics
Report No. 11-02-01 (2002) - Census of Agriculture, 2002: Financial and production statistics.
Report No. 11-02-02 (2002) - Census of Agriculture, 2002: Provincial statistics: Western Cape.
Report No. 11-02-03 (2002) - Census of Agriculture, 2002: Provincial statistics: Eastern Cape.
Report No. 11-02-04 (2002) - Census of Agriculture, 2002: Provincial statistics: Northern Cape.
Report No. 11-02-05 (2002) - Census of Agriculture, 2002: Provincial statistics: Free State.
Report No. 11-02-06 (2002) - Census of Agriculture, 2002: Provincial statistics: KwaZulu-Natal.
Report No. 11-02-07 (2002) - Census of Agriculture, 2002: Provincial statistics: North West.
Report No. 11-02-08 (2002) - Census of Agriculture, 2002: Provincial statistics: Gauteng.
Report No. 11-02-09 (2002) - Census of Agriculture, 2002: Provincial statistics: Mpumalanga.
Report No. 11-02-10 (2002) - Census of Agriculture, 2002: Provincial statistics: Limpopo.

Unpublished data **9** In some cases Stats SA can also make available statistics which are not published. This information can be made available as computer printouts or on compact disc. Generally, a charge is levied for providing unpublished statistics.

Symbols and abbreviations **10**

Stats SA	Statistics South Africa
No.	Number
GDP	Gross domestic product
TBVC	Transkei, Bophuthatswana, Venda and Ciskei
Kg	Kilogram
SARS	South African Revenue Service

Rounding-off of figures **11** The figures in the tables have, where necessary, been rounded off to the nearest final digit shown. There may therefore be slight discrepancies between the sums of the constituent items of the totals shown.

Blank spaces **12** Blank spaces in the detail tables indicate that the figures are nil, not available or not significant to publish.

Next census **13** The next agricultural census is planned for 2012, and results should be available in 2014.

Glossary

Farmer **1** A farmer is the individual, partnership, close corporation, company, or other enterprise that operates a farming unit for their own account; or the manager, foreman or other person to whom the control of the farming unit was entrusted.

Farming unit **2** A farming unit means any unit on which one or more of the following farming operations are carried out for commercial purposes:

- The cultivation in the open air or under cover of field crops, fruit, grapes, nuts, seed bulbs, vegetable plants or flowers;
- The operation of tea, coffee and sugar plantations;
- The breeding of livestock, poultry, game or other animals, including freshwater fish, furred animals and trade in livestock; and/or
- The production of milk, wool, fur, eggs or honey.

Gross farming income **3** Includes income earned from agricultural products sold, but excludes other income generated outside farming. In this report, agricultural products are divided into field crops, horticultural products, animals and animal products, and all other products.

- '*Field crops*' include cereals, oil seeds, fodder crops, etc.
- '*Horticultural products*' include vegetables, fruits, nuts, flowers, etc.
- '*Animals*' include livestock, poultry, game, aquaculture and all other animals.
- '*Animal products*' include milk, eggs, wool, etc.
- '*All other products*' include aquaculture, forestry products, and other products etc.