

STATISTICAL RELEASE P1101

Agricultural survey (Preliminary)

2015

Embargoed until: 30 November 2016 11:30

ENQUIRIES: Tshepo Pekane (012) 310 8191 FORTHCOMING ISSUE: Agricultural survey 2016

EXPECTED RELEASE DATE 30 November 2017

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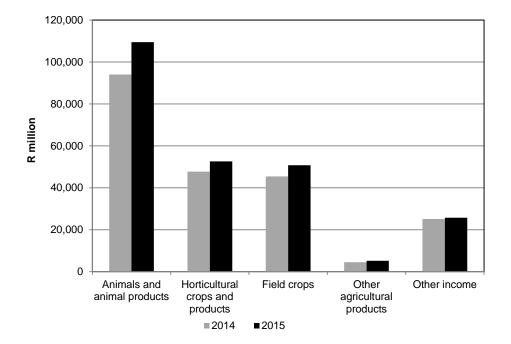
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Summary of findings for the year 2015

Income by type of product

Total income earned by the farming sector was R243 780 million in 2015 compared with R216 669 million in 2014. The total income figures reflect growth of 12,5% between 2014 and 2015. A detailed composition of total income by farming activity for the two years is provided in Table 1, page 4. 'Animals and animal products' generated the largest sales (R109 490 million), followed by 'horticultural crops and products' (R52 610 million) and 'field crops' (R50 761 million). Table 1 shows that the highest percentage increase was recorded for income earned from the sale of 'animals and animal products' (16,4%), followed by 'field crops' (11,8%) and 'horticultural crops and products' (10,3%).

Figure 1 – Total income by type of product

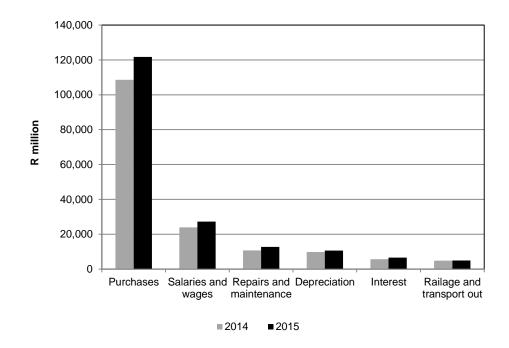


Expenditure

Total expenditure incurred by the farming sector for 2015 was R225 522 million compared with R206 047 million in 2014.

Figure 2 shows the major contributors towards total expenditure for both years. All major contributors to total expenditure increased in 2015. Among the major contributors, the highest percentage increases were recorded for 'repairs and maintenance' (18,1%), 'interest' (14,7%) and 'salaries and wages' (14,0%) (see Table 6, page 9).

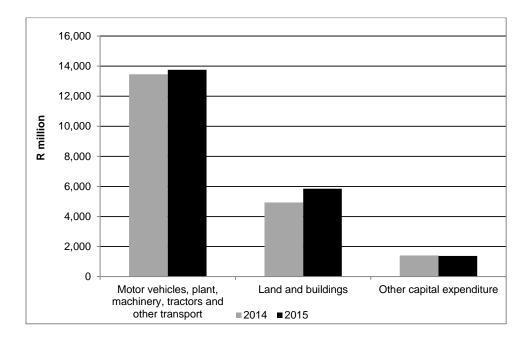
Figure 2 - Expenditure according to major contributors



Capital expenditure

Total capital expenditure in the farming sector amounted to R20 981 million in 2015 compared with R19 798 million in 2014, an increase of 6,0% (see Table 7, page 10).

Figure 3 – Distribution of capital expenditure



PJ Lehohla Statistician-General

Detailed results

Table 1 – Principal statistics in the agriculture and related services industry, 2014 and 2015, at current prices

Item	2014 ¹	2015 ²	0/ ahansa	
	R'00	00	% change	
Total income	216 669 487	243 780 293	12,5	
Field crops	45 401 744	50 760 591	11,8	
Horticultural crops and products	47 705 803	52 609 834	10,3	
Animals and animal products	94 062 339	109 490 474	16,4	
Other agricultural products	4 439 070	5 199 867	17,1	
Other income	25 060 531	25 719 527	2,6	
Total expenditure	206 047 113	225 522 070	9,5	
Purchases	108 631 226	121 697 340	12,0	
Salaries, cash wages and bonuses	23 906 057	27 241 722	14,0	
Other expenditure	73 509 830	76 583 008	4,2	
Capital expenditure	19 797 717	20 981 383	6,0	
Land and book value of assets	127 501 157	140 275 813	10,0	

Revised figures.Preliminary figures.

Table 2 – Total income and expenditure by type of activity in the agriculture and related services industry, 2014 and 2015

	Total income			Total expenditure		
Activity	2014 ¹	2015 ²	0/ -1	2014 ¹	2015 ²	0/ -1
	R'00	00	% change	R'00	0	% change
Growing of crops; market gardening; horticulture ³	84 640 790	89 234 159	5,4	77 898 189	80 672 854	3,6
Farming of animals	81 977 958	94 885 760	15,7	80 564 489	88 804 223	10,2
Growing of crops combined with farming of animals (mixed farming)	44 751 003	52 964 081	18,4	42 760 135	49 778 403	16,4
Agricultural and animal husbandry services, except veterinary activities	2 640 834	3 653 231	38,3	2 394 052	3 185 965	33,1
Hunting; trapping and game propagation including related services	2 658 902	3 043 062	14,4	2 430 248	3 080 625	26,8
Total	216 669 487	243 780 293	12,5	206 047 113	225 522 070	9,5

Revised figures.
Preliminary figures.
Growing of crops; market gardening; horticulture includes production of organic fertiliser.

Table 3 – Total income by type of activity and size group in the agriculture and related services industry, 2015

Activity	Large	Medium	Small	Micro	Total
	·		R'000		
Growing of crops; market gardening; horticulture ³	53 832 356	6 638 059	22 549 191	6 214 553	89 234 159
Farming of animals	72 582 746	3 480 050	13 490 130	5 332 834	94 885 760
Growing of crops combined with farming of animals (mixed farming)	20 431 889	5 354 512	21 379 058	5 798 622	52 964 081
Agricultural and animal husbandry services, except veterinary activities	1 373 880	631 648	1 523 915	123 788	3 653 231
Hunting; trapping and game propagation including related services	1 270 761	391 699	1 227 667	152 935	3 043 062
Total	149 491 632	16 495 968	60 169 961	17 622 732	243 780 293

³ Growing of crops; market gardening; horticulture includes production of organic fertiliser.

Table 4 – Details of income in the agriculture and related services industry, 2014 and 2015

	20	14 ¹	20		
Type of income	R'000	% contribution	R'000	% contribution	% change
Income from sales of goods	191 608 956	88,3	218 060 766	89,5	13,8
Income received from services rendered	6 208 013	2,9	6 104 266	2,5	-1,7
Rental income	1 649 204	0,8	1 975 694	0,8	19,8
Interest received	1 562 370	0,7	1 972 981	0,8	26,3
Dividends received	548 462	0,3	659 394	0,3	20,2
Profit on financial and other assets, other liabilities and foreign exchange	6 653 761	3,1	6 601 699	2,7	-0,8
Other income	8 438 721	3,9	8 405 493	3,4	-0,4
Total income	216 669 487	100,0	243 780 293	100,0	12,5

Revised figures.Preliminary figures.

Table 5 – Income from sales of goods by type of product in the agriculture and related services industry, 2014 and 2015

Type of product	201	4 ¹	201	0/ -1	
	R'000	% contribution	R'000	% contribution	% change
Field crops	45 401 744	23,7	50 760 591	23,3	11,8
Horticulture crops	45 447 184	23,7	49 588 965	22,7	9,1
Animals	49 745 529	26,0	58 258 732	26,7	17,1
Animal products	44 316 810	23,1	51 231 742	23,5	15,6
Horticultural products	2 258 619	1,2	3 020 869	1,4	33,7
Other agricultural products	4 439 070	2,3	5 199 867	2,4	17,1
Total income from sales of goods	191 608 956	100,0	218 060 766	100,0	13,8

Revised figures.
Preliminary figures.

Table 6 – Details of expenditure in the agriculture and related services industry, 2014 and 2015

	2014	4 ¹	20		
Expenditure items	R'000	% contribution	R'000	% contribution	% change
Purchases	108 631 226	52,7	121 697 340	54,1	12,0
Salaries and wages	23 906 057	11,6	27 241 722	12,1	14,0
Advertising and marketing expenses	2 394 664	1,2	2 346 365	1,0	-2,0
Bank charges	597 051	0,3	596 461	0,3	-0,1
Depreciation	9 845 035	4,8	10 594 125	4,7	7,6
Electricity	4 668 037	2,3	4 944 258	2,2	5,9
Import and export costs	1 123 576	0,5	1 064 727	0,5	-5,2
Insurance	3 164 618	1,5	3 393 455	1,5	7,2
Interest	5 716 982	2,8	6 557 351	2,9	14,7
Losses on financial and other assets, other liabilities and foreign exchange	2 731 384	1,3	1 913 823	0,8	-29,9
Leasing and hiring of plant, machinery, equipment and vehicles	1 414 763	0,7	1 533 985	0,7	8,4
Rental, usufruct and grazing rights	3 554 496	1,7	4 099 960	1,8	15,3
Repairs and maintenance	10 761 975	5,2	12 712 216	5,6	18,1
Railage and transport out	4 840 378	2,4	4 967 490	2,2	2,6
Services rendered by contractors, co-farmers, etc.	3 206 545	1,6	2 602 639	1,2	-18,8
Share farming expenses	2 104 007	1,0	2 340 744	1,0	11,3

Table 6 – Details of expenditure in the agriculture and related services industry, 2014 and 2015 (concluded)

Expenditure items	20	14 ¹	201		
	R'000	% contribution	R'000	% contribution	% change
Telecommunication services	706 501	0,3	785 519	0,3	11,2
Water	798 667	0,4	921 485	0,4	15,4
Security services and maintenance cost of security system	560 844	0,3	513 687	0,2	-8,4
Payment to labour brokers	715 555	0,3	676 827	0,3	-5,4
Other expenditure	14 604 752	7,1	14 017 891	6,2	-4,0
Total expenditure	206 047 113	100,0	225 522 070	100,0	9,5

Table 7 – Capital expenditure on new assets in the agriculture and related services industry, 2014 and 2015

Type of capital expenditure	201	4 ¹	2015		
	R'000	% contribution	R'000	% contribution	% change
Land and buildings	4 933 851	24,9	5 847 446	27,9	18,5
Motor vehicles, plant, machinery, tractors and other transport	13 453 307	68,0	13 759 955	65,6	2,3
Other capital expenditure	1 410 559	7,1	1 373 982	6,5	-2,6
Total capital expenditure	19 797 717	100,0	20 981 383	100,0	6,0

¹ Revised figures. ² Preliminary figures.

¹ Revised figures. ² Preliminary figures.

Table 8 – Land and book value of assets in the agriculture and related services industry, 2014 and 2015

Type of asset	2014	ļ ¹	201		
	R'000	% contribution	R'000	% contribution	% change
Land and buildings	82 684 257	64,9	88 258 939	62,9	6,7
Motor vehicles, plant, machinery, tractors and other transport	39 018 830	30,6	45 703 577	32,6	17,1
Other assets	5 798 070	4,5	6 313 297	4,5	8,9
Total book value of assets	127 501 157	100,0	140 275 813	100,0	10,0

Table 9 – Fair value of biological assets in the agriculture and related services industry, 2014 and 2015

	2014 ¹		201		
Type of asset	R'000	% contribution	R'000	% contribution	% change
Animals	9 626 328	52,8	12 024 190	57,3	24,9
Plantations (forestry, vineyards and orchards)	8 604 399	47,2	8 943 007	42,7	3,9
Total	18 230 727	100,0	20 967 197	100,0	15,0

Revised figures.Preliminary figures.

Revised figures.Preliminary figures.

Table 10 – Capital expenditure fair value of biological assets in the agriculture and related services industry, 2014 and 2015

Type of asset	2014 ¹		2015		
	R'000	% contribution	R'000	% contribution	% change
Animals	9 161 312	92,7	12 095 504	91,2	32,0
Plantations (forestry, vineyards and orchards)	717 253	7,3	1 166 237	8,8	62,6
Total	9 878 565	100,0	13 261 741	100,0	34,2

Revised figures.Preliminary figures.

Table 11 – Details of purchases in the agriculture and related services industry, 2014 and 2015

	2014 ¹		2015²			
Item	R'000	% contribution	on R'000 % contribut		% change	
Feed and supplements for livestock, poultry and aquaculture	30 678 167	28,2	32 399 671	26,7	5,6	
Fertilisers (both manure and inorganic fertilisers) and lime	9 087 588	8,4	10 879 381	9,0	19,7	
Remedies for combating diseases and pests in livestock and poultry	2 137 060	2,0	2 606 197	2,1	22,0	
Remedies for forage, field and horticultural crops	4 737 328	4,4	5 515 529	4,5	16,4	
Seed, seedling and other plant material	8 732 859	8,0	10 088 249	8,3	15,5	
Fuel, lubricants and grease	9 308 392	8,5	10 437 269	8,6	12,1	
Containers, pallets and packing materials	6 952 778	6,4	6 818 716	5,6	-1,9	
Field crops	3 976 458	3,7	3 880 570	3,2	-2,4	
Horticultural products	1 414 327	1,3	1 637 398	1,3	15,8	
Animals	22 385 160	20,6	25 672 634	21,1	14,7	
Animal products	2 063 711	1,9	2 111 840	1,7	2,3	
Other purchases	7 157 398	6,6	9 649 886	7,9	34,8	
Total purchases	108 631 226	100,0	121 697 340	100,0	12,0	

Revised figures.Preliminary figure.

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Survey information

Background

The results presented in this publication are derived from the 2015 agricultural survey. This is an annual survey which measures economic activity in the farming sector of the South African economy. The survey is based on a sample of private and public enterprises operating in the agriculture and related services industry.

This publication summarises the financial and production data of the agriculture and related services industry.

The sample was drawn from Stats SA's business register, based on the units registered for value-added tax (VAT).

All figures exclude value-added tax (VAT).

The last agricultural survey was conducted for the year 2014 (Statistical release P1101 Agricultural survey 2014).

Reference period

The information was collected from enterprises for their financial year, which ended on any date between 1 July 2014 and 30 June 2015.

Purpose of the survey

The agricultural survey covers the activities of commercial farms in South Africa which are registered for value added tax (VAT). The collected information is used by government for policy formulation, decision making and to monitor performance of the industry. Individual farmers use the results to position themselves relative to the industry as a whole.

Uses of the agricultural survey include:

- Policy advisers in government for monitoring the performance of the industry and the contribution to the South African economy, and for evaluating the effectiveness of industry policies.
- Industry associations monitor trends in their own and competing or complementary industries in order to inform their members of market changes.
- Individual businesses use the data to analyse their performance relative to their industry.

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Scope and coverage

This survey covers enterprises registered in the taxation system that are mainly engaged in agriculture and related services. It includes the following major groups within its scope:

- (i) Growing of crops, market gardening and horticulture (SIC 111);
- (ii) Farming of animals (SIC 112);
- (iii) Growing of crops combined with farming of animals (mixed farming) (SIC 113);
- (iv) Agricultural and animal husbandry services, except veterinary activities (SIC 114);
- (v) Hunting, trapping, and game propagation including related services (SIC 115); and
- (vi) Production of organic fertiliser (SIC 116).

Including

South African based activities of enterprises which operate in multiple countries.

Excluding

Activities of South African based companies in other countries.

Classification by industry

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 the survey. The SIC is based on the 1990 *International Standard Industrial Classification of all Economic Activities (ISIC)* with suitable adaptations for local conditions. Statistics in this publication are presented at SIC major group (3-digit) level. Each enterprise is classified to an industry which reflects its predominant activity.

Statistical unit

The statistical units for the collection of the information are enterprises. An enterprise is a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its productions activities.

Revised figures

Revised figures are due to respondents reporting revisions or corrections to their figures and late submission of their data to Stats SA. Figures for the last 12 months will be regarded as preliminary.

Technical notes

Size groups

The enterprises are divided into four size groups according to the value of turnover as recorded on Stats SA business register (BR). Large enterprises are those with an annual recorded turnover above R22,5 million. Table A presents the size groups defined using the Department of Trade and Industry (DTI) cut-off points multiplied by 4,5.

Table A – Size groups for the Agricultural Survey 2015

Size group	Turnover		
Large	Turnover > R22 500 000		
Medium	R13 500 000 < turnover ≤ R22 500 000		
Small	R2 250 000 < turnover ≤ R13 500 000		
Micro	Turnover ≤ R2 250 000		

Survey methodology and design

The survey was conducted by email, fax, telephone, personal visits and post.

Enterprises were stratified using three-digit level according to the SIC and by size of enterprise. Business register turnover was used as a measure of size for stratification.

Collection rate

Collection rate = ((collected enterprises + finalised investigations) / sample size)*100. The collection rate was 80,7%.

Turnover collection rate

Turnover collection rate = ((weighted collected enterprises BR turnover + weighted finalised investigations BR turnover) / population turnover)*100. The turnover collection rate was 86,0%.

Weighting methodology

For those strata not completely enumerated, the weights to produce estimates are the inverse ratio of the sampling fraction, modified to take account of non-response in the survey. Stratum estimates are calculated and then aggregated with the completely enumerated strata to form the total estimates.

Non-sampling errors

Inaccuracies may occur because of imperfections in reporting by enterprises and errors made in the collection and processing of the data. Inaccuracies of this kind are referred to as non-sampling errors. Every effort is made to minimise non-sampling errors by careful design of questionnaires, testing them in pilot studies, editing reported data and implementing efficient operating procedures. Non-sampling errors occur in both sample surveys and censuses.

Comparability with previously published information

The information in this publication is comparable with the information published from the agricultural survey 2014 (P1101).

Rounding off of figures

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 and the totals shown.

Relative standard error

Figures presented in this publication are estimated from a sample and are, therefore, subject to sampling variability; that is, figures may differ from those that would have been produced if all enterprises in the agriculture and related services industry in South Africa had been included.

One measure of the likely difference is given by the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of enterprises was used. The relative standard error (RSE) provides an immediate indication of the percentage error likely to have occurred as a result of sampling. (Table B and Table C).

Table B – Income in the agricultural industry within 95% confidence limits: Agricultural Survey, 2014

Type of product	Lower limit	Income	Upper limit	Relative standard error
		R'000		
Field crops	43 244 455	45 401 744	47 559 033	2,4
Horticulture crops	43 865 084	45 447 184	47 029 284	1,8
Animals and animal products	91 726 562	94 062 339	96 398 116	1,3

Table C – Income in the agricultural industry within 95% confidence limits: Agricultural Survey, 2015

Type of product	Lower limit	Income	Upper limit	Relative standard error
		R'000		
Field crops	48 277 186	50 760 591	53 243 996	2,5
Horticulture crops	47 467 773	49 588 965	51 710 157	2,2
Animals and animal products	106 766 744	109 490 474	112 214 204	1,3

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Glossary

Farmer

Individuals, partnerships, close corporations, companies or other enterprises that operate a farming unit for their own account; or managers, foremen or other persons to whom the control of a farming unit was entrusted.

Farming unit

Any unit on which one or more of the following farming operations are carried out for commercial purposes:

- Cultivation in the open air or under cover of field crops, vegetable plants, fruit or flowers
- Operation of a tea, coffee or sugar plantation
- Breeding of livestock, poultry, game or other animals, including freshwater fish, furred animals and trade in livestock
- Production of milk, wool, mohair, eggs or honey

Symbols and abbreviations

BR Business register

DTI Department of Trade and Industry

GDP Gross domestic product

IT Income tax

0 Nil or less than half the final digit shown

SARS South African Revenue Service

StatsSA Statistics South Africa

VAT Value added tax

_ Figures not available

Total income

Total income, as reported by the farmer, includes income earned from agricultural products sold and other income. In this release, agricultural products are divided into field crops, horticultural crops and products, other agricultural products, animals and animal products.

- Field crops include cereals, oil seeds, legumes, sugar-cane and fodder crops
- Horticulture crops include vegetables, fruits ,aromatic and seeds
- Animals include livestock, poultry, game, aquaculture and all other animals
- Animal products include milk, eggs, hides and skins, wool and feathers
- Horticultural products include cellar products, dried fruit, cane fruit, sparkling wine and sherry
- Other agricultural products include aquaculture products, forestry products, organic fertiliser and forage and silage

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Other income

Other income includes:

- rental income
- farm-based retail store sales
- rebates
- tourism accommodation, excluding tourism services
- water rights traded
- tourism services, excluding accommodation

Other expenditure

Other expenditure includes:

- accounting fees
- consulting fees
- artificial insemination costs
- licence fees
- membership or affiliation costs
- property rates paid to municipalities
- leasing and hiring of livestock
- research and development cost
- storage cost

Other assets

Other assets includes:

- construction works, roads and parking areas
- computers and other IT equipment
- intangible fixed assets (computer software, other)
- intangible non-produced assets (goodwill, patented entities, etc.)
- other assets

Other capital expenditure

Other capital expenditure includes

- construction works, roads and parking areas
- computers and other IT equipment
- intangible fixed assets (computer software, other)
- intangible non-produced assets (goodwill, patented entities, etc.)
- other assets

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