



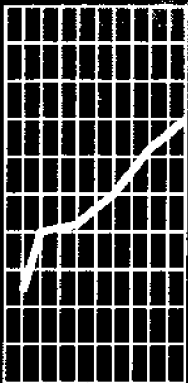
1995-96

EMBARGO: 11:30 AM (CANBERRA TIME) FRI 25 JULY 1997

Agriculture

South Australia

Statistics



NOTES

SYMBOLS AND OTHER USAGES

evao	estimated value of agricultural operations
ha	hectares
kg	kilograms
km	kilometres
n.a.	not available
n.c.	not collected
n.e.c.	not elsewhere classified
n.p.	not published
n.y.a.	not yet available
p	preliminary
r	figure or series revised since previous issue
SE%	percentage standard error
t	tonnes
*	SE% greater than 100. Estimate included for completeness. Sampling variability too high for most practical purposes.
**	Where an estimate is small compared to previous years, the relative standard error may be a misleading indicator of the reliability of the estimate
—	nil or rounded to zero

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INQUIRIES

For further information about statistics in this publication and the availability of related unpublished statistics, contact Peter Carmalt on Adelaide (08) 8237 7632 or any ABS State office.

For information about other ABS statistics and services, please refer to the back of this publication.

Peter Gardner
Regional Director

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SUMMARY OF FINDINGS

INTRODUCTION

During 1995–96 there was a marked improvement over the previous drought affected year. Good conditions were experienced in the principal grain growing regions of the Eyre, and Yorke and Lower North Statistical Divisions (SDs). The State's average yield for wheat for 1995–96 was 1.8 t/ha compared to 1.1 t/ha for 1994–95. Production of field peas also showed significant improvement. In 1995–96, the grape growing industry produced a record crop (406,800 tonnes). Wool prices in 1995–96 continued to decline; however, the bright side for the sheep industry was strong prices for fat lambs.

STRUCTURE OF AGRICULTURAL INDUSTRY

From 31 March 1995 to 31 March 1996, there was a 0.1% decrease in the number of establishments with agricultural activity. The total at 31 March 1996 (15,940), included 234 establishments with some agricultural activity, but whose main activity was in some other industry, and 144 establishments which were not classified to any industry. Of the 15,940 establishments with an estimated value of agricultural output (EVAO) of \$5,000 or more at census selection, 13,493 (84.6%) had an EVAO of \$22,500 or more. The main industries of the agricultural establishments were:

	<i>Number</i>	<i>% of establishments with agricultural activity</i>
Grain growing	3 732	23.4
Grain-sheep/beef cattle farming	2 753	17.3
Grape growing	1 769	11.1

At 31 March 1996, there were 3,732 (23.4%) establishments with an EVAO of \$5,000 or more classified to grain growing. This was a 40.7% increase from 2,652 establishments classified to grain growing at 31 March 1995. This increase was a reflection of an improved grain growing season. There was a substantial fall from 31 March 1995 to 31 March 1996 in the number of establishments classified to grain-sheep/beef cattle farming; the number fell by 23.3% from 3,588 to 2,753. Establishments classified to sheep farming fell also, by 9.2%, from 1,617 to 1,468. Establishments in the grape growing industry increased by 2.3%, from 1,730 to 1,769 (see table 1).

At 31 March 1996, only 825 (5.2%) establishments with agricultural activity had an EVAO of \$500,000 or more. In contrast, 7,513 (47.1%) establishments had an EVAO between \$100,000 and \$499,999. Establishments in the grape growing industry with an EVAO in the range \$50,000 to \$199,999 accounted for 50.5% of all grape growing establishments, while those with an EVAO of \$500,000 or more accounted for only 3.5% of establishments classified to grape growing (see table 5).

For all establishments with agricultural activity, 32.9% had an area of less than 100 ha each and a further 25.3% had an area in the range 100 ha to 499 ha each. There were 21 establishments with an area each of 500,000 ha or more at 31 March 1996; most of these were in the beef cattle farming industry (see table 6).

SUMMARY OF FINDINGS *continued*

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LAND MANAGEMENT

At 31 March 1996, establishments with agricultural activity occupied 56,901,000 ha. This was 57.8% of South Australia's total area. The area of cereal crops was 2,911,200 ha, an increase of 16.6% on the previous year when 2,496,400 ha were planted (see table 7).

During 1995-96, grazing, baling, or fire harrowing were the main methods of handling crop stubble. These methods were used on 516,400 ha. The next most popular method was to plough stubble into the soil; this was used on 508,200 ha. Stubble was mulched on 457,400 ha, while stubble was burnt on 151,300 ha. Direct drilling (i.e. stubble left intact) was used on 272,400 ha (see table 8).

A total of 1.6 million tree seedlings were planted during the year ended 31 March 1996. The South East, and Adelaide and Outer Adelaide SDs accounted for 61.3% of these tree seedlings (see table 10).

During 1995-96, farmers erected 4,557.7 km of fencing to isolate and protect land. Most fencing (2,410 km) was erected to protect areas of planted trees and shrubs. Also, 828.2 km of fencing was erected to protect areas of remnant native vegetation (see table 11).

A total of 428,200 tonnes of fertilisers (nitrogenous, phosphatic, potassium, compound) were used by farmers during year ended 31 March 1996. The principal fertiliser type used was phosphatic; 183,400 tonnes were applied over 1,795,100 ha (see table 12).

A total of 107,800 tonnes of soil conditioners (lime, dolomite and gypsum) were used. The main soil conditioner used was gypsum; 76,300 tonnes were applied over 35,200 ha (see table 13).

In 1995-96, the total area irrigated in South Australia was 92,100 ha. The most frequently used method of determining when to irrigate was local knowledge; this method was used by 2,821 establishments (see table 15).

CROPS AND PASTURES

During the year ended 31 March 1996, wheat and barley were the main cereals for grain grown in South Australia; both showed major increases in yield. The increase in production was a combination of an increase in yield and an increase in area planted.

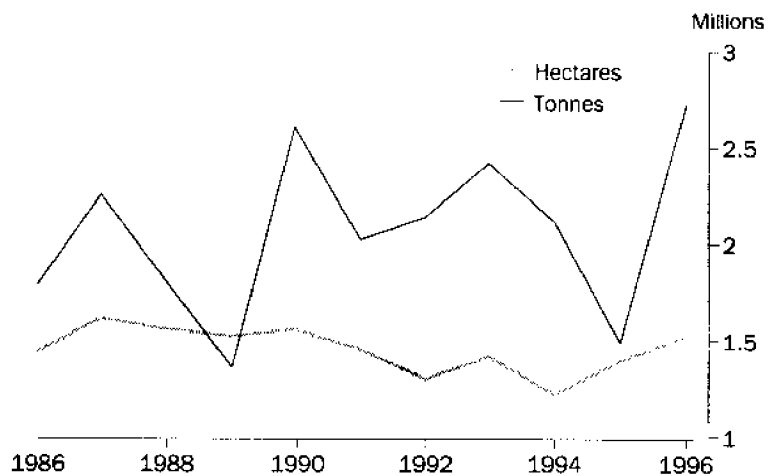
WHEAT

The area planted to wheat in 1995-96 was 1,519,100 ha, 8.9% more than in the 1994-95 season. Wheat production was 2,724,000 tonnes, an increase of 83.1% from the 1994-95 crop. The Eyre SD accounted for 46.5% of the State's area planted and 35.3% of the State's production. The other main wheat regions, in terms of production, were the Yorke and Lower North SD (28.3%) and the Northern SD (16.2%) (see table 16).

In 1995-96, wheat for grain was grown by 6,115 farm establishments, most growing less than 100 ha. Of the establishments growing wheat, only 3.4% planted 1,000 ha or more. The median wheat area planted in 1995-96 was 152 ha (see tables 22 and 23).

SUMMARY OF FINDINGS *continued*

WHEAT, YEARS ENDED 31 MARCH

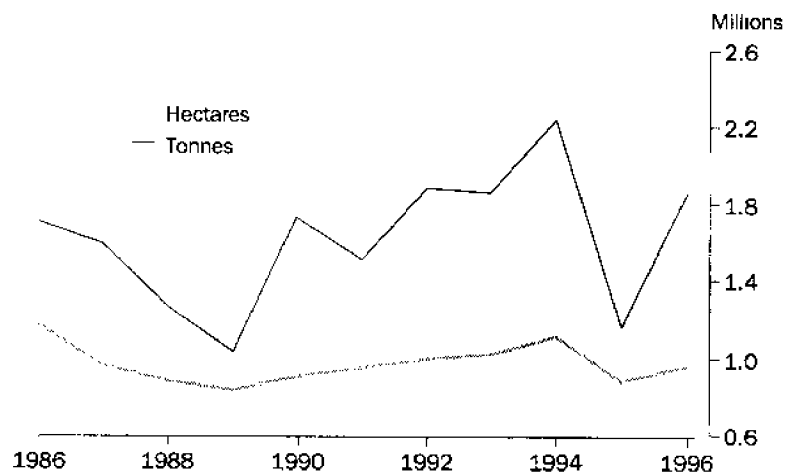


BARLEY

Barley for grain was grown by 6,234 establishments on 963,500 ha. In 1995-96, barley production increased by 59.8% to 1,851,100 tonnes. Average yield in 1995-96 was 1.9 t/ha compared with a 1994-95 average of 1.3 t/ha.

The main barley growing regions were Yorke and Lower North SD (31.3% of area and 40.4% of production), Eyre SD (24.8% of area and 21.1% of production) and Murray Lands SD (25.0% of area and 17.0% of production) (see table 16).

BARLEY, YEARS ENDED 31 MARCH



FIELD PEAS

The area sown to field peas decreased by 9.2% in 1995-96. Total field pea production was 213,500 tonnes, an increase of 51.0% over the previous season. The main field pea growing region was Yorke and Lower North SD which accounted for 51.7% of the State's area and 54.9% of the State's production.

SUMMARY OF FINDINGS *continued*

The average yield in 1995-96 increased to 1.4 t/ha from 0.8 t/ha the previous year (see table 17).

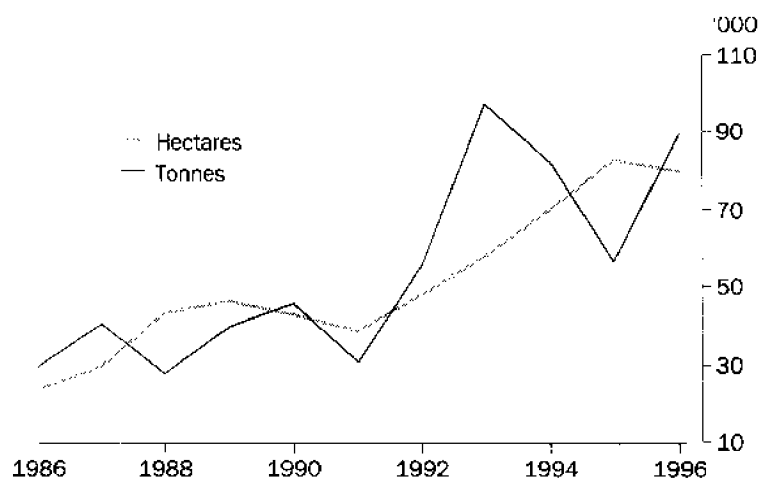
FIELD PEAS, YEARS ENDED 31 MARCH



LUPINS

The total area sown to lupins decreased from 82,700 ha in 1994-95 to 79,600 ha in 1995-96. However, production increased by 59.7% to 89,900 tonnes. Lupins were grown in all areas with most grown in the Eyre SD which accounted for 27.5% of the State's area and 30.8% of the State's production (see table 17).

LUPINS, YEARS ENDED 31 MARCH

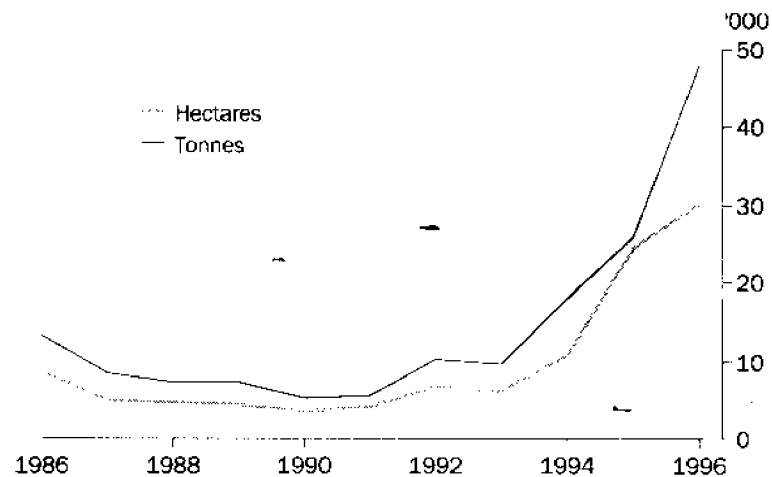


SUMMARY OF FINDINGS *continued*

CANOLA

During 1995–96, canola continued to increase in terms of area and production. There was an increase of 24.1% over the previous season in area planted. Total production increased by 85.7% to 48,100 tonnes. The main growing regions were the South East, and Yorke and Lower North SDs which together accounted for 61.8% of the State's area and 64.7% of the State's production (see table 19).

CANOLA, YEARS ENDED 31 MARCH



HORTICULTURE

ORANGES

During 1995–96, total orange production fell to 170,500 tonnes, a decrease of 14.4% over the previous year. Murray Lands SD accounted for virtually all orange production in South Australia. Total tree numbers decreased slightly from 2,171,000 at 31 March 1995 to 2,144,600 at 31 March 1996 (see table 25).

ORANGE PRODUCTION, YEARS ENDED 31 MARCH



SUMMARY OF FINDINGS *continued*

APPLES

The number of apple trees at 31 March 1996 stood at 832,600, an increase of 3.0% on 31 March 1995. However, production over the same period decreased by 13.9% to 20,300 tonnes. The major apple growing areas in South Australia were Adelaide and Outer Adelaide SDs which together accounted for 86.0% of the State's production and 76.2% of the State's trees. (see table 25).

APPLE PRODUCTION, YEARS ENDED 31 MARCH



APRICOTS

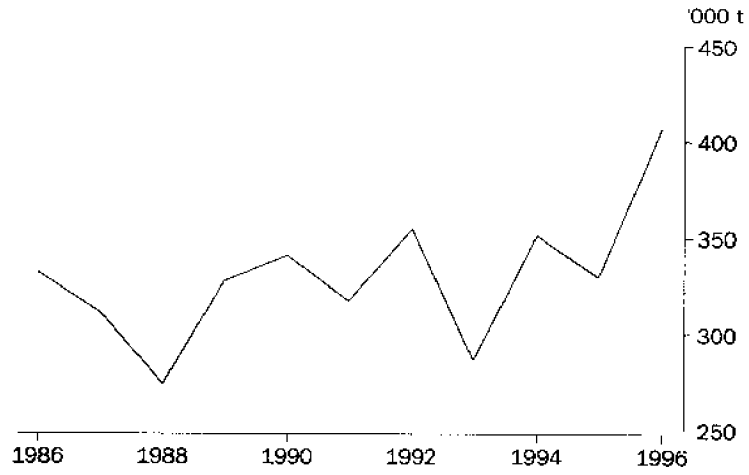
There were 475,200 apricot trees at 31 March 1996, a decrease of 3.5% over the previous year. Production for the year fell by 22.9% to 13,400 tonnes (see table 26).

GRAPES

The total area of vines at harvest in 1995-96 increased by 8.8% over the previous year to 35,500 ha; total grape production increased by 23.4% to 406,800 tonnes. Production of wine grapes increased by 23.6% to 395,800 tonnes. Grape production for drying increased by 7.7% to 7,200 tonnes. The major wine grape growing area was Murray Lands SD which accounted for 51.3% of the State's wine grape production; this was followed by Adelaide and Outer Adelaide SDs with 29.5%. Murray Lands SD was the principal region growing grapes for drying; it accounted for 98.7% of the State's grapes for drying production (see table 30).

SUMMARY OF FINDINGS *continued*

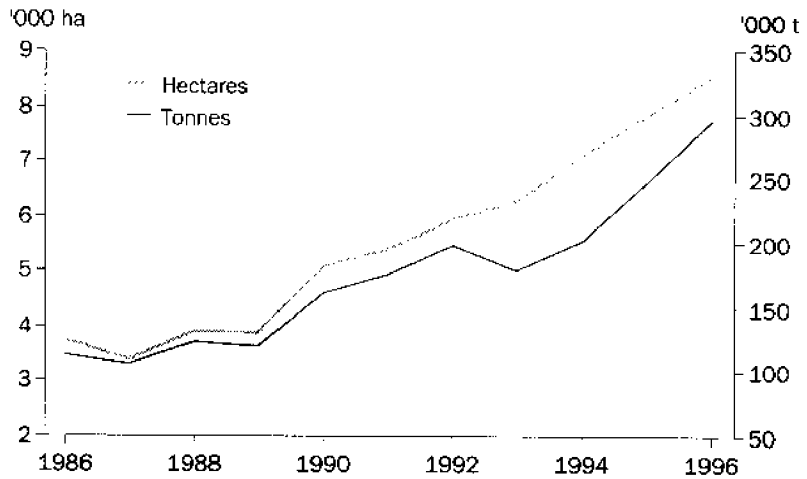
GRAPE PRODUCTION, YEARS ENDED 31 MARCH



POTATOES

The total area planted to potatoes in 1995-96 was 8,100 hectares, an increase of 3.6% over 1994-95. Production increased by 15.7% to 286,300 tonnes (see table 31).

POTATOES, YEARS ENDED 31 MARCH



SUMMARY OF FINDINGS *continued*

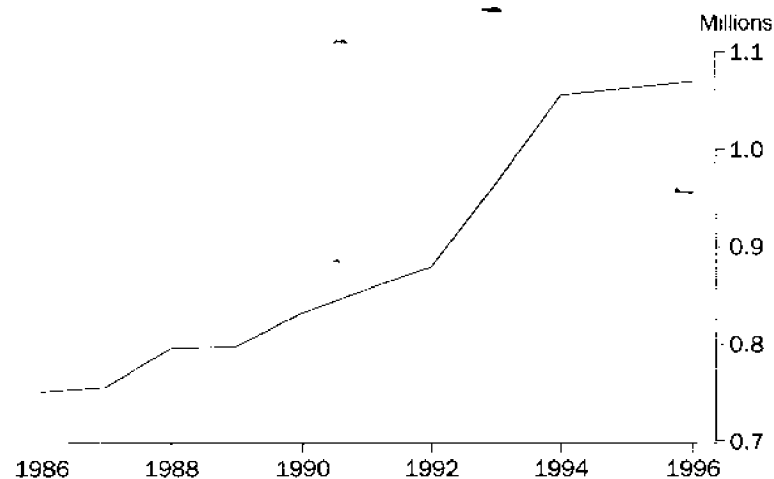
LIVESTOCK AND LIVESTOCK PRODUCTS

MEAT CATTLE

The meat cattle herd was 1.1 million at 31 March 1996, a slight increase of 0.5% over the previous year. The number of establishments with meat cattle at 31 March 1996 was 5,879, an increase on the 5,775 establishments the previous year. The major SDs in terms of numbers of meat cattle were South East and Northern with 49.7% and 19.4%, respectively, of the State's meat cattle.

At 31 March 1996, 7.2% of all establishments with meat cattle had a herd size of 500 or more. These establishments accounted for 50.8% of all meat cattle (see tables 37, 38 and 39).

MEAT CATTLE, AT 31 MARCH



MILK CATTLE

The milk cattle herd decreased to 149,700 at 31 March 1996, a fall of 1.8% on the previous year. The number of establishments with milk cattle fell by 3.0% to 959. The major SDs in terms of milk cattle numbers were Adelaide and Outer Adelaide SDs which together accounted for 43.6% of the State's milk cattle herd (see tables 40 and 41).

At 31 March 1996, herd sizes of 250 or over were recorded by 17.5% of establishments with milk cattle. These establishments accounted for 41.6% of the milk cattle herd (see table 42).

SUMMARY OF FINDINGS *continued*

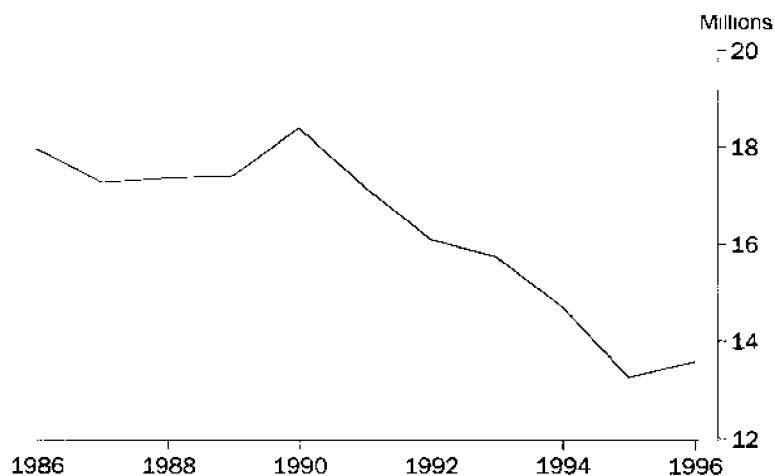
MILK CATTLE, AT 31 MARCH



SHEEP AND LAMBS

There were 9,093 establishments with sheep and lambs at 31 March 1996, an increase of 1.3% from the previous year. Sheep and lamb numbers at 31 March 1996 were 13.6 million, an increase of 2.5% on the previous year. The major SD in terms of sheep and lamb numbers was South East which accounted for 25.0% of the State's flock (see tables 43 and 44). The number of lambs marked increased by 8.0% to 5.2 million (see table 46).

SHEEP AND LAMBS, AT 31 MARCH

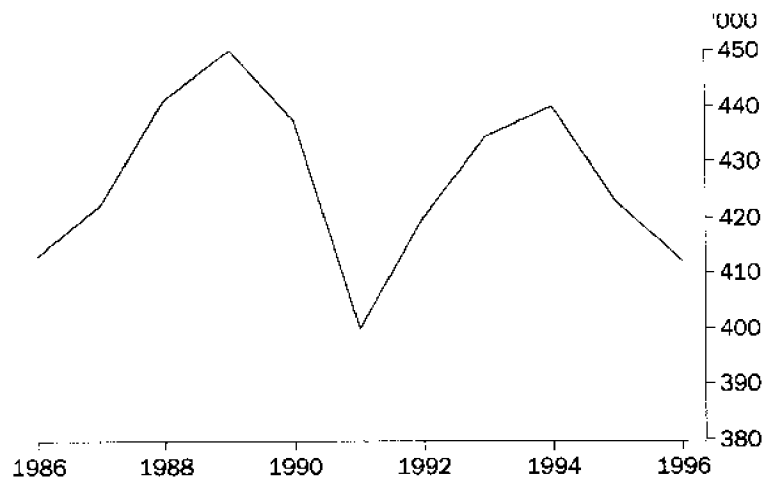


PIGS

Pig numbers at 31 March 1996 were 412,100, a decrease of 2.6% from the previous year. The number of establishments with pigs was 922, a decrease of 10.7% from the previous year. The major SDs in terms of pig numbers were Murray Lands, and Adelaide and Outer Adelaide which together accounted for 65.9% of the State's herd. There were 350 establishments (38.0%) with 200 or more pigs; these establishments accounted for 91.7% of the State's herd (see tables 47 and 48).

SUMMARY OF FINDINGS *continued*

PIGS, AT 31 MARCH



VALUE OF AGRICULTURAL COMMODITIES PRODUCED

At the time of publication, preliminary figures only were available for the gross value of agricultural commodities produced during 1995-96. Wheat was the leading crop in terms of value of production (\$737.3m). This was an increase of 109.8% over the previous year. Barley was the second biggest crop in terms of gross value (\$393.3m) (see table 21).

Preliminary figures show that grapes remained the leading individual fruit in value terms at \$329.3m, followed by oranges with a value of production of \$100.2m; these two commodities accounted for 78.9% of the gross value of fruit production in South Australia (see table 29).

Potatoes remained the principal vegetable in terms of gross value. In 1995-96, potato production was valued at \$83.0m. This was a decrease of 11.8% over the previous year. Onions were the second biggest vegetable in terms of gross value (\$43.8m); this was an increase of 55.9% over the 1994-95 season (see table 33).

The gross value of livestock slaughterings decreased from the previous year to \$425.6m. Cattle and calves slaughterings represented 37.5% of the total gross value of livestock slaughterings, followed by sheep and lambs which represented 34.3% (see table 54).

For 1995-96, the gross value of wool production was \$324.9m. The gross value of eggs increased by 21.1% to \$20.1m. During 1995-96, the gross value of milk was \$171.2m, an increase of 17.4% over the previous year (see table 54).

1

ESTABLISHMENTS BY INDUSTRY, EVAO \$5,000 and over, at 31 March(a)

Industry class		1994	1995	1996
ANZSIC code	Industry of establishment	no.	no.	no.
0111	Plant nurseries	123	128	125
0112	Cut flower and flower seed growing	111	122	125
0113	Vegetable growing	606	569	561
0114	Grape growing	1 468	1 730	1 769
0115	Apple and pear growing	158	141	130
0116	Stone fruit growing	368	383	330
0117	Kiwi fruit growing	—	—	—
0119	Fruit growing n.e.c.	797	697	666
0121	Grain growing	3 195	2 652	3 732
0122	Grain-sheep/beef cattle farming	3 253	3 588	2 753
0123	Sheep-beef cattle farming	1 162	1 108	1 084
0124	Sheep farming	1 838	1 617	1 468
0125	Beef cattle farming	1 145	1 224	1 203
0130	Dairy cattle farming	881	850	825
0141	Poultry farming (meat)	72	72	71
0142	Poultry farming (eggs)	55	47	43
0151	Pig farming	219	221	169
0152	Horse farming	149	109	106
0153	Deer farming	55	49	50
0159	Livestock farming n.e.c.	169	194	216
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	100	110	136
Total (ANZSIC Code 01)		15 924	15 611	15 562
02	Services to agriculture; hunting and trapping	20	24	43
03	Forestry and logging	1	—	—
04	Commercial fishing	4	6	7
Total (ANZSIC Division A)		15 949	15 641	15 612
All other ANZSIC Divisions		128	165	184
Unclassified		268	146	144
Total all industries		16 345	15 952	15 940

(a) Number of establishments with an EVAO of \$5,000 or more at the time of selection in the agricultural census. See explanatory note 4 on page 69.

2

ESTABLISHMENTS BY INDUSTRY, EVAO \$22,500 and over, at 31 March

Industry class		1994	1995	1996
ANZSIC code	Industry of establishment	no.	no.	no.
0111	Plant nurseries	115	115	114
0112	Cut flower and flower seed growing	67	94	95
0113	Vegetable growing	509	488	485
0114	Grape growing	1 287	1 403	1 521
0115	Apple and pear growing	141	124	120
0116	Stone fruit growing	233	273	216
0117	Kiwi fruit growing	—	—	—
0119	Fruit growing n.e.c.	672	574	562
0121	Grain growing	2 970	2 459	3 588
0122	Grain-sheep/beef cattle farming	3 084	3 395	2 632
0123	Sheep-beef cattle farming	963	937	932
0124	Sheep farming	1 290	1 201	1 097
0125	Beef cattle farming	508	540	542
0130	Dairy cattle farming	838	831	802
0141	Poultry farming (meat)	69	70	68
0142	Poultry farming (eggs)	53	42	36
0151	Pig farming	190	193	146
0152	Horse farming	76	59	59
0153	Deer farming	53	47	49
0159	Livestock farming n.e.c.	121	133	172
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	77	88	100
Total (ANZSIC Code 01)		13 316	13 066	13 336
02	Services to agriculture; hunting and trapping	9	13	21
03	Forestry and logging	—	—	—
04	Commercial fishing	1	—	4
Total (ANZSIC Division A)		13 326	13 079	13 361
All other ANZSIC Divisions		83	110	132
Unclassified		—	—	—
Total all industries		13 409	13 189	13 493

3

ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, Statistical Divisions, EVAO \$5,000 & over(a)(b)

	1994	1995	1996
<i>Statistical division</i>	no.	no.	no.
Adelaide and Outer Adelaide	4 306	4 224	4 193
Yorke and Lower North	2 335	2 271	2 258
Murray Lands	3 930	3 848	3 806
South East	2 672	2 608	2 656
Eyre	1 663	1 618	1 643
Northern	1 439	1 383	1 384
South Australia	16 345	15 952	15 940

(a) See explanatory note 4 on page 69.

(b) Figures are at 31 March.

4

ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, Statistical Divisions, EVAO \$22,500 & over(a)

	1994	1995	1996
<i>Statistical division</i>	no.	no.	no.
Adelaide and Outer Adelaide	2 926	2 911	2 991
Yorke and Lower North	2 039	2 002	2 056
Murray Lands	3 404	3 346	3 392
South East	2 200	2 164	2 214
Eyre	1 557	1 530	1 569
Northern	1 283	1 236	1 271
South Australia	13 409	13 189	13 493

(a) Figures are at 31 March.

ESTIMATED VALUE OF AGRICULTURAL OPERATIONS(\$).....

Industry class		Less than 5,000(a)	5,000 to 22,499	22,500 to 49,999	50,000 to 99,999
ANZSIC code	Industry of establishment	no.	no.	no.	no.
0111	Plant nurseries	—	11	7	23
0112	Cut flower and flower seed growing	3	27	37	24
0113	Vegetable growing	5	71	86	89
0114	Grape growing	25	223	347	454
0115	Apple and pear growing	—	10	14	20
0116	Stone fruit growing	8	106	86	85
0117	Kiwi fruit growing	—	—	—	—
0119	Fruit growing n.e.c.	4	100	129	140
0121	Grain growing	20	124	240	437
0122	Grain-sheep/beef cattle farming	3	118	314	673
0123	Sheep-beef cattle farming	9	143	194	243
0124	Sheep farming	38	333	293	310
0125	Beef cattle farming	76	585	231	125
0130	Dairy cattle farming	3	20	47	128
0141	Poultry farming (meat)	2	1	1	2
0142	Poultry farming (eggs)	—	7	4	3
0151	Pig farming	4	19	22	29
0152	Horse farming	6	41	36	14
0153	Deer farming	—	1	8	10
0159	Livestock farming n.e.c.	5	39	64	44
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	7	29	23	21
Total (ANZSIC Code 01)		218	2 008	2 183	2 874
02	Services to agriculture; hunting and trapping	3	19	8	5
03	Forestry and logging	—	—	—	—
04	Commercial fishing	1	2	2	1
Total (ANZSIC Division A)		222	2 029	2 193	2 880
All other ANZSIC Divisions		5	47	45	37
Unclassified		144	—	—	—
Total all industries		371	2 076	2 238	2 917

(a) See explanatory note 4 on page 69.

ESTIMATED VALUE OF AGRICULTURAL OPERATIONS (\$)

Industry class		100,000 to 199,999	200,000 to 499,999	500,000 or more	Total establishments
ANZSIC code	Industry of establishment	no.	no.	no.	no.
0111	Plant nurseries	33	35	16	125
0112	Cut flower and flower seed growing	26	5	3	125
0113	Vegetable growing	87	93	130	561
0114	Grape growing	439	219	62	1 769
0115	Apple and pear growing	34	30	22	130
0116	Stone fruit growing	28	15	2	330
0117	Kiwi fruit growing	—	—	—	—
0119	Fruit growing n.e.c.	141	113	39	666
0121	Grain growing	1 042	1 563	306	3 732
0122	Grain-sheep/beef cattle farming	1 011	587	47	2 753
0123	Sheep-beef cattle farming	299	160	36	1 084
0124	Sheep farming	309	159	26	1 468
0125	Beef cattle farming	90	67	29	1 203
0130	Dairy cattle farming	318	286	23	825
0141	Poultry farming (meat)	17	33	15	71
0142	Poultry farming (eggs)	6	9	14	43
0151	Pig farming	35	44	16	169
0152	Horse farming	6	3	—	106
0153	Deer farming	13	14	4	50
0159	Livestock farming n.e.c.	25	23	16	216
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	19	28	9	136
Total (ANZSIC Code 01)		3 978	3 486	815	15 562
02	Services to agriculture; hunting and trapping	4	4	—	43
03	Forestry and logging	—	—	—	—
04	Commercial fishing	—	1	—	7
Total (ANZSIC Division A)		3 982	3 491	815	15 612
All other ANZSIC Divisions		24	16	10	184
Unclassified		—	—	—	144
Total all industries		4 006	3 507	825	15 940

AREA OF ESTABLISHMENTS (HECTARES).....

Industry class		0 to 49	50 to 99	100 to 499	500 to 999	1,000 to 2,499
ANZSIC code	Industry of establishment	no.	no.	no.	no.	no.
0111	Plant nurseries	114	2	7	2	—
0112	Cut flower and flower seed growing	106	8	8	2	1
0113	Vegetable growing	343	69	94	27	21
0114	Grape growing	1 478	119	141	20	10
0115	Apple and pear growing	90	20	15	5	—
0116	Stone fruit growing	311	11	6	2	—
0117	Kiwi fruit growing	—	—	—	—	—
0119	Fruit growing n.e.c.	591	36	27	7	2
0121	Grain growing	51	107	926	1 064	1 115
0122	Grain-sheep/beef cattle farming	23	41	780	821	808
0123	Sheep-beef cattle farming	38	72	362	264	215
0124	Sheep farming	68	90	487	322	222
0125	Beef cattle farming	274	258	403	101	86
0130	Dairy cattle farming	71	144	491	87	28
0141	Poultry farming (meat)	55	11	5	—	—
0142	Poultry farming (eggs)	25	2	9	2	5
0151	Pig farming	56	25	64	13	9
0152	Horse farming	59	22	21	3	—
0153	Deer farming	21	4	19	3	2
0159	Livestock farming n.e.c.	139	21	28	15	8
0161	Sugar cane growing	—	—	—	—	—
0162	Cotton growing	—	—	—	—	—
0169	Crop and plant growing n.e.c.	35	24	42	22	13
Total (ANZSIC Code 01)		3 948	1 086	3 935	2 782	2 545
02	Services to agriculture; hunting and trapping	10	10	17	4	2
03	Forestry and logging	—	—	—	—	—
04	Commercial fishing	2	—	3	—	1
Total (ANZSIC Division A)		3 960	1 096	3 955	2 786	2 548
All other ANZSIC Divisions		87	29	45	10	12
Unclassified		55	20	40	14	10
Total all Industries		4 102	1 145	4 040	2 810	2 570

AREA OF ESTABLISHMENTS (HECTARES).....

Industry class		2,500 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999
ANZSIC code	Industry of establishment	no.	no.	no.	no.	no.
0111	Plant nurseries	—	—	—	—	—
0112	Cut flower and flower seed growing	—	—	—	—	—
0113	Vegetable growing	7	—	—	—	—
0114	Grape growing	1	—	—	—	—
0115	Apple and pear growing	—	—	—	—	—
0116	Stone fruit growing	—	—	—	—	—
0117	Kiwi fruit growing	—	—	—	—	—
0119	Fruit growing n.e.c.	2	—	—	1	—
0121	Grain growing	349	103	14	3	—
0122	Grain-sheep/beef cattle farming	188	66	23	2	1
0123	Sheep-beef cattle farming	68	30	15	6	2
0124	Sheep farming	78	36	46	40	36
0125	Beef cattle farming	28	8	3	1	3
0130	Dairy cattle farming	4	—	—	—	—
0141	Poultry farming (meat)	—	—	—	—	—
0142	Poultry farming (eggs)	—	—	—	—	—
0151	Pig farming	1	—	1	—	—
0152	Horse farming	—	—	—	—	1
0153	Deer farming	—	1	—	—	—
0159	Livestock farming n.e.c.	4	—	—	—	—
0161	Sugar cane growing	—	—	—	—	—
0162	Cotton growing	—	—	—	—	—
0169	Crop and plant growing n.e.c.	—	—	—	—	—
Total (ANZSIC Code 01)		730	244	102	53	43
02	Services to agriculture; hunting and trapping	—	—	—	—	—
03	Forestry and logging	—	—	—	—	—
04	Commercial fishing	—	1	—	—	—
Total (ANZSIC Division A)		730	245	102	53	43
All other ANZSIC Divisions		—	—	1	—	—
Unclassified		3	—	2	—	—
Total all Industries		733	245	105	53	43

AREA OF ESTABLISHMENTS (HECTARES).....

Industry class		100,000 to 199,999	200,000 to 499,999	500,000 or more	Total establishments
ANZSIC code	Industry of establishment	no.	no.	no.	no.
0111	Plant nurseries	—	—	—	125
0112	Cut flower and flower seed growing	—	—	—	125
0113	Vegetable growing	—	—	—	561
0114	Grape growing	—	—	—	1 769
0115	Apple and pear growing	—	—	—	130
0116	Stone fruit growing	—	—	—	330
0117	Kiwi fruit growing	—	—	—	—
0119	Fruit growing n.e.c.	—	—	—	666
0121	Grain growing	—	—	—	3 732
0122	Grain-sheep/beef cattle farming	—	—	—	2 753
0123	Sheep-beef cattle farming	5	6	1	1 084
0124	Sheep farming	23	17	3	1 468
0125	Beef cattle farming	5	16	17	1 203
0130	Dairy cattle farming	—	—	—	825
0141	Poultry farming (meat)	—	—	—	71
0142	Poultry farming (eggs)	—	—	—	43
0151	Pig farming	—	—	—	169
0152	Horse farming	—	—	—	106
0153	Deer farming	—	—	—	50
0159	Livestock farming n.e.c.	—	—	—	216
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	—	—	—	136
Total (ANZSIC Code 01)		33	40	21	15 562
02	Services to agriculture; hunting and trapping	—	—	—	43
03	Forestry and logging	—	—	—	—
04	Commercial fishing	—	—	—	7
Total (ANZSIC Division A)		33	40	21	15 612
All other ANZSIC Divisions		—	—	—	184
Unclassified		—	—	—	144
Total all industries		33	40	21	15 940

7 AREA AND LAND USE OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, At 31 March 1996

Statistical division	Area of cereal crops(a)	Area of other crops	Area of orchard trees	Area of vegetables
	'000 ha	'000 ha	'000 ha	'000 ha
Adelaide and Outer Adelaide	140.9	45.7	4.0	5.1
Yorke and Lower North	697.9	120.6	0.1	—
Murray Lands	595.5	53.7	13.9	5.4
South East	93.2	59.7	0.2	3.1
Eyre	1 053.7	47.3	0.1	—
Northern	329.9	46.4	0.1	—
South Australia				
1996	2 911.2	373.4	18.4	13.6
1995	2 496.4	339.9	18.1	12.6
1994	2 549.2	291.7	18.6	13.8

Statistical division	Area of holding	Area of non-agricultural land(b)	Total area (agricultural and non-agricultural land)
	'000 ha	'000 ha	'000 ha
Adelaide and Outer Adelaide	864.0	523.5	1 387.5
Yorke and Lower North	1 698.9	152.7	1 851.6
Murray Lands	3 372.3	1 407.0	4 779.3
South East	1 709.9	422.1	2 132.0
Eyre	4 521.6	2 713.8	7 235.4
Northern	44 734.3	36 288.5	81 022.8
South Australia			
1996	56 901.0	41 507.5	98 408.5
1995	56 101.0	42 307.5	98 408.5
1994	57 266.5	41 142.0	98 408.5

(a) Excludes pastures and grasses harvested for hay and seed.

(b) Comprises conserved land, forestry, urban and unused land such as vacant Crown land, commercially unused land on Aboriginal and other Crown reserves and waste land, ephemeral lakes, mangrove swamps, etc.

8

CROP STUBBLE DISPOSAL, Year ended 31 March 1996

AREA OF HOLDING ON WHICH CROP STUBBLE TECHNIQUES WERE USED.....

<i>Statistical division</i>	<i>Stubble was burnt</i>	<i>Stubble removed by grazing, baling or fire harrowing</i>	<i>Stubble was incorporated(a)</i>	<i>Stubble was mulched(b)</i>	<i>Stubble was left intact(c)</i>
	ha	ha	ha	ha	ha
Adelaide and Outer Adelaide	6 948.9	27 879.7	31 036.5	32 970.8	8 286.6
Yorke and Lower North	60 874.5	114 275.3	144 594.1	211 410.3	52 927.6
Murray Lands	15 184.9	98 996.1	94 318.2	51 291.3	35 467.8
South East	27 210.9	25 026.9	20 482.9	19 510.9	11 830.7
Eyre	33 550.2	204 980.0	139 742.0	75 665.0	130 727.2
Northern	7 562.0	45 280.1	78 057.6	66 580.1	33 146.7
South Australia					
1996	151 331.4	516 438.1	508 231.3	457 428.4	272 386.6
1995	184 892.8	n.c.	640 796.1	355 248.6	352 116.5

(a) Farm machinery used to plough stubble into soil.

(b) Farm machinery used to chop or slash stubble into smaller lengths.

(c) No cultivation; crops sown by direct drilling.

9

CULTIVATION OF BROADACRE CROPS, Year ended 31 March 1996

<i>Statistical division</i>	<i>More than two cultivations</i>	<i>One or two cultivations</i>	<i>No cultivation</i>
	ha	ha	ha
Adelaide and Outer Adelaide	38 368.6	70 788.9	8 014.4
Yorke and Lower North	202 688.6	427 155.6	42 966.0
Murray Lands	256 662.9	233 897.2	20 052.5
South East	46 587.3	53 044.2	17 280.8
Eyre	157 036.9	621 441.4	106 699.6
Northern	53 285.1	203 549.4	33 696.4
South Australia	754 629.4	1 609 876.7	228 709.7

Statistical division	CLEARED AGRICULTURAL LAND PLANTED WITH TREES(b).....		SEEDLINGS PLANTED.....			
	For timber/pulp	Other purposes	For timber/pulp.....		Other purposes.....	
	ha	ha	'000	ha	'000	ha
Adelaide and Outer Adelaide	767.9	861.4	366.8	580.0	86.2	281.1
Yorke and Lower North	12.0	370.6	0.7	—	86.9	167.3
Murray Lands	112.3	1 037.9	11.3	15.8	343.2	460.3
South East	1 774.6	951.0	425.9	293.6	111.5	256.3
Eyre	7.0	694.9	12.3	8.4	121.3	298.0
Northern	22.0	147.1	2.9	2.6	46.2	304.3
South Australia	2 695.8	4 062.9	819.9	900.4	795.3	1 767.3

Statistical division	SEED SOWN		TIMBER HARVESTED.....	
	kg	ha	Hardwood	Softwood
			t	t
Adelaide and Outer Adelaide	606.1	213.5	159.0	2 100.8
Yorke and Lower North	19.9	35.3	—	—
Murray Lands	212.0	463.7	50.0	—
South East	219.0	188.6	10.0	11 332.3
Eyre	63.0	44.9	7.0	—
Northern	5.0	1.0	—	—
South Australia	1 125.0	947.0	226.0	13 433.1

(a) Data in this table are an aggregation of responding establishments. No imputation has been made for non-responding establishments.

(b) Area of cleared agricultural land planted with trees at 31 March 1996. Includes trees planted during reference and earlier years.

KILOMETRES ERECTED TO ISOLATE.....

<i>Statistical division</i>	<i>Saline areas</i> km	<i>Other degraded areas</i> km	<i>Creeks and rivers</i> km	<i>Remnant native vegetation</i> km	<i>Planted trees and shrubs</i> km
Adelaide and Outer Adelaide	90.9	47.5	213.7	190.7	432.8
Yorke and Lower North	146.5	75.0	17.0	75.1	162.5
Murray Lands	90.3	154.0	22.4	116.4	971.7
South East	13.0	17.3	12.0	143.6	348.2
Eyre	211.3	69.2	23.1	263.6	362.6
Northern	25.0	13.0	78.3	38.8	132.2
South Australia	577.0	376.0	366.5	829.2	2 410.0

AREA ISOLATED.....

<i>Statistical division</i>	<i>Saline areas</i> ha	<i>Other degraded areas</i> ha	<i>Remnant native vegetation</i> ha	<i>Planted trees and shrubs</i> ha	<i>Other</i> ha
Adelaide and Outer Adelaide	775.4	814.2	5 582.0	1 064.4	544.1
Yorke and Lower North	859.1	217.0	1 597.2	836.9	2 156.6
Murray Lands	2 956.3	1 368.3	14 765.0	3 012.6	889.5
South East	397.2	544.1	6 685.8	1 699.6	1 296.2
Eyre	3 191.7	1 984.0	21 763.9	1 550.7	794.9
Northern	320.5	169.0	42 040.5	13 321.6	14 201.5
South Australia	8 500.2	5 096.6	92 434.4	21 485.8	19 882.8

(a) Data in this table are an aggregation of responding establishments. No imputation has been made for non-responding establishments.

12

FERTILISER USAGE, Year ended 31 March 1996(a)

Statistical division	NITROGENOUS.....		PHOSPHATIC		POTASSIUM.....		COMPOUND.....	
	Area '000 ha	Weight '000 t	Area '000 ha	Weight '000 t	Area '000 ha	Weight '000 t	Area '000 ha	Weight '000 t
Adelaide and Outer Adelaide	58.9	9.0	222.2	24.3	9.6	1.8	96.5	11.7
Yorke and Lower North	235.0	19.6	197.6	18.8	6.2	0.5	499.6	46.5
Murray Lands	78.8	13.0	247.5	28.1	15.2	2.3	407.1	35.6
South East	61.0	7.8	737.5	81.7	32.1	4.0	92.1	10.4
Eyre	155.2	10.7	301.3	22.1	3.6	0.3	626.0	41.5
Northern	97.9	7.7	89.1	8.4	3.1	0.4	232.5	21.9
South Australia	686.8	67.9	1 795.1	183.4	69.8	9.3	1 954.0	167.8

(a) Data in this table are an aggregation of responding establishments. No imputation has been made for non-responding establishments.

13

SOIL CONDITIONERS, Year ended 31 March 1996(a)

Statistical division	LIME.....		DOLOMITE-ACIDITY(b)		DOLOMITE-PHYSICAL(c)		GYPSUM	
	Area '000 ha	Weight '000 t	Area '000 ha	Weight '000 t	Area '000 ha	Weight '000 t	Area '000 ha	Weight '000 t
Adelaide and Outer Adelaide	7.8	12.2	1.6	2.4	0.1	0.3	5.0	18.8
Yorke and Lower North	1.0	2.0	—	0.2	—	—	5.0	14.5
Murray Lands	0.7	1.0	0.2	0.1	—	—	5.3	10.8
South East	8.7	8.9	2.6	1.6	1.0	1.1	15.2	20.1
Eyre	2.2	0.9	—	—	—	—	1.6	4.3
Northern	0.1	0.3	0.2	0.3	—	—	3.1	7.6
South Australia	20.4	25.3	4.6	4.7	1.2	1.5	35.2	76.3

(a) Data in this table are an aggregation of responding establishments. No imputation has been made for non-responding establishments.

(b) Dolomite used to correct soil acidity problems.

(c) Dolomite used to correct physical soil problems.

14

MAINTENANCE AND MANAGEMENT OF PASTURES, Year ended 31 March 1996(a)

<i>Statistical division</i>	<i>Top dressing</i> '000 ha	<i>Weed control</i> '000 ha	<i>Pest & disease control</i> '000 ha	<i>Slashing & burning</i> '000 ha	<i>Total area</i> '000 ha
Adelaide and Outer Adelaide	171.7	40.4	37.4	5.2	254.7
Yorke and Lower North	75.5	84.2	48.0	16.0	223.7
Murray Lands	135.8	69.1	53.7	8.8	267.4
South East	650.3	148.2	123.6	9.9	932.1
Eyre	36.2	109.6	21.9	11.7	179.4
Northern	30.4	28.8	13.0	4.4	76.7
South Australia	1 100.0	480.2	297.6	56.0	1 933.9

(a) Data in this table are an aggregation of responding establishments. No imputation has been made for non-responding establishments.

15

IRRIGATION AREA AND SCHEDULING METHOD, Year ended 31 March 1996(a)

METHOD USED TO DECIDE WHEN TO IRRIGATE.....

<i>Statistical division</i>	<i>Total area irrigated</i> '000 ha	<i>Evaporation figures</i> no.	<i>Tensiometers</i> no.	<i>Soil probes</i> no.	<i>Government or commercial</i> no.	<i>Calendar/rotational</i> no.	<i>Local knowledge</i> no.	<i>Other</i> no.
Adelaide and Outer Adelaide	19.4	58	62	44	8	208	1 035	67
Yorke and Lower North	1.3	3	6	1	2	16	70	5
Murray Lands	30.7	92	194	159	123	411	1 106	98
South East	40.5	27	13	86	31	79	590	47
Eyre	—	—	—	—	—	—	4	—
Northern	0.2	—	1	—	—	4	16	1
South Australia	92.1	180	276	290	164	718	2 821	218

(a) Data in this table are an aggregation of responding establishments. No imputation has been made for non-responding establishments.

BARLEY

OATS

Statistical division	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Adelaide and Outer Adelaide	44.9	99.0	2.2	10.6	20.6	2.0
Yorke and Lower North	301.4	748.0	2.5	15.0	30.9	2.1
Murray Lands	241.3	314.3	1.3	19.6	18.5	0.9
South East	37.5	70.8	1.9	8.0	15.3	1.9
Eyre	238.7	390.3	1.6	54.8	57.8	1.1
Northern	99.7	228.7	2.3	11.6	18.7	1.6
South Australia						
1996	963.5	1 851.1	1.9	119.6	161.9	1.4
1995	881.9	1 158.7	1.3	94.9	87.0	0.9
1994	1 115.3	2 242.4	2.0	101.5	135.1	1.3

TRITICALE.....

WHEAT

Statistical division	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Adelaide and Outer Adelaide	3.8	9.8	2.6	44.2	111.6	2.5
Yorke and Lower North	12.0	32.7	2.7	296.4	771.9	2.6
Murray Lands	35.1	40.0	1.1	247.1	359.9	1.5
South East	2.2	4.0	1.8	31.9	78.4	2.5
Eyre	11.8	13.9	1.2	706.6	961.9	1.4
Northern	1.6	3.4	2.1	193.0	440.4	2.3
South Australia						
1996	66.4	103.8	1.6	1 519.1	2 724.0	1.8
1995	41.4	43.9	1.1	1 394.7	1 487.4	1.1
1994	29.6	49.0	1.7	1 216.0	2 121.1	1.7

Statistical division	CHICK PEAS			FABA BEANS		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Adelaide and Outer Adelaide	1.0	1.5	1.5	3.3	6.7	2.0
Yorke and Lower North	6.8	9.8	1.4	5.5	11.3	2.1
Murray Lands	0.1	—	0.6	1.7	2.8	1.6
South East	0.3	0.3	0.9	8.3	18.2	2.2
Eyre	0.5	0.5	1.0	0.9	1.8	2.0
Northern	3.7	5.2	1.4	6.2	10.1	1.6
South Australia						
1996	12.3	17.3	1.4	26.0	51.0	2.0
1995	12.9	7.9	0.6	31.9	30.5	1.0
1994	9.3	10.6	1.1	34.6	55.2	1.6

Statistical division	FIELD PEAS			LUPINS		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Adelaide and Outer Adelaide	15.9	24.6	1.6	4.9	6.3	1.3
Yorke and Lower North	78.4	117.2	1.5	8.2	12.8	1.6
Murray Lands	12.2	13.3	1.1	19.5	18.2	0.9
South East	6.2	10.2	1.7	18.7	16.9	0.9
Eyre	18.7	19.6	1.0	21.9	27.7	1.3
Northern	20.3	28.7	1.4	6.3	7.9	1.2
South Australia						
1996	151.6	213.5	1.4	79.6	89.9	1.1
1995	167.0	141.4	0.8	82.7	56.3	0.7
1994	138.5	197.2	1.4	69.6	82.0	1.2

Statistical division	OATS			CEREALS (EXCLUDING OATS).....		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Adelaide and Outer Adelaide	15.2	65.6	4.3	5.7	23.1	4.1
Yorke and Lower North	33.5	160.5	4.8	5.6	18.7	3.4
Murray Lands	14.7	41.1	2.8	8.8	18.4	2.1
South East	5.3	18.9	3.5	2.2	5.3	2.4
Eyre	17.9	40.8	2.3	3.1	6.2	2.0
Northern	10.9	39.1	3.6	1.8	6.0	3.3
South Australia						
1996	97.5	366.0	3.8	27.3	77.8	2.9
1995	67.5	167.7	2.5	20.0	43.4	2.2
1994	47.3	169.0	3.6	18.0	57.0	3.2

Statistical division	OTHER CROPS.....			LUCERNE.....		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Adelaide and Outer Adelaide	9.7	23.1	n.p.	2.3	14.2	6.3
Yorke and Lower North	5.1	18.7	n.p.	2.6	8.4	3.2
Murray Lands	2.0	18.4	n.p.	3.7	19.5	5.2
South East	4.0	5.3	n.p.	11.1	35.2	3.2
Eyre	1.1	6.2	n.p.	0.2	0.3	1.7
Northern	4.0	6.0	n.p.	1.4	3.4	2.3
South Australia						
1996	25.8	77.8	n.p.	21.3	80.9	3.8
1995	2.2	4.3	n.p.	22.5	77.9	3.5
1994	4.1	13.5	n.p.	19.4	72.4	3.7

Statistical division	OTHER PASTURES.....			TOTAL PASTURES.....		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Adelaide and Outer Adelaide	25.3	75.9	3.0	27.6	90.1	3.3
Yorke and Lower North	11.1	28.5	2.6	13.7	36.8	2.7
Murray Lands	5.8	13.5	2.3	9.5	33.0	3.5
South East	33.6	114.6	3.4	44.6	149.8	3.4
Eyre	4.0	7.7	1.9	4.2	8.0	1.9
Northern	2.9	8.6	2.9	4.4	12.0	2.7
South Australia						
1996	82.7	248.8	3.0	104.0	329.7	3.2
1995	98.3	284.8	2.9	120.7	362.7	3.0
1994	80.5	284.1	3.5	99.9	356.5	3.6

Statistical division	CANOLA			SAFFLOWER		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Adelaide and Outer Adelaide	3.4	5.3	1.6	0.2	0.2	1.3
Yorke and Lower North	8.6	16.2	1.9	0.7	0.4	0.6
Murray Lands	1.7	2.1	1.2	0.1	—	0.4
South East	10.2	14.9	1.5	2.8	2.0	0.7
Eyre	3.8	5.3	1.4	0.7	0.1	0.2
Northern	2.6	4.2	1.6	0.2	0.1	0.7
South Australia						
1996	30.4	48.1	1.6	4.7	3.0	0.6
1995	24.5	25.9	1.1	7.9	3.8	0.5
1994	10.8	18.1	1.7	10.0	9.6	1.0

Statistical division	SUNFLOWER.....		
	Area '000 ha	Production '000 t	Yield t/ha
Adelaide and Outer Adelaide	—	—	—
Yorke and Lower North	—	—	0.6
Murray Lands	0.1	—	0.5
South East	0.1	0.1	0.7
Eyre	—	—	—
Northern	—	—	—
South Australia			
1996	0.2	0.1	0.6
1995	0.3	0.4	1.3
1994	1.3	1.3	1.0

Statistical division	CORIANDER			VETCHES FOR SEED.....		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Adelaide and Outer Adelaide	—	—	—	0.2	0.2	1.0
Yorke and Lower North	0.3	0.5	1.6	6.2	6.0	1.0
Murray Lands	—	—	—	3.7	1.4	0.4
South East	0.6	0.6	1.0	—	—	—
Eyre	—	—	—	0.4	0.2	0.6
Northern	—	—	—	4.2	2.6	0.6
South Australia						
1996	1.0	1.2	1.2	14.7	10.4	0.7
1995	2.6	1.7	0.7	8.6	5.1	0.6
1994	4.8	2.0	0.4	9.2	2.5	0.3

	1993-94	1994-95r	1995-96p
	\$m	\$m	\$m
Cereals for grain			
Barley	271.3	250.6	393.3
Oats	11.5	15.8	25.0
Triticale	5.6	7.5	19.8
Wheat	365.2	351.5	737.3
Other	2.9	2.6	3.9
Total	656.6	628.0	1 179.3
Crops for hay			
Oats	21.1	19.5	38.6
Other	7.0	4.0	8.5
Total	28.1	23.5	47.1
Pastures and grasses for hay			
Lucerne	10.9	13.7	12.3
Other	36.9	37.3	30.8
Total	47.8	51.0	43.0

	AREA SOWN (HECTARES).....					
	0 to 49	50 to 99	100 to 149	150 to 199	200 to 299	300 to 399
Barley for grain						
establishments	1 515	1 308	1 033	854	885	390
percentage of total establishments	24.3	21.0	16.6	10.5	14.2	6.3
area (hectares)	41 963	93 733	122 964	110 667	209 300	131 006
percentage of total area of barley planted	4.4	9.7	12.8	11.5	21.7	13.6
production (tonnes)	86 888	197 847	239 943	222 041	387 433	256 275
percentage of total barley production	4.7	10.7	13.0	12.0	20.9	13.8
Oats for grain						
establishments	2 110	385	143	48	56	15
percentage of total establishments	75.9	13.9	5.1	1.7	2.0	0.5
area (hectares)	41 000	25 518	16 590	7 824	12 709	4 885
percentage of total area of oats planted	34.3	21.3	13.9	6.5	10.6	4.1
production (tonnes)	68 562	37 302	17 633	8 995	14 344	4 515
percentage of total oats production	42.4	23.0	10.9	5.6	8.9	2.8
Triticale for grain						
establishments	533	224	99	37	38	10
percentage of total establishments	55.7	23.4	10.3	3.9	4.0	1.0
area (hectares)	12 824	15 319	11 454	6 124	8 706	3 325
percentage of total area of triticale planted	19.3	23.1	17.2	9.2	13.1	5.0
production (tonnes)	24 837	27 766	16 741	9 016	10 784	3 385
percentage of total triticale production	23.9	26.8	16.1	8.7	10.4	3.3
Wheat for grain						
establishments	1 076	1 056	907	536	912	451
percentage of total establishments	17.6	17.3	14.8	8.8	14.9	7.4
area (hectares)	29 917	76 052	108 098	90 673	217 099	151 479
percentage of total area of wheat planted	2.0	5.0	7.1	6.0	14.3	10.0
production (tonnes)	66 382	171 459	243 083	197 513	469 748	314 206
percentage of total wheat production	2.4	6.3	8.9	7.3	17.2	11.5

(a) Year ended 31 March 1996

	AREA SOWN (HECTARES).....					Total
	400 to 499	500 to 999	1,000 to 1,499	1,500 to 1,999	2,000 or over	
Barley for grain						
establishments	217	211	18	3	—	6 234
percentage of total establishments	3.5	3.4	0.3	—	—	100.0
area (hectares)	93 094	135 905	19 791	5 080	—	963 504
percentage of total area of barley planted	9.7	14.1	2.1	0.5	—	100.0
production (tonnes)	174 085	243 853	34 961	7 750	—	1 851 076
percentage of total barley production	9.4	13.2	1.9	0.4	—	100.0
Oats for grain						
establishments	12	10	—	—	—	2 779
percentage of total establishments	0.4	0.4	—	—	—	100.0
area (hectares)	4 927	6 165	—	—	—	119 618
percentage of total area of oats planted	4.1	5.2	—	—	—	100.0
production (tonnes)	6 210	4 331	—	—	—	161 891
percentage of total oats production	3.8	2.7	—	—	—	100.0
Triticale for grain						
establishments	11	4	1	—	—	957
percentage of total establishments	1.1	0.4	0.1	—	—	100.0
area (hectares)	4 658	2 782	1 214	—	—	66 406
percentage of total area of triticale planted	7.0	4.2	1.8	—	—	100.0
production (tonnes)	7 079	2 758	1 384	—	—	103 751
percentage of total triticale production	6.8	2.7	1.3	—	—	100.0
Wheat for grain						
establishments	363	606	148	41	19	6 115
percentage of total establishments	5.9	9.9	2.4	0.7	0.3	100.0
area (hectares)	157 151	401 850	171 740	68 561	46 522	1 519 142
percentage of total area of wheat planted	10.3	26.5	11.3	4.5	3.1	100.0
production (tonnes)	281 174	622 072	219 472	79 645	59 279	2 724 033
percentage of total wheat production	10.3	22.8	8.1	2.9	2.2	100.0

(a) Year ended 31 March 1996.

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ESTABLISHMENTS GROWING CEREALS FOR GRAIN, Year ended 31 March 1996

Statistical division	Barley	Oats	Triticale	Wheat
	no.	no.	no.	no.
Adelaide and Outer Adelaide	609	411	127	527
Yorke and Lower North	1 758	572	219	1 729
Murray Lands	1 310	448	362	1 144
South East	572	261	50	381
Eyre	1 201	737	170	1 427
Northern	784	350	29	907
South Australia				
1996	6 234	2 779	957	6 115
1995	5 962	2 484	654	6 013
1994	6 480	2 395	525	5 757

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CEREAL CROP FORECAST FOR ALL PURPOSES, Year ended 31 March 1997

AREA SOWN OR INTENDED TO BE SOWN IN 1996-97

Statistical division	Barley	Field peas	Lupins	Oats	Wheat
	'000 ha	'000 ha	'000 ha	'000 ha	'000 ha
Adelaide and Outer Adelaide	48.3	15.7	5.5	23.0	46.8
Yorke and Lower North	319.5	71.9	8.8	37.5	301.4
Murray Lands	250.7	11.3	21.5	29.6	257.3
South East	40.9	6.1	18.3	11.2	39.0
Eyre	254.1	21.7	27.9	78.5	702.7
Northern	106.5	19.8	6.5	16.7	192.4
South Australia	1 020.1	146.5	88.5	196.6	1 539.5

APPLES

LEMONS AND LIMES.....

Statistical division	Trees under 6 years	Trees 6 years and over	Production	Yield	Trees under 6 years	Trees 6 years and over	Production	Yield
	'000	'000	t	kg/tree	'000	'000	t	kg/tree
Adelaide and Outer Adelaide	188.1	446.4	17 479.9	39.1	4.1	3.9	221.2	57.3
Yorke and Lower North	—	—	—	—	—	—	—	—
Murray Lands	33.9	20.3	1 097.6	54.0	20.4	87.9	13 269.2	150.9
South East	83.1	60.7	1 736.7	28.6	2.3	—	—	—
Eyre	—	—	—	—	—	—	—	—
Northern	—	—	—	—	—	—	—	—
South Australia								
1996	305.1	527.5	20 314.2	38.5	26.8	91.8	13 490.5	147.0
1995	276.5	531.8	23 596.1	44.4	21.5	96.9	13 978.2	144.2
1994	250.5	506.5	23 088.9	45.6	17.7	90.3	15 013.4	166.3

MANDARINS

NASHI.....

Statistical division	Trees under 6 years	Trees 6 years and over	Production	Yield	Trees under 6 years	Trees 6 years and over	Production	Yield
	'000	'000	t	kg/tree	'000	'000	t	kg/tree
Adelaide and Outer Adelaide	—	—	0.2	—	5.5	19.0	403.5	21.3
Yorke and Lower North	—	—	—	—	—	—	—	—
Murray Lands	86.6	140.5	10 864.8	77.3	4.1	1.5	48.8	32.2
South East	—	—	—	—	—	—	—	—
Eyre	—	—	—	—	—	—	—	—
Northern	—	—	—	—	—	—	—	—
South Australia								
1996	86.7	140.5	10 865.0	77.3	9.5	20.5	452.3	22.1
1995	85.1	135.9	11 135.9	82.0	8.7	20.2	399.8	19.8
1994	85.4	119.5	10 889.8	91.1	21.4	14.7	474.0	32.3

ORANGES

PEARS (EXCLUDING NASHI).....

Statistical division	Trees under 6 years	Trees 6 years and over	Production	Yield	Trees under 6 years	Trees 6 years and over	Production	Yield
	'000	'000	t	kg/tree	'000	'000	t	kg/tree
Adelaide and Outer Adelaide	0.1	0.2	1.0	6.7	14.8	64.3	4 515.9	70.2
Yorke and Lower North	—	—	—	—	—	—	—	—
Murray Lands	315.9	1 828.3	170 453.7	93.2	3.9	19.3	1 639.0	85.1
South East	—	—	—	—	4.0	—	1.2	—
Eyre	—	—	—	—	—	—	—	—
Northern	—	—	—	—	—	—	—	—
South Australia								
1996	316.1	1 828.5	170 454.7	93.2	22.7	83.6	6 156.1	73.6
1995	339.1	1 831.9	199 181.2	108.7	22.3	79.3	5 412.3	68.3
1994	373.7	1 868.9	220 193.6	117.8	25.3	85.9	6 686.1	77.8

(a) Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees under 6 years. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

Statistical division	APRICOTS				CHERRIES			
	Trees under 6 years	Trees 6 years and over	Production	Yield	Trees under 6 years	Trees 6 years and over	Production	Yield
	'000	'000	t	kg/tree	'000	'000	t	kg/tree
Adelaide and Outer Adelaide	7.0	22.2	572.4	25.8	86.1	49.3	535.3	10.9
Yorke and Lower North	—	0.1	0.2	2.5	0.1	—	—	—
Murray Lands	121.1	323.0	12 784.8	39.6	3.0	1.0	11.0	10.9
South East	0.4	0.2	6.4	32.0	7.5	3.1	14.2	4.6
Eyre	0.2	—	0.1	—	—	—	—	—
Northern	0.1	1.0	7.3	7.1	0.1	0.1	—	0.3
South Australia								
1996	128.7	346.5	13 371.1	38.6	96.7	53.5	560.5	10.5
1995	143.3	348.9	17 349.1	49.7	70.1	41.6	476.6	11.4
1994	164.2	355.8	13 524.0	38.0	83.0	46.0	421.9	9.2

Statistical division	NECTARINES				PEACHES			
	Trees under 6 years	Trees 6 years and over	Production	Yield	Trees under 6 years	Trees 6 years and over	Production	Yield
	'000	'000	t	kg/tree	'000	'000	t	kg/tree
Adelaide and Outer Adelaide	2.2	3.8	58.0	15.3	4.7	12.3	403.6	32.9
Yorke and Lower North	—	—	—	—	0.1	—	—	—
Murray Lands	41.4	26.0	980.1	37.7	68.9	102.5	6 842.2	66.7
South East	—	—	—	—	—	—	—	—
Eyre	—	—	—	—	—	—	—	—
Northern	—	0.8	4.1	4.8	1.5	5.5	59.8	11.0
South Australia								
1996	43.6	30.6	1 042.1	34.1	75.2	120.2	7 305.5	60.8
1995	42.1	19.1	1 256.9	68.0	93.2	122.1	8 443.3	69.2
1994	34.8	21.3	961.9	45.3	89.9	133.0	8 075.3	60.7

Statistical division	PLUMS AND PRUNES.....			
	Trees under 6 years	Trees 6 years and over	Production	Yield
	'000	'000	t	kg/tree
Adelaide and Outer Adelaide	5.2	11.4	228.4	20.0
Yorke and Lower North	—	—	—	—
Murray Lands	47.4	85.3	3 800.4	44.5
South East	—	—	—	—
Eyre	—	—	—	—
Northern	0.2	1.0	1.4	1.4
South Australia				
1996	52.8	97.8	4 030.2	41.2
1995	49.8	88.8	4 166.2	46.4
1994	49.3	85.0	3 288.4	38.7

(a) Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees under 6 years. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

Statistical division	ALMONDS				AVOCADOS			
	Trees under 6 years	Trees 6 years and over	Production	Yield	Trees under 6 years	Trees 6 years and over	Production	Yield
	'000	'000	t	kg/tree	'000	'000	t	kg/tree
Adelaide and Outer Adelaide	57.2	252.0	783.3	3.1	0.3	1.8	16.2	9.2
Yorke and Lower North	0.1	2.1	13.1	6.2	—	—	—	—
Murray Lands	111.9	224.5	1 219.3	5.4	17.2	16.4	483.2	29.5
South East	—	2.3	2.0	0.9	—	—	—	—
Eyre	2.0	17.3	7.7	0.4	—	—	—	—
Northern	—	0.1	—	—	—	—	0.8	—
South Australia								
1996	171.2	498.3	2 025.3	4.1	17.5	18.1	500.1	27.6
1995	200.7	480.0	2 132.0	4.4	12.3	16.7	503.6	30.1
1994	187.0	485.9	2 098.0	4.3	9.3	16.1	573.6	35.7

(a) Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees under 6 years. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

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GROSS VALUE OF CITRUS, POME AND OTHER FRUIT

	1993-94	1994-95r	1995-96p
	\$m	\$m	\$m
Apples	25.8	29.5	24.5
Apricots	18.4	18.9	15.9
Avocados	2.0	2.0	1.7
Cherries	2.5	3.3	4.7
Grapes	153.6	241.9	329.3
Lemons and limes	3.7	4.3	5.0
Mandarins	9.5	6.1	10.9
Nectarines	1.6	2.7	2.1
Oranges	83.6	79.9	100.2
Peaches	4.9	4.8	4.6
Pears (excluding nashi)	5.5	5.2	6.7
Plums and prunes	4.0	5.7	6.7
Strawberries	7.7	8.0	10.8
Other, including nuts	21.4	18.5	21.1
Total	344.2	430.8	544.2

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GRAPES, Year ended 31 March 1996

AREA OF VINES AT HARVEST

Not yet bearing (planted or grafted)

GRAPE PRODUCTION

Statistical division	Planted or grafted prior to collection year	During collection year	Bearing	Winemaking	Drying	Table and other	Total
	ha	ha	ha	t	t	t	t
Adelaide and Outer Adelaide	1 340.2	1 025.7	10 344.1	116 811.5	74.8	30.2	116 916.5
Yorke and Lower North	193.6	345.2	2 108.1	18 318.0	17.1	0.0	18 335.1
Murray Lands	1 396.4	1 033.6	10 095.5	203 251.9	7 136.7	3 658.5	214 047.1
South East	1 861.8	951.3	4 743.2	57 327.8	—	—	57 327.8
Eyre	0.6	2.8	9.5	52.3	—	—	52.3
Northern	4.5	0.5	14.0	73.0	—	80.0	153.0
South Australia							
1996	4 797.1	3 359.1	27 314.4	395 834.5	7 228.6	3 768.7	406 831.8
1995	2 274.2	3 092.1	27 236.8	320 189.5	6 714.5	2 913.4	329 797.4
1994	1 252.8	1 382.0	24 842.3	338 558.0	9 879.6	2 498.5	350 936.1

	Units	1994	1995	1996
Beans — French and runner				
area	ha	90.4	59.7	37.6
production	t	322.8	194.4	108.4
yield	t/ha	3.6	3.3	2.9
Beetroot				
area	ha	12.9	13.7	12.9
production	t	206.7	128.1	109.3
yield	t/ha	16.0	9.4	8.5
Broccoli				
area	ha	395.1	442.2	346.7
production	t	2 408.8	2 398.1	1 802.0
yield	t/ha	6.1	5.4	5.2
Brussels sprouts				
area	ha	107.6	93.2	108.2
production	t	2 537.9	2 143.0	2 568.9
yield	t/ha	23.6	23.0	23.7
Cabbages				
area	ha	188.1	175.8	178.3
production	t	3 395.9	5 070.9	4 958.0
yield	t/ha	18.1	28.8	27.8
Capsicum, chillies and peppers				
area	ha	79.0	103.5	101.7
production	t	1 097.9	1 643.5	1 213.4
yield	t/ha	13.9	15.9	11.9
Carrots				
area	ha	621.3	844.4	985.3
production	t	22 884.5	36 611.7	39 995.8
yield	t/ha	36.8	43.4	40.6
Cauliflowers				
area	ha	235.6	278.1	258.0
production	t	5 440.9	7 088.1	6 624.1
yield	t/ha	23.1	25.5	25.7
Celery				
area	ha	42.6	45.5	55.9
production	t	4 166.6	4 036.3	5 787.9
yield	t/ha	97.8	88.7	103.5
Chinese cabbages				
area	ha	11.7	24.4	76.9
production	t	126.0	52.5	124.0
yield	t/ha	10.8	2.2	1.6
Cucumber				
area	ha	48.6	54.0	52.0
production	t	1 693.3	1 778.6	1 414.7
yield	t/ha	34.8	32.9	27.2
Green peas (pod weight)				
area	ha	73.1	34.5	23.3
production	t	330.1	79.8	98.3
yield	t/ha	4.5	2.3	4.2
Leeks				
area	ha	30.8	29.1	31.3
production	t	1 111.5	700.5	1 190.1
yield	t/ha	36.1	24.1	38.0
Lettuces				
area	ha	288.8	282.0	280.3
production	t	7 143.3	6 184.8	5 744.3
yield	t/ha	24.7	21.9	20.5
Marrows and squashes				
area	ha	19.5	6.7	3.9
production	t	128.4	38.6	27.8
yield	t/ha	6.6	5.8	7.1

	Units	1994	1995	1996
Melons — rock and cantaloupe				
area	ha	182.1	190.4	176.1
production	t	4 517.2	5 772.0	5 696.4
yield	t/ha	24.8	30.3	32.3
Melons — water				
area	ha	32.3	17.7	12.4
production	t	698.0	557.7	302.1
yield	t/ha	21.6	31.5	24.4
Mushrooms				
area	ha	9.6	11.2	10.6
production	t	1 938.3	1 675.6	2 444.7
yield	t/ha	201.9	149.6	230.6
Onions — white and brown				
area	ha	1 170.3	1 194.7	1 376.8
production	t	53 300.6	51 394.4	69 576.3
yield	t/ha	45.5	43.0	50.5
Parsley				
area	ha	11.2	11.8	10.4
production	t	159.4	168.7	149.9
yield	t/ha	14.2	14.3	14.4
Parsnips				
area	ha	19.3	12.5	19.0
production	t	223.7	196.9	345.2
yield	t/ha	11.6	15.8	18.2
Potatoes				
area	ha	7 085.2	7 830.9	8 114.9
production	t	202 645.0	247 414.1	286 268.4
yield	t/ha	28.6	31.6	35.3
Pumpkins				
area	ha	410.2	378.9	443.9
production	t	8 945.4	7 673.4	10 009.7
yield	t/ha	21.8	20.3	22.5
Snow peas				
area	ha	n.c.	n.c.	57.5
production	t	n.c.	n.c.	153.1
yield	t/ha	n.c.	n.c.	2.7
Spring onions				
area	ha	18.3	17.8	16.5
production	t	111.4	150.2	141.0
yield	t/ha	6.1	8.4	8.5
Swedes				
area	ha	19.9	23.0	24.5
production	t	499.8	553.0	578.2
yield	t/ha	25.1	24.0	23.6
Sweet corn				
area	ha	68.1	58.0	71.3
production	t	726.9	652.3	906.0
yield	t/ha	10.7	11.2	12.7
Tomatoes				
area	ha	179.8	165.3	164.0
production	t	6 038.0	5 442.3	4 199.1
yield	t/ha	33.6	32.9	25.6
Zucchini				
area	ha	25.7	23.1	21.0
production	t	152.1	165.0	184.4
yield	t/ha	5.9	7.1	8.8

	Units	Adelaide & Outer Adelaide	Yorke & Lower North	Murray Lands	South East	Eyre	Northern
Beans — French and runner							
area	ha	29.6	—	7.0	—	—	1.0
production	t	85.9	—	18.6	—	—	4.0
yield	t/ha	2.9	—	2.7	—	—	4.0
Beetroot							
area	ha	11.9	—	1.0	—	—	—
production	t	105.3	—	4.0	—	—	—
yield	t/ha	8.8	—	4.0	—	—	—
Broccoli							
area	ha	182.4	—	138.3	26.0	—	—
production	t	991.7	—	667.3	143.0	—	—
yield	t/ha	5.4	—	4.8	5.5	—	—
Brussels sprouts							
area	ha	108.1	—	0.1	—	—	—
production	t	2 568.6	—	0.3	—	—	—
yield	t/ha	23.8	—	3.0	—	—	—
Cabbages							
area	ha	135.1	—	12.2	30.0	1.0	—
production	t	4 621.9	—	202.1	113.5	20.5	—
yield	t/ha	34.2	—	16.6	3.8	20.5	—
Capsicum, chillies and peppers							
area	ha	61.5	—	39.2	—	—	1.0
production	t	700.2	—	509.2	—	—	4.0
yield	t/ha	11.4	—	13.0	—	—	4.0
Carrots							
area	ha	275.0	—	673.3	36.0	1.0	—
production	t	11 013.8	—	26 866.1	2 080.0	35.9	—
yield	t/ha	40.1	—	39.9	57.8	35.9	—
Cauliflower							
area	ha	234.1	—	19.9	4.0	—	—
production	t	6 216.9	—	327.2	80.0	—	—
yield	t/ha	26.6	—	16.4	20.0	—	—
Celery							
area	ha	55.9	—	—	—	—	—
production	t	5 787.9	—	—	—	—	—
yield	t/ha	103.5	—	—	—	—	—
Chinese cabbages							
area	ha	4.9	—	—	72.0	—	—
production	t	86.0	—	—	38.0	—	—
yield	t/ha	17.6	—	—	0.5	—	—
Cucumber							
area	ha	48.2	—	2.9	0.5	—	0.4
production	t	1 304.3	—	87.5	3.9	—	19.0
yield	t/ha	27.1	—	30.2	7.8	—	47.5
Green peas (pod weight)							
area	ha	20.3	—	—	—	—	3.0
production	t	88.8	—	—	—	—	9.5
yield	t/ha	4.4	—	—	—	—	3.2
Leeks							
area	ha	31.2	—	0.1	—	—	—
production	t	1 187.1	—	3.0	—	—	—
yield	t/ha	38.0	—	30.0	—	—	—
Lettuces							
area	ha	264.4	—	11.9	3.0	1.0	—
production	t	5 339.3	—	325.0	60.0	20.0	—
yield	t/ha	20.2	—	27.3	20.0	20.0	—
Marrows and squashes							
area	ha	—	—	2.9	1.0	—	—
production	t	—	—	20.7	7.1	—	—
yield	t/ha	—	—	7.1	7.1	—	—

	Units	Adelaide & Outer Adelaide	Yorke & Lower North	Murray Lands	South East	Eyre	Northern
Melons — rock and cantaloupe							
area	ha	0.5	—	175.6	—	—	—
production	t	0.4	—	5 696.0	—	—	—
yield	t/ha	0.8	—	32.4	—	—	—
Melons — water							
area	ha	—	—	12.4	—	—	—
production	t	—	—	302.1	—	—	—
yield	t/ha	—	—	24.4	—	—	—
Mushrooms							
area	ha	10.6	—	—	—	—	—
production	t	2 444.7	—	—	—	—	—
yield	t/ha	230.6	—	—	—	—	—
Onions — white and brown							
area	ha	198.0	—	864.9	313.9	—	—
production	t	9 237.1	—	46 845.9	13 493.3	—	—
yield	t/ha	46.7	—	54.2	43.0	—	—
Parsley							
area	ha	9.4	—	—	1.0	—	—
production	t	136.9	—	—	13.0	—	—
yield	t/ha	14.6	—	—	13.0	—	—
Parsnips							
area	ha	19.0	—	—	—	—	—
production	t	345.2	—	—	—	—	—
yield	t/ha	18.2	—	—	—	—	—
Potatoes							
area	ha	3 695.1	—	2 832.7	2 576.1	4.0	7.0
production	t	88 896.4	—	96 922.1	100 379.9	70.0	—
yield	t/ha	33.0	—	34.2	39.0	17.5	—
Pumpkins							
area	ha	16.2	—	415.7	11.5	—	0.5
production	t	196.1	—	9 624.9	181.7	—	7.0
yield	t/ha	12.1	—	23.2	15.8	—	14.0
Snow peas							
area	ha	1.8	—	55.7	—	—	—
production	t	4.8	—	148.4	—	—	—
yield	t/ha	2.7	—	2.7	—	—	—
Spring onions							
area	ha	16.0	—	—	0.5	—	—
production	t	137.2	—	—	3.8	—	—
yield	t/ha	8.6	—	—	7.6	—	—
Swedes							
area	ha	24.5	—	—	—	—	—
production	t	578.2	—	—	—	—	—
yield	t/ha	23.6	—	—	—	—	—
Sweet corn							
area	ha	13.6	—	48.5	9.2	—	—
production	t	140.4	—	693.4	72.2	—	—
yield	t/ha	10.3	—	14.3	7.8	—	—
Tomatoes							
area	ha	97.1	—	63.9	1.0	0.3	1.7
production	t	1 908.9	—	2 216.6	28.0	9.6	36.0
yield	t/ha	19.7	—	34.7	28.0	32.0	21.2
Zucchini							
area	ha	7.6	—	7.7	1.0	—	4.7
production	t	83.6	—	51.0	6.9	—	43.0
yield	t/ha	11.0	—	6.6	6.9	—	9.1

	1993-94	1994-95r	1995-96p
	\$m	\$m	\$m
Beans — French and runner	0.8	0.6	0.4
Beetroot	0.2	0.2	0.2
Broccoli	2.3	3.6	2.6
Cabbages and brussels sprouts	4.5	4.6	7.0
Capsicum, chillies and peppers	2.6	4.1	2.4
Carrots	16.5	34.2	33.6
Cauliflowers	2.3	3.4	3.6
Celery	2.4	2.9	4.0
Cucumbers	2.9	2.9	2.1
Green peas (pod weight)	0.3	0.6	0.3
Leeks	1.8	1.2	2.7
Lettuces	5.1	6.5	6.4
Marrows and squashes	0.3	0.1	0.1
Melons — rock and cantaloupe	5.4	4.6	6.0
Melons — water	0.3	0.6	0.1
Mushrooms	8.8	7.3	10.2
Onions — white and brown	38.6	28.1	43.8
Parsley	0.4	0.4	0.6
Parsnips	0.5	1.5	0.7
Potatoes	65.2	94.1	83.0
Pumpkins	4.5	4.1	4.3
Sweet corn	0.6	1.3	0.7
Tomatoes	7.1	7.7	6.7
Zucchini	0.2	0.9	0.4
Other vegetables	1.9	3.7	6.6
Total	175.5	219.2	228.2

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AREA OF NURSERIES, CUT FLOWERS AND CULTIVATED TURF, Year ended 31 March 1996

Statistical division	Nurseries	Cut flowers	Cultivated turf	Total
	ha	ha	ha	ha
Adelaide and Outer Adelaide	323.8	222.3	n.p.	n.p.
Yorke and Lower North	11.7	10.8	n.p.	n.p.
Murray Lands	164.0	88.2	n.p.	n.p.
South East	19.1	158.6	n.p.	n.p.
Eyre	1.1	5.9	n.p.	n.p.
Northern	—	—	n.p.	n.p.
South Australia				
1996	519.7	485.8	152.0	1 157.5
1995	282.4	492.0	91.5	865.9

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AREA OF SHADE AND GLASSHOUSES, Year ended 31 March 1996

Statistical division	NURSERY.....		FLOWERS.....		TOTAL.....	
	Shadehouse	Glasshouse	Shadehouse	Glasshouse	Shadehouse	Glasshouse
	square metres	square metres	square metres	square metres	square metres	square metres
Adelaide and Outer Adelaide	168 702	218 850	70 161	238 378	238 863	457 228
Yorke and Lower North	100	100	—	—	100	100
Murray Lands	3 680	4 446	1 000	10	4 680	4 456
South East	450	483	270 180	13 000	270 630	13 483
Eyre	1 660	463	—	900	1 660	1 363
Northern	—	—	—	—	—	—
South Australia	174 592	224 342	341 341	252 288	515 933	476 630

Statistical division	Value of plant materials purchased	Sales of greenstock(a)	Gross receipts from sales(b)
	\$'000	\$'000	\$'000
Adelaide and Outer Adelaide	7 100.3	26 476.0	5 764.8
Yorke and Lower North	57.7	594.2	3.8
Murray Lands	1 046.9	4 366.2	704.2
South East	112.3	498.5	901.9
Eyre	138.9	216.1	52.5
Northern	—	—	—
South Australia	8 456.2	32 151.0	7 427.2

(a) Sales of greenstock from nursery activity (excludes sales of cut flowers and cultivated turf).

(b) Gross receipts from sales of cut flowers only.

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MEAT CATTLE NUMBERS, At 31 March 1996

<i>Statistical division</i>	<i>Bulls and bull calves intended for service</i>	<i>Cows and heifers one year and over</i>	<i>Heifers and other calves under one year</i>	<i>Other cattle one year and over</i>	<i>Total meat cattle</i>	<i>Percentage of total meat cattle herd</i>
	'000	'000	'000	'000	'000	%
Adelaide and Outer Adelaide	4.2	64.6	35.5	27.9	132.3	12.4
Yorke and Lower North	1.4	21.4	14.1	16.4	53.3	5.0
Murray Lands	2.4	57.4	35.4	16.6	111.8	10.5
South East	15.5	269.3	137.2	109.1	531.0	49.7
Eyre	1.0	17.4	11.0	4.1	33.5	3.1
Northern	4.7	104.2	50.3	47.9	207.1	19.4
South Australia						
1996	29.1	534.3	283.5	222.0	1 069.0	100.0
1995	28.7	529.5	290.7	214.8	1 063.7	100.0
1994	27.9	578.2	276.2	175.3	1 055.8	100.0

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ESTABLISHMENTS WITH MEAT CATTLE, At 31 March 1996

<i>Statistical division</i>	<i>Bulls and bull calves intended for service</i>	<i>Cows and heifers one year and over</i>	<i>Heifers and other calves under one year</i>	<i>Other cattle one year and over</i>	<i>Total establishments with meat cattle</i>	<i>Percentage of establishments with meat cattle</i>
	no.	no.	no.	no.	no.	%
Adelaide and Outer Adelaide	1 103	1 358	1 310	915	1 682	28.6
Yorke and Lower North	384	488	487	335	607	10.3
Murray Lands	522	599	587	353	721	12.3
South East	1 509	1 670	1 486	1 410	1 963	33.4
Eyre	330	385	357	203	406	6.9
Northern	394	458	428	304	500	8.5
South Australia						
1996	4 242	4 958	4 655	3 520	5 879	100.0
1995	4 207	4 882	4 711	3 443	5 775	100.0
1994	4 267	4 910	4 521	2 818	5 734	100.0

NUMBER OF ESTABLISHMENTS AND MEAT CATTLE, By herd size, At 31 March

Herd size	1995		1996	
	Establishments	Percentage of establishments with meat cattle	Establishments	Percentage of establishments with meat cattle
	no.	%	no.	%
1-29	1 503	26.0	1 501	25.5
30-49	855	14.8	855	14.7
50-69	618	10.7	678	11.5
70-99	612	10.6	639	10.9
100-149	642	11.1	628	10.7
150-199	361	6.3	366	6.2
200-299	402	7.0	424	7.2
300-399	227	3.9	211	3.6
400-499	128	2.2	145	2.5
500-699	169	2.9	166	2.8
700-999	105	1.8	98	1.7
1,000-1,499	62	1.1	66	1.1
1,500-1,999	38	0.7	37	0.6
2,000-4,999	42	0.7	42	0.7
5,000-9,999	10	0.2	12	0.2
10,000 and over	1	—	1	—
Total	5 775	100.0	5 879	100.0

Herd size	1995		1996	
	Number of meat cattle	Percentage of total meat cattle	Number of meat cattle	Percentage of total meat cattle
	'000	%	'000	%
1-29	21.5	2.0	21.5	2.0
30-49	33.2	3.1	33.4	3.1
50-69	36.3	3.4	39.7	3.7
70-99	50.4	4.7	53.1	5.0
100-149	77.4	7.3	75.8	7.1
150-199	62.5	5.9	63.3	5.9
200-299	97.4	9.2	102.8	9.6
300-399	78.3	7.4	72.3	6.8
400-499	56.7	5.3	64.2	6.0
500-699	99.8	9.4	96.7	9.0
700-999	87.9	8.3	80.3	7.5
1,000-1,499	74.8	7.0	80.7	7.5
1,500-1,999	64.7	6.1	63.5	5.9
2,000-4,999	127.7	12.0	122.9	11.5
5,000-9,999	74.8	7.0	83.6	7.8
10,000 and over	20.1	1.9	15.2	1.4
Total	1 063.7	100.0	1 069.0	100.0

Statistical division	Cows in	Other milk cattle	Total milk cattle(a)	Percentage of total
	milk and dry			milk cattle herd
	'000	'000	'000	%
Adelaide and Outer Adelaide	42.7	22.5	65.2	43.6
Yorke and Lower North	3.2	1.8	5.0	3.3
Murray Lands	28.5	16.5	45.0	30.1
South East	21.7	11.8	33.5	22.4
Eyre	—	—	—	—
Northern	0.6	0.3	0.9	0.6
South Australia				
1996	96.8	53.0	149.7	100.0
1995	96.6	55.7	152.4	100.0
1994	93.8	52.2	146.6	100.0

(a) Excludes house cows.

Statistical division	Cows in	Other milk cattle	Total establishments with	Percentage of establishments
	milk and dry		milk cattle	with milk cattle
	no.	no.	no.	%
Adelaide and Outer Adelaide	434	422	474	49.4
Yorke and Lower North	42	38	45	4.7
Murray Lands	189	189	215	22.4
South East	192	184	206	21.5
Eyre	1	2	2	0.2
Northern	17	15	17	1.8
South Australia				
1996	875	850	959	100.0
1995	914	904	989	100.0
1994	968	978	1 104	100.0

(a) Excludes establishments with house cows.

Herd size	1995		1996	
	Establishments	Percentage of establishments with milk cattle	Establishments	Percentage of establishments with milk cattle
	no.	%	no.	%
1-49	187	18.9	178	18.6
50-99	183	18.5	174	18.1
100-149	193	19.5	186	19.4
150-199	169	17.1	149	15.5
200-249	102	10.3	104	10.8
250-299	54	5.5	66	6.9
300-349	35	3.5	33	3.4
350-399	21	2.1	27	2.8
400-499	22	2.2	24	2.5
500 and over	23	2.3	18	1.9
Total	989	100.0	959	100.0

Herd size	1995		1996	
	Number of milk cattle	Percentage of total milk cattle	Number of milk cattle	Percentage of total milk cattle
	'000	%	'000	%
1-49	4.3	2.8	3.8	2.5
50-99	13.6	8.9	12.8	8.6
100-149	23.6	15.5	22.7	15.2
150-199	29.0	19.0	25.5	17.0
200-249	22.3	14.6	22.6	15.1
250-299	14.6	9.6	17.9	12.0
300-349	11.1	7.3	10.5	7.0
350-399	7.8	5.1	10.0	6.7
400-499	9.6	6.3	10.3	6.9
500 and over	18.4	10.8	13.6	9.1
Total	152.4	100.0	149.7	100.0

(a) Excludes establishments with house cows.

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NUMBER OF SHEEP AND LAMBS, At 31 March 1996

<i>Statistical division</i>	<i>Breeding ewes (1 year and over)</i>	<i>Lambs and hoggets (under 1 year)</i>	<i>All other sheep</i>	<i>Total sheep and lambs</i>	<i>Percentage of total sheep flock</i>
	'000	'000	'000	'000	%
Adelaide and Outer Adelaide	783.3	359.6	563.3	1 706.2	12.6
Yorke and Lower North	827.6	489.1	389.9	1 706.6	12.6
Murray Lands	1 008.4	509.1	281.1	1 798.6	13.2
South East	1 746.8	776.7	866.7	3 390.2	25.0
Eyre	974.3	593.3	555.5	2 123.2	15.6
Northern	1 476.8	813.4	560.6	2 850.9	21.0
South Australia					
1996	6 817.2	3 541.3	3 217.2	13 575.7	100.0
1995	n.c.	3 109.6	n.c.	13 249.1	100.0
1994	n.c.	3 506.9	n.c.	14 679.1	100.0

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ESTABLISHMENTS WITH SHEEP AND LAMBS, At 31 March 1996

<i>Statistical division</i>	<i>Breeding ewes (1 year and over)</i>	<i>Lambs and hoggets (under 1 year)</i>	<i>All other sheep</i>	<i>Total establishments with sheep and lambs</i>	<i>Percentage of establishments with sheep and lambs</i>
	no.	no.	no.	no.	%
Adelaide and Outer Adelaide	1 197	1 035	1 324	1 456	16.0
Yorke and Lower North	1 476	1 385	1 558	1 715	18.9
Murray Lands	1 318	1 213	1 303	1 422	15.6
South East	1 638	1 433	1 745	1 873	20.6
Eyre	1 381	1 313	1 399	1 470	16.2
Northern	1 081	1 012	1 038	1 157	12.7
South Australia					
1996	8 091	7 391	8 367	9 093	100.0
1995	n.c.	7 059	n.c.	8 980	100.0
1994	n.c.	7 605	n.c.	9 649	100.0

Flock size	1995		1996	
	Establishments no.	Percentage of establishments with sheep and lambs %	Establishments no.	Percentage of establishments with sheep and lambs %
1-499	2 593	28.9	2 546	28.0
500-999	2 225	24.8	2 184	24.0
1 000-1 499	1 442	16.1	1 577	17.3
1 500-1 999	860	9.6	890	9.8
2 000-2 499	516	5.7	577	6.3
2 500-2 999	343	3.8	322	3.5
3 000-3 999	427	4.8	403	4.4
4 000-4 999	193	2.1	217	2.4
5 000-5 999	113	1.3	121	1.3
6 000-6 999	71	0.8	75	0.8
7 000-7 999	45	0.5	32	0.4
8 000-8 999	34	0.4	42	0.5
9 000-9 999	18	0.2	21	0.2
10 000 and over	100	1.1	86	0.9
Total	8 980	100.0	9 093	100.0

Flock size	1995		1996	
	Number of sheep and lambs '000	Percentage of total sheep and lambs %	Number of sheep and lambs '000	Percentage of total sheep and lambs %
1-499	610.5	4.6	619.9	4.6
500-999	1 630.9	12.3	1 597.3	11.8
1 000-1 499	1 738.4	13.1	1 925.5	14.2
1 500-1 999	1 470.8	11.1	1 523.7	11.2
2 000-2 499	1 140.3	8.6	1 280.6	9.4
2 500-2 999	932.7	7.0	876.4	6.5
3 000-3 999	1 457.0	11.0	1 366.1	10.1
4 000-4 999	854.7	6.5	963.9	7.1
5 000-5 999	611.3	4.6	656.2	4.8
6 000-6 999	451.5	3.4	481.0	3.5
7 000-7 999	329.4	2.5	236.7	1.7
8 000-8 999	284.2	2.1	354.7	2.6
9 000-9 999	168.9	1.3	198.5	1.5
10 000 and over	1 568.5	11.8	1 495.2	11.0
Total	13 249.1	100.0	13 575.7	100.0

EWES EXPECTED TO BE MATED YEAR ENDED 31 MARCH 1997(c)

Statistical division	Ewes mated(a)	Lambs marked	Lamb marking ratio(b)	Joined to merino rams	Joined to other rams	Total
	'000	'000	%	'000	'000	'000
Adelaide and Outer Adelaide	707.3	565.7	80.0	401.2	341.1	742.2
Yorke and Lower North	770.8	648.8	84.2	510.6	257.5	768.1
Murray Lands	931.7	788.6	84.6	734.5	224.1	958.6
South East	1 653.9	1 494.5	90.4	737.6	974.4	1 712.0
Eyre	890.1	707.4	79.5	774.3	142.5	916.9
Northern	1 260.8	994.5	78.9	1 189.8	120.1	1 309.8
South Australia						
1996	6 214.6	5 199.6	83.7	4 347.9	2 059.7	6 407.6
1995	6 251.6	4 816.2	77.0	4 317.0	1 908.1	6 225.1
1994	6 751.9	5 549.8	82.2	4 599.3	2 306.3	6 905.5

(a) Ewes mated to produce lambs marked in the season shown.

(b) Lambs marked as a proportion of ewes mated to produce lambs.

(c) Forecast made at the end of the 1995-96 season.

PIG NUMBERS(a) AND NUMBER OF ESTABLISHMENTS, At 31 March 1996

Statistical division	Total pigs	Percentage of total pigs	Total establishments	Percentage of establishments with pigs
	'000	%	no.	%
Adelaide and Outer Adelaide	128.5	31.2	137	31.2
Yorke and Lower North	69.5	16.9	325	16.9
Murray Lands	143.1	34.7	208	34.7
South East	32.3	7.8	50	7.8
Eyre	21.6	5.2	88	5.2
Northern	17.0	4.1	114	4.1
South Australia				
1996	412.1	100.0	922	100.0
1995	422.9	100.0	1 032	100.0
1994	439.8	100.0	1 129	100.0

(a) Includes suckers, weaners, growers etc.

NUMBER OF ESTABLISHMENTS AND PIGS, By herd size(a), At 31 March

Herd size	1995.....		1996	
	Establishments no.	Percentage of establishments with pigs %	Establishments no.	Percentage of establishments with pigs %
1-9	104	10.1	101	11.0
10-19	70	6.8	73	7.9
20-29	65	6.3	65	7.0
30-39	53	5.1	31	3.4
40-49	37	3.6	26	2.8
50-69	75	7.3	72	7.8
70-99	78	7.6	65	7.0
100-149	90	8.7	83	9.0
150-199	66	6.4	56	6.1
200-299	113	10.9	98	10.6
300-499	102	9.9	91	9.9
500-699	53	5.1	46	5.0
700-999	49	4.7	41	4.4
1 000 and over	77	7.5	74	8.0
Total	1 032	100.0	922	100.0

Herd size	1995		1996	
	Number of pigs '000	Percentage of total pigs %	Number of pigs '000	Percentage of total pigs %
1-9	0.5	0.1	0.5	0.1
10-19	0.9	0.2	1.0	0.2
20-29	1.5	0.4	1.5	0.4
30-39	1.7	0.4	1.0	0.3
40-49	1.6	0.4	1.1	0.3
50-69	4.3	1.0	4.2	1.0
70-99	6.5	1.5	5.5	1.3
100-149	10.7	2.5	9.9	2.4
150-199	11.2	2.7	9.4	2.3
200-299	27.1	6.4	23.2	5.6
300-499	38.4	9.1	34.0	8.2
500-699	31.5	7.5	26.4	6.4
700-999	39.9	9.4	33.2	8.1
1 000 and over	247.1	58.4	261.0	63.3
Total	422.9	100.0	412.1	100.0

(a) Includes suckers, weaners, growers etc.

LAYERS

MEAT CHICKENS.....

Statistical division	Hens for eggs production for human consumption	Replacement stock	Breeding stock	Grown on contract	Grown on own account	Breeding stock
	'000	'000	'000	'000	'000	'000
Adelaide and Outer Adelaide	293.3	46.8	—	2 065.0	289.2	17 494.1
Yorke and Lower North	28.1	5.9	—	0.2	561.1	—
Murray Lands	217.4	102.9	—	843.6	—	—
South East	0.5	0.2	—	—	0.1	—
Eyre	16.0	8.1	0.1	0.2	1.9	—
Northern	51.7	0.2	—	0.5	0.3	—
South Australia	607.0	164.0	0.1	2 909.4	852.6	17 494.1

OTHER POULTRY.....

Statistical division	Ducks	Turkeys
	'000	'000
Adelaide and Outer Adelaide	0.5	35.0
Yorke and Lower North	0.1	—
Murray Lands	0.3	0.1
South East	—	1.2
Eyre	0.2	0.2
Northern	—	0.1
South Australia	1.1	36.5

Statistical division	LAYERS.....				EGGS.....
	<i>Hens for egg production for human consumption</i>	<i>Replacement stock</i>	<i>Day old chicks sold</i>	<i>Breeding stock</i>	<i>Production of eggs for human consumption</i>
	'000	'000	'000	'000	'000 dozen
Adelaide and Outer Adelaide	124.1	—	—	23.5	5 500.3
Yorke and Lower North	16.8	—	0.2	—	437.5
Murray Lands	109.5	107.9	—	—	4 408.8
South East	27.0	—	—	—	417.1
Eyre	9.7	—	—	0.2	252.4
Northern	42.6	—	—	—	1 201.1
South Australia	329.7	107.9	0.2	23.7	12 217.2

Statistical division	MEAT CHICKENS.....				OTHER POULTRY..		PROCESSED POULTRY SOLD	
	<i>Grown on contract</i>	<i>Grown on own account</i>	<i>Day old chickens sold</i>	<i>Breeding stock</i>	<i>Ducks</i>	<i>Turkeys</i>	<i>Reared on holding</i>	<i>Other processed poultry</i>
	'000	'000	'000	'000	'000	'000	'000	'000
Adelaide and Outer Adelaide	11 419.7	2 364.6	166.7	139.8	2.1	80.2	668.2	397.6
Yorke and Lower North	—	2 870.1	66.5	28.3	0.3	0.2	1.7	2.1
Murray Lands	5 243.0	—	—	—	0.1	—	289.7	—
South East	—	—	—	—	—	3.9	—	—
Eyre	—	9.9	—	—	0.2	0.1	7.7	—
Northern	0.2	—	—	—	—	—	0.1	—
South Australia	18 662.8	5 244.6	233.2	168.1	2.7	84.3	967.4	399.8

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ESTABLISHMENTS WITH AND NUMBER OF DEER AND HORSES, At 31 March 1996

Statistical division	ESTABLISHMENTS		LIVESTOCK	
	Deer no.	Horses for breeding(a) no.	Deer '000	Horses for breeding(a) '000
Adelaide and Outer Adelaide	48	177	4.6	2.2
Yorke and Lower North	25	62	1.8	0.6
Murray Lands	9	33	0.5	0.3
South East	56	69	8.0	0.5
Eyre	11	20	3.2	0.1
Northern	3	36	0.1	0.3
South Australia				
1996	152	397	18.2	4.1
1995	151	396	19.0	3.7
1994	153	408	17.4	5.7

(a) Comprises horses on establishments with agricultural activity.

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SALES OF LIVESTOCK, Year ended 31 March 1996

Statistical division	Dairy bulls	Beef bulls	Other cattle	Pigs
	'000	'000	'000	'000
Adelaide and Outer Adelaide	0.2	0.9	89.7	207.2
Yorke and Lower North	—	0.5	26.1	120.5
Murray Lands	—	0.4	70.6	239.5
South East	0.1	2.6	249.4	57.3
Eyre	—	0.2	10.8	42.4
Northern	—	0.2	84.4	32.4
South Australia	0.3	4.8	531.0	699.3

Statistical division	Lambs and hoggets	All other sheep	Horses	Deer
	'000	'000	'000	'000
Adelaide and Outer Adelaide	289.7	362.4	0.4	2.8
Yorke and Lower North	342.8	401.5	0.1	0.4
Murray Lands	375.4	359.0	0.1	0.1
South East	958.6	777.5	0.1	1.7
Eyre	197.5	395.9	0.1	0.5
Northern	321.9	643.9	—	—
South Australia	2 485.9	2 940.2	0.8	5.5

	Units	1994	1995	1996
Number of livestock slaughtered(a)(b)				
Cattle	'000	404.6	408.2	406.6
Calves	'000	9.1	11.0	12.0
Chickens	'000	27 749.2	28 967.4	27 632.7
Lambs	'000	2 218.4	2 205.8	1 898.0
Pigs	'000	571.0	500.0	401.1
Sheep	'000	3 071.6	3 182.9	2 400.9
Meat produced(a)(c)				
Beef	tonnes	94 734	95 560	96 559
Chicken	tonnes	39 968	39 862	38 418
Lamb	tonnes	42 004	42 444	37 116
Mutton	tonnes	71 508	69 535	55 113
Pig	tonnes	38 477	34 564	27 407
Veal	tonnes	310	415	361
Whole milk intake by factories(d)	million litres	447.0	480.0	508.0
Wool(e)				
Brokers and dealer receivals of taxable wool	tonnes	101 173	88 559	84 941
Eggs produced	'000 dozen	12 705.3	13 136.6	12 217.2
Honey produced	'000 kg	4 095.8	2 266.8	3 319.1

(a) Source: ABS "Monthly Livestock Products" publication, Catalogue No. 7215.0.

(b) Includes estimates of animals slaughtered on farms and country butchers.

(c) Dressed carcass weight, excluding offal.

(d) Source: Australian Dairy Corporation.

(e) Sources: National Council of Wool Selling Brokers of Australia and ABS Wool Brokers and Dealers Collection.

	1993-94	1994-95r	1995-96p
	\$m	\$m	\$m
Livestock slaughterings(a)			
Cattle and calves	174.9	201.1	159.4
Pigs	69.6	52.8	42.6
Poultry	67.2	72.5	75.3
Sheep and lambs(b)	120.1	136.4	146.0
Other	2.6	3.3	2.3
Total	434.4	466.2	425.6
Wool			
Shorn and crutched	258.1	324.4	313.0
Other(c)	13.6	15.2	11.9
Total	271.8	339.5	324.9
Production of milk			
Human consumption	68.9	65.6	80.9
Manufacturing	63.5	80.2	90.3
Total	132.5	145.8	171.2
Eggs	14.9	16.6	20.1
Honey and beeswax	5.8	3.3	4.1

(a) Includes net exports of livestock.

(b) Excludes value of wool on skins.

(c) Includes dead and fellmongered wool and wool on skins.

	Units	1994	1995	1996p
Apianists	no.	147	120	130
Beehives				
Productive(a)	no.	54 121	42 892	65 140
Unproductive	no.	8 556	8 284	5 420
Total	no.	62 677	51 176	70 560
Honey produced				
Quantity	kg	4 095 755	2 266 779	3 319 101
Average production(b)	kg/hive	76	53	51
Beeswax produced	kg	82 326	45 879	89 974

(a) Beehives from which honey was taken.

(b) Average production per productive beehive.

Items	POULTRY 0141-0142				FRUIT 0114-0119			
	1993-94		1994-95		1993-94		1994-95	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	0.5	98	n.p.	n.p.	204.8	21	252.3	17
Sales from livestock	0.4	44	n.p.	n.p.	1.0	78	4.5	65
Sales from livestock products	17.8	37	n.p.	n.p.	1.3	*	7.6	87
Turnover	28.5	42	n.p.	n.p.	222.9	20	334.2	18
Purchases and selected expenses	20.9	40	n.p.	n.p.	93.0	20	131.9	21
Value added(a)	7.8	83	n.p.	n.p.	129.5	24	200.9	20
Adjusted value added(a)	6.4	94	n.p.	n.p.	117.1	27	176.9	19
Gross operating surplus(a)	4.0	*	n.p.	n.p.	84.5	37	117.2	15
Interest paid	1.0	65	n.p.	n.p.	11.7	34	15.0	21
Cash operating surplus(b)	2.8	*	n.p.	n.p.	84.3	35	107.3	16
Gross indebtedness	13.6	53	n.p.	n.p.	189.5	52	188.3	33
Total net capital expenditure	0.8	33	n.p.	n.p.	25.7	35	14.3	29

Items	VEGETABLES 0113				GRAIN 0121			
	1993-94		1994-95		1993-94		1994-95	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	115.2	30	187.0	24	503.5	10	406.3	14
Sales from livestock	3.3	79	4.4	59	70.0	22	81.9	22
Sales from livestock products	1.8	71	1.3	84	49.4	15	40.8	19
Turnover	129.5	30	213.1	23	662.0	9	554.6	11
Purchases and selected expenses	70.0	27	113.5	25	393.9	10	320.1	11
Value added(a)	58.2	36	101.9	24	243.9	14	206.5	17
Adjusted value added(a)	51.2	37	91.6	24	201.3	15	171.1	20
Gross operating surplus(a)	35.4	41	64.3	24	183.2	17	157.9	21
Interest paid	6.2	57	13.2	42	32.3	17	35.3	24
Cash operating surplus(b)	30.2	38	47.6	25	180.6	19	150.6	22
Gross indebtedness	58.7	49	114.2	33	442.6	16	318.6	21
Total net capital expenditure	8.4	45	19.9	32	47.0	50	80.8	34

(a) Includes an estimate for the value of the increase in livestock.

(b) Excludes an estimate for the value of the increase in livestock.

NOTE: Standard error of change between two successive years is 1.3 times the standard error of the estimate (except for the all industries estimate where it is equal to the standard error of the estimate). Standard error of change between estimates two years apart could be as high as 1.8 times the standard error of the estimate (except for the all industries estimate where it could be 1.5 times the standard error of the estimate).

Items	GRAIN-SHEEP/BEEF CATTLE 0122				SHEEP-BEEF CATTLE 0123			
	1993-94		1994-95		1993-94		1994-95	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	142.0	24	284.0	14	1.7	53	6.0	61
Sales from livestock	44.9	30	82.6	18	142.9	16	115.3	16
Sales from livestock products	56.3	21	99.9	14	41.2	15	57.3	19
Turnover	253.6	22	490.9	13	186.0	13	183.2	14
Purchases and selected expenses	156.3	22	291.4	13	102.4	14	107.3	16
Value added(a)	75.4	33	194.5	14	85.6	13	87.6	42
Adjusted value added(a)	53.8	43	159.5	15	73.2	14	72.2	51
Gross operating surplus(a)	33.7	71	143.8	16	55.6	14	52.9	67
Interest paid	11.7	39	33.6	18	12.8	35	18.1	31
Cash operating surplus(b)	44.2	47	102.8	18	49.5	16	28.0	47
Gross indebtedness	139.7	31	322.5	18	192.2	47	168.3	29
Total net capital expenditure	22.0	32	44.7	22	7.9	38	7.9	32

Items	SHEEP 0124				BEEF CATTLE 0125			
	1993-94		1994-95		1993-94		1994-95	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	9.1	58	17.4	43	0.2	76	1.5	71
Sales from livestock	36.3	29	48.7	28	78.3	22	85.3	12
Sales from livestock products	89.5	18	95.1	21	0.6	59	1.9	33
Turnover	141.1	15	166.6	21	82.2	22	91.5	11
Purchases and selected expenses	81.6	19	78.5	20	46.9	23	52.4	12
Value added(a)	32.9	24	81.7	25	55.7	21	-3.1	*
Adjusted value added(a)	18.7	40	67.4	28	50.5	21	-9.1	**
Gross operating surplus(a)	1.6	**	59.7	30	43.7	23	-13.9	*
Interest paid	9.6	37	8.6	40	6.2	37	4.3	30
Cash operating surplus(b)	19.0	36	58.6	29	19.5	45	26.8	16
Gross indebtedness	135.9	43	102.8	39	108.5	54	112.3	36
Total net capital expenditure	7.4	61	17.7	41	4.5	41	11.3	42

(a) Includes an estimate for the value of the increase in livestock.

(b) Excludes an estimate for the value of the increase in livestock.

NOTE: Standard error of change between two successive years is 1.3 times the standard error of the estimate (except for the all industries estimate where it is equal to the standard error of the estimate). Standard error of change between estimates two years apart could be as high as 1.8 times the standard error of the estimate (except for the all industries estimate where it could be 1.5 times the standard error of the estimate).

Items	DAIRY CATTLE 0130				PIGS 0151			
	1993-94		1994-95		1993-94		1994-95	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	4.3	*	1.5	*	11.5	56	3.6	89
Sales from livestock	12.0	43	14.8	30	60.9	27	49.5	12
Sales from livestock products	144.7	14	127.7	11	2.1	64	1.3	74
Turnover	178.0	17	152.8	10	76.2	29	57.1	13
Purchases and selected expenses	93.3	18	80.2	12	53.3	30	49.5	8
Value added(a)	91.0	19	82.9	17	22.7	25	9.6	81
Adjusted value added(a)	82.0	19	74.6	18	18.8	25	7.0	*
Gross operating surplus(a)	68.9	18	63.2	24	12.9	28	2.4	*
Interest paid	16.2	16	14.1	15	2.9	39	2.0	21
Cash operating surplus(b)	46.3	28	38.4	22	10.6	43	-1.5	*
Gross indebtedness	180.9	14	153.3	116	51.3	33	25.5	16
Total net capital expenditure	23.6	32	17.4	60	7.6	35	6.0	47

Items	OTHER AGRICULTURE 0111-0112, 0152-0159, 0169.....				AGRICULTURE ALL INDUSTRIES.....			
	1993-94		1994-95(c)		1993-94		1994-95	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	64.0	52	46.5	34	1 056.8	7	1 206.0	6
Sales from livestock	7.7	52	14.8	49	457.7	8	501.9	6
Sales from livestock products	0.7	23	21.8	33	405.5	7	454.6	5
Turnover	85.2	38	109.7	17	2 047.2	4	2 353.8	4
Purchases and selected expenses	27.5	31	54.4	21	1 138.9	4	1 279.2	4
Value added(a)	59.0	42	71.6	18	861.6	7	1 034.0	7
Adjusted value added(a)	52.5	44	62.3	18	725.7	8	873.5	8
Gross operating surplus(a)	20.3	32	36.4	27	543.8	10	683.9	9
Interest paid	6.2	40	6.8	36	116.9	9	151.1	9
Cash operating surplus(b)	7.1	33	12.1	43	494.1	10	570.7	8
Gross indebtedness	78.8	38	98.8	42	1 591.8	11	1 604.7	8
Total net capital expenditure	1.7	54	2.5	35	156.6	17	222.6	15

(a) Includes an estimate for the value of the increase in livestock.

(b) Excludes an estimate for the value of the increase in livestock.

(c) Includes 0141-0142 poultry.

NOTE: Standard error of change between two successive years is 1.3 times the standard error of the estimate (except for the all industries estimate where it is equal to the standard error of the estimate). Standard error of change between estimates two years apart could be as high as 1.8 times the standard error of the estimate (except for the all industries estimate where it could be 1.5 times the standard error of the estimate).

AGGREGATES

Items	1990-91	SE	1991-92	SE	1992-93	SE
	\$m	%	\$m	%	\$m	%
Sales from crops	808.2	5	1 010.5	4	971.4	5
Sales from livestock	289.0	10	376.5	8	395.9	7
Sales from livestock products	480.1	5	410.3	4	403.6	4
Turnover	1 689.9	3	1 920.2	3	1 910.7	3
Purchases and selected expenses	972.0	3	1 082.6	3	1 054.5	4
Value added(a)	599.8	7	903.7	4	962.7	4
Adjusted value added(a)	474.8	8	770.1	5	822.6	4
Gross operating surplus(a)	316.9	13	641.2	6	643.8	5
Interest paid	200.3	12	156.1	7	147.3	8
Cash operating surplus(b)	289.6	18	460.0	7	425.8	7
Gross indebtedness	1 392.3	10	1 342.6	7	1 486.0	7
Total net capital expenditure	108.9	13	172.9	11	177.2	8

AGGREGATES

Items	1993-94	SE	1994-95	SE	1995-96p	SE
	\$m	%	\$m	%	\$m	%
Sales from crops	1 056.8	7	1 206.0	6	1 753.4	8
Sales from livestock	457.7	8	501.9	6	470.3	8
Sales from livestock products	405.5	7	454.6	5	309.2	11
Turnover	2 047.2	4	2 353.8	4	2 753.9	6
Purchases and selected expenses	1 138.9	4	1 279.2	4	1 272.6	6
Value added(a)	861.6	7	1 034.0	7	n.y.a.	n.y.a.
Adjusted value added(a)	725.7	8	873.5	8	n.y.a.	n.y.a.
Gross operating surplus(a)	543.8	10	683.9	9	n.y.a.	n.y.a.
Interest paid	116.9	9	151.1	9	n.y.a.	n.y.a.
Cash operating surplus(b)	494.1	10	570.7	8	1 005.4	9
Gross indebtedness	1 591.8	11	1 604.7	8	n.y.a.	n.y.a.
Total net capital expenditure	156.6	17	222.6	15	n.y.a.	n.y.a.

(a) Includes an estimate for the value of the increase in livestock.

(b) Excludes an estimate for the value of the increase in livestock.

NOTE: Standard error of change between two successive years is 1.3 times the standard error of the estimate (except for the all industries estimate where it is equal to the standard error of the estimate). Standard error of change between estimates two years apart could be as high as 1.8 times the standard error of the estimate (except for the all industries estimate where it could be 1.5 times the standard error of the estimate).

AVERAGES

	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96
Items	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Sales from crops	63.7	79.3	78.2	87.2	98.2	n.y.a.
Sales from livestock	22.9	29.5	31.9	37.8	40.9	n.y.a.
Sales from livestock products	37.9	32.2	32.5	33.5	37.0	n.y.a.
Turnover	133.2	150.6	153.9	168.2	191.6	n.y.a.
Purchases and selected expenses	76.6	84.9	84.9	94.0	104.1	n.y.a.
Value added(a)	47.3	70.9	77.5	71.1	84.2	n.y.a.
Adjusted value added(a)	37.4	60.4	66.2	59.9	71.1	n.y.a.
Gross operating surplus(a)	25.0	50.3	51.8	44.9	55.7	n.y.a.
Interest paid	15.8	12.2	11.7	9.7	12.3	n.y.a.
Cash operating surplus(b)	22.8	36.1	34.3	40.8	46.5	n.y.a.
Gross indebtedness	109.8	105.3	119.7	131.3	130.6	n.y.a.
Total net capital expenditure	8.6	13.6	14.3	12.9	18.1	n.y.a.

(a) Includes an estimate for the value of the increase in livestock.

(b) Excludes an estimate for the value of the increase in livestock.

NOTE: Standard error of change between two successive years is 1.3 times the standard error of the estimate (except for the all industries estimate where it is equal to the standard error of the estimate). Standard error of change between estimates two years apart could be as high as 1.8 times the standard error of the estimate (except for the all industries estimate where it could be 1.5 times the standard error of the estimate).

EXPLANATORY NOTES

INTRODUCTION

1 This publication contains statistics on crops, livestock and livestock products and characteristics of farms; it includes some summary information on the financial performance of agricultural industries and the value of agricultural commodities produced.

SCOPE AND COVERAGE

2 The statistics on crops (including horticulture), livestock numbers, structure of agricultural industries, land management and farm inputs are derived from the annual agricultural census conducted throughout Australia at 31 March, which collects data from establishments with agricultural activity.

3 Establishments which make only a small contribution to overall agricultural production are excluded from the scope of the census. Information is collected from establishments when their estimated value of agricultural operations (EVAO) is above a certain level. These levels have varied in past agricultural censuses, as follows:

- | | |
|----------------------|-----------------------------|
| ▪ 1993-94 to present | EVAO \$5,000 and over; |
| ▪ 1991-92 to 1992-93 | EVAO \$22,500 and over; |
| ▪ 1986-87 to 1990-91 | EVAO \$20,000 and over; and |
| ▪ before 1986-87 | EVAO \$2,500 and over. |

4 Table 1 shows the number of agricultural establishments having an EVAO of \$5,000 and over according to the population frame selected for the agricultural census. Once data on these units are collected and processed a small number of them are found to have an EVAO of less than \$5,000. These are shown in the first column in table 5. Some units are found to have an EVAO of zero; these are shown as 'unclassified' in tables 1, 2, 5 and 6.

5 The effect of the lower EVAO cut off of \$5,000 and over from 1993-94 onwards is to include smaller agricultural establishments that have been excluded in previous years. However, because of their small size they are not expected to change greatly the overall commodity totals. Nevertheless, the changes in scope between years mean that care must be taken in comparing census results over time.

6 Information covering commodities such as livestock slaughterings, dairy produce and beekeeping is obtained from separate ABS collections and from organisations such as the Australian Dairy Corporation.

REFERENCE PERIOD

7 Statistics about crops, pastures, vegetables and fruit relate, in general, to the season ended 31 March. Where harvesting was not completed by 31 March 1996 (for example, maize, rice, apples, grapes and late planted potatoes), the production statistics relate to the completed harvest.

EXPLANATORY NOTES *continued*

ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY

8 An establishment with agricultural activity is a single physical location which is used for the production of crops (including fruit and vegetables) and/or for the raising of livestock and the production of livestock products.

INDUSTRY AND SIZE CLASSIFICATION

9 Establishments in the agricultural sector were classified in accordance with the methodology described in the 1993 *Australian and New Zealand Standard Industrial Classification (ANZSIC)* (1292.0).

10 The process of determining the industry class for ANZSIC is the 'step by step' method of classification described in Chapter 4 of the *Australian Standard Industrial Classification* (1201.0). This method requires that the Division code of the unit be determined first. The Subdivision code within the major Division of the unit is then determined, followed by the Group code and finally the Class code of the unit.

11 The Group and Class codes of agricultural units are determined annually by valuing physical crop and livestock information collected in the agricultural census. The valuation procedure allows for the industry classification of individual units to be changed to reflect significant or long term changes in their activities.

12 However, the procedure provides for a dampening or resistance effect to offset instability in allocation to particular classes of the classification which would arise from short-term factors such as floods and drought. To obviate such effects, the valuation procedure takes into account (without double counting) the area of crops sown and numbers of livestock on holdings at a point in time as well as the crops produced and livestock turnoff during the year. The resultant aggregation of these commodity values is termed the estimated value of agricultural operations (EVAO). It should be noted that EVAO is applicable *only for industry coding and size valuation purposes*. It is not an indicator of receipts obtained by units or of the value of agricultural commodities produced by these units.

DEFINITIONS OF TERMS USED

13 The following are definitions of terms used in the tables of this publication:

- *agricultural establishment* is an establishment which is engaged *mainly* in agricultural activities; and
- *establishment with agricultural activity* is a land-based establishment which is engaged in agricultural activity, regardless of the unit's predominant activity.

CROPS, PASTURES AND HORTICULTURE

14 Statistics of areas and production of crops relate, in the main, to crops sown during the year ended 31 March. Statistics of perennial crops relate to the position as at 31 March and the production during the year ended on that date, or of fruit set by that date. For example, particulars of area, production and yield per hectare of wheat in Australia refer to wheat sown during the period from April to September and harvested between October and the following February, i.e. the 1995-96 season relates to the harvesting period October 1995 to February 1996.

EXPLANATORY NOTES *continued*

Statistics of other crops which in some States are harvested after 31 March 1996 (e.g. maize, potatoes, apples and pears) are collected by supplementary census returns and are included in this publication.

LIVESTOCK SLAUGHTERING AND LIVESTOCK PRODUCTS

15 The statistics on slaughtering and meat production are based on a monthly collection from abattoirs and other major slaughtering establishments and include estimates of animals slaughtered on farms and by country butchers and other small slaughtering establishments. Care should be taken when using this information as the figures only relate to slaughtering for human consumption and do not include animals condemned or those killed for boiling down. Also, definitions of livestock categories may differ between States and within States, particularly with regard to calves. More detailed information is published monthly in *Livestock Products, Australia* (7215.0).

WOOL

16 Wool receivals statistics show the amount of taxable wool received by brokers and dealers from wool producers. They exclude wool received by brokers on which wool tax has already been paid by other dealers (private buyers) or brokers. The information shown is on the basis of the State in which the wool has actually been received and does not necessarily reflect the production of wool in that State. These data are published monthly in *Livestock Products, Australia* (7215.0).

17 The wool estimates contained in table 53 are obtained from these major sources:

(i) A monthly collection of National Council of Wool Selling Brokers of Australia in each State and incorporated in this publication with reference to the twelve months to 30 June. The data are compiled in terms of bales received into stores and converted to wool receivals in tonnes.

(ii) A monthly ABS collection of other wool brokers and dealers in each State, also incorporated with reference to the twelve months to 30 June. Data are reported in tonnes, or converted to tonnes as required.

MILK

18 These statistics have been collected by the Australian Dairy Corporation (ADC). More detailed information is published monthly in *Livestock Products, Australia*, (7215.0).

POULTRY

19 Poultry slaughtering statistics have been compiled from returns supplied by commercial poultry slaughtering establishments.

BEEKEEPING

20 Beekeepers are included in this collection if they have a minimum EVAO of \$5,000, whether for beekeeping alone or in conjunction with other agricultural activities.

AGRICULTURAL FINANCE SURVEY

21 The financial estimates in this publication have been derived from estimates from the Agricultural Finance Survey (AFS). The survey aims to meet demands of users who require annual financial statistics on a consistent basis across all agricultural industries in each State and Australia.

EXPLANATORY NOTES *continued*

22 More detailed information including an outline of the reliability of the estimates and their standard errors is published in *Agricultural Industries Financial Statistics, Australia* (7507.0).

SCOPE AND COVERAGE OF THE AFS

23 The population of the AFS consisted of all economic units (management units) the principal activity of which resulted in them being classified within Subdivision 01 'Agriculture' of the ANZSIC and which had an EVAO of \$22,500 or more.

VALUE OF AGRICULTURAL COMMODITIES PRODUCED

24 This publication contains summary information on the value of agricultural commodities produced (VACP) compiled annually for all States and Australia. The summary information contains gross values of production for selected agricultural commodities. More detailed information is available in *Value of Agricultural Commodities Produced* (7503.0).

SCOPE AND COVERAGE OF VACP STATISTICS

25 The statistics are derived by multiplying quantity data by price (or unit value) data. The quantity data are collected in the agricultural censuses and other ABS collections with some information from external sources. All price information is obtained from non-ABS sources.

PRICE AND MARKETING COSTS DATA

26 The method of collection of relevant prices for, and the costs of marketing of agricultural commodities vary considerably between States and between commodities. Where a statutory authority handles marketing of the whole or portion of a product (e.g. Australian Wheat Board, Australian Barley Board) data are usually obtained from this source. Information is also obtained from marketing reports, wholesalers, brokers and auctioneers. For all commodities, values are in respect of production during the year (or season) irrespective of whether or when payments are made. For that portion of production not marketed (e.g. hay grown on farm for own use, milk used in farm household, etc.) estimates are made from the best available information and, in general, are valued on a local value basis.

DEFINITION OF GROSS VALUE

27 Gross value of commodities produced is the value placed on recorded production at the wholesale prices realised in the market place.

OTHER FORMS OF RELEASE

28 The ABS also has more detailed agricultural statistics on microfiche and floppy disk. AgStats on floppy disk offers a wider range of data aggregated at smaller geographic areas than those generally available in printed publications, together with an easy-to-use interrogation facility.

29 Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

EXPLANATORY NOTES *continued*

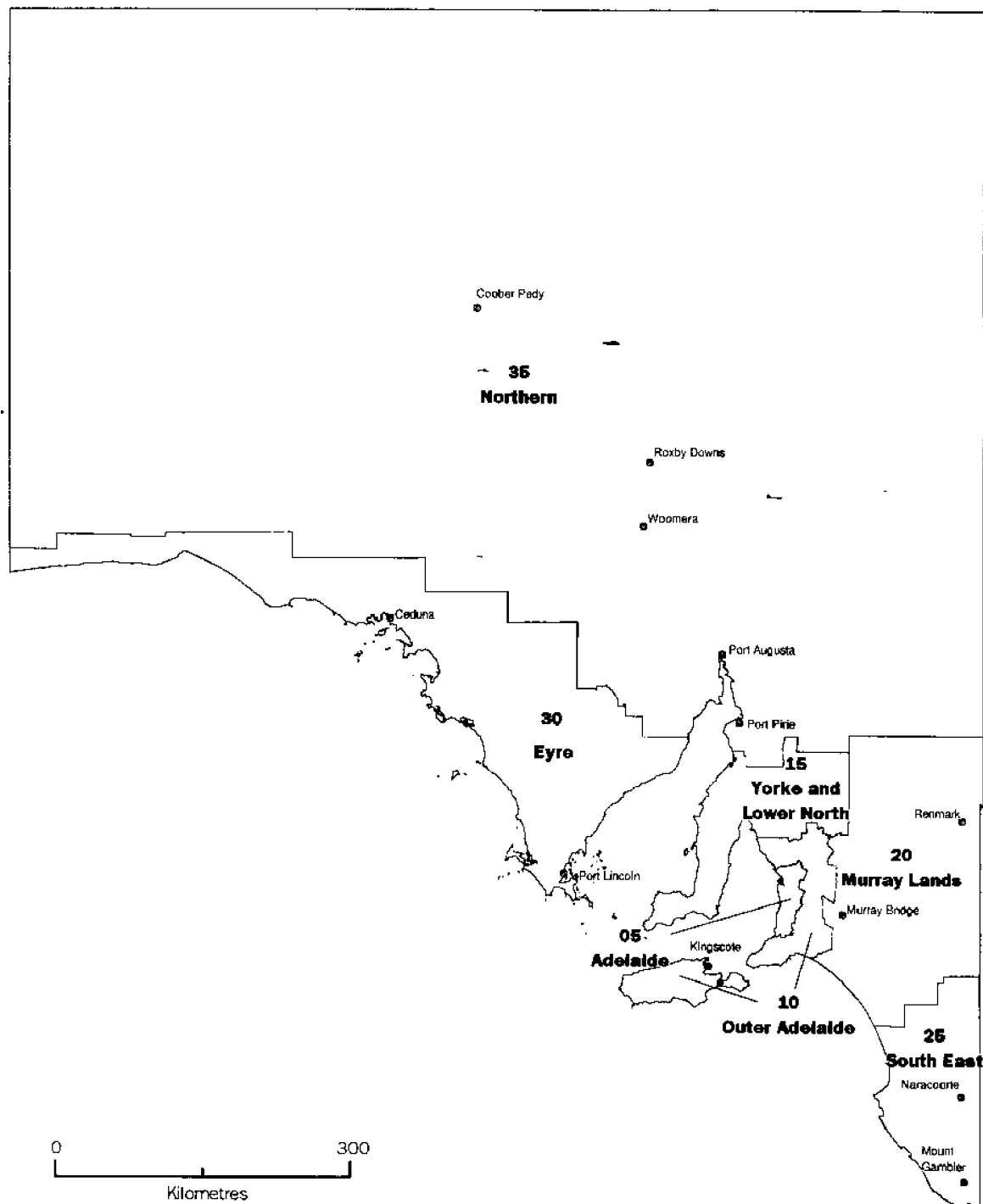
UNPUBLISHED STATISTICS

30 As well as the statistics in this and related publications, the ABS may have other unpublished data available. Inquiries should be directed to Peter Carmalt on Adelaide (08) 8237 7632.

31 The figures shown in this publication have been revised where necessary and as a consequence may not agree with similar data shown in previous publications.

32 Where the figures have been rounded, discrepancies may occur between sums of the component items and totals.

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