

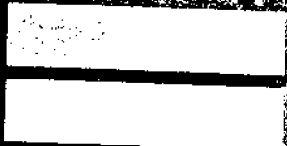


1994-95

Agriculture

Victoria

Statistics ■



EMBARGOED UNTIL 11.30 A.M. 2 JULY 1996

**AGRICULTURE
VICTORIA
1994-95**

STUART JACKSON
Deputy Commonwealth Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 7113.2

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INQUIRIES

- *for further information about statistics in this publication and the availability of related unpublished statistics*, contact Winton McColl on Melbourne (03) 9615 7470 or any ABS State office.
 - *for information about other ABS statistics and services*, please refer to the back of this publication.
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SUMMARY OF FINDINGS

STRUCTURE OF AGRICULTURAL INDUSTRY

The number of establishments with agricultural activity declined from 37,330 at 31 March 1994 to 37,070 at 31 March 1995. This was a decrease of 0.7%. The total at 31 March 1995 included 300 establishments with some agricultural activity, but whose main activity was in some other industry, and 568 establishments which were not classified to any industry.

Agricultural establishments are given an industry code according to their predominant activity. Therefore, figures on agricultural establishments by industry in Victoria need to be treated with caution because of the relatively high level of mixed farming. Taking this into account, the main industries of the agricultural establishments were:

	Number	% of establishments with agricultural activity
Beef cattle farming	8,367	22.6
Dairy cattle	7,946	21.4
Sheep farming	5,017	13.5

The effect of the drought can be gauged by the significant fall from 31 March 1994 to 31 March 1995 in the number of establishments classified to grain growing. The number fell from 3,019 to 2,452 (18.8%). However, establishments classified to grain-sheep/beef cattle farming increased from 2,689 to 2,939 (9.3%). Establishments in the sheep farming industry also increased, from 4,773 to 5,017 (5.1%).

At 31 March 1995 only 3.0% of establishments with agricultural activity had an estimated value of agricultural operations (EVAO) of \$500,000 or more. In contrast, some 35.4% of establishments had an EVAO between \$5,000 and \$49,999. The dairy cattle farming industry accounted for 23.3% of establishments with an EVAO of \$500,000 or more.

In terms of area, 95 establishments had an area of 5,000 hectares or more at 31 March 1995; most were in the grain growing and grain-sheep/beef cattle farming industries.

LAND MANAGEMENT

At 31 March 1995 establishments with agricultural activity occupied 12,719,400 hectares, or 55.8% of Victoria's total area. The area of cereal crops was 1,569,800 hectares (12.3% of the total area of holding of establishments with agricultural activity). This was a decrease of 7.6% on the previous year when 1,699,600 hectares were used for cereal crops (see table 7).

The main method of handling crop stubble in 1994-95, used on 447,700 hectares, was to plough it into the soil. The next most popular method was to leave it intact; that is, no cultivation, and to sow crops by direct drilling. This method was used on 367,800 hectares. Burning was used on 275,700 hectares and mulching on 142,600 hectares (see table 8).

A total of 3,252,971 trees were planted from seedlings during the 1994-95 season. The Western District Statistical Division (SD) had by far the highest percentage of trees planted from seedlings (29.8%); the next highest was Barwon SD (15.3%; see table 9).

CROPS AND PASTURES

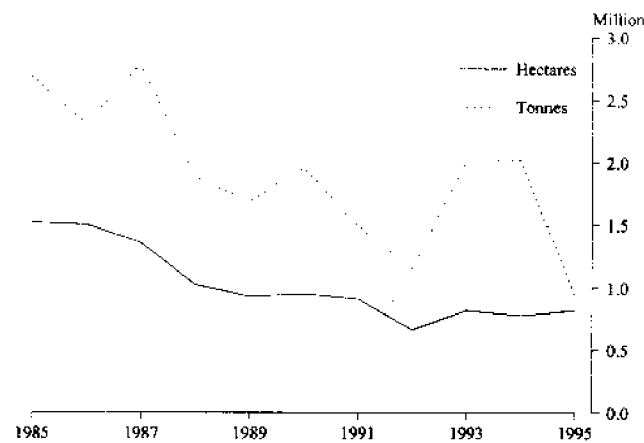
In terms of area, the two main cereal crops grown were wheat (821,800 hectares) and barley (492,300 hectares). In the year ended 31 March 1995 the area sown to wheat for grain increased from nearly 780,000 hectares to just over 820,000 hectares, a rise of 5.4%. The number of establishments growing wheat remained virtually unchanged at 5,247.

Wheat

Production of wheat fell by 53.3% from the previous season to 944,200 tonnes. This fall resulted in a decrease in yield from 2.6 to 1.1 tonnes per hectare (see table 10); the drought was the major reason for these decreases. Wheat for grain was sown in all SDs, the major contributors in terms of production being Mallee and Wimmera which together accounted for 83.4% of the State's production (see table 10).

In 1994-95, 4.7% of all establishments sowing wheat for grain had an area sown of 500 hectares or more. These establishments accounted for 22.9% of total area sown and 19.5% of total production (see table 16).

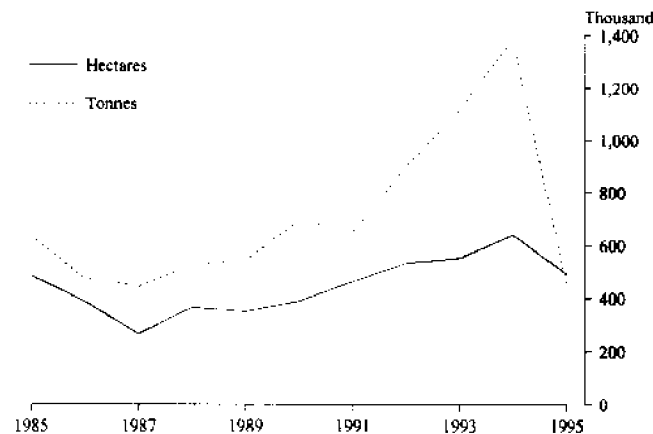
WHEAT, YEARS ENDED 31 MARCH



Barley

The area sown to barley for grain in 1994-95 decreased by 23.0% on the 1993-94 season to 492,300 hectares. Production during the same period decreased by 67.7% to 448,100 tonnes and the yield fell by 59.1% to 0.9 tonnes per hectare (see table 10). These decreases were mainly caused by the effects of the drought. Barley was grown in all SDs, the major contributors to production being Mallee and Wimmera which together accounted for 81.3% of the State's production (see table 10).

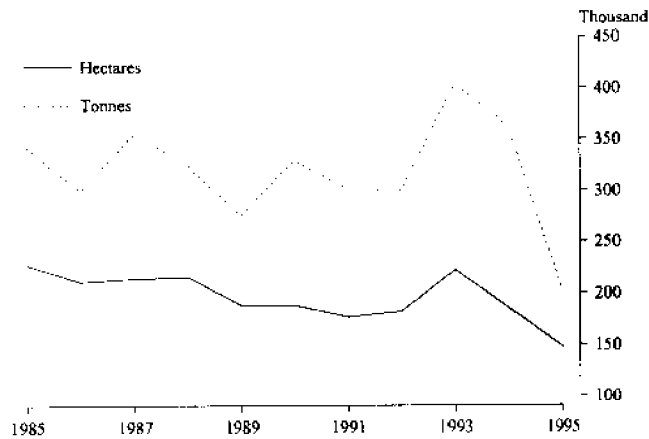
BARLEY, YEARS ENDED 31 MARCH



Oats

The area sown to oats for grain in 1994-95 decreased by 20.5% over the previous season to 147,700 hectares. Production during the same period decreased by 44.6% to 200,600 tonnes and the yield fell by 26.3% to 1.4 tonnes per hectare (see table 10). These decreases also were mainly caused by the effects of the drought. Oats were grown in all SDs, the major contributors to production being Wimmera and Central Highlands which together accounted for 49.6% of the State's production (see table 10).

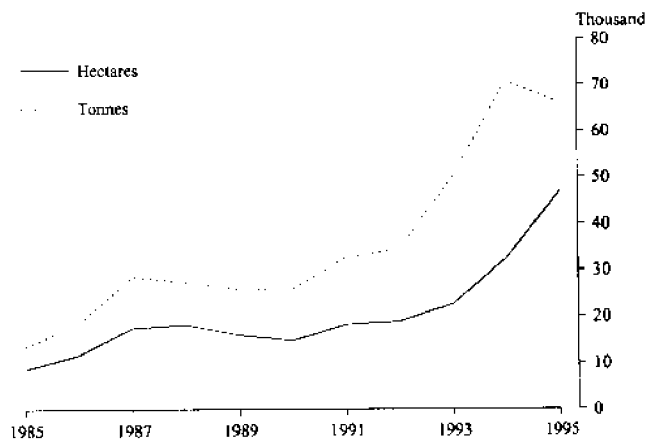
OATS, YEARS ENDED 31 MARCH



Triticale

The number of establishments growing triticale increased to 912, a rise of 35.9% from the previous year. The area planted increased by 45.1% to 47,000 hectares. In the same period, the production of triticale decreased by 6.4% to 66,200 tonnes, with a decrease in yield to 1.4 tonnes per hectare (see table 10). Triticale was grown in all SDs, the major contributors to production being Central Highlands, Goulburn and Western District which together accounted for 57.3% of the State's production (see table 10).

TRITICALE PRODUCTION, YEARS ENDED 31 MARCH



Oilseeds

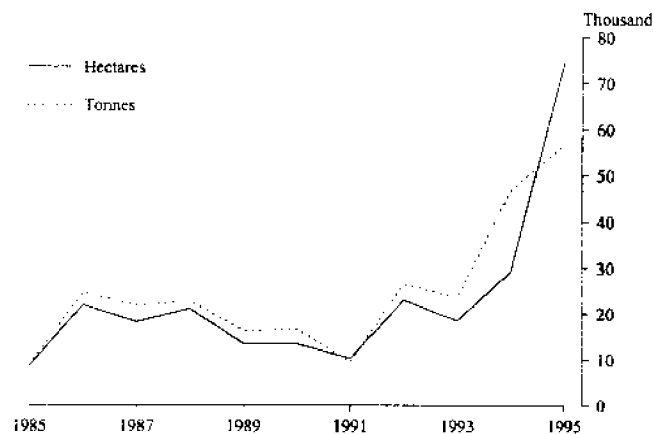
There was an increase of 50.6% in the area planted to oilseeds (canola, safflower, soybeans and sunflower) in the 1994-95 season, up from 63,000 hectares in 1993-94 to 94,900 hectares. However, production decreased by 13.4% to 68,700 tonnes. This decrease also was mainly caused by the effects of the drought.

The area planted to canola (previously rapeseed) increased by 155.1% to 74,500 hectares. Due to the drought, production of canola increased by a much smaller amount (21.2%) to 56,700 tonnes. The area planted to safflower fell by 39.8% to 17,700 hectares. The production of safflower fell by 66.4% to 8,200 tonnes.

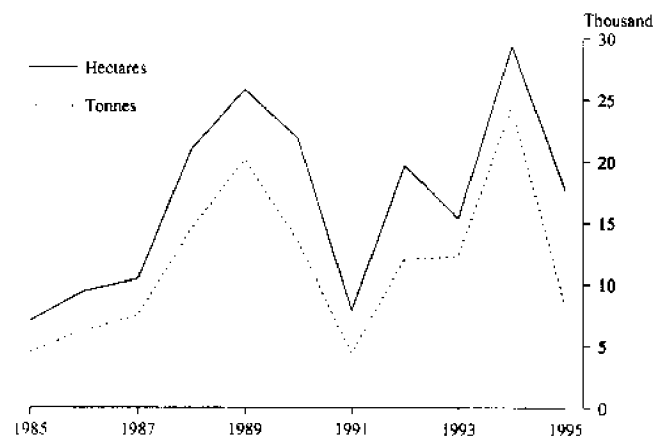
The area planted to soybeans fell by 10.0% to 1,800 hectares. The production of soybeans fell by 47.7% to 2,300 tonnes. The area planted to sunflower fell by 62.5% to 900 hectares. The production of sunflower fell by 59.5% to 1,500 tonnes.

For oilseeds collected, the Wimmera SD accounted for 60.6% of total production in Victoria and 60.1% of canola production (see table 13).

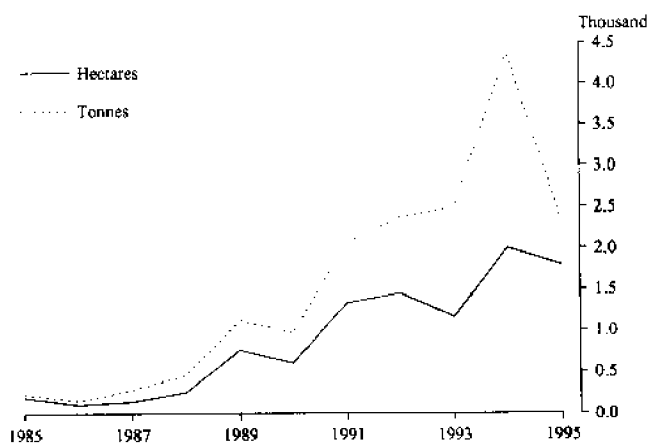
CANOLA, YEARS ENDED 31 MARCH



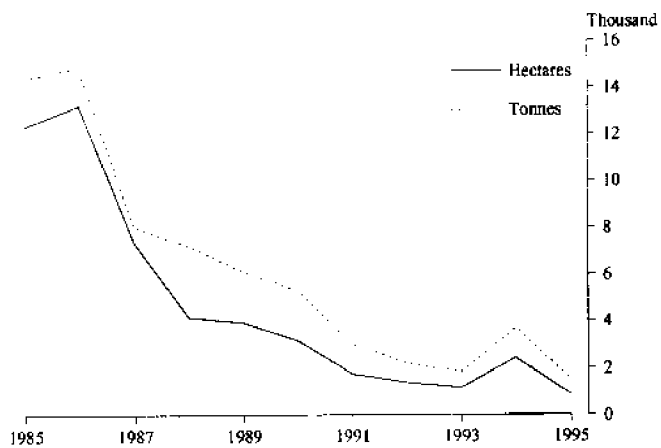
SAFFLOWER, YEARS ENDED 31 MARCH



SOYBEANS, YEARS ENDED 31 MARCH



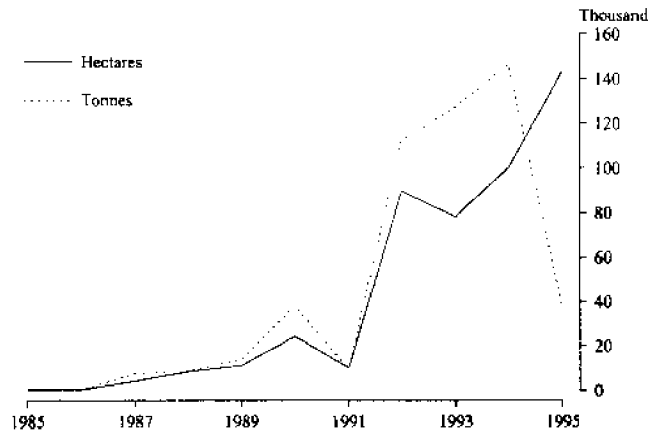
SUNFLOWER, YEARS ENDED 31 MARCH



Chick peas

For the 1994–95 season, the area planted to chick peas increased to 143,500 hectares, a rise of 43.1% from 1993–94. However, following the drought, production of chick peas fell by 74.4% from the 1993–94 season to 37,500 tonnes (see table 11).

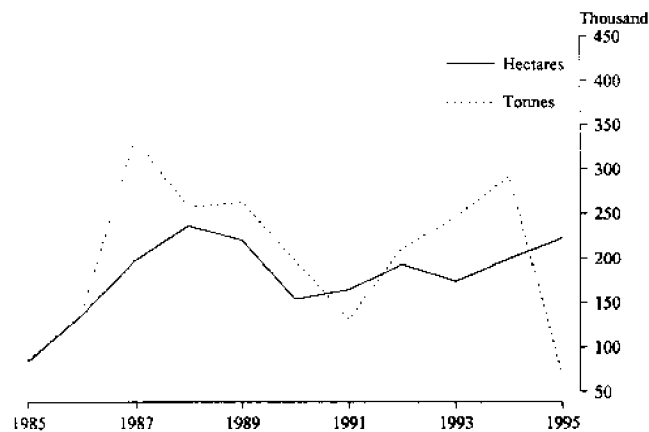
CHICK PEAS, YEARS ENDED 31 MARCH



Field peas

For the 1994–95 season, the area planted to field peas increased to 223,200 hectares, a rise of 11.7% from 1993–94. However, following the drought, production of field peas fell, by 76.4% from the 1993–94 season to 68,900 tonnes (see table 11).

FIELD PEAS, YEARS ENDED 31 MARCH

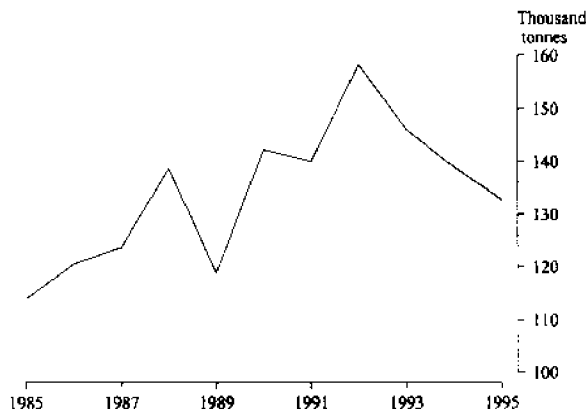


HORTICULTURE

Pears

During the 1994-95 season total pear production fell marginally to 132,800 tonnes. Total tree numbers decreased by 5.3% to 1.1 million. The major SD in terms of tree numbers and production was Goulburn, accounting for 96.9% of the State's production (see table 19).

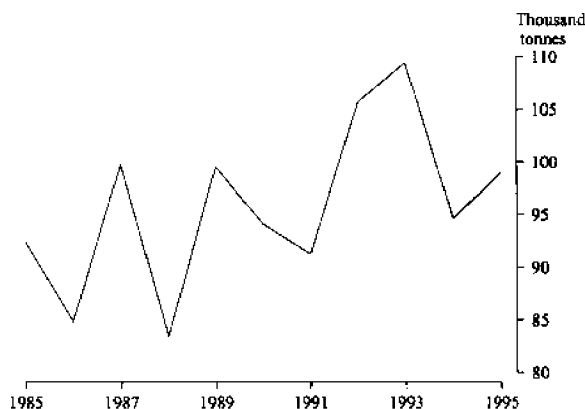
PEAR PRODUCTION, YEARS ENDED 31 MARCH



Apples

The number of apple trees at 31 March 1995 stood at 1.95 million, a decrease of 3.4% from 31 March 1994. Production increased by 4.6% to 99,000 tonnes. The major apple growing areas in Victoria were Goulburn and Melbourne SDs which together accounted for 66.0% of the State's trees and 73.2% of the State's production (see table 19).

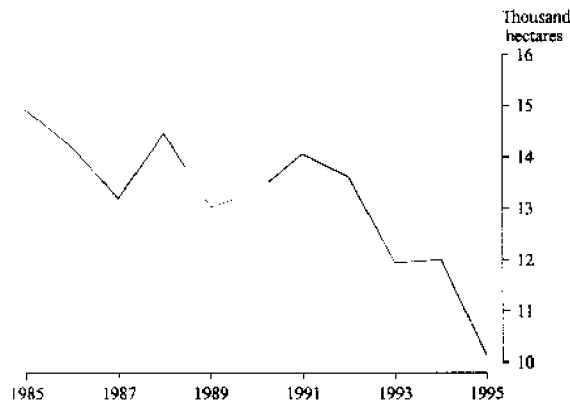
APPLE PRODUCTION, YEARS ENDED 31 MARCH



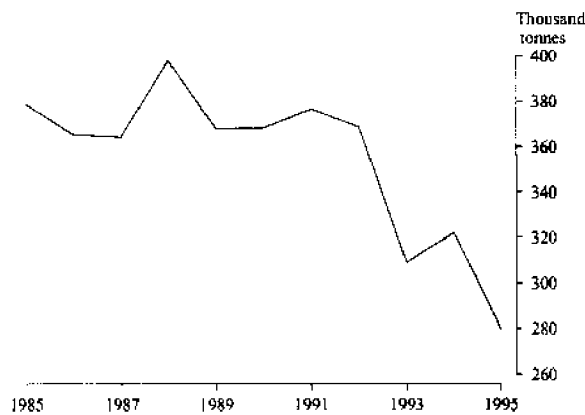
Grapes The total area of bearing vines at harvest in 1994–95 decreased by 2.8% over the previous year to 19,000 hectares; total grape production also fell, by 22.8% to 277,400 tonnes. Production of wine grapes decreased by 17.6% to 137,600 tonnes while grape production for drying decreased by 31.1% to 113,000 tonnes. The major wine grape growing area was Mallee SD with 82.3% of total wine grape production and 59.3% of total grape production (see table 24).

Potatoes The total area planted to potatoes in the 1994–95 season was 10,100 hectares, a decrease of 15.6% over 1993–94. Production also decreased, to 279,900 tonnes, a fall of 13.1%.

POTATO AREA, YEARS ENDED 31 MARCH



POTATO PRODUCTION, YEARS ENDED 31 MARCH



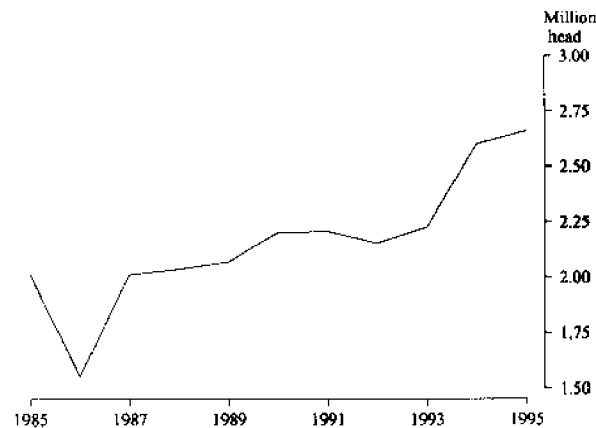
LIVESTOCK AND
LIVESTOCK PRODUCTS

The meat cattle herd was 2.7 million at 31 March 1995, an increase of 2.3% from the previous year. The number of establishments with meat cattle increased only marginally from the previous year to 20,642. The major SDs in terms of numbers were Western District and Gippsland with 21.8% and 17.6% respectively of the State's meat cattle (see table 29).

Meat cattle

At 31 March 1995, 3.8% of all establishments with meat cattle had a herd size of 500 or more. These establishments accounted for 26.8% of the number of meat cattle.

MEAT CATTLE, AT 31 MARCH

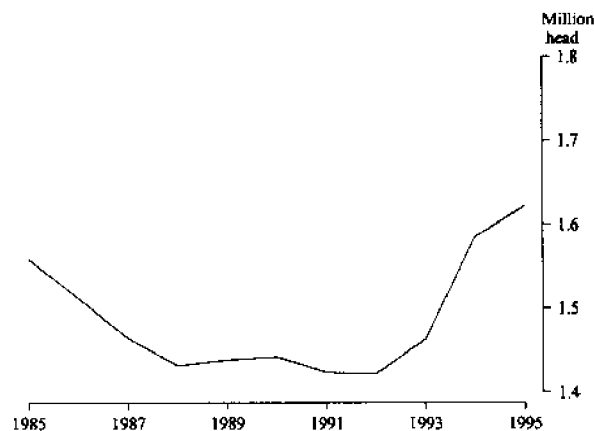


Milk cattle

The milk cattle herd was 1.6 million at 31 March 1995, a rise of 2.3% from the previous year. However, the number of establishments with milk cattle fell by 4.4% to 8,367. The major SDs in terms of numbers were Gippsland, Western District and Goulburn, which together accounted for 68.3% of the State's milk cattle (see table 32).

At 31 March 1995, 24.1% of all establishments with milk cattle had a herd size of 250 or more. These establishments accounted for 47.1% of the number of milk cattle.

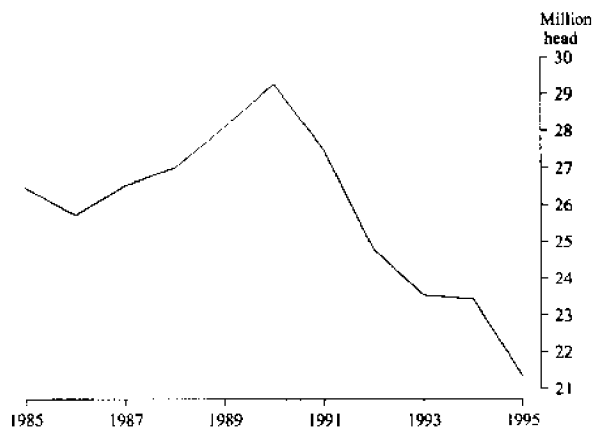
MILK CATTLE, AT 31 MARCH



Sheep and lambs

The number of establishments with sheep and lambs at 31 March 1995 stood at 14,442, a decrease of 5.6% from the previous year. Sheep and lamb numbers at 31 March 1995 were 21.4 million, a decrease of 8.9% from the previous year (see table 35). The number of lambs marked decreased by 3.1% to 7.3 million (see table 38). The major SDs in terms of sheep and lamb numbers were Western District and Central Highlands which together accounted for 46.6% of the State's flock.

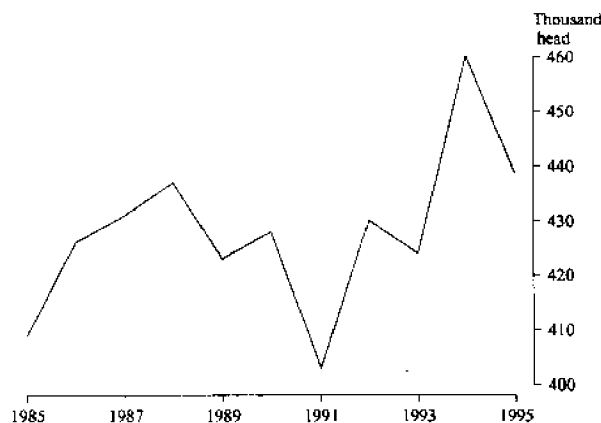
SHEEP AND LAMBS, AT 31 MARCH



Pigs

Pig numbers at 31 March 1995 were 438,600, a decrease of 4.6% from the previous year. The number of establishments with pigs stood at 748, a decrease of 12.1% from the previous year. The major SD in terms of pig numbers was Loddon-Campaspe which accounted for 43.2% of the State's herd (see table 39).

PIGS, AT 31 MARCH



Poultry

Chicken numbers at 31 March 1995 were 15.0 million, an increase of 3.2% from the previous year. Chickens for egg production increased by 16.2% to 2.6 million; chickens for meat production increased by 0.8% to 12.4 million. The major SD in terms of chickens for meat production was Melbourne which accounted for 62.2% of the State's total (see table 41).

VALUE OF AGRICULTURAL
COMMODITIES PRODUCED

At the time of publication, preliminary figures only were available for the gross value of agricultural commodities produced in the year ending 31 March 1995. These figures show that wheat was the leading individual crop in terms of value of production at \$196.8 million. The effects of the drought can be gauged by the decrease in this value (down 43.6% on the previous year). However, wheat remained the principal contributor to the value of cereal grain production accounting for 56.1% of the total (see table 15).

In relation to fruit, preliminary figures show that grapes remained the leading individual fruit in value terms at \$189.3 million, followed by apples with a value of production of \$112.2 million. Next highest was pears contributing \$53.7 million (see table 23).

The gross value of livestock slaughterings decreased slightly from the previous year to \$1,368.8 million. Cattle and calf slaughterings represented 55.9% of this value followed by sheep and lambs, poultry and pigs which represented 19.1%, 14.3% and 10.7% respectively. Preliminary figures show the most significant change in livestock slaughterings was the gross value of poultry slaughterings. This value decreased by 19.2% to \$195.4 million in 1994-95 (see table 44).

Reflecting improved wool prices, the gross value of wool production increased from the previous year to \$635.3 million, a rise of 44.5%. The value of milk production decreased by 5.1% to \$1,311.0 million. The value of eggs decreased marginally to \$50.5 million in 1994-95 (see table 44).

STRUCTURE OF AGRICULTURAL INDUSTRY

1

NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY, HAVING EVAO \$5,000 AND OVER,¹
AT 31 MARCH 1993 TO 1995

ANZSIC code	Industry of establishment	1993	1994	1995
0111	Plant nurseries	366	291	284
0112	Cut flower and flower seed growing	181	185	184
0113	Vegetable growing	1 130	1 083	1 015
0114	Grape growing	1 750	1 729	1 645
0115	Apple and pear growing	492	466	448
0116	Stonefruit growing	237	240	251
0117	Kiwi fruit growing	15	13	13
0119	Fruit growing n.e.c.	426	396	382
0121	Grain growing	2 658	3 019	2 452
0122	Grain-sheep/beef cattle farming	2 991	2 689	2 939
0123	Sheep-beef cattle farming	3 347	3 343	3 178
0124	Sheep farming	5 574	4 773	5 017
0125	Beef cattle farming	8 054	8 307	8 367
0130	Dairy cattle farming	7 955	8 057	7 946
0141	Poultry farming (meat)	143	151	155
0142	Poultry farming (eggs)	136	123	118
0151	Pig farming	262	275	242
0152	Horse farming	457	420	330
0153	Deer farming	132	130	112
0159	Livestock farming n.e.c.	249	450	734
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	463	321	390
Total (ANZSIC Code 01)		37 018	36 461	36 202
02	Services to agriculture; hunting and trapping	36	36	40
03	Forestry and logging	1	—	1
04	Commercial fishing	—	—	—
Total (ANZSIC Division A)		37 055	36 497	36 243
All other ANZSIC Divisions		247	258	259
Unclassified		470	575	568
Total all industries		37 772	37 330	37 070

¹ 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 59.

2

NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY, HAVING EVAO \$22,500 AND OVER,
AT 31 MARCH 1993 TO 1995

ANZSIC code	Industry of establishment	1993	1994	1995
0111	Plant nurseries	207	193	237
0112	Cut flower and flower seed growing	129	144	162
0113	Vegetable growing	1 021	1 026	955
0114	Grape growing	1 542	1 589	1 488
0115	Apple and pear growing	465	448	425
0116	Stonefruit growing	183	204	215
0117	Kiwi fruit growing	10	11	11
0119	Fruit growing n.e.c.	309	319	316
0121	Grain growing	2 464	2 925	2 296
0122	Grain-sheep/beef cattle farming	2 683	2 528	2 715
0123	Sheep-beef cattle farming	2 773	2 831	2 661
0124	Sheep farming	3 939	3 336	3 675
0125	Beef cattle farming	4 425	5 314	4 678
0130	Dairy cattle farming	7 619	7 958	7 823
0141	Poultry farming (meat)	135	148	153
0142	Poultry farming (eggs)	130	118	113
0151	Pig farming	231	261	230
0152	Horse farming	245	253	202
0153	Deer farming	114	128	104
0159	Livestock farming n.e.c.	168	265	486
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	350	270	318
Total (ANZSIC Code 01)		29 142	30 269	29 263
02	Services to agriculture; hunting and trapping	18	23	30
03	Forestry and logging	1	—	—
04	Commercial fishing	—	—	—
Total (ANZSIC Division A)		29 161	30 292	29 293
All other ANZSIC Divisions		131	159	179
Unclassified		—	—	—
Total all industries		29 292	30 451	29 472

3

NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY STATISTICAL DIVISION, HAVING EVAO \$5,000 AND OVER, AT 31 MARCH 1993 TO 1995

<i>Statistical division</i>	1993	1994	1995
Melbourne	2 873	2 799	2 848
Barwon	1 965	1 924	1 874
Western District	5 305	5 274	5 190
Central Highlands	2 140	2 111	2 120
Wimmera	3 120	3 069	3 040
Mallee	4 387	4 294	4 146
Loddon-Campaspe	3 578	3 546	3 541
Goulburn	5 835	5 756	5 688
Ovens-Murray	2 452	2 444	2 450
East Gippsland	1 570	1 581	1 628
Gippsland	4 547	4 532	4 545
Victoria	37 772	37 330	37 070

4

NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY STATISTICAL DIVISION, HAVING EVAO \$22,500 AND OVER, AT 31 MARCH 1993 TO 1995

<i>Statistical division</i>	1993	1994	1995
Melbourne	1 852	1 970	1 956
Barwon	1 397	1 430	1 394
Western District	4 481	4 545	4 418
Central Highlands	1 558	1 596	1 582
Wimmera	2 659	2 730	2 643
Mallee	3 830	3 900	3 683
Loddon-Campaspe	2 669	2 777	2 688
Goulburn	4 406	4 617	4 481
Ovens-Murray	1 768	1 880	1 789
East Gippsland	1 191	1 268	1 245
Gippsland	3 481	3 738	3 593
Victoria	29 292	30 451	29 472

ANZSIC code	Industry of establishment	Estimated value of agricultural operations			
		Less than \$5 000 ¹	\$5 000 – \$22 499	\$22 500 – \$49 999	\$50 000 – \$99 999
		no.	no.	no.	no.
0111	Plant nurseries	11	36	65	60
0112	Cut flower and flower seed growing	2	20	26	48
0113	Vegetable growing	12	48	96	159
0114	Grape growing	17	140	405	645
0115	Apple and pear growing	1	22	33	50
0116	Stonefruit growing	9	27	38	63
0117	Kiwi fruit growing	—	2	1	3
0119	Fruit growing n.e.c.	13	53	64	77
0121	Grain growing	13	143	366	555
0122	Grain-sheep/beef cattle farming	17	207	527	846
0123	Sheep-beef cattle farming	43	474	786	897
0124	Sheep farming	151	1 191	1 248	1 334
0125	Beef cattle farming	388	3 301	2 436	1 395
0130	Dairy cattle farming	10	112	325	1 058
0141	Poultry farming (meat)	—	2	3	7
0142	Poultry farming (eggs)	—	5	7	12
0151	Pig farming	4	8	30	20
0152	Horse farming	15	113	91	66
0153	Deer farming	1	7	21	18
0159	Livestock farming n.e.c.	59	189	176	121
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	25	47	51	75
Total (ANZSIC Code 01)		791	6 147	6 795	7 509
02	Services to agriculture; hunting and trapping	1	9	20	5
03	Forestry and logging	1	—	—	—
04	Commercial fishing	—	—	—	—
Total (ANZSIC Division A)		793	6 156	6 815	7 514
All other ANZSIC Divisions		12	69	85	43
Unclassified		568	—	—	—
Total all industries		1 373	6 225	6 900	7 557

¹ See Explanatory Note 4 on page 59.

5

NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY OF ESTABLISHMENT AND EVAO,
AT 31 MARCH 1995 — *continued*

ANZSIC code	Industry of establishment	Estimated value of agricultural operations			Total establishments
		\$100 000 – \$199 999	\$200 000 – \$499 999	\$500 000 or more	
		no.	no.	no.	no.
0111	Plant nurseries	47	38	27	284
0112	Cut flower and flower seed growing	37	34	17	184
0113	Vegetable growing	205	313	182	1 015
0114	Grape growing	315	103	20	1 645
0115	Apple and pear growing	102	133	107	448
0116	Stonefruit growing	62	36	16	251
0117	Kiwi fruit growing	3	2	2	13
0119	Fruit growing n.e.c.	74	63	38	382
0121	Grain growing	832	494	49	2 452
0122	Grain-sheep/beef cattle farming	926	379	37	2 939
0123	Sheep-beef cattle farming	638	299	41	3 178
0124	Sheep farming	815	255	23	5 017
0125	Beef cattle farming	643	175	29	8 367
0130	Dairy cattle farming	3 459	2 726	256	7 946
0141	Poultry farming (meat)	9	47	87	155
0142	Poultry farming (eggs)	21	34	39	118
0151	Pig farming	57	72	51	242
0152	Horse farming	36	7	2	330
0153	Deer farming	27	30	8	112
0159	Livestock farming n.e.c.	80	80	29	734
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	102	68	22	390
Total (ANZSIC Code 01)		8 490	5 388	1 082	36 202
02	Services to agriculture; hunting and trapping	3	1	1	40
03	Forestry and logging	—	—	—	1
04	Commercial fishing	—	—	—	—
Total (ANZSIC Division A)		8 493	5 389	1 083	36 243
All other ANZSIC Divisions		18	17	15	259
Unclassified		—	—	—	568
Total all industries		8 511	5 406	1 098	37 070

NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY AND AREA OF ESTABLISHMENT,
AT 31 MARCH 1995

ANZSIC code	Industry of establishment	Area of establishment					
		0 –	50 –	100 –	500 –	1 000 –	2 500 –
		49 ha	99 ha	499 ha	999 ha	2 499 ha	4 999 ha
		no.	no.	no.	no.	no.	no.
0111	Plant nurseries	250	16	17	—	—	—
0112	Cut flower and flower seed growing	150	21	8	5	—	—
0113	Vegetable growing	476	185	314	32	5	2
0114	Grape growing	1 517	65	53	3	5	—
0115	Apple and pear growing	333	63	45	6	1	—
0116	Stonefruit growing	206	22	22	—	1	—
0117	Kiwi fruit growing	8	4	1	—	—	—
0119	Fruit growing n.e.c.	298	44	29	6	5	—
0121	Grain growing	15	37	807	838	636	98
0122	Grain-sheep/beef cattle farming	20	39	1 093	995	670	101
0123	Sheep-beef cattle farming	136	278	1 754	626	322	47
0124	Sheep farming	226	399	2 952	1 028	357	46
0125	Beef cattle farming	2 126	2 079	3 613	406	112	11
0130	Dairy cattle farming	975	2 167	4 587	180	32	2
0141	Poultry farming (meat)	113	10	20	8	4	—
0142	Poultry farming (eggs)	88	6	20	2	2	—
0151	Pig farming	71	36	87	34	14	—
0152	Horse farming	172	66	88	2	—	2
0153	Deer farming	60	19	31	2	—	—
0159	Livestock farming n.e.c.	496	90	114	26	5	3
0161	Sugar cane growing	—	—	—	—	—	—
0162	Cotton growing	—	—	—	—	—	—
0169	Crop and plant growing n.e.c.	136	60	148	31	13	2
Total (ANZSIC Code 01)		7 872	5 706	15 803	4 230	2 184	314
02	Services to agriculture; hunting and trapping	7	11	21	1	—	—
03	Forestry and logging	—	—	1	—	—	—
04	Commercial fishing	—	—	—	—	—	—
Total (ANZSIC Division A)		7 879	5 717	15 825	4 231	2 184	314
All other ANZSIC Divisions		116	39	88	10	4	—
Unclassified		275	96	170	19	7	1
Total all industries		8 270	5 852	16 083	4 260	2 195	315

6

NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY AND AREA OF ESTABLISHMENT¹,
AT 31 MARCH 1995 — *continued*

ANZSIC code	Industry of establishment	Area of establishment				Total establishments
		5 000 – 9 999 ha	10 000 – 24 999 ha	25 000 – 49 999 ha	50 000 ha or more	
		no.	no.	no.	no.	no.
0111	Plant nurseries	1	—	—	—	284
0112	Cut flower and flower seed growing	—	—	—	—	184
0113	Vegetable growing	1	—	—	—	1 015
0114	Grape growing	2	—	—	—	1 645
0115	Apple and pear growing	—	—	—	—	448
0116	Stonefruit growing	—	—	—	—	251
0117	Kiwi fruit growing	—	—	—	—	13
0119	Fruit growing n.e.c.	—	—	—	—	382
0121	Grain growing	19	1	—	1	2 452
0122	Grain-sheep/beef cattle farming	17	4	—	—	2 939
0123	Sheep-beef cattle farming	9	2	3	1	3 178
0124	Sheep farming	9	—	—	—	5 017
0125	Beef cattle farming	6	9	4	1	8 367
0130	Dairy cattle farming	1	2	—	—	7 946
0141	Poultry farming (meat)	—	—	—	—	155
0142	Poultry farming (eggs)	—	—	—	—	118
0151	Pig farming	—	—	—	—	242
0152	Horse farming	—	—	—	—	330
0153	Deer farming	—	—	—	—	112
0159	Livestock farming n.e.c.	—	—	—	—	734
0161	Sugar cane growing	—	—	—	—	—
0162	Cotton growing	—	—	—	—	—
0169	Crop and plant growing n.e.c.	—	—	—	—	390
Total (ANZSIC Code 01)		65	18	7	3	36 202
02	Services to agriculture; hunting and trapping	—	—	—	—	40
03	Forestry and logging	—	—	—	—	1
04	Commercial fishing	—	—	—	—	—
Total (ANZSIC Division A)		65	18	7	3	36 243
All other ANZSIC Divisions		1	1	—	—	259
Unclassified		—	—	—	—	568
Total all industries		66	19	7	3	37 070

¹ Other State publications have area of establishment categories above 100,000 hectares. However, in Victoria there are no establishments with an area of greater than 100,000 hectares.

LAND MANAGEMENT

7

AREA AND LAND USE OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY STATISTICAL DIVISION,
AT 31 MARCH 1995

Statistical division	Area of cereal crops ¹	Area of other crops	Area of orchard trees	Area of Vegetables
	ha	ha	ha	ha
Melbourne	5 373.0	2 328.5	2 553.9	10 504.5
Barwon	18 864.7	4 255.5	28.5	1 462.0
Western District	35 975.4	4 677.0	40.9	680.0
Central Highlands	55 839.1	8 911.4	321.2	3 087.6
Wimmera	445 470.2	328 275.3	719.7	122.3
Mallee	746 670.3	167 582.5	7 466.2	2 111.0
Loddon-Campaspe	155 509.8	53 034.3	660.4	1 444.9
Goulburn	79 580.8	16 433.2	9 369.7	2 009.0
Ovens-Murray	21 803.7	5 408.4	1 295.6	109.7
East Gippsland	1 610.5	304.2	62.9	3 038.1
Gippsland	3 074.6	1 560.9	210.0	3 645.5
Victoria				
1995	1 569 772.0	592 771.2	22 729.0	28 214.6
1994	1 699 606.2	498 342.0	23 104.6	34 393.3
1993²	1 690 458.2	460 187.9	23 574.0	34 849.4

Statistical division	Area of holding	Area of non-agricultural land ³	Total area (agricultural and non-agricultural land)
	ha	ha	ha
Melbourne	247 336.3	534 145.6	781 481.9
Barwon	449 242.6	365 565.3	814 807.9
Western District	1 766 060.0	643 567.8	2 409 627.8
Central Highlands	799 473.2	465 958.7	1 265 431.9
Wimmera	2 099 368.0	962 867.7	3 062 235.7
Mallee	2 549 396.0	1 538 134.6	4 087 530.6
Loddon-Campaspe	1 317 050.0	612 336.8	1 929 386.8
Goulburn	1 295 724.0	1 043 909.8	2 339 633.8
Ovens-Murray	703 680.0	1 124 722.8	1 828 402.8
East Gippsland	865 162.2	1 920 898.5	2 786 060.7
Gippsland	626 935.3	878 557.6	1 505 492.9
Victoria			
1995	12 719 427.0	10 090 665.8	22 810 092.8
1994	13 017 333.4	9 792 759.4	22 810 092.8
1993²	12 270 418.9	10 539 673.9	22 810 092.8

¹ Excludes pastures and grasses harvested for hay or seed.

² Figures have been collected on the basis of EVAO \$22,500 and over.

³ 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 BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1995

Statistical division	Area of holding on which the following crop stubble techniques were used			
	Stubble was burnt	Stubble was incorporated ¹	Stubble was mulched ²	Standing stubble was left intact ³
	ha	ha	ha	ha
Melbourne	360.0	1 710.1	212.0	775.0
Barwon	4 237.1	6 089.4	1 607.0	3 351.8
Western District	15 061.7	4 338.4	1 401.1	5 205.7
Central Highlands	21 407.0	7 974.9	1 543.5	9 082.3
Wimmera	131 131.6	119 035.3	79 973.3	142 765.5
Mallee	51 402.0	253 880.8	47 204.2	141 496.8
Loddon-Campaspe	28 391.0	37 150.5	7 895.7	41 774.0
Goulburn	18 926.2	14 004.6	2 381.0	16 642.8
Ovens-Murray	4 599.9	2 312.2	308.0	6 259.2
East Gippsland	23.0	855.3	67.0	273.0
Gippsland	202.0	545.0	39.0	148.0
Victoria	275 741.5	447 696.5	142 631.8	367 774.1

¹ Farm machinery used to plough stubble into soil.

² Farm machinery used to chop or slash stubble into smaller lengths.

³ No cultivation, crops sown by direct drilling.

9

PLANTING OF TREES¹ BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1995

Statistical division	Planted from seedlings	Planted with seed
	number	'000 ha
Melbourne	277 915	37.2
Barwon	498 547	119.8
Western District	967 816	363.0
Central Highlands	161 160	86.5
Wimmera	121 927	406.5
Mallee	118 086	38.8
Loddon-Campaspe	186 266	224.9
Goulburn	328 093	205.3
Ovens-Murray	167 194	157.7
East Gippsland	57 936	66.0
Gippsland	368 031	84.8
Victoria	3 252 971	1 790.5

¹ Includes tea-trees.

CROPS AND PASTURES

10

AREA, PRODUCTION AND YIELD OF CEREALS FOR GRAIN BY STATISTICAL DIVISION,
YEAR ENDED 31 MARCH 1995

Statistical division	Barley			Grain sorghum		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Melbourne	3.1	4.5	1.4	—	—	0.8
Barwon	8.5	14.3	1.7	0.1	0.2	1.8
Western District	6.6	13.1	2.0	0.5	0.2	0.4
Central Highlands	6.3	9.6	1.5	—	—	0.8
Wimmera	141.6	143.8	1.0	2.7	3.8	1.4
Mallee	277.3	220.7	0.8	1.4	1.0	0.7
Loddon-Campaspe	38.9	29.5	0.8	0.6	0.4	0.7
Goulburn	8.5	10.7	1.3	0.3	1.0	3.9
Ovens-Murray	1.2	1.3	1.1	0.1	0.9	7.6
East Gippsland	—	0.1	2.2	—	—	0.8
Gippsland	0.3	0.5	1.8	—	—	—
Victoria						
1995	492.3	448.1	0.9	5.7	7.6	1.3
1994	639.5	1 386.2	2.2	0.2	0.1	0.4
1993¹	551.5	1 116.3	2.0	—	—	0.3

Statistical division	Maize			Millet		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Melbourne	—	—	—	—	—	0.5
Barwon	—	—	30.0	—	—	—
Western District	—	—	6.8	—	—	1.7
Central Highlands	—	—	—	—	—	—
Wimmera	—	—	0.9	—	—	—
Mallee	—	0.4	9.3	0.8	0.8	1.0
Loddon-Campaspe	0.3	1.8	5.7	0.5	0.9	1.7
Goulburn	0.3	2.5	8.9	0.2	0.8	4.3
Ovens-Murray	—	—	—	—	—	0.9
East Gippsland	—	0.4	7.8	—	—	3.8
Gippsland	—	—	23.3	—	—	2.3
Victoria						
1995	0.7	5.1	7.4	1.7	2.6	1.6
1994	0.2	1.7	7.2	1.4	2.1	1.5
1993¹	0.4	2.8	7.8	0.8	1.6	2.0

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

<i>Statistical division</i>	<i>Oats</i>			<i>Triticale</i>		
	<i>Area</i>	<i>Production</i>	<i>Yield</i>	<i>Area</i>	<i>Production</i>	<i>Yield</i>
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Melbourne	0.4	0.6	1.3	0.1	0.1	1.1
Barwon	3.8	7.3	1.9	2.2	5.2	2.3
Western District	12.7	32.1	2.5	6.7	12.1	1.8
Central Highlands	21.1	41.8	2.0	8.9	13.5	1.5
Wimmera	40.7	57.6	1.4	6.2	7.8	1.2
Mallee	18.9	11.9	0.6	8.7	9.0	1.0
Loddon-Campaspe	24.4	17.8	0.7	3.0	3.4	1.1
Goulburn	19.2	24.3	1.3	9.2	12.3	1.3
Ovens-Murray	6.1	6.5	1.1	1.6	1.9	1.2
East Gippsland	0.2	0.4	1.6	0.3	0.7	2.8
Gippsland	0.2	0.3	1.3	0.1	0.2	2.6
Victoria						
1995	147.7	200.6	1.4	47.0	66.2	1.4
1994	185.8	362.0	1.9	32.4	70.7	2.2
1993¹	222.9	403.8	1.8	22.6	50.0	2.2

<i>Statistical division</i>	<i>Wheat</i>		
	<i>Area</i>	<i>Production</i>	<i>Yield</i>
	'000 ha	'000 t	t/ha
Melbourne	0.8	0.6	0.9
Barwon	2.2	4.6	2.1
Western District	3.1	5.6	1.8
Central Highlands	12.0	21.3	1.8
Wimmera	250.0	387.2	1.5
Mallee	430.8	399.8	0.9
Loddon-Campaspe	81.0	71.5	0.9
Goulburn	30.8	38.6	1.3
Ovens-Murray	10.2	13.5	1.3
East Gippsland	0.3	0.7	2.3
Gippsland	0.5	0.8	1.5
Victoria			
1995	821.8	944.2	1.1
1994	779.9	2 021.9	2.6
1993¹	821.2	2 015.1	2.5

¹ Figures have been collected on the basis of EVA0 \$22,500 and over.

Statistical division	Chick peas			Faba beans		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Melbourne	—	—	—	—	—	—
Barwon	0.1	0.1	2.4	—	—	—
Western District	0.2	—	—	—	—	1.9
Central Highlands	0.3	—	—	0.2	0.2	0.9
Wimmera	118.4	32.6	0.3	31.0	15.0	0.5
Mallee	17.0	3.1	0.2	2.4	0.5	0.2
Loddon-Campaspe	7.4	1.6	0.2	2.2	1.7	0.8
Goulburn	—	—	0.7	0.4	0.1	0.3
Ovens-Murray	—	—	—	—	—	1.0
East Gippsland	—	—	—	—	—	1.0
Gippsland	—	—	—	—	—	—
Victoria						
1995	143.5	37.5	0.3	36.2	17.4	0.5
1994	100.3	148.2	1.5	44.8	65.4	1.5
1993 ¹	78.3	127.5	1.6	61.2	75.2	1.2

Statistical division	Field peas			Lupins		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Melbourne	—	—	1.3	—	—	0.3
Barwon	0.8	1.2	1.5	0.7	0.6	0.9
Western District	0.1	0.1	0.9	1.0	1.2	1.2
Central Highlands	0.2	0.1	0.5	1.8	1.3	0.7
Wimmera	87.8	36.7	0.4	19.8	8.6	0.4
Mallee	116.5	25.2	0.2	10.4	2.6	0.2
Loddon-Campaspe	16.1	4.3	0.3	16.7	3.1	0.2
Goulburn	1.2	0.7	0.6	11.2	3.9	0.4
Ovens-Murray	0.4	0.5	1.3	2.7	1.4	0.5
East Gippsland	—	—	—	—	—	0.9
Gippsland	—	—	—	—	—	0.6
Victoria						
1995	223.2	68.9	0.3	64.4	23.0	0.4
1994	199.9	292.5	1.5	55.1	59.5	1.1
1993 ¹	174.2	246.2	1.4	52.6	82.5	1.6

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

11

AREA, PRODUCTION AND YIELD OF LEGUMES FOR GRAIN BY STATISTICAL DIVISION,
YEAR ENDED 31 MARCH 1995 — *continued*

Statistical division	Vetches		
	Area	Production	Yield
	'000 ha	'000 t	t/ha
Melbourne	—	—	—
Barwon	—	—	—
Western District	—	—	—
Central Highlands	—	—	—
Wimmera	5.9	0.5	0.1
Mallee	16.5	0.1	—
Loddon-Campaspe	0.3	—	0.2
Goulburn	0.1	—	0.1
Ovens-Murray	—	—	—
East Gippsland	—	—	—
Gippsland	1.2	—	—
Victoria			
1995	24.0	0.8	—
1994	19.8	9.4	0.5
1993¹	44.8	26.2	0.6

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

Statistical division	Lucerne			Other pastures		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Melbourne	0.6	2.6	4.2	11.1	46.7	4.2
Barwon	1.7	7.5	4.3	20.9	88.1	4.2
Western District	4.3	17.2	4.0	103.8	413.2	4.0
Central Highlands	2.4	7.6	3.2	16.2	49.2	3.0
Wimmera	1.6	5.5	3.3	11.7	28.2	2.4
Mallee	3.4	18.4	5.5	6.7	22.4	3.4
Loddon-Campaspe	10.4	63.0	6.0	24.2	87.7	3.6
Goulburn	6.5	36.1	5.5	56.7	198.4	3.5
Ovens-Murray	1.2	6.3	5.1	11.1	39.6	3.6
East Gippsland	2.1	11.2	5.3	8.8	32.9	3.7
Gippsland	2.8	13.1	4.7	58.4	239.7	4.1
Victoria						
1995	37.2	188.4	5.1	329.5	1 245.9	3.8
1994	35.2	190.6	5.4	396.0	1 561.0	3.9
1993¹	34.5	189.9	5.5	487.9	1 986.1	4.1

Statistical division	Total pastures		
	Area	Production	Yield
	'000 ha	'000 t	t/ha
Melbourne	11.7	49.2	4.2
Barwon	22.7	95.5	4.2
Western District	108.1	430.4	4.0
Central Highlands	18.6	56.8	3.0
Wimmera	13.3	33.6	2.5
Mallee	10.1	40.8	4.1
Loddon-Campaspe	34.6	150.6	4.4
Goulburn	63.2	234.4	3.7
Ovens-Murray	12.3	45.9	3.7
East Gippsland	10.9	44.1	4.0
Gippsland	61.2	252.8	4.1
Victoria			
1995	366.7	1 434.3	3.9
1994	431.2	1 751.6	4.1
1993¹	522.4	2 176.0	4.2

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

Statistical division	Oats			Other crops		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Melbourne	0.7	2.5	3.4	0.1	0.5	3.8
Barwon	1.9	7.0	3.7	0.4	1.2	3.1
Western District	6.0	25.1	4.2	0.9	3.3	3.6
Central Highlands	7.2	28.3	3.9	0.6	2.0	3.3
Wimmera	3.5	9.4	2.7	1.2	3.4	2.7
Mallee	1.6	3.8	2.4	0.7	1.1	1.6
Loddon-Campaspe	6.2	16.7	2.7	2.8	6.0	2.2
Goulburn	10.7	34.4	3.2	2.3	6.4	2.9
Ovens-Murray	2.4	7.9	3.3	0.4	1.2	3.1
East Gippsland	0.6	2.3	4.0	0.1	0.2	2.9
Gippsland	1.7	6.5	3.9	0.3	1.5	4.6
Victoria						
1995	42.3	143.8	3.4	9.7	26.7	2.8
1994	46.1	189.5	4.1	5.4	16.4	3.0
1993¹	50.4	209.6	4.2	6.1	20.6	3.4

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

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AREA, PRODUCTION AND YIELD OF OILSEEDS BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1995

Statistical division	Canola			Safflower		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Melbourne	0.5	0.5	1.0	—	—	—
Barwon	2.0	2.4	1.2	—	—	0.8
Western District	2.8	3.7	1.3	0.1	0.1	0.9
Central Highlands	6.2	7.3	1.2	0.1	0.1	0.7
Wimmera	48.1	34.1	0.7	15.4	7.3	0.5
Mallee	4.1	1.8	0.4	0.3	0.1	0.3
Loddon-Campaspe	8.3	4.7	0.6	1.4	0.5	0.3
Goulburn	1.8	1.5	0.8	0.3	0.2	0.6
Ovens-Murray	0.6	0.6	1.1	—	—	—
East Gippsland	—	—	1.5	—	—	—
Gippsland	—	—	—	—	—	—
Victoria						
1995	74.5	56.7	0.8	17.7	8.2	0.5
1994	29.2	48.8	1.6	29.4	24.4	0.8
1993¹	18.5	23.5	1.3	15.4	12.3	0.8

Statistical division	Soybeans			Sunflower		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Melbourne	—	—	—	—	—	—
Barwon	—	—	—	0.3	0.3	1.1
Western District	—	—	1.2	0.1	0.2	1.2
Central Highlands	—	—	—	—	—	—
Wimmera	0.4	0.3	0.7	—	—	1.5
Mallee	0.1	—	—	—	—	—
Loddon-Campaspe	0.3	0.2	0.6	0.3	0.6	2.1
Goulburn	1.0	1.9	1.8	0.2	0.5	2.5
Ovens-Murray	—	—	—	—	—	—
East Gippsland	—	—	—	—	—	—
Gippsland	—	—	—	—	—	—
Victoria						
1995	1.8	2.3	1.3	0.9	1.5	1.7
1994	2.0	4.4	2.2	2.4	3.7	1.5
1993¹	1.2	2.5	2.1	1.2	1.8	1.6

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

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AREA, PRODUCTION AND YIELD OF OTHER CROPS BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1995

Statistical division	Hops			Tobacco		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Melbourne	—	—	—	—	—	—
Barwon	—	—	—	—	—	—
Western District	—	—	—	—	—	—
Central Highlands	—	—	—	—	—	—
Wimmera	—	—	—	—	—	—
Mallee	—	—	—	—	—	—
Loddon-Campaspe	—	—	—	—	—	—
Goulburn	—	—	—	—	—	—
Ovens-Murray	0.3	0.6	2.1	1.4	2.9	2.1
East Gippsland	—	—	—	—	—	—
Gippsland	—	—	—	—	—	—
Victoria						
1995	0.3	0.6	2.1	1.4	2.9	2.1
1994	0.3	0.6	2.1	1.4	4.1	2.9
1993 ¹	0.3	0.6	1.9	2.0	4.7	2.4

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

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GROSS VALUE OF PRINCIPAL CROPS AND PASTURES, YEARS ENDED 31 MARCH 1993 TO 1995p

	1993 ¹	1994	1995p
	\$m	\$m	\$m
Cereals for grain			
Barley	181.6	196.4	97.2
Maize	0.3	0.4	1.0
Oats	49.3	32.9	39.6
Panicum and millet	0.4	1.0	1.1
Sorghum	—	—	1.4
Triticale	5.9	10.4	11.3
Wheat	360.2	348.9	196.8
Other	3.3	3.1	2.6
Total	601.0	593.1	351.0
Cereals for hay			
Oats	20.3	17.8	19.9
Lucerne	33.0	29.0	42.7
Grass and other	188.3	159.6	201.6
Total	241.6	206.4	264.2
Canola	8.0	21.0	23.0
Chick peas	38.0	54.1	17.3
Field peas	65.2	73.2	18.2
Tobacco	29.0	24.8	16.1

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

	Area sown					
	0 – 49 ha	50 – 99 ha	100 – 149 ha	150 – 199 ha	200 – 299 ha	300 – 399 ha
Barley for grain						
Establishments	1 466	965	649	301	392	142
Percentage of total establishments	35.6	23.4	15.7	7.3	9.5	3.4
Area (hectares)	38 008	67 481	76 385	50 095	90 674	46 881
Production (tonnes)	47 187	72 940	73 211	44 131	83 461	38 473
Percentage of total barley production	10.5	16.3	16.3	9.8	18.6	8.6
Oats for grain						
Establishments	2 765	636	180	52	51	11
Percentage of total establishments	74.8	17.2	4.9	1.4	1.4	0.3
Area (hectares)	61 205	41 944	20 201	8 406	11 288	3 448
Production (tonnes)	92 954	54 875	24 824	11 655	11 657	3 391
Percentage of total oats production	46.3	27.4	12.4	5.8	5.8	1.7
Wheat for grain						
Establishments	1 375	1 168	835	482	678	280
Percentage of total establishments	26.2	22.3	15.9	9.2	12.9	5.3
Area (hectares)	37 267	83 705	99 708	81 156	157 892	93 904
Production (tonnes)	53 955	118 505	128 940	104 244	189 931	91 964
Percentage of total wheat production	5.7	12.6	13.7	11.0	20.1	9.7

	Area sown					Total
	400 – 499 ha	500 – 999 ha	1 000 – 1 499 ha	1 500 – 1 999 ha	2 000 ha and over	
Barley for grain						
Establishments	98	96	11	1	1	4 123
Percentage of total establishments	2.4	2.3	0.3	—	—	100.0
Area (hectares)	42 023	62 838	12 745	1 620	2 000	492 251
Production (tonnes)	29 379	44 254	10 413	500	3 000	448 147
Percentage of total barley production	6.6	9.9	2.3	0.1	0.7	100.0
Oats for grain						
Establishments	3	—	—	—	—	3 698
Percentage of total establishments	0.1	—	—	—	—	100.0
Area (hectares)	1 245	—	—	—	—	147 738
Production (tonnes)	1 249	—	—	—	—	200 605
Percentage of total oats production	0.6	—	—	—	—	100.0
Wheat for grain						
Establishments	181	205	30	7	5	5 247
Percentage of total establishments	3.4	3.9	0.6	0.1	0.1	100.0
Area (hectares)	78 059	132 303	33 741	11 727	10 793	821 755
Production (tonnes)	72 345	128 180	31 526	18 512	5 698	944 199
Percentage of total wheat production	7.7	13.6	3.3	2.0	0.6	100.0

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NUMBER OF ESTABLISHMENTS GROWING CEREALS FOR GRAIN BY STATISTICAL DIVISION,
YEAR ENDED 31 MARCH 1995

	Barley	Grain sorghum	Maize	Millet	Oats	Triticale	Wheat
Melbourne	43	1	—	1	26	2	17
Barwon	168	1	1	—	146	60	67
Western District	186	6	2	1	433	152	74
Central Highlands	183	1	—	—	550	163	232
Wimmera	1 469	29	1	—	814	158	1 941
Mallee	1 340	18	1	25	350	83	1 469
Loddon-Campaspe	521	10	7	26	626	70	786
Goulburn	191	7	9	12	570	187	516
Ovens-Murray	9	2	—	6	166	33	128
East Gippsland	4	1	5	1	5	2	7
Gippsland	9	—	1	3	12	2	10
Victoria							
1995	4 123	76	27	75	3 698	912	5 247
1994	4 599	4	16	52	3 972	671	5 251
1993¹	4 193	2	17	49	4 614	547	5 148

¹ Figures have been collected on the basis of EVA0 \$22,500 and over.

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CEREAL CROP FORECAST FOR ALL PURPOSES BY STATISTICAL DIVISION, SEASON 1995-96

Statistical division	Area sown or intended to be sown in 1995-96		
	Wheat	Oats	Barley
	'000 ha	'000 ha	'000 ha
Melbourne	0.7	1.3	3.9
Barwon	2.3	7.1	9.3
Western District	3.8	18.6	6.8
Central Highlands	12.6	32.9	7.2
Wimmera	252.1	56.5	184.5
Mallee	426.3	36.6	344.5
Loddon-Campaspe	84.2	42.8	44.9
Goulburn	32.5	31.9	12.7
Ovens-Murray	10.3	9.5	1.0
East Gippsland	0.3	1.2	0.1
Gippsland	0.5	0.7	0.2
Victoria	825.6	239.1	615.1

HORTICULTURE

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NUMBER OF TREES, PRODUCTION AND YIELD¹ FOR CITRUS AND POME FRUIT BY STATISTICAL DIVISION,
YEAR ENDED 31 MARCH 1995

Statistical division	Oranges				Lemons and limes			
	Trees under 6 years	Trees 6 years and over	Production	Yield	Trees under 6 years	Trees 6 years and over	Production	Yield
	'000	'000	tonnes	kg/tree	'000	'000	tonnes	kg/tree
Melbourne	—	0.9	32.4	37.7	6.0	11.0	574.6	52.3
Barwon	—	—	—	—	0.3	—	7.0	174.3
Western District	—	—	—	—	—	—	—	—
Central Highlands	—	—	—	—	—	—	—	—
Wimmera	—	—	0.1	3.2	—	—	0.1	4.0
Mallee	212.2	1 007.9	79 125.4	78.5	3.7	37.5	4 043.0	107.8
Loddon-Campaspe	—	—	—	—	—	—	—	—
Goulburn	29.2	70.4	4 165.1	59.2	13.0	12.5	1 261.0	101.0
Ovens-Murray	—	13.5	930.5	68.7	0.2	5.9	182.7	31.0
East Gippsland	—	—	—	—	0.2	0.1	11.6	96.3
Gippsland	—	—	—	—	0.7	0.3	8.0	29.9
Victoria								
1995	241.4	1 092.7	84 253.4	77.1	24.0	67.3	6 088.0	90.4
1994	286.8	1 112.0	92 369.3	83.1	17.0	71.8	5 912.5	82.4
1993²	294.1	1 094.3	97 746.2	89.3	16.0	76.8	6 205.8	80.8

Statistical division	Mandarins				Apples			
	Trees under 6 years	Trees 6 years and over	Production	Yield	Trees under 6 years	Trees 6 years and over	Production	Yield
	'000	'000	tonnes	kg/tree	'000	'000	tonnes	kg/tree
Melbourne	0.1	0.3	11.4	38.0	250.4	424.9	27 547.3	64.8
Barwon	—	—	—	—	—	1.3	27.8	21.3
Western District	—	—	—	—	1.2	9.0	294.2	32.9
Central Highlands	—	—	—	—	11.5	71.0	5 173.2	72.9
Wimmera	—	—	—	—	0.4	1.1	43.3	40.7
Mallee	44.5	85.7	3 768.1	44.0	0.6	0.3	18.6	54.2
Loddon-Campaspe	—	—	—	—	76.3	208.1	7 783.0	37.4
Goulburn	0.1	0.5	36.5	73.0	239.2	374.2	44 936.4	120.1
Ovens-Murray	—	0.2	14.0	70.0	47.8	147.4	9 136.8	62.0
East Gippsland	—	—	—	—	6.4	2.2	40.2	18.1
Gippsland	—	—	—	—	34.3	46.5	3 970.7	85.4
Victoria								
1995	44.7	86.6	3 830.0	44.2	668.0	1 286.0	98 971.4	77.0
1994	44.3	76.8	4 643.0	60.4	654.8	1 367.8	94 656.8	69.2
1993²	36.2	71.1	4 211.4	59.2	646.8	1 226.9	109 487.8	89.2

¹ Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees 6 years and under. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

² Figures have been collected on the basis of EVAO \$22,500 and over.

Statistical division	Nashi				Pears (excluding nashi)			
	Trees under 6 years	Trees 6 years and over	Production	Yield	Trees under 6 years	Trees 6 years and over	Production	Yield
	'000	'000	tonnes	kg/tree	'000	'000	tonnes	kg/tree
Melbourne	1.7	11.6	188.1	16.3	7.3	36.2	2 989.9	82.7
Barwon	—	—	—	—	—	0.1	3.1	50.8
Western District	—	0.2	0.3	1.7	0.1	0.2	6.1	28.1
Central Highlands	0.8	6.7	76.4	11.5	1.0	3.9	341.0	86.7
Wimmera	—	—	—	—	—	0.3	11.3	45.1
Mallee	0.1	0.3	34.8	105.6	—	—	—	—
Loddon-Campaspe	0.1	—	—	—	2.3	13.2	702.7	53.2
Goulburn	10.4	370.8	5 509.2	14.9	78.7	973.1	128 653.9	132.2
Ovens-Murray	5.0	10.5	74.5	7.1	0.1	1.2	37.7	30.4
East Gippsland	—	0.2	—	1.3	—	0.1	1.7	32.6
Gippsland	3.5	0.4	26.5	65.2	0.1	0.9	38.8	43.6
Victoria								
1995	21.5	400.5	5 910.0	14.8	89.5	1 029.1	132 785.9	129.0
1994	31.2	385.3	4 800.3	12.5	107.2	1 073.7	134 167.1	125.0
1993²	253.7	207.5	5 625.5	27.1	112.1	1 004.6	140 519.9	139.9

¹ Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees 6 years and under. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

² Figures have been collected on the basis of EVAO \$22,500 and over.

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	tonnes	kg/tree	'000	'000	tonnes	kg/tree
Melbourne	0.3	3.2	95.1	30.1	24.9	52.0	1 302.7	25.1
Barwon	—	0.1	2.2	36.0	—	—	—	—
Western District	—	—	—	—	0.2	—	0.2	—
Central Highlands	0.9	3.7	137.3	37.6	2.4	1.1	33.3	29.4
Wimmera	0.2	0.4	14.0	32.4	—	—	—	—
Mallee	16.8	41.0	1 064.7	26.0	0.5	0.6	8.0	13.2
Loddon-Campaspe	0.1	0.1	3.0	25.4	1.3	0.7	6.4	9.8
Goulburn	52.7	145.6	9 292.6	63.8	50.6	44.5	590.4	13.3
Ovens-Murray	—	1.1	34.5	32.5	9.5	27.0	447.9	16.6
East Gippsland	0.1	—	0.7	—	0.1	—	1.3	—
Gippsland	—	0.1	4.7	39.1	—	0.1	0.5	10.0
Victoria								
1995	71.1	195.2	10 648.7	54.5	89.5	126.0	2 390.7	19.0
1994	101.6	197.0	5 976.3	30.3	109.9	125.8	1 943.1	15.4
1993²	107.9	155.2	10 203.5	65.8	94.1	94.4	1 525.3	16.2

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	tonnes	kg/tree	'000	'000	tonnes	kg/tree
Melbourne	24.8	19.3	508.7	26.3	52.5	53.4	1 638.6	30.7
Barwon	—	—	—	—	—	0.5	15.5	30.4
Western District	—	—	—	—	—	—	—	—
Central Highlands	1.5	2.9	52.9	18.4	1.5	2.5	74.5	30.0
Wimmera	0.6	0.9	1.9	2.2	0.5	1.2	35.0	29.5
Mallee	120.8	104.3	3 960.1	38.0	73.9	52.0	2 135.1	41.0
Loddon-Campaspe	—	—	0.1	5.3	—	0.4	0.7	1.9
Goulburn	75.4	27.9	1 602.4	57.4	394.8	404.4	30 172.9	74.6
Ovens-Murray	3.4	1.6	24.3	14.9	6.7	7.5	208.4	27.7
East Gippsland	0.1	0.4	8.7	21.7	1.0	1.4	48.0	35.6
Gippsland	2.2	19.7	15.4	0.8	1.3	1.5	25.5	17.3
Victoria								
1995	228.8	177.0	6 174.5	34.9	532.2	524.7	34 354.4	65.5
1994	193.0	143.4	6 126.1	42.7	538.5	547.2	33 875.4	61.9
1993²	160.0	144.5	5 618.4	38.9	428.5	531.3	36 787.5	69.2

¹ Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees 6 years and under. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

² Figures have been collected on the basis of EVAO \$22,500 and over.

<i>Plums and prunes</i>				
<i>Statistical division</i>	<i>Trees under</i>	<i>Trees 6 years</i>	<i>Production</i>	<i>Yield</i>
	<i>6 years</i>	<i>and over</i>		
	'000	'000	tonnes	kg/tree
Melbourne	4.2	8.6	121.9	14.2
Barwon	—	0.1	1.1	18.0
Western District	—	—	—	—
Central Highlands	0.3	1.0	23.0	22.9
Wimmera	0.2	0.4	10.4	26.0
Mallee	47.8	67.2	1 290.4	19.2
Loddon-Campaspe	0.4	0.1	2.0	21.8
Goulburn	67.2	72.2	2 832.7	39.2
Ovens-Murray	0.1	0.9	15.3	16.7
East Gippsland	0.1	—	0.3	—
Gippsland	0.7	12.9	14.8	1.1
Victoria				
1995	120.9	163.3	4 311.9	26.4
1994	123.1	138.4	4 500.5	32.5
1993²	102.0	123.9	4 235.2	34.0

¹ Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees 6 years and under. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

² Figures have been collected on the basis of EVAO \$22,500 and over.

<i>Statistical division</i>	<i>Almonds</i>				<i>Avocados</i>			
	<i>Trees under</i>	<i>Trees 6 years</i>	<i>Production</i>	<i>Yield</i>	<i>Trees under</i>	<i>Trees 6 years</i>	<i>Production</i>	<i>Yield</i>
<i>6 years</i>	<i>and over</i>	<i>6 years</i>			<i>and over</i>			
	'000	'000	tonnes	kg/tree	'000	'000	tonnes	kg/tree
Melbourne	0.1	—	0.1	—	—	—	—	—
Barwon	—	—	—	—	—	—	—	—
Western District	—	—	0.2	4.0	—	—	—	—
Central Highlands	—	—	—	—	0.1	—	—	—
Wimmera	—	2.2	0.6	0.3	—	—	—	—
Mallee	7.9	398.6	2 788.9	7.0	11.9	26.0	754.1	29.1
Loddon-Campaspe	1.7	0.9	1.8	2.0	—	—	—	—
Goulburn	0.2	0.3	0.4	1.6	—	—	—	—
Ovens-Murray	0.2	4.1	13.0	3.2	—	—	—	—
East Gippsland	—	—	—	—	0.1	—	0.6	—
Gippsland	—	—	—	—	—	—	—	—
Victoria								
1995	10.1	406.1	2 804.9	6.9	12.1	26.0	754.7	29.1
1994	21.7	396.5	2 898.0	7.3	7.4	29.9	936.3	31.3
1993²	122.3	296.1	2 410.6	8.1	7.3	27.9	1 401.8	50.2

¹ Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees 6 years and under. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

² Figures have been collected on the basis of EVAO \$22,500 and over.

Statistical division	Kiwifruit				Raspberries			
	Area not yet bearing	Area of bearing age	Production	Yield	Area not yet bearing	Area of bearing age	Production	Yield
	ha	ha	tonnes	t/ha	ha	ha	tonnes	t/ha
Melbourne	5.0	22.0	229.7	10.4	23.2	57.1	134.8	2.4
Barwon	—	0.4	0.2	0.5	—	0.5	0.2	0.3
Western District	—	—	—	—	—	—	—	—
Central Highlands	—	1.0	0.8	0.8	1.0	2.0	3.3	1.6
Wimmera	—	—	—	—	—	—	—	—
Mallee	7.0	23.4	140.4	6.0	4.0	3.0	18.0	6.0
Loddon-Campaspe	—	—	—	—	—	2.7	8.7	3.2
Goulburn	6.1	196.1	1 812.2	9.2	4.0	9.3	19.2	2.1
Ovens-Murray	—	28.7	436.0	15.2	1.4	8.3	33.2	4.0
East Gippsland	—	7.5	102.0	13.6	—	2.2	3.0	1.4
Gippsland	—	5.0	10.0	2.0	0.2	2.1	3.6	1.7
Victoria								
1995	18.1	284.1	2 731.3	9.6	33.8	87.2	224.1	2.6
1994	10.7	274.1	2 592.9	9.5	13.9	101.8	266.3	2.6
1993 ¹	8.8	232.2	2 317.0	10.0	17.4	96.7	340.6	3.5

Statistical division	Strawberries			
	Area not yet bearing	Area of bearing age	Production	Yield
	ha	ha	tonnes	t/ha
Melbourne	31.4	167.0	2 464.6	14.8
Barwon	1.0	1.2	15.0	12.5
Western District	—	0.6	8.0	13.3
Central Highlands	0.3	1.1	13.0	11.8
Wimmera	—	—	—	—
Mallee	2.0	2.2	28.4	12.9
Loddon-Campaspe	—	—	—	—
Goulburn	18.3	28.1	341.2	12.1
Ovens-Murray	3.4	5.5	23.0	4.2
East Gippsland	—	2.0	25.8	12.9
Gippsland	—	0.8	2.0	2.5
Victoria				
1995	56.4	208.5	2 921.1	14.0
1994	82.3	247.5	3 144.6	12.7
1993 ¹	59.9	204.9	2 333.3	11.4

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

23

GROSS VALUE OF CITRUS, POME AND OTHER FRUIT, YEARS ENDED 31 MARCH 1993 TO 1995p

	1993 ¹	1994	1995p
	\$m	\$m	\$m
Apples	104.6	91.3	112.2
Apricots	6.8	5.0	6.1
Avocados	3.0	2.0	2.3
Cherries	5.2	7.8	9.5
Grapefruit	2.2	1.2	n.c.
Grapes	155.7	175.6	189.3
Lemons and limes	2.7	3.7	3.7
Mandarins	5.0	8.0	5.7
Nectarines	11.0	11.3	13.2
Oranges	46.2	51.0	39.7
Peaches	21.6	24.7	22.8
Pears	83.2	74.2	53.7
Plums and prunes	6.0	6.4	7.3
Strawberries	8.6	11.8	12.1
Other, including nuts	37.6	46.1	43.7
Total	499.4	520.1	521.3

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

24

AREA OF VINES AND PRODUCTION OF GRAPES¹ BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1995

Statistical division	Area of vines at harvest			Grape production			
	Not yet bearing (planted or grafted)			Wine- making	Drying	Table and other	Total
	Planted or grafted prior to collection year	During collection year	Bearing				
	ha	ha	ha	tonnes	tonnes	tonnes	tonnes
Melbourne	112.3	108.1	606.4	4 617.6	310.6	1.7	4 690.3
Barwon	27.6	7.8	93.6	476.1	—	—	476.1
Western District	11.9	3.8	104.5	485.7	93.3	—	506
Central Highlands	35.8	48	331.3	1 752.8	—	—	1 752.8
Wimmera	1.7	1.2	53.3	234.3	—	7.1	241.4
Mallee	680.4	1 040.3	15 796.6	113 253.5	112 406.0	26 617.7	164 587.7
Loddon-Campaspe	28.8	28.3	239.7	821.9	166.8	—	858.4
Goulburn	87.2	150.6	740.7	5 334.1	4.6	213.7	5 548.8
Ovens-Murray	85.3	120.2	902.0	9 903.8	—	—	9 903.8
East Gippsland	4.1	—	33.2	82.6	—	—	82.6
Gippsland	18.7	0.7	87.3	650.7	—	0.2	650.9
Victoria							
1995	1 093.8	1 509.0	18 988.6	137 613.1	112 981.3	26 840.4	277 434.8
1994	732.3	778.8	19 535.4	167 082.9	164 058.2	28 091.6	359 232.7
1993²	553.9	460.2	19 048.9	118 452.0	158 706.1	337 42.3	310 900.4

¹ Varietal information is available in *Australian Wine and Grape Industry* (1329.0)

² Figures have been collected on the basis of EVAO \$22,500 and over.

	Units	1993 ¹	1994	1995
Asparagus²				
Area	ha	957.3	1 175.1	1 174.1
Production	t	3 596.6	4 618.5	3 112.8
Beans — French and runner				
Area	ha	591.8	504.0	654.7
Production	t	2 768.7	2 187.6	2 574.9
Yield	t/ha	4.7	4.3	3.9
Beetroot				
Area	ha	42.0	72.1	74.5
Production	t	574.5	803.2	879.1
Yield	t/ha	13.7	11.1	11.8
Broccoli				
Area	ha	2 829.4	2 954.6	2 922.7
Production	t	16 638.8	15 701.2	14 582.7
Yield	t/ha	5.9	5.3	5.0
Brussel sprouts				
Area	ha	116.6	142.0	114.8
Production	t	2 273.0	2 194.6	2 183.7
Yield	t/ha	19.5	15.5	19.0
Cabbages				
Area	ha	736.5	725.6	749.9
Production	t	27 615.5	26 547.5	27 875.2
Yield	t/ha	37.5	36.6	37.2
Capsicum, chillies and peppers				
Area	ha	166.1	195.6	204.7
Production	t	2 996.6	2 678.7	3 106.3
Yield	t/ha	18.0	13.7	15.2
Carrots				
Area	ha	1 537.4	1 937.8	2 252.9
Production	t	49 147.8	66 459.8	74 637.1
Yield	t/ha	32.0	34.2	33.1
Cauliflower				
Area	ha	1 300.4	1 280.3	1 264.2
Production	t	28 620.3	28 573.1	19 637.7
Yield	t/ha	22.0	22.3	15.5
Celery				
Area	ha	462.2	413.8	380.0
Production	t	18 731.9	16 931.3	17 257.0
Yield	t/ha	40.5	40.9	45.4
Chinese cabbage				
Area	ha	65.3	127.5	91.5
Production	t	1 176.9	1 885.0	1 249.1
Yield	t/ha	18.0	14.8	13.7
Cucumbers				
Area	ha	41.1	28.6	40.3
Production	t	843.4	577.1	1 124.4
Yield	t/ha	20.5	20.2	27.9
Green peas (pod weight)				
Area	ha	300.9	281.3	292.8
Production	t	1 377.9	891.1	698.8
Yield	t/ha	4.6	3.2	2.4
Leeks				
Area	ha	99.8	144.1	122.2
Production	t	1 357.7	2 152.3	1 704.0
Yield	t/ha	13.6	14.9	13.9
Lettuces				
Area	ha	1 431.7	1 632.4	1 638.5
Production	t	33 912.2	35 040.7	34 155.0
Yield	t/ha	23.7	21.5	20.8
Marrows and Squashes				
Area	ha	22.4	24.1	19.7
Production	t	82.7	97.9	115.4
Yield	t/ha	3.7	4.1	5.9

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

² Asparagus is a perennial crop and as such yield cannot be calculated meaningfully.

	Units	1993 ¹	1994	1995
Melons — water				
Area	ha	26.5	39.8	30.2
Production	t	594.5	556.8	504.9
Yield	t/ha	22.4	14.0	16.7
Melons — rock and cantaloupe				
Area	ha	209.1	254.6	256.1
Production	t	4 091.5	5 175.9	6 060.5
Yield	t/ha	19.6	20.3	23.7
Mushrooms				
Area	ha	43.2	61.7	69.7
Production	t	11 503.9	21 497.8	13 545.0
Yield	t/ha	266.3	348.4	194.3
Onions — white and brown				
Area	ha	342.0	544.6	511.5
Production	t	9 589.6	16 199.9	15 427.1
Yield	t/ha	28.0	29.7	30.2
Parsley				
Area	ha	83.0	89.3	78.2
Production	t	463.5	480.5	464.7
Yield	t/ha	5.6	5.4	5.9
Parsnips				
Area	ha	174.6	196.7	237.8
Production	t	3 159.4	3 387.7	3 843.2
Yield	t/ha	18.1	17.2	16.2
Potatoes				
Area	ha	11 954.7	12 004.5	10 135.3
Production	t	309 191.6	322 147.1	279 876.1
Yield	t/ha	25.9	26.8	27.6
Pumpkins				
Area	ha	385.6	379.1	393.7
Production	t	5 414.0	5 975.2	6 271.1
Yield	t/ha	14.0	15.8	15.9
Spring Onions				
Area	ha	148.6	181.4	199.0
Production	t	907.2	1 000.0	768.9
Yield	t/ha	6.1	5.5	3.9
Swedes				
Area	ha	11.4	10.2	18.6
Production	t	190.0	175.0	348.0
Yield	t/ha	16.7	17.2	18.7
Sweet corn				
Area	ha	485.6	550.6	600.1
Production	t	5 486.0	5 334.6	7 391.8
Yield	t/ha	11.3	9.7	12.3
Tomatoes				
Area	ha	2 579.5	2 740.3	2 811.7
Production	t	94 389.5	120 395.7	139 540.9
Yield	t/ha	36.6	43.9	49.6
Zucchini				
Area	ha	94.8	110.3	117.8
Production	t	721.1	745.9	666.5
Yield	t/ha	7.6	6.8	5.7

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

	Units	Melbourne	Barwon	Western District	Central- Highlands	Wimmera	Mallee
Asparagus¹							
Area	ha	800.1	—	—	12.0	—	153.0
Production	t	2 345.5	—	—	30.0	—	328.6
Beans — French and runner							
Area	ha	24.5	0.1	—	21.0	—	17.6
Production	t	84.9	0.4	—	0.7	—	124.9
Yield	t/ha	3.5	4.0	—	—	—	7.1
Beetroot							
Area	ha	73.9	—	—	—	—	0.1
Production	t	873.9	—	—	—	—	1.2
Yield	t/ha	11.8	—	—	—	—	12.0
Broccoli							
Area	ha	1 277.1	91.2	12.4	16.1	—	167.5
Production	t	8 909.0	445.6	33.4	51.3	—	672.9
Yield	t/ha	7.0	4.9	2.7	3.2	—	4.0
Brussel sprouts							
Area	ha	112.8	—	—	—	—	—
Production	t	2 173.7	—	—	—	—	—
Yield	t/ha	19.3	—	—	—	—	—
Cabbages							
Area	ha	411.6	23.7	0.5	28.5	—	7.4
Production	t	13 989.0	695.0	3.0	1 129.0	—	40.1
Yield	t/ha	34.0	29.3	6.0	39.6	—	5.4
Capsicum, chillies and peppers							
Area	ha	42.3	—	—	—	0.1	16.1
Production	t	431.8	—	—	—	0.3	202.6
Yield	t/ha	10.2	—	—	—	3.0	12.6
Carrots							
Area	ha	969.5	2.4	55.0	123.2	0.1	715.2
Production	t	30 838.3	62.6	1 801.0	4 907.0	1.8	24 131.6
Yield	t/ha	31.8	26.1	32.7	39.8	18.0	33.7
Cauliflower							
Area	ha	1 004.8	31.2	2.0	3.7	—	9.3
Production	t	16 666.2	250.0	13.0	26.0	—	56.0
Yield	t/ha	16.6	8.0	6.5	7.0	—	6.0
Celery							
Area	ha	379.5	0.5	—	—	—	—
Production	t	17 239.0	17.9	—	—	—	—
Yield	t/ha	45.4	35.8	—	—	—	—
Chinese Cabbage							
Area	ha	66.5	—	—	3.0	—	6.5
Production	t	956.2	—	—	2.5	—	93.0
Yield	t/ha	14.4	—	—	0.8	—	14.3
Cucumber							
Area	ha	11.9	—	—	—	—	6.4
Production	t	105.6	—	—	—	—	53.8
Yield	t/ha	8.9	—	—	—	—	8.4
Green peas (pod weight)							
Area	ha	6.7	64.8	—	1.0	—	5.5
Production	t	8.5	123.5	—	0.7	—	6.3
Yield	t/ha	1.3	1.9	—	0.7	—	1.1
Leeks							
Area	ha	113.0	—	—	—	—	—
Production	t	1 596.0	—	—	—	—	—
Yield	t/ha	14.1	—	—	—	—	—
Lettuces							
Area	ha	1 376.4	38.5	—	53.8	—	85.3
Production	t	29 672.2	353.0	—	1 396.8	—	1 923.0
Yield	t/ha	21.6	9.2	—	26.0	—	22.5

¹ Asparagus is a perennial crop and as such yield cannot be calculated meaningfully.

	Units	Loddon- Campaspe	Goulburn	Ovens- Murray	East Gippsland	Gippsland
Asparagus¹						
Area	ha	24.4	24.0	21.0	99.6	40.0
Production	t	21.0	—	33.0	314.7	40.0
Beans — French and runner						
Area	ha	2.0	3.0	—	575.5	11.0
Production	t	11.3	12.4	—	2 286.4	53.9
Yield	t/ha	5.7	4.1	—	4.0	4.9
Beetroot						
Area	ha	0.5	—	—	—	—
Production	t	4.0	—	—	—	—
Yield	t/ha	8.0	—	—	—	—
Broccoli						
Area	ha	0.2	6.0	4.8	1 289.0	58.4
Production	t	2.0	20.0	12.0	4 164.6	272.0
Yield	t/ha	10.0	3.3	2.5	3.2	4.7
Brussel sprouts						
Area	ha	—	—	—	2.0	—
Production	t	—	—	—	10.0	—
Yield	t/ha	—	—	—	5.0	—
Cabbages						
Area	ha	2.5	—	0.5	173.0	102.2
Production	t	16.0	—	20.0	6 600.1	5 383.0
Yield	t/ha	6.4	—	40.0	38.2	52.7
Capsicum, chillies and peppers						
Area	ha	9.0	37.4	7.2	90.9	1.7
Production	t	175.0	617.4	214.4	1 448.8	15.9
Yield	t/ha	19.4	16.5	29.8	15.9	9.4
Carrots						
Area	ha	10.0	17.1	—	17.2	343.2
Production	t	276.0	514.0	—	685.8	11 419.0
Yield	t/ha	27.6	30.1	—	39.9	33.3
Cauliflower						
Area	ha	12.0	—	13.7	176.6	10.9
Production	t	200.0	—	151.0	2 200.5	75.0
Yield	t/ha	16.7	—	11.0	12.5	6.9
Celery						
Area	ha	—	—	—	—	—
Production	t	—	—	—	—	—
Yield	t/ha	—	—	—	—	—
Chinese Cabbage						
Area	ha	3.0	—	10.0	—	2.5
Production	t	36.0	—	160.0	—	1.4
Yield	t/ha	12.0	—	16.0	—	0.6
Cucumber						
Area	ha	—	—	—	22.0	—
Production	t	—	—	—	965.0	—
Yield	t/ha	—	—	—	43.9	—
Green peas (pod weight)						
Area	ha	—	7.3	—	50.7	156.8
Production	t	—	9.3	—	307.1	243.3
Yield	t/ha	—	1.3	—	6.1	1.6
Leeks						
Area	ha	3.0	0.2	0.5	5.5	—
Production	t	20.0	3.0	2.0	83.0	—
Yield	t/ha	6.7	15.0	4.0	15.1	—
Lettuces						
Area	ha	13.5	—	—	71.0	—
Production	t	203.0	—	—	607.0	—
Yield	t/ha	15.0	—	—	8.5	—

¹ Asparagus is a perennial crop and as such yield cannot be calculated meaningfully.

	Units	Melbourne	Barwon	Western District	Central Highlands	Wimmera	Mallee
Marrows							
Area	ha	2.2	—	—	—	—	6.0
Production	t	22.8	—	—	—	—	28.5
Yield	t/ha	10.4	—	—	—	—	4.8
Melons — water							
Area	ha	—	—	—	—	0.2	29.4
Production	t	—	—	—	—	1.0	493.8
Yield	t/ha	—	—	—	—	5.0	16.8
Melons — rock and cantaloupe							
Area	ha	—	—	—	—	—	255.9
Production	t	—	—	—	—	—	6 056.5
Yield	t/ha	—	—	—	—	—	23.7
Mushrooms							
Area	ha	65.4	0.1	—	—	0.1	4.0
Production	t	12 625.8	30.0	—	—	—	782.8
Yield	t/ha	193.1	300.0	—	—	—	195.7
Onions — white and brown							
Area	ha	222.0	28.9	54.6	94.0	0.3	34.8
Production	t	6 824.5	844.0	1 340.8	2 882.0	5.3	855.2
Yield	t/ha	30.7	29.2	24.6	30.7	17.7	24.6
Parsley							
Area	ha	77.0	—	—	—	—	—
Production	t	458.2	—	—	—	—	—
Yield	t/ha	6.0	—	—	—	—	—
Parsnips							
Area	ha	236.8	—	—	—	—	1.0
Production	t	3 823.2	—	—	—	—	20.0
Yield	t/ha	16.1	—	—	—	—	20.0
Potatoes							
Area	ha	2 108.6	1 154.8	534.1	2 691.8	120.0	261.0
Production	t	53 977.9	21 893.1	13 951.0	91 079.5	6 000.0	2 820.0
Yield	t/ha	25.6	19.0	26.1	33.8	50.0	10.8
Pumpkins							
Area	ha	113.7	11.2	1.8	31.5	0.4	180.4
Production	t	1 790.1	125.6	43.0	310.0	5.5	3 173.2
Yield	t/ha	15.7	11.2	23.9	9.8	13.8	17.6
Spring onions							
Area	ha	193.4	—	—	—	—	2.4
Production	t	759.1	—	—	—	—	—
Yield	t/ha	3.9	—	—	—	—	—
Swedes							
Area	ha	17.1	—	—	—	—	—
Production	t	343.0	—	—	—	—	—
Yield	t/ha	20.1	—	—	—	—	—
Sweet corn							
Area	ha	166.8	0.4	—	2.5	—	38.1
Production	t	1 353.6	3.0	—	29.5	—	550.0
Yield	t/ha	8.1	7.5	—	11.8	—	14.4
Tomatoes							
Area	ha	11.7	3.4	—	—	0.9	55.3
Production	t	418.8	47.4	—	—	11.4	1 761.1
Yield	t/ha	35.8	13.9	—	—	12.7	31.8
Zucchini							
Area	ha	35.0	0.8	—	2.0	0.1	34.8
Production	t	196.1	4.0	—	1.0	0.5	197.0
Yield	t/ha	5.6	5.0	—	0.5	5.0	5.7

	Units	Loddon- Campaspe	Goulburn	Ovens- Murray	East Gippsland	Gippsland
Marrows						
Area	ha	—	9.0	—	2.5	—
Production	t	—	50.0	—	14.1	—
Yield	t/ha	—	5.6	—	5.6	—
Melons — water						
Area	ha	0.1	—	0.5	—	—
Production	t	0.1	—	10.0	—	—
Yield	t/ha	1.0	—	20.0	—	—
Melons — rock and cantaloupe						
Area	ha	—	—	0.2	—	—
Production	t	—	—	4.0	—	—
Yield	t/ha	—	—	20.0	—	—
Mushrooms						
Area	ha	0.1	—	—	—	—
Production	t	106.4	—	—	—	—
Yield	t/ha	1 064.0	—	—	—	—
Onions — white and brown						
Area	ha	2.0	2.5	—	3.0	69.4
Production	t	52.0	47.0	—	103.9	2 472.4
Yield	t/ha	26.0	18.8	—	34.6	35.6
Parsley						
Area	ha	1.0	—	—	0.2	—
Production	t	5.4	—	—	1.1	—
Yield	t/ha	5.4	—	—	5.5	—
Parsnips						
Area	ha	—	—	—	—	—
Production	t	—	—	—	—	—
Yield	t/ha	—	—	—	—	—
Potatoes						
Area	ha	90.8	376.6	10.0	52.6	2 735.0
Production	t	2 108.0	8 373.9	185.0	1 222.0	78 265.7
Yield	t/ha	23.2	22.2	18.5	23.2	28.6
Pumpkins						
Area	ha	0.5	6.1	22.0	15.5	10.6
Production	t	2.0	56.8	510.0	103.0	151.9
Yield	t/ha	4.0	9.3	23.2	6.6	14.3
Spring onions						
Area	ha	3.0	—	—	0.2	—
Production	t	9.2	—	—	0.6	—
Yield	t/ha	3.1	—	—	3.0	—
Swedes						
Area	ha	—	0.5	—	—	1.0
Production	t	—	5.0	—	—	—
Yield	t/ha	—	10.0	—	—	—
Sweet corn						
Area	ha	11.0	2.0	13.5	324.8	41.0
Production	t	160.8	7.0	93.3	4 714.5	480.1
Yield	t/ha	14.6	3.5	6.9	14.5	11.7
Tomatoes						
Area	ha	1 249.4	1 470.3	4.3	15.6	0.8
Production	t	63 940.0	72 922.0	184.1	227.3	28.8
Yield	t/ha	51.2	49.6	42.8	14.6	36.0
Zucchini						
Area	ha	—	41.9	0.6	2.4	0.2
Production	t	—	247.7	8.7	11.5	—
Yield	t/ha	—	5.9	14.5	4.8	—

27

GROSS VALUE OF VEGETABLES FOR HUMAN CONSUMPTION, YEARS ENDED 31 MARCH 1993 TO 1995p

	1993 ¹	1994	1995p
	\$m	\$m	\$m
Asparagus	18.2	26.4	26.3
Beans — French and runner	3.1	3.4	5.2
Beetroot	0.5	0.6	0.6
Broccoli	25.1	24.9	23.8
Cabbages and brussel sprouts	11.0	10.2	13.7
Capsicum, chillies and peppers	3.2	3.3	3.8
Carrots	25.5	34.4	39.4
Cauliflower	10.8	12.4	10.5
Celery	12.4	10.6	6.7
Cucumbers	0.8	0.6	0.9
Green peas (pod weight)	1.0	1.0	1.7
Leeks	3.6	6.6	5.3
Lettuces	16.1	16.3	22.8
Melons — water	0.2	0.2	0.1
Melons — rock and cantaloupe	3.0	4.4	6.1
Mushrooms	51.6	94.2	101.9
Onions — white and brown	7.0	8.6	5.8
Parsley	0.8	0.9	0.9
Parsnips	3.9	4.2	4.7
Potatoes	79.8	104.4	113.7
Pumpkins	1.9	1.9	2.5
Swedes	0.1	0.1	0.2
Sweet corn	4.6	5.1	7.3
Tomatoes	22.9	27.3	30.6
Zucchini	0.7	0.9	0.6
Other vegetables	8.4	10.3	10.9
Total	316.2	413.2	446.0

¹ Figures have been collected on the basis of EVAO \$22,500 and over.

28

AREA OF NURSERIES, CUT FLOWERS AND CULTIVATED TURF BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1995

	Nurseries	Cut flowers	Cultivated turf	Total
Statistical division	ha	ha	ha	ha
Melbourne	757.7	894.2	162.1	1 814.0
Barwon	50.8	214.2	—	265.0
Western District	29.0	36.6	—	65.6
Central Highlands	28.0	22.7	16.0	66.7
Wimmera	2.2	419.5	3.0	424.7
Mallee	107.6	25.6	5.6	138.8
Loddon-Campaspe	26.2	12.4	—	38.6
Goulburn	36.7	49.8	69.0	155.5
Ovens-Murray	33.0	7.1	5.0	45.1
East Gippsland	24.3	41.9	—	66.2
Gippsland	57.6	187.3	—	244.9
Victoria	1 153.1	1 911.3	260.7	3 325.1

LIVESTOCK AND LIVESTOCK PRODUCTS

29

MEAT CATTLE NUMBERS BY STATISTICAL DIVISION, AT 31 MARCH 1995

Statistical division	<i>Bulls and bull calves intended for service</i>	<i>Cows and heifers one year and over</i>	<i>Heifer 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	%
Melbourne	4.7	73.3	44.2	35.2	157.4	5.9
Barwon	3.4	65.6	36.7	21.4	127.1	4.8
Western District	17.1	293.5	155.0	114.6	580.1	21.8
Central Highlands	2.5	55.7	33.2	25.6	117.0	4.4
Wimmera	1.5	24.5	16.8	8.8	51.5	1.9
Mallee	1.6	29.3	23.4	13.5	67.9	2.5
Loddon-Campaspe	5.5	70.4	50.7	56.4	183.0	6.9
Goulburn	11.2	172.1	111.3	67.9	362.5	13.6
Ovens-Murray	7.4	145.9	94.8	75.9	324.0	12.2
East Gippsland	6.1	115.3	67.9	33.5	222.8	8.4
Gippsland	11.3	185.1	127.1	146.2	469.7	17.6
Victoria						
1995	72.3	1 230.7	761.1	598.9	2 663.0	100.0
1994	68.2	1 324.5	711.0	500.3	2 604.0	100.0

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NUMBER OF ESTABLISHMENTS WITH MEAT CATTLE BY STATISTICAL DIVISION, AT 31 MARCH 1995

Statistical division	<i>Bulls and bull calves intended for service</i>	<i>Cows and heifers one year and over</i>	<i>Heifer 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 total meat cattle establishments</i>
	no.	no.	no.	no.	no.	%
Melbourne	933	1 113	933	822	1 409	6.8
Barwon	788	872	788	589	1 068	5.2
Western District	2 625	2 779	2 625	2 184	3 346	16.2
Central Highlands	782	947	782	657	1 070	5.2
Wimmera	487	614	487	384	679	3.3
Mallee	560	641	560	475	786	3.8
Loddon-Campaspe	1 248	1 381	1 248	1 044	1 762	8.5
Goulburn	2 450	2 538	2 450	1 945	3 320	16.1
Ovens-Murray	1 536	1 642	1 536	1 259	1 978	9.6
East Gippsland	1 026	1 113	1 026	828	1 300	6.3
Gippsland	2 457	2 526	2 457	2 283	3 374	16.3
Victoria						
1995	14 892	16 166	15 773	12 470	20 642	100.0
1994	15 212	15 848	14 998	10 260	20 445	100.0

Herd size	1994		1995	
	Establishments	Percentage of meat cattle establishments	Establishments	Percentage of meat cattle establishments
	no.	%	no.	%
1-29	5 679	27.8	5 142	24.9
30-49	2 607	12.8	2 935	14.2
50-69	2 177	10.6	2 390	11.6
70-99	2 357	11.5	2 444	11.8
100-49	2 557	12.5	2 607	12.6
150-199	1 525	7.5	1 490	7.2
200-299	1 558	7.6	1 632	7.9
300-399	772	3.8	783	3.8
400-499	449	2.2	431	2.1
500-699	401	2.0	404	2.0
700-999	227	1.1	233	1.1
1,000-1,499	81	0.4	99	0.5
1,500-1,999	28	0.1	24	0.1
2,000-4,999	22	0.1	22	0.1
5,000-9,999	2	0.0	3	0.0
10,000 and over	3	0.0	3	0.0
Total	20 445	100.0	20 642	100.0

Herd size	1994		1995	
	Meat cattle	Percentage of total meat cattle	Meat cattle	Percentage of total meat cattle
	'000	%	'000	%
1-29	67.5	2.6	68.4	2.6
30-49	101.8	3.9	114.2	4.3
50-69	127.9	4.9	140.2	5.3
70-99	196.7	7.6	203.2	7.6
100-149	310.5	11.9	315.8	11.9
150-199	261.6	10.0	256.2	9.6
200-299	376.5	14.5	393.1	14.8
300-399	264.9	10.2	267.7	10.1
400-499	198.5	7.6	191.3	7.2
500-699	234.5	9.0	234.8	8.8
700-999	188.6	7.2	192.5	7.2
1,000-1,499	96.3	3.7	118.8	4.5
1,500-1,999	47.7	1.8	40.9	1.5
2,000-4,999	65.7	2.5	61.3	2.3
5,000-9,999	11.6	0.4	17.1	0.6
10,000 and over	53.8	2.1	47.3	1.8
Total	2 604.0	100.0	2 663.0	100.0

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MILK CATTLE NUMBERS BY STATISTICAL DIVISION, AT 31 MARCH 1995

Statistical division	Cows in milk and dry	Other milk cattle	Total milk cattle ¹	Percentage of total milk cattle herd
	'000	'000	'000	%
Melbourne	28.3	15.5	43.7	2.7
Barwon	78.2	34.9	113.1	7.0
Western District	249.4	106.5	355.9	21.9
Central Highlands	5.8	3.9	9.7	0.6
Wimmera	1.4	0.7	2.1	0.1
Mallee	27.9	15.6	43.5	2.7
Loddon-Campaspe	105.1	50.6	155.7	9.6
Goulburn	239.2	109.9	349.1	21.5
Ovens-Murray	42.2	20.3	62.5	3.9
East Gippsland	59.4	23.9	83.3	5.1
Gippsland	276.3	126.8	403.1	24.9
Victoria				
1995	1 113.1	508.6	1 621.7	100.0
1994	1 084.9	499.8	1 584.7	100.0

¹ Excludes house cows and heifers.

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NUMBER OF ESTABLISHMENTS¹ WITH MILK CATTLE BY TYPE BY STATISTICAL DIVISION, AT 31 MARCH 1995

Statistical division	Cows in milk and dry	Other milk cattle	Total establishments with milk cattle
	Melbourne	255	256
Barwon	535	515	572
Western District	1 556	1 511	1 659
Central Highlands	73	67	87
Wimmera	32	26	41
Mallee	199	196	225
Loddon-Campaspe	758	752	820
Goulburn	1 708	1 714	1 853
Ovens-Murray	366	351	400
East Gippsland	336	334	366
Gippsland	1 934	1 899	2 057
Victoria			
1995	7 752	7 621	8 367
1994	7 917	8 359	8 751

¹ Excludes establishments with house cows and heifers only.

Herd size	1994		1995	
	Establishments	Percentage of milk cattle establishments	Establishments	Percentage of milk cattle establishments
	no.	%	no.	%
1-49	959	11.0	750	9.0
50-99	1 097	12.5	1 048	12.5
100-149	1 806	20.6	1 693	20.2
150-199	1 880	21.5	1 697	20.3
200-249	1 216	13.9	1 160	13.9
250-299	702	8.0	723	8.7
300-349	386	4.4	457	5.5
350-399	214	2.4	248	3.0
400-499	275	3.1	292	3.5
500 and over	216	2.5	299	3.6
Total	8 751	100.0	8 367	100.0

Herd size	1994		1995	
	Milk cattle	Percentage of total milk cattle	Milk cattle	Percentage of total milk cattle
	'000	%	'000	%
1-49	18.3	1.2	18.6	1.1
50-99	83.1	5.2	78.7	4.9
100-149	226.9	14.3	211.5	13.0
150-199	324.4	20.5	292.8	18.1
200-249	269.5	17.0	256.9	15.8
250-299	190.9	12.0	195.4	12.1
300-349	123.3	7.8	145.6	9.0
350-399	79.6	5.0	91.6	5.6
400-499	121.1	7.6	128.7	7.9
500 and over	147.6	9.3	201.8	12.4
Total	1 584.7	100.0	1 621.7	100.0

¹ Excludes establishments with house cows and heifers only.

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NUMBER OF SHEEP AND LAMBS BY STATISTICAL DIVISION, AT 31 MARCH 1995

Statistical division	Sheep ¹ (1 year and over)	Lambs and hoggets (under 1 year)	Total sheep and lambs	Percentage of total sheep flock
	'000	'000	'000	%
Melbourne	145.2	39.6	184.7	0.9
Barwon	932.8	267.9	1 200.7	5.6
Western District	5 036.0	1 515.4	6 551.3	30.7
Central Highlands	2 712.1	685.1	3 397.2	15.9
Wimmera	2 533.9	675.9	3 209.9	15.0
Mallee	801.5	247.1	1 048.6	4.9
Loddon-Campaspe	1 675.8	484.0	2 159.8	10.1
Goulburn	1 495.3	401.6	1 897.0	8.9
Ovens-Murray	328.8	81.5	410.3	1.9
East Gippsland	562.6	166.0	728.6	3.4
Gippsland	431.2	141.4	572.6	2.7
Victoria				
1995	18 655.2	4 705.6	21 360.8	100.0
1994	18 307.4	5 131.3	23 438.7	100.0

¹ Sheep 1 year and over include rams, ewes and wethers.

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NUMBER OF ESTABLISHMENTS WITH SHEEP AND LAMBS BY STATISTICAL DIVISION, AT 31 MARCH 1995

Statistical division	Sheep ¹ (1 year and over)	Lambs and hoggets (under 1 year)	Total establishments with sheep and lambs
Melbourne	272	167	285
Barwon	737	583	765
Western District	2 541	2 256	2 623
Central Highlands	1 499	1 240	1 556
Wimmera	2 220	1 651	2 323
Mallee	1 256	1 012	1 351
Loddon-Campaspe	1 755	1 308	1 808
Goulburn	1 766	1 302	1 859
Ovens-Murray	601	451	631
East Gippsland	510	433	538
Gippsland	661	497	703
Victoria			
1995	13 818	10 900	14 442
1994	14 882	11 744	15 298

¹ Sheep 1 year and over include rams, ewes and wethers.

Flock size	1994		1995	
	Establishments	Percentage of sheep and lamb establishments	Establishments	Percentage of sheep and lamb establishments
	no.	%	no.	%
1-499	4 764	31.1	5 115	35.4
500-999	3 223	21.1	2 918	20.2
1,000-1,499	2 161	14.1	1 772	12.3
1,500-1,999	1 397	9.1	1 214	8.4
2,000-2,499	981	6.4	854	5.9
2,500-2,999	694	4.5	634	4.4
3,000-3,999	892	5.8	814	5.6
4,000-4,999	429	2.8	400	2.8
5,000-5,999	271	1.8	244	1.7
6,000-6,999	164	1.1	140	1.0
7,000-7,999	87	0.6	91	0.6
8,000-8,999	63	0.4	66	0.5
9,000-9,999	29	0.2	37	0.3
10,000 and over	143	0.9	143	1.0
Total	15 298	100.0	14 442	100.0

Flock size	1994		1995	
	Sheep and lambs	Percentage of total sheep and lambs	Sheep and lambs	Percentage of total sheep and lambs
	no.	%	no.	%
1-499	1 070.8	4.6	1 113.8	5.2
500-999	2 343.1	10.0	2 096.0	9.8
1,000-1,499	2 636.1	11.2	2 153.3	10.1
1,500-1,999	2 414.5	10.3	2 076.6	9.7
2,000-2,499	2 177.8	9.3	1 885.7	8.8
2,500-2,999	1 890.8	8.1	1 722.3	8.1
3,000-3,999	3 049.0	13.0	2 765.0	12.9
4,000-4,999	1 898.7	8.1	1 772.3	8.3
5,000-5,999	1 475.9	6.3	1 314.6	6.2
6,000-6,999	1 052.7	4.5	900.0	4.2
7,000-7,999	648.5	2.8	674.2	3.2
8,000-8,999	527.9	2.3	555.3	2.6
9,000-9,999	274.7	1.2	347.7	1.6
10,000 and over	1 978.2	8.4	1 984.0	9.3
Total	23 438.7	100.0	21 360.8	100.0

38

LAMBING BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1995

Statistical division	Ewes mated ¹ '000	Lambs marked '000	Lamb marking ratio ² %	Lambing expectations year ended 31 March 1996 ³		
				Joined to merino rams	Joined to other rams	Total
				'000	'000	'000
Melbourne	74.9	62.3	83.2	26.5	41.5	68.0
Barwon	467.2	358.8	76.8	305.5	154.9	460.4
Western District	2 678.5	2 195.4	82.0	1 530.9	1 193.9	2 724.8
Central Highlands	1 165.9	868.3	74.5	831.8	316.9	1 148.7
Wimmera	1 283.4	980.1	76.4	827.6	420.9	1 248.5
Mallee	661.8	561.0	84.8	148.1	408.1	556.2
Loddon-Campaspe	1 005.5	839.0	83.4	506.6	406.1	912.7
Goulburn	923.1	777.6	84.2	342.4	493.6	835.9
Ovens-Murray	214.2	178.6	83.4	59.7	137.1	196.8
East Gippsland	262.3	211.8	80.7	176.7	77.4	254.1
Gippsland	292.3	285.6	97.7	76.8	194.0	270.9
Victoria						
1995	9 029.3	7 318.4	81.1	4 832.6	3 844.4	8 677.0
1994	9 324.6	7 549.5	81.0	4 987.3	4 774.1	9 761.4

¹ Ewes mated to produce lambs marked in the season shown.

² Lambs marked as a proportion of ewes mated to produce lambs.

³ Forecast made at the end of the 1994-95 season.

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PIG NUMBERS¹ AND NUMBER OF ESTABLISHMENTS BY STATISTICAL DIVISION, AT 31 MARCH 1995

Statistical division	Total establishments	Total pigs	Percentage of total pigs
	no.	'000	%
Melbourne	25	21.7	4.9
Barwon	23	5.7	1.3
Western District	66	21.2	4.8
Central Highlands	21	21.8	5.0
Wimmera	128	35.0	8.0
Mallee	131	47.2	10.8
Loddon-Campaspe	155	189.6	43.2
Goulburn	107	64.6	14.7
Ovens-Murray	45	13.1	3.0
East Gippsland	15	1.9	0.4
Gippsland	32	16.9	3.9
Victoria			
1995	748	438.6	100.0
1994	851	459.7	100.0

¹ Includes suckers, weaners, growers etc.

Herd size	1994		1995	
	Establishments	Percentage of pig establishments	Establishments	Percentage of pig establishments
	no.	%	no.	%
1-9	188	22.1	144	19.3
10-19	74	8.7	70	9.4
20-29	59	6.9	26	3.5
30-39	26	3.1	37	4.9
40-49	30	3.5	24	3.2
50-69	52	6.1	40	5.3
70-99	39	4.6	34	4.5
100-49	50	5.9	45	6.0
150-199	40	4.7	39	5.2
200-299	55	6.5	65	8.7
300-499	62	7.3	55	7.4
500-699	44	5.2	42	5.6
700-999	41	4.8	39	5.2
1,000 and over	91	10.7	88	11.8
Total	851	100.0	748	100.0

Herd size	1994		1995	
	Pigs	Percentage of total pigs	Pigs	Percentage of total pigs
	no.	%	no.	%
1-9	669	0.1	586	0.1
10-19	1 008	0.2	896	0.2
20-29	1 423	0.3	615	0.1
30-39	891	0.2	1 233	0.3
40-49	1 361	0.3	1 046	0.2
50-69	3 100	0.7	2 301	0.5
70-99	3 303	0.7	2 784	0.6
100-149	6 257	1.4	5 401	1.2
150-199	6 882	1.5	6 412	1.5
200-299	13 342	2.9	15 748	3.6
300-499	24 046	5.2	21 207	4.8
500-699	25 879	5.6	24 010	5.5
700-999	33 488	7.3	31 954	7.3
1,000 and over	338 012	73.5	324 420	74.0
Total	459 661	100.0	438 613	100.0

¹ Includes suckers, weaners, growers etc.

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POULTRY NUMBERS BY STATISTICAL DIVISION, AT 31 MARCH 1995¹

Statistical division	Chickens	
	For egg production	For meat production
	'000	'000
Melbourne	1 054.7	7 711.1
Barwon	317.4	1 756.3
Western District	103.9	—
Central Highlands	94.1	—
Wimmera	30.7	389.9
Mallee	54.1	106.2
Loddon-Campaspe	429.9	658.0
Goulburn	282.8	1 499.0
Ovens-Murray	61.7	—
East Gippsland	0.1	—
Gippsland	187.9	285.8
Victoria		
1995	2 617.2	12 406.3
1994	2 253.2	12 307.4

¹ Figures for 1994 and 1995 are not strictly comparable due to changes in questions asked.

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NUMBER OF ESTABLISHMENTS WITH AND NUMBER OF DEER AND HORSES, BY STATISTICAL DIVISION AT 31 MARCH 1995

Statistical division	Establishments		Livestock	
	Deer	Horses for breeding ¹	Deer	Horses for breeding ¹
Melbourne	24	193	3 744	3 042
Barwon	12	68	1 011	609
Western District	27	131	2 922	752
Central Highlands	20	81	1 734	767
Wimmera	7	78	930	390
Mallee	7	72	673	525
Loddon-Campaspe	18	159	2 265	1 521
Goulburn	34	250	9 280	4 020
Ovens-Murray	18	110	3 760	1 045
East Gippsland	6	69	511	371
Gippsland	37	128	9 475	1 079
Victoria				
1995	210	1 339	36 305	14 121
1994	197	1 419	34 603	16 879

¹ Comprises horses on establishments with agricultural activity.

	Units	1993	1994	1995
Number of livestock slaughtered ^{1, 2}				
Cattle	'000	1 365.8	1 393.9	1 467.3
Calves	'000	608.5	583.4	635.6
Sheep	'000	3 772.6	3 975.9	3 229.6
Lambs	'000	6 288.1	5 600.8	6 303.2
Pigs	'000	1 070.8	1 188.5	1 196.9
Chickens	'000	78 614.7	85 797.9	77 337.1
Meat produced ^{1, 3}				
Beef	'000 tonnes	299 907	315 279	335 059
Veal	'000 tonnes	14 948	13 466	14 428
Mutton	'000 tonnes	81 907	85 010	64 440
Lamb	'000 tonnes	113 220	101 386	111 202
Pigmeat	'000 tonnes	70 535	78 488	84 727
Chicken	'000 tonnes	114 587	123 529	110 971
Whole milk intake by factories ⁴				
	million litres	4 456	4 967	5 113
Wool ⁵				
Brokers and dealer receivals of taxable wool	tonnes	203 572	190 047	171 792
Eggs produced ⁶	'000 dozen	42 793 508	39 492 944	40 120 594
Honey produced ⁶	'000 kg	3 159 820	4 904 633	3 301 577

¹ Source: *Livestock Products, Australia* (7215.0).

² Includes estimates of animals slaughtered on farms and country butchers.

³ Dressed carcass weight, excluding offal.

⁴ Source: Australian Dairy Corporation.

⁵ Source: ABS Wool Brokers and Dealers Collection.

⁶ Collected at 31 March.

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GROSS VALUE OF LIVESTOCK PRODUCTS AND OTHER DISPOSALS, YEARS ENDED 31 MARCH 1993 TO 1995p

	1993 ¹	1994	1995p
	\$m	\$m	\$m
Livestock slaughtered²			
Cattle and calves	678.9	830.6	765.5
Pigs	164.2	169.9	146.3
Poultry	224.9	241.7	195.4
Sheep and lambs ³	203.3	243.6	261.5
Other	0.2	0.1	0.1
Total	1 271.5	1 485.8	1 368.8
Wool			
Shorn and crutched	368.5	415.2	599.4
Other ⁴	44.7	24.6	35.8
Total	413.2	439.8	635.3
Production of milk			
Manufacturing	1 146.1	1 187.0	1 123.5
Human consumption	186.3	194.1	187.6
Total	1 332.5	1 381.1	1 311.0
Eggs	74.3	49.3	50.5
Honey and beeswax	5.0	7.5	4.9

¹ Figures have been collected on the basis of EVAO \$22,500 and over.
² Includes net exports of livestock.
³ Excludes value of wool on skins.
⁴ Includes dead and fellmongered wool and wool on skins.

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BEEKEEPING, SUMMARY STATISTICS, YEARS ENDED 30 JUNE 1994 TO 1995

	Units	1994	1995
Apiarists establishments		322	294
Beehives			
Productive ¹		74 387	64 753
Unproductive		14 355	17 951
Total		88 742	82 704
Honey produced			
Quantity	kg	4 904 633	3 301 577
Average production ²	kg/hive	66	51
Beeswax produced	kg	193 541	58 413

¹ Beehives from which honey was taken.
² Average production per productive beehive.

Items	Poultry 0141-0142				Fruit 0114-0119			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	—	40	0.8	*	406.9	11	413.3	10
Sales from livestock	42.4	46	25.1	77	3.6	37	11.9	57
Sales from livestock products	91.6	26	68.5	17	1.8	64	0.3	89
Turnover	146.9	19	104.8	21	427.5	11	448.6	11
Purchases and selected expenses	95.5	22	68.6	25	195.8	11	181.9	12
Value added ¹	53.1	19	37.3	22	232.7	12	269.1	12
Adjusted value added ²	46.7	20	32.6	24	206.1	12	240.2	13
Gross operating surplus ¹	36.7	24	24.1	27	102.0	12	154.6	16
Interest paid	7.7	33	6.6	37	20.9	17	22.9	25
Cash operating surplus ²	27.5	32	16.4	34	100.0	13	127.7	20
Gross indebtedness	85.8	23	84.8	30	219.8	19	226.9	21
Total net capital expenditure	5.5	26	20.9	43	32.2	25	39.2	40

Items	Vegetables 0113				Grain 0121			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	189.9	9	208.8	13	392.6	8	393.0	9
Sales from livestock	25.0	21	39.1	28	37.0	18	46.6	75
Sales from livestock products	4.5	31	12.3	37	22.7	15	20.3	23
Turnover	236.9	8	269.0	10	481.1	8	482.6	12
Purchases and selected expenses	123.8	8	141.2	12	260.3	8	290.5	14
Value added ¹	118.3	9	140.0	10	230.1	9	189.6	13
Adjusted value added ¹	105.0	10	124.7	11	204.6	9	161.6	14
Gross operating surplus ¹	67.9	13	81.3	15	187.2	10	142.7	16
Interest paid	40.9	54	13.5	16	23.7	17	17.6	18
Cash operating surplus ²	22.1	*	55.6	17	154.8	10	130.5	16
Gross indebtedness	195.5	18	143.4	18	180.4	16	152.5	17
Total net capital expenditure	15.9	28	19.3	19	42.9	16	47.4	27

Items	Grain-sheep/beef 0122				Sheep-beef cattle 0123			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	211.7	12	198.8	22	11.9	39	3.2	70
Sales from livestock	77.8	18	47.5	18	165.2	16	133.8	27
Sales from livestock products	93.5	15	75.1	22	109.1	13	86.7	39
Turnover	423.9	10	352.4	17	300.1	11	218.4	29
Purchases and selected expenses	246.0	11	220.5	17	190.7	13	130.4	33
Value added ¹	212.0	11	151.7	18	160.2	12	145.5	31
Adjusted value added ¹	180.4	12	122.8	19	129.5	14	123.8	31
Gross operating surplus ¹	149.1	12	99.2	20	100.3	16	92.3	37
Interest paid	33.5	14	18.5	23	27.1	20	16.2	45
Cash operating surplus ²	83.0	15	57.2	31	27.4	42	28.4	80
Gross indebtedness	312.7	13	205.4	23	236.1	18	186.6	42
Total net capital expenditure	34.5	18	27.0	36	14.2	27	8.7	86

¹ Includes an estimate for the value of the increase in livestock.

² 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 would be 1.5 times the standard error of the estimate). (Refer to the Explanatory Notes.)

Items	Sheep 0124				Beef cattle 0125			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	30.4	31	9.2	74	7.6	43	12.1	43
Sales from livestock	115.7	13	60.2	24	234.2	13	404.6	11
Sales from livestock products	221.5	12	151.7	17	5.9	37	14.7	64
Turnover	398.2	10	235.6	16	262.3	13	497.7	10
Purchases and selected expenses	204.3	11	133.3	15	183.8	15	332.0	11
Value added ¹	239.7	10	117.7	29	126.2	17	254.5	11
Adjusted value added ¹	199.5	11	89.9	35	99.5	20	212.3	12
Gross operating surplus ²	168.9	12	63.2	45	88.9	22	185.3	13
Interest paid	51.4	26	18.9	43	13.7	27	30.5	27
Cash operating surplus ²	71.1	31	39.7	43	43.3	37	74.6	28
Gross indebtedness	487.0	26	257.7	33	136.2	21	308.1	24
Total net capital expenditure	20.4	32	8.3	33	21.1	36	28.4	23

Items	Dairy cattle 0130				Pigs 0151			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	11.0	53	22.9	74	3.1	50	0.5	60
Sales from livestock	145.8	15	191.0	21	64.7	18	106.1	3
Sales from livestock products	1 150.1	6	1 133.6	13	11.9	*	1.8	29
Turnover	1 362.6	5	1 399.6	13	82.7	27	113.7	3
Purchases and selected expenses	659.4	6	742.9	14	61.6	24	84.5	3
Value added ¹	744.1	6	762.3	13	23.6	34	27.9	6
Adjusted value added ¹	681.0	6	697.8	13	20.2	36	23.8	8
Gross operating surplus ²	617.0	6	618.5	14	10.3	29	14.6	13
Interest paid	83.7	16	94.3	17	2.6	18	2.8	15
Cash operating surplus ²	479.2	9	398.7	15	5.2	51	13.3	16
Gross indebtedness	799.1	13	982.3	18	26.6	17	29.2	13
Total net capital expenditure	159.6	15	159.1	18	3.6	61	4.6	15

Items	Other agriculture 0111-0112, 0152-0159, 0169				Agriculture all industries			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	147.8	16	247.5	27	1 412.8	4	1 510.0	6
Sales from livestock	7.0	52	57.6	31	918.5	5	1 123.6	7
Sales from livestock products	9.3	42	4.7	34	1 721.9	4	1 549.7	10
Turnover	174.5	14	327.4	21	4 296.7	3	4 449.8	5
Purchases and selected expenses	73.3	14	179.9	19	2 294.3	3	2 505.6	5
Value added ¹	107.9	15	138.6	27	2 247.9	3	2 234.1	6
Adjusted value added ¹	94.2	16	118.6	30	1 966.8	3	1 948.0	6
Gross operating surplus ²	46.7	17	26.5	82	1 593.1	3	1 502.3	7
Interest paid	10.8	23	5.9	16	316.1	10	247.6	9
Cash operating surplus ²	31.8	27	28.7	72	1 045.4	6	970.9	8
Gross indebtedness	90.5	21	82.9	19	2 769.5	7	2 659.7	9
Total net capital expenditure	14.4	25	38.3	41	364.3	8	401.1	10

¹ Includes an estimate for the value of the increase in livestock.
² 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 would be 1.5 times the standard error of the estimate). (Refer to the Explanatory Notes.)

Items	Aggregates					
	1989-90		1990-91		1991-92	
	\$m	SE	\$m	SE	\$m	SE
Sales from crops	1 362.3	7	1 053.0	6	1 118.8	4
Sales from livestock	920.5	5	826.2	5	791.4	5
Sales from livestock products	1 686.6	3	1 443.0	4	1 426.7	4
Turnover	4 238.1	3	3 504.6	3	3 576.7	2
Purchases and selected expenses	2 171.6	3	1 970.3	3	1 973.6	3
Value added ¹	2 040.7	4	1 361.1	5	1 658.4	4
Adjusted value added ¹	1 769.5	4	1 105.6	6	1 406.7	4
Gross operating surplus ¹	1 347.6	5	752.8	8	1 048.4	5
Interest paid	427.1	8	371.4	7	310.3	6
Cash operating surplus ²	1 004.9	8	598.5	10	701.4	6
Gross indebtedness	2 608.5	9	2 454.1	7	2 451.7	6
Total net capital expenditure	339.4	9	202.8	13	230.5	12

Items	Aggregates					
	1992-93		1993-94		1994-95p	
	\$m	SE	\$m	SE	\$m	SE
Sales from crops	1 412.8	4	1 510.0	6	1 030.2	8
Sales from livestock	918.5	5	1 123.6	7	1 019.9	7
Sales from livestock products	1 721.9	4	1 549.7	10	1 701.0	8
Turnover	4 296.7	3	4 449.8	5	4 036.7	4
Purchases and selected expenses	2 294.3	3	2 505.6	5	2 271.3	5
Value added ¹	2 247.9	3	2 234.1	6	n.y.a.	n.y.a.
Adjusted value added ¹	1 966.8	3	1 948.0	6	n.y.a.	n.y.a.
Gross operating surplus ¹	1 593.1	3	1 502.3	7	n.y.a.	n.y.a.
Interest paid	316.1	10	247.6	9	n.y.a.	n.y.a.
Cash operating surplus ²	1 045.4	6	970.9	8	915.2	10
Gross indebtedness	2 769.5	7	2 659.7	9	n.y.a.	n.y.a.
Total net capital expenditure	364.3	8	401.1	10	n.y.a.	n.y.a.

Items	Averages					
	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95p
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Sales from crops	45.1	37.0	39.1	49.2	53.0	n.y.a.
Sales from livestock	30.5	29.0	27.7	32.0	39.4	n.y.a.
Sales from livestock products	55.9	50.7	49.9	60.0	54.4	n.y.a.
Turnover	140.4	123.1	125.0	149.7	156.1	n.y.a.
Purchases and selected expenses	72.0	69.2	69.0	79.9	87.9	n.y.a.
Value added ¹	67.6	47.8	58.0	78.3	78.4	n.y.a.
Adjusted value added ¹	58.6	38.8	49.2	68.5	68.3	n.y.a.
Gross operating surplus ¹	44.7	26.4	36.6	55.5	52.7	n.y.a.
Interest paid	14.2	13.0	10.8	11.0	8.7	n.y.a.
Cash operating surplus ²	33.3	21.0	24.5	36.4	34.1	n.y.a.
Gross indebtedness	86.4	86.2	85.7	96.5	93.3	n.y.a.
Total net capital expenditure	11.2	7.1	8.1	12.7	14.1	n.y.a.

¹ Includes an estimate for the value of the increase in livestock.

² 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 would be 1.5 times the standard error of the estimate). (Refer to the Explanatory Notes.)

EXPLANATORY NOTES

INTRODUCTION

1 This publication contains statistics on crops, livestock and livestock products and characteristics of farms and 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 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 means that care must be taken in comparing census results over time.

6 Information covering commodities such as livestock slaughtered, 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 1995 (for example, maize, apples, grapes and potatoes), the production statistics relate to the completed harvest.

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 1994-95 season relates to the harvesting period October 1994 to February 1995. Statistics of other crops which in some States are harvested after 31 March 1995 (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. It excludes 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. This data is published monthly in *Livestock Products, Australia* (7215.0).

17 The wool estimates contained in table 43 are obtained from these major sources:

- a monthly collection of National Council of Wool Selling Brokers of Australia in each State and incorporated in this publication with reference to the 12 months to 30 June. The data are compiled in terms of bales received into stores and converted to wool receivals in tonnes; and

- a monthly ABS collection of other wool brokers and dealers in each State, also incorporated with reference to the 12 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. 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.

22 More detailed information including an outline of the reliability of the estimates and the standard error 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 Sub-division 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 varies 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 *Release Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

UNPUBLISHED STATISTICS

30 As well as the statistics in this and related publications, the ABS may have other unpublished data available. Enquires should be directed to Winton McColl on (03) 9615 7470.

31 Symbols and other usages:

- nil or rounded to zero
- ha hectares
- t tonnes
- n.a. not available
- n.c. not collected
- n.y.a. not yet available
- n.p. not published
- p preliminary
- r revised
- SE% percentage standard error
- * 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.

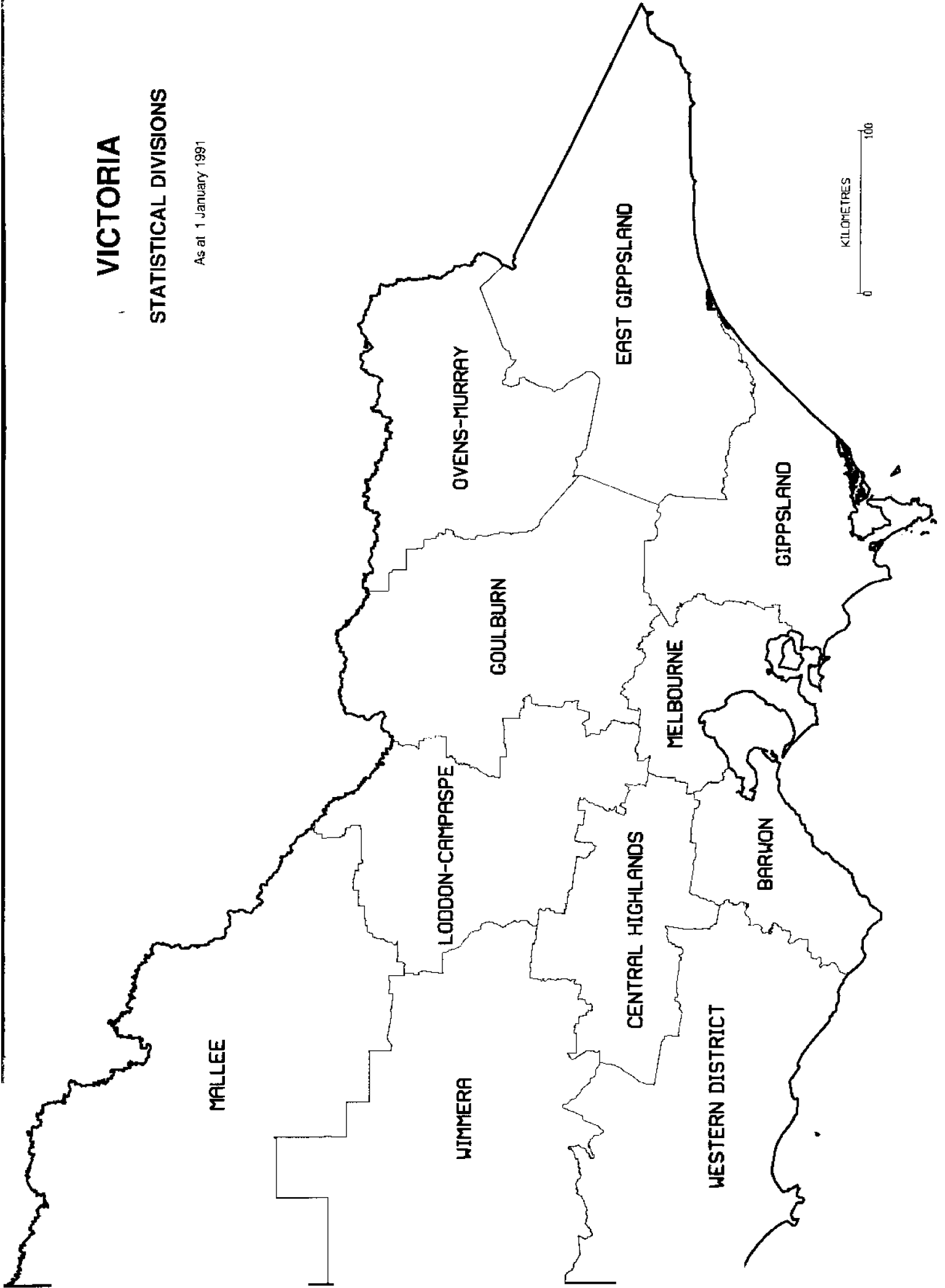
32 The figures shown in this publication have been revised where necessary and as a consequence may not agree with similar data shown in previous publications.

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

VICTORIA

STATISTICAL DIVISIONS

As at 1 January 1991



Other ABS Data on Agricultural Activity

Agriculture Census data not included in ABS publications are also available—

AGSTATS

- Contains data for each commodity collected in the census
- Contains estimated value of agricultural commodities produced data (optional)
- Provides data down to Statistical Local Area level
- Available on microfiche, floppy disc and CD-ROM
- Available for each year separately from 1981-82 to 1993-94 (except CD-ROM)
- Data available on CD-ROM for seasons 1985-86 to 1992-93
- CD-ROM package includes SUPERMAP software which can produce colour maps showing distribution of particular commodities

UNPUBLISHED DATA

The ABS can also make available information which is not published. Where it is not practicable to provide the required information by telephone, data can be provided as hardcopy, computer print-out or on disk.

For more details please contact Winton McColl on (03) 9615 7470

Other ABS Publications on Agricultural Activity

The ABS also publishes bulletins concerning the agricultural sector compiled from other sources—

Agricultural Industries, Financial Statistics, Australia *Cat. no. 7507.0 (\$29.00)*

- Estimates of turnover, expenditure, cash operating surplus, capital expenditure and indebtedness of agricultural enterprises in each State (classified by industry for Australia)
- Value of selected assets and net worth of agricultural enterprises are also classified by industry

Agricultural Industries, Financial Statistics, Australia, Preliminary

Cat. no. 7506.0 (\$10.00)

- Estimates of the financial performance of enterprises engaged in agricultural activities

Value of Agricultural Commodities Produced, Australia *Cat. no. 7503.0 (\$15.00)*

- Estimates of the gross and local values of production for all agricultural commodities

Livestock Products, Australia *Cat. no. 7215.0 (\$10.00)*

- Published monthly
- Livestock: cattle, sheep, pigs and poultry
- Data: numbers slaughtered, meat production, stocks and exports, milk intake and sales, wool receivals
- Historical data

You can order these publications from the ABS Bookshop on (03) 9615 7929

For more information . . .

The ABS publishes a wide range of statistics and other information on Australia's economic and social conditions. Details of what is available in various publications and other products can be found in the ABS Catalogue of Publications and Products available from all ABS Offices.

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