



EMBARGOED UNTIL 11.30 A.M. 29 JULY 1996

**AGRICULTURE
WESTERN AUSTRALIA
1994–95**

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AUSTRALIAN BUREAU OF STATISTICS

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SUMMARY OF FINDINGS

STRUCTURE OF THE AGRICULTURAL INDUSTRY

The number of establishments with agricultural activity declined from 14,555 at 31 March 1994 to 13,971 at 31 March 1995. This is a decrease of 4.0%. The total included 121 establishments with some agricultural activity, but whose main activity was in some other industry and 147 establishments who were not classified to any industry.

The main industries of the agricultural establishments were:

	Number	% of establishments with agricultural activity
Grain-sheep/beef cattle farming	4 055	29.0
Grain growing	2 276	16.3
Sheep farming	1 928	13.8
Beef cattle farming	1 889	13.5

A substantial fall from 31 March 1994 to 31 March 1995 has occurred in the number of establishments classified to grain growing. The number of establishments in this industry fell from 3,154 to 2,276 (27.8%). Establishments classified to fruit growing not elsewhere classified also fell, from 360 to 294 (18.3%). Establishments in the pig farming industry fell from 158 to 135 (14.6%). However, establishments in the grain-sheep beef cattle farming industry increased from 3,479 to 4,055 (16.6%).

At 31 March 1995, only 11.6% of establishments with agricultural activity had an estimated value of agricultural operations (EVAO) of \$500,000 or more. The majority (29.8%), had an EVAO between \$200,000 and \$499,999 while 38.6% of establishments with agricultural activity had an EVAO of less than \$100,000. The grain growing industry accounted for 46.7% of establishments with an EVAO of \$500,000 or more, but only accounted for 16.3% of all agricultural establishments with agricultural activity.

In terms of area, 14 establishments had an area of 500,000 hectares or more at 31 March 1995; most establishments (53.5%) had an area of holding less than 1,000 hectares.

LAND MANAGEMENT

At 31 March 1995 establishments with agricultural activity occupied 114 million hectares or 44.9% of Western Australia's total area. The area of cereal crops was 4.8 million hectares (4.2% of the total area of establishments with agricultural activity). This is a decrease of 5.0% on the 1993-94 figure when 5.1 million hectares of cereal crops were grown.

Crop stubble The main method of handling crop stubble in 1994-95 was leaving it intact. This method was used on 1,685,694 hectares. The next most popular method was to incorporate stubble into the soil. This method was used on 816,321 hectares. Burning was used on 721,028 hectares and mulching on 130,215 hectares.

Tree plantings A total of 12.9 million trees were planted from seedlings in Western Australia during the year ended 31 March 1995. Of those, 4.5 million (34.9%) were planted in the Lower Great Southern Statistical Division (SD). A further 3.3 million trees were planted in the Midlands SD.

There were 8,115 hectares of trees planted with seed in Western Australia in the year ended 31 March 1995; the majority of which, 3,066 hectares (37.8%) were planted in the Midlands SD.

CROPS AND PASTURES

In terms of area, the two main grain crops grown in Western Australia during the year ended 31 March 1995 were wheat (3,848,300 hectares) and barley (579,100 hectares).

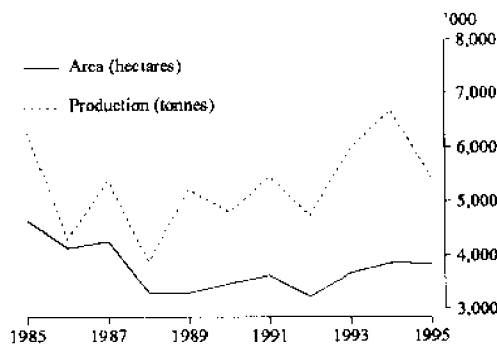
Wheat

The area sown to wheat for grain changed little at 3,852,400 hectares in the 1993-94 season compared to 3,848,300 hectares in 1994-95.

Production during the same period decreased by 18.7% to 5,437,900 tonnes and the yield fell by 17.6% to 1.4 tonnes per hectare. Wheat was grown in all statistical divisions except Pilbara and Kimberley. The major contributor to production was the Midlands SD which accounted for 43.9% of the State's production.

The number of establishments growing wheat increased from 5,798 in 1993-94 to 5,814 in 1994-95, a rise of 0.3% (see tables 10 and 15).

WHEAT, YEARS ENDED 31 MARCH

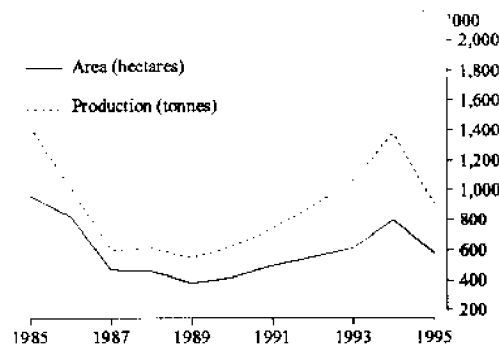


Barley

In the 1994-95 season the area sown to barley for grain decreased from 799,300 hectares to 579,100 hectares, a fall of 27.5%. The number of establishments growing barley decreased from 4,223 in 1993-94 to 3,774 in 1994-95, a fall of 10.6%. Production of barley fell by 33.8% during the 1994-95 season to 914,900 tonnes from 1,381,400 tonnes in 1993-94; consequently yield decreased from 1.7 tonnes per hectare to 1.6 tonnes per hectare in the same period (see table 10).

The Lower Great Southern SD accounted for 32.1% of all barley for grain produced in Western Australia and 26.0% of area sown (see tables 10 and 15).

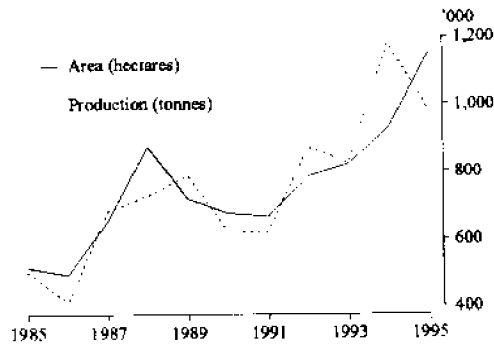
BARLEY, YEARS ENDED 31 MARCH



Lupins

Production of lupins for grain showed a significant decrease of 16.8% from 1,181,100 tonnes in season 1993-94 to 982,200 tonnes in 1994-95, despite an increase in area sown of 24.1% from 928,700 hectares to 1,152,100 hectares as indicated by the graph below. Yield fell from 1.3 tonnes per hectare to 0.9 tonnes per hectare, a fall of 30.8%. The Midlands SD was the largest producer of lupins for grain in Western Australia, with 391,100 tonnes produced from 530,300 hectares sown, a yield of 0.7 tonnes per hectare (see table 11).

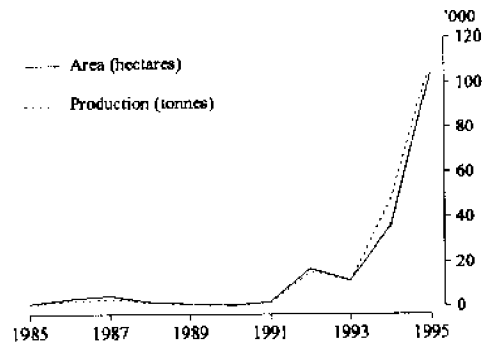
LUPINS FOR GRAIN, YEARS ENDED 31 MARCH



Canola

Canola showed a significant increase in both area and production in the year ended 31 March 1995. Area sown increased from 35,800 hectares to 104,100 (190.8%), while production also increased from 47,300 tonnes to 107,900 tonnes (128.1%). Yields fell from 1.3 tonnes per hectare to 1.0 tonne per hectare, down 23.9% (see table 13).

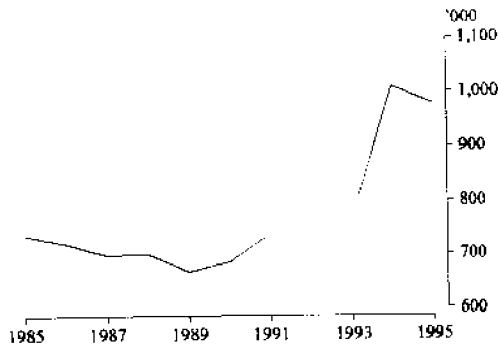
CANOLA, YEARS ENDED 31 MARCH



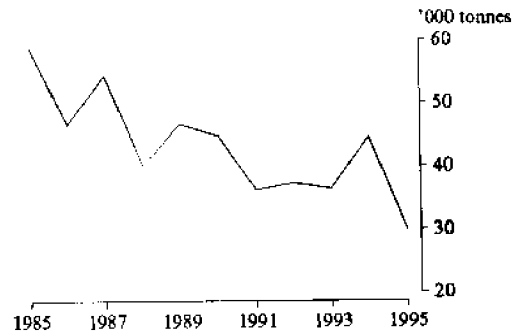
HORTICULTURE

The number of apple trees at 31 March 1995 stood at 1.0 million, a decrease of 3.1% from 31 March 1994. Production decreased by 32.9% to 29,900 tonnes from 44,600 tonnes the previous year. The major apple growing area in Western Australia was the South West SD which accounted for 77.7% of the State's trees and 80.2% of the State's production (see table 18).

APPLES, TREE NUMBERS, YEARS ENDED 31 MARCH



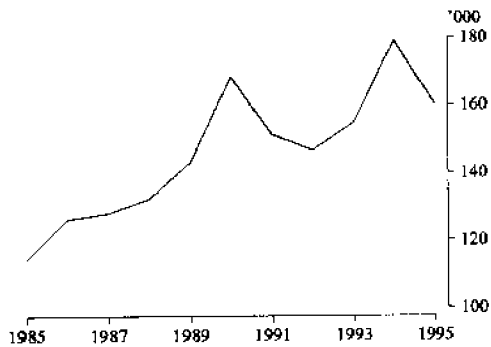
APPLES, PRODUCTION, YEARS ENDED 31 MARCH



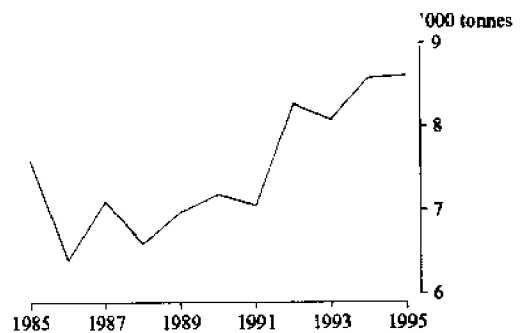
Pears

There were 160,200 pear trees excluding nashis in Western Australia at 31 March 1995, down on the 179,000 the previous year, a reduction of 10.5%. Production rose 0.3%, from 8,586 tonnes to 8,614 tonnes during the same period (see table 18).

PEARS, TREE NUMBERS, YEARS ENDED 31 MARCH



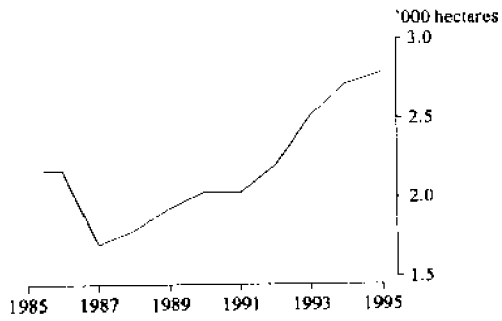
PEARS, PRODUCTION, YEARS ENDED 31 MARCH



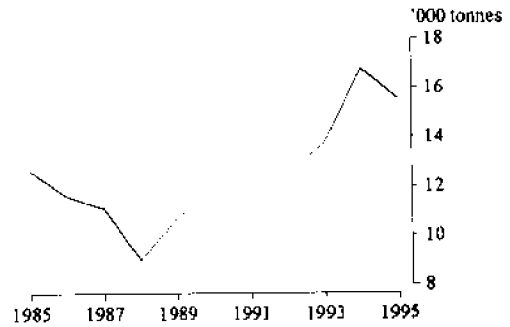
Viticulture

The total area of vines at harvest in 1994-95 increased by 2.8% from 2,713 hectares to 2,788 hectares. Production of wine grapes decreased by 5.0% to 12,314 tonnes. The major wine grape growing areas were the South West and Lower Great Southern SD's with 42.8% and 25.1% of the total Western Australian wine grape production respectively (see table 23).

GRAPES, AREA PLANTED, YEARS ENDED 31 MARCH



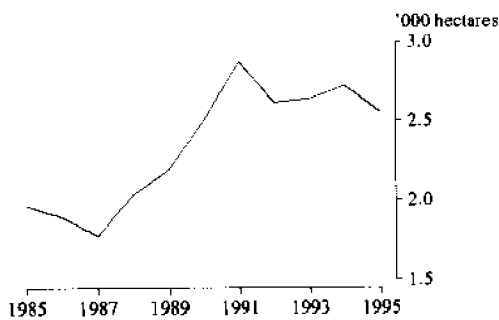
GRAPES, PRODUCTION, YEARS ENDED 31 MARCH



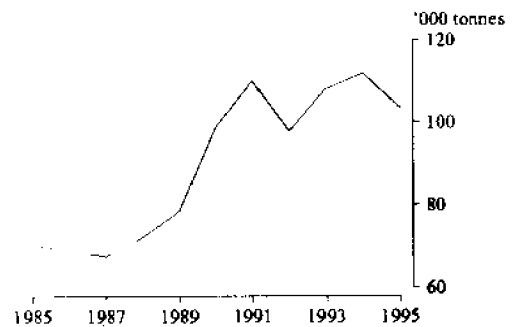
Potatoes

The total area planted to potatoes in the 1994-95 season was 2,553 hectares, a decrease of 6.1% over the 1993-94 figure of 2,720. Production also decreased to 103,573 tonnes, a 7.4% fall on the 111,813 tonnes produced in the previous season. Yield declined slightly to 40.6 from 41.1 the previous year. The main potato growing area in Western Australia was the South West SD which produced 85,940 tonnes of potatoes from 2,087 hectares sown (see table 25).

POTATOES, AREA PLANTED, YEARS ENDED 31 MARCH



POTATOES, PRODUCTION, YEARS ENDED 31 MARCH



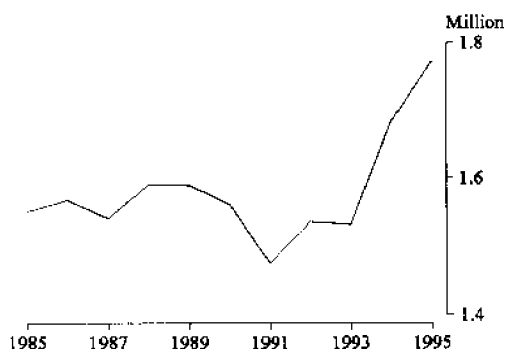
LIVESTOCK AND LIVESTOCK PRODUCTS

There were 1,773,100 meat cattle in Western Australia at 31 March 1995, a 5.4% rise from the 1,682,500 reported at 31 March 1994. The majority of the State's meat cattle was in the Kimberley SD which accounted for 32.1% of the total meat cattle herd. Even though an increase in the number of meat cattle was reported, there was a fall of 1.2% in the number of establishments reporting meat cattle.

Meat cattle

At 31 March 1995, 11.2% of all establishments with meat cattle had a herd size of 500 and over. These establishments accounted for 67.8% of the number of meat cattle (see tables 28, 29 and 30).

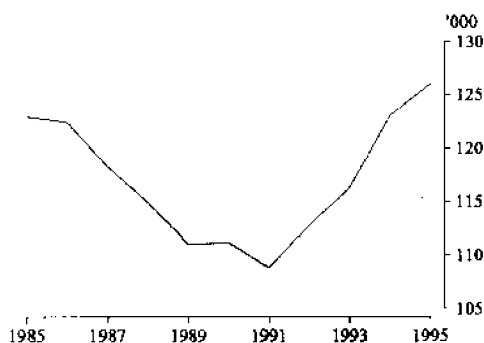
MEAT CATTLE, AT 31 MARCH



Milk cattle

The milk cattle herd increased to 126,000 for 1994-95, a rise of 2.4% from 1993-94. The number of establishments with milk cattle fell by 12.7% to 582. The South West SD was the major dairy region in the State with 89.4% of State's milk cattle herd. At 31 March 1995, 49.1% of establishments with milk cattle had a herd size of 200 and over. These establishments accounted for 76.7% of milk cattle. (see tables 31, 32 and 33).

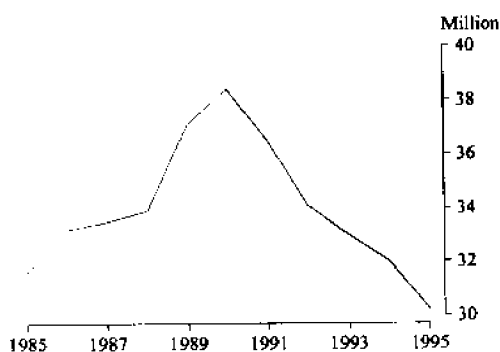
MILK CATTLE, AT 31 MARCH



Sheep and Lambs

The number of establishments reporting sheep and lambs stood at 9,021, a decrease of 6.0% from 9,600 in 1993-94. Sheep numbers at 31 March 1995 were 30.2 million, a decrease of 5.4% from 32.0 million in 1993-94 (see table 34). The number of lambs marked decreased by 8.0% to 9.1 million (see table 37). The majority of establishments ran small flocks with 80.7% of all establishments in Western Australia running a flock of less than 5,000 head (see tables 34, 35, 36 and 37).

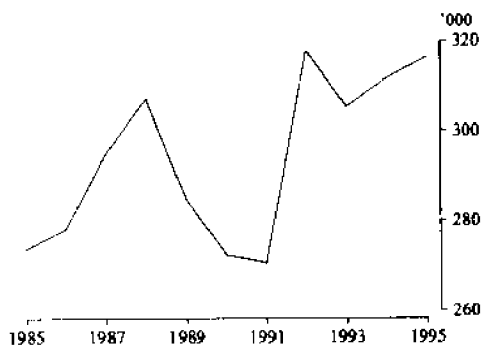
SHEEP AND LAMBS, AT 31 MARCH



Pigs

The number of pigs at 31 March 1995 was 316,400, an increase of 1.5% from 31 March 1994, while the number of establishments reporting pigs at 31 March 1995 stood at 841, a decrease of 5.5% from 31 March 1994. The major statistical division in terms of pig numbers was Midlands which accounted for 33.6% of the State's herd (see table 38).

PIGS, AT 31 MARCH



VALUE OF AGRICULTURAL
COMMODITIES PRODUCED

At the time of publication preliminary figures only were available for the gross value of agricultural commodities produced in the year ending 31 March 1995.

The total gross value of agricultural commodities produced in the year ending 31 March 1995 was \$3,840.8 million. The major contributors were crops, valued at \$2,257.2 million, livestock products valued at \$963.4 million and livestock slaughterings and other disposals valued at \$620.1 million. They represented 58.8%, 25.1% and 16.1% of the total value respectively.

As in the previous season, wheat for grain, with production valued at \$1,291.7 million, continued to be the leading broadacre crop in terms of value of production. The next major crop in terms of gross value was barley with \$177.4 million.

In relation to fruit, apples were by far the largest contributor to gross value of production at \$36.5 million. Next highest were bananas contributing \$16.3 million, a decrease on the \$18.9 million the previous season.

Potatoes were the largest contributor to gross value of production of all vegetables, increasing slightly to \$37.6 million in 1994-95 from \$33.8m in 1993-94. The other major contributors were carrots and cauliflowers, which contributed \$31.1 million and \$22.4 million respectively to gross value of production. Both of these commodities have increased from the 1993-94 figures of \$23.8 million for carrots and \$15.3 million for cauliflower.

The gross value of total livestock slaughterings increased slightly in the year ended 31 March 1995 to \$620.1 million. Cattle and calf slaughterings represented 47.2% of the total value of livestock slaughterings.

The gross value of cattle and calf slaughterings increased 34.6% to \$292.9 million from \$217.6 million the previous year. The gross value of sheep and lamb slaughterings fell slightly from \$185.3 million to \$172.6 million.

The gross value of livestock products consisted mainly of wool production which represented 83.6% of the total value of all livestock products in Western Australia for 1994-95. Milk represented 13.0%, followed by eggs then honey and beeswax.

STRUCTURE OF THE AGRICULTURAL INDUSTRY

1

NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY OF ESTABLISHMENT, HAVING EVAO \$5,000 AND OVER¹, AT 31 MARCH 1993 TO 1995

ANZSIC code	Industry of establishment	1993	1994	1995
0111	Plant nurseries	176	147	140
0112	Cut flower and flower seed growing	126	137	122
0113	Vegetable growing	597	563	564
0114	Grape growing	243	238	233
0115	Apple and pear growing	216	229	207
0116	Stonefruit growing	192	172	173
0117	Kiwi fruit growing	7	8	7
0119	Fruit growing n.e.c.	398	360	294
0121	Grain growing	2 337	3 154	2 276
0122	Grain-sheep/beef cattle farming	4 068	3 479	4 055
0123	Sheep-beef cattle farming	734	625	630
0124	Sheep farming	2 383	1 905	1 928
0125	Beef cattle farming	1 857	1 990	1 889
0130	Dairy cattle farming	528	528	516
0141	Poultry farming (meat)	52	65	59
0142	Poultry farming (eggs)	95	84	85
0151	Pig farming	142	158	135
0152	Horse farming	160	158	113
0153	Deer farming	40	47	38
0159	Livestock farming n.e.c.	92	113	156
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	85	46	63
Total (ANZSIC Code 01)		14 528	14 206	13 683
02	Services to agriculture; hunting and trapping	13	12	9
03	Forestry and logging	1	2	3
04	Commercial fishing	4	5	8
Total (ANZSIC Division A)		14 546	14 225	13 703
All other ANZSIC Divisions		112	128	121
Unclassified		252	202	147
Total all industries		14 910	14 555	13 971

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 50.

2

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

ANZSIC code	Industry of establishment	1993	1994	1995
0111	Plant nurseries	162	103	126
0112	Cut flower and flower seed growing	116	72	95
0113	Vegetable growing	546	484	486
0114	Grape growing	186	142	158
0115	Apple and pear growing	197	204	184
0116	Stonefruit growing	150	106	120
0117	Kiwi fruit growing	5	6	6
0119	Fruit growing n.e.c.	343	234	214
0121	Grain growing	2 311	3 117	2 246
0122	Grain-sheep/beef cattle farming	4 008	3 408	4 019
0123	Sheep-beef cattle farming	633	475	530
0124	Sheep farming	2 025	1 398	1 627
0125	Beef cattle farming	1 175	1 022	1 060
0130	Dairy cattle farming	514	515	505
0141	Poultry farming (meat)	51	62	59
0142	Poultry farming (eggs)	90	81	81
0151	Pig farming	132	132	122
0152	Horse farming	101	85	68
0153	Deer farming	39	46	35
0159	Livestock farming n.e.c.	70	87	113
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	57	24	49
Total (ANZSIC Code 01)		12 911	11 803	11 903
02	Services to agriculture; hunting and trapping	6	3	5
03	Forestry and logging	1	1	1
04	Commercial fishing	2	2	4
Total (ANZSIC Division A)		12 920	11 809	11 913
All other ANZSIC Divisions		77	72	75
Unclassified		131	—	—
Total all Industries		13 128	11 881	11 988

3

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

Statistical division	1993	1994	1995
Perth	1 502	1 385	1 269
South West	2 937	2 930	2 804
Lower Great Southern	2 597	2 560	2 456
Upper Great Southern	1 970	1 897	1 858
Midlands	3 377	3 294	3 168
South Eastern	778	764	740
Central	1 484	1 466	1 432
Pilbara	61	61	58
Kimberley	204	198	186
Western Australia	14 910	14 555	13 971

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
Perth	1 144	852	870
South West	2 257	1 942	2 023
Lower Great Southern	2 290	2 072	2 104
Upper Great Southern	1 913	1 801	1 789
Midlands	3 105	2 911	2 927
South Eastern	751	717	712
Central	1 419	1 374	1 349
Pilbara	59	60	57
Kimberley	190	152	157
Western Australia	13 128	11 881	11 988

5

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

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
0111	Plant nurseries	—	14	18	39
0112	Cut flower and flower seed growing	1	26	33	20
0113	Vegetable growing	9	69	84	87
0114	Grape growing	6	69	83	38
0115	Apple and pear growing	2	21	40	34
0116	Stonefruit growing	5	48	57	37
0117	Kiwi fruit growing	—	1	3	1
0119	Fruit growing n.e.c.	9	71	45	40
0121	Grain growing	5	25	43	97
0122	Grain-sheep/beef cattle farming	1	35	118	402
0123	Sheep-beef cattle farming	5	95	129	162
0124	Sheep farming	27	274	298	453
0125	Beef cattle farming	72	758	495	248
0130	Dairy cattle farming	—	11	18	32
0141	Poultry farming (meat)	—	—	2	4
0142	Poultry farming (eggs)	1	3	5	4
0151	Pig farming	—	13	14	22
0152	Horse farming	1	44	36	18
0153	Deer farming	—	3	5	12
0159	Livestock farming n.e.c.	12	31	47	23
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	2	11	12	11
Total (ANZSIC Code 01)		158	1 622	1 585	1 784
02	Services to agriculture; hunting and trapping	—	4	2	1
03	Forestry and logging	1	1	—	—
04	Commercial fishing	1	3	2	1
Total (ANZSIC Division A)		160	1 630	1 589	1 786
All other ANZSIC Divisions		5	41	15	21
Unclassified		147	—	—	—
Total all Industries		312	1 671	1 604	1 807

¹ See Explanatory Note 4 on Page 50.

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	
0111	Plant nurseries	29	30	10	140
0112	Cut flower and flower seed growing	12	18	12	122
0113	Vegetable growing	117	128	70	564
0114	Grape growing	26	7	4	233
0115	Apple and pear growing	65	35	10	207
0116	Stonefruit growing	19	6	1	173
0117	Kiwi fruit growing	1	1	—	7
0119	Fruit growing n.e.c.	73	48	8	294
0121	Grain growing	296	1 050	760	2 276
0122	Grain-sheep/beef cattle farming	1 162	1 885	452	4 055
0123	Sheep-beef cattle farming	118	99	22	630
0124	Sheep farming	484	344	48	1 928
0125	Beef cattle farming	142	105	69	1 889
0130	Dairy cattle farming	139	268	48	516
0141	Poultry farming (meat)	4	8	41	59
0142	Poultry farming (eggs)	17	30	25	85
0151	Pig farming	25	39	22	135
0152	Horse farming	11	3	—	113
0153	Deer farming	8	7	3	38
0159	Livestock farming n.e.c.	15	19	9	156
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	12	9	6	63
Total (ANZSIC Code 01)		2 776	4 139	1 620	13 683
02	Services to agriculture; hunting and trapping	—	1	1	9
03	Forestry and logging	—	—	1	3
04	Commercial fishing	1	—	—	8
Total (ANZSIC Division A)		2 776	4 140	1 622	13 703
All other ANZSIC Divisions		17	17	5	121
Unclassified		—	—	—	147
Total all Industries		2 793	4 157	1 627	13 971

6

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 – 49 ha	50 – 99 ha	100 – 499 ha	500 – 999 ha	1 000 – 2 499 ha	2 500 – 4 999 ha
0111	Plant nurseries	123	7	8	—	2	—
0112	Cut flower and flower seed growing	82	13	20	4	2	1
0113	Vegetable growing	340	57	133	22	8	—
0114	Grape growing	177	24	26	5	—	—
0115	Apple and pear growing	130	22	53	2	—	—
0116	Stonefruit growing	145	12	14	2	—	—
0117	Kiwi fruit growing	5	2	—	—	—	—
0119	Fruit growing n.e.c.	247	27	15	1	3	—
0121	Grain growing	4	10	98	183	901	791
0122	Grain-sheep/beef cattle farming	7	7	246	730	2 058	792
0123	Sheep-beef cattle farming	16	35	243	136	123	28
0124	Sheep farming	56	92	520	469	474	83
0125	Beef cattle farming	172	318	945	149	112	28
0130	Dairy cattle farming	21	27	385	58	24	1
0141	Poultry farming (meat)	51	3	3	1	1	—
0142	Poultry farming (eggs)	70	4	8	2	1	—
0151	Pig farming	34	24	38	18	19	—
0152	Horse farming	48	33	32	—	—	—
0153	Deer farming	13	4	19	1	1	—
0159	Livestock farming n.e.c.	87	13	30	14	9	2
0161	Sugar cane growing	—	—	—	—	—	—
0162	Cotton growing	—	—	—	—	—	—
0169	Crop and plant growing n.e.c.	8	11	28	4	10	1
Total (ANZSIC Code 01)		1 836	745	2 864	1 801	3 748	1 727
02	Services to agriculture; hunting and trapping	2	1	5	—	—	—
03	Forestry and logging	1	—	1	1	—	—
04	Commercial fishing	2	—	2	—	3	1
Total (ANZSIC Division A)		1 841	746	2 872	1 802	3 751	1 728
All other ANZSIC Divisions		41	15	31	11	14	5
Unclassified		60	14	28	14	12	7
Total all industries		1 942	775	2 931	1 827	3 777	1 740

6

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

ANZSIC code	Industry of establishment	Area of establishment			
		5 000 – 9 999 ha	10 000 – 24 999 ha	25 000 – 49 999 ha	50 000 – 99 999 ha
0111	Plant nurseries	—	—	—	—
0112	Cut flower and flower seed growing	—	—	—	—
0113	Vegetable growing	1	—	1	—
0114	Grape growing	—	—	—	—
0115	Apple and pear growing	—	—	—	—
0116	Stonefruit growing	—	—	—	—
0117	Kiwi fruit growing	—	—	—	—
0119	Fruit growing n.e.c.	—	—	—	—
0121	Grain growing	262	21	5	1
0122	Grain-sheep/beef cattle farming	185	25	1	3
0123	Sheep-beef cattle farming	12	2	—	2
0124	Sheep farming	15	8	9	50
0125	Beef cattle farming	9	4	—	13
0130	Dairy cattle farming	—	—	—	—
0141	Poultry farming (meat)	—	—	—	—
0142	Poultry farming (eggs)	—	—	—	—
0151	Pig farming	1	1	—	—
0152	Horse farming	—	—	—	—
0153	Deer farming	—	—	—	—
0159	Livestock farming n.e.c.	—	—	—	—
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	—	—	—	—
Total (ANZSIC Code 01)		485	61	16	69
02	Services to agriculture; hunting and trapping	—	—	—	1
03	Forestry and logging	—	—	—	—
04	Commercial fishing	—	—	—	—
Total (ANZSIC Division A)		485	61	16	70
All other ANZSIC Divisions		—	2	—	—
Unclassified		—	1	2	2
Total all industries		485	64	18	72

6

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

ANZSIC code	Industry of establishment	Area of establishment			Total establishments
		100 000 – 199 999 ha	200 000 – 499 999 ha	500 000 ha or more	
0111	Plant nurseries	—	—	—	140
0112	Cut flower and flower seed growing	—	—	—	122
0113	Vegetable growing	—	2	—	564
0114	Grape growing	1	—	—	233
0115	Apple and pear growing	—	—	—	207
0116	Stonefruit growing	—	—	—	173
0117	Kiwi fruit growing	—	—	—	7
0119	Fruit growing n.e.c.	—	1	—	294
0121	Grain growing	—	—	—	2 276
0122	Grain-sheep/beef cattle farming	1	—	—	4 055
0123	Sheep-beef cattle farming	9	21	3	630
0124	Sheep farming	82	68	2	1 928
0125	Beef cattle farming	35	95	9	1 889
0130	Dairy cattle farming	—	—	—	516
0141	Poultry farming (meat)	—	—	—	59
0142	Poultry farming (eggs)	—	—	—	85
0151	Pig farming	—	—	—	135
0152	Horse farming	—	—	—	113
0153	Deer farming	—	—	—	38
0159	Livestock farming n.e.c.	1	—	—	156
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	—	1	—	63
Total (ANZSIC Code 01)		129	188	14	13 663
02	Services to agriculture; hunting and trapping	—	—	—	9
03	Forestry and logging	—	—	—	3
04	Commercial fishing	—	—	—	8
Total (ANZSIC Division A)		129	188	14	13 703
All other ANZSIC Divisions		—	2	—	121
Unclassified		5	2	—	147
Total all Industries		134	192	14	13 971

LAND MANAGEMENT

7

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

Statistical division	Cereal crops ¹	Other crops	Orchard trees	Vegetables
	'000 hectares	'000 hectares	'000 hectares	'000 hectares
Perth	1.9	0.8	1.7	2.2
South West	23.4	7.8	3.2	3.9
Lower Great Southern	478.8	153.5	0.1	0.8
Upper Great Southern	962.0	196.5	0.1	—
Midlands	2 109.2	577.4	0.6	0.6
South Eastern	373.6	63.8	—	—
Central	850.7	337.3	0.3	0.6
Pilbara	—	—	—	—
Kimberley	2.1	0.8	0.2	1.2
Western Australia				
1995	4 801.8	1 337.8	6.1	9.3
1994	5 052.4	1 009.2	6.0	10.1
1993 ¹	4 761.3	872.3	5.7	10.1

Statistical division	Area of holding	Area of non-agricultural land ²	Total area (agricultural and non-agricultural land)
	'000 hectares	'000 hectares	'000 hectares
Perth	92.8	452.9	545.7
South West	912.5	1 771.7	2 684.2
Lower Great Southern	2 862.3	1 036.9	3 899.2
Upper Great Southern	3 364.4	1 281.5	4 645.9
Midlands	7 134.3	3 971.0	11 105.3
South Eastern	17 454.1	43 868.1	61 322.2
Central	43 954.0	32 584.1	76 538.1
Pilbara	13 777.5	37 167.5	50 945.0
Kimberley	24 403.4	17 699.3	42 102.7
Western Australia			
1995	113 955.2	139 833.1	253 788.3
1994	114 444.1	139 344.2	253 788.3
1993 ¹	110 587.2	143 201.1	253 788.3

¹ Excludes pastures and grasses harvested for hay or seed.

² 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, swamps, etc.

³ Figures have been collected on the basis of EVAO \$22,500 and over.

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
	hectares	hectares	hectares	hectares
Perth	301	217	140	121
South West	7 365	1 553	1 030	7 530
Lower Great Southern	62 227	47 115	12 395	163 796
Upper Great Southern	92 946	72 055	27 733	245 037
Midlands	371 019	373 227	59 490	819 923
South Eastern	17 298	31 475	4 921	146 755
Central	168 886	288 937	23 305	302 307
Pilbara	—	—	—	—
Kimberley	986	1 743	1 201	225
Western Australia	721 028	816 321	130 215	1 685 694

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.

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

<i>Statistical division</i>	<i>Planted from seedling</i>	<i>Planted with seed</i>
	number	hectares
Perth	642 885	54
South West	1 480 851	630
Lower Great Southern	4 510 797	1 939
Upper Great Southern	1 430 554	412
Midlands	3 285 243	3 066
South Eastern	649 089	72
Central	915 953	1 887
Pilbara	5	—
Kimberley	1 012	56
Western Australia	12 916 389	8 116

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 '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Perth	—	0.1	2.9	—	—	—
South West	5.5	14.3	2.6	—	—	—
Lower Great Southern	150.5	293.9	2.0	—	—	—
Upper Great Southern	115.5	203.3	1.8	—	—	—
Midlands	94.4	128.8	1.4	—	—	—
South Eastern	160.5	195.0	1.2	—	—	—
Central	52.7	79.5	1.5	—	—	—
Pilbara	—	—	—	—	—	—
Kimberley	—	—	—	0.5	1.5	3.3
Western Australia						
1995	579.1	914.9	1.6	0.5	1.5	3.3
1994	799.3	1 381.4	1.7	0.5	1.6	3.3
1993 ¹	611.1	1 060.9	1.7	0.4	1.6	3.6

Statistical division	Maize			Oats		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Perth	—	—	—	0.3	0.6	2.0
South West	—	0.1	7.2	9.8	21.5	2.2
Lower Great Southern	—	—	—	61.3	121.6	2.0
Upper Great Southern	—	—	—	103.9	184.0	1.8
Midlands	—	—	—	59.1	72.2	1.2
South Eastern	—	—	—	8.7	10.4	1.2
Central	—	—	—	13.3	14.4	1.1
Pilbara	—	—	—	—	—	—
Kimberley	1.6	11.3	7.0	—	—	—
Western Australia						
1995	1.6	11.4	7.0	256.5	424.8	1.7
1994	1.6	14.6	8.9	268.5	511.1	1.9
1993 ¹	1.7	12.9	7.7	331.6	577.9	1.7

Statistical division	Triticale			Wheat		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Perth	—	—	—	0.7	1.8	2.5
South West	—	—	—	0.7	1.5	2.1
Lower Great Southern	0.2	0.3	1.9	247.4	471.2	1.9
Upper Great Southern	1.3	1.5	1.2	717.8	1 202.0	1.7
Midlands	11.5	9.3	0.8	1 909.4	2 389.8	1.3
South Eastern	0.1	0.1	2.1	196.7	207.5	1.1
Central	0.6	0.7	1.1	775.6	1 164.0	1.5
Pilbara	—	—	—	—	—	—
Kimberley	—	—	—	—	—	—
Western Australia						
1995	13.6	12.0	0.9	3 848.3	5 437.9	1.4
1994	19.5	22.0	1.1	3 852.4	6 689.3	1.7
1993 ¹	16.3	17.8	1.1	3 689.3	5 978.9	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

Statistical division	Lupins for grain			Field peas for grain		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Perth	0.1	0.1	1.2	—	—	—
South West	3.0	3.6	1.2	—	—	—
Lower Great Southern	87.8	87.7	1.0	1.6	1.5	1.0
Upper Great Southern	160.5	136.7	0.9	8.7	5.6	0.6
Midlands	530.3	391.1	0.7	21.1	11.4	0.5
South Eastern	43.7	24.7	0.6	7.0	2.4	0.3
Central	326.7	338.3	1.0	4.3	3.3	0.8
Pilbara	—	—	—	—	—	—
Kimberley	—	—	—	—	—	—
Western Australia						
1995	1 152.1	982.2	0.9	42.7	24.2	0.6
1994	928.7	1 181.1	1.3	33.7	30.8	0.9
1993¹	822.8	826.5	1.0	32.4	22.2	0.7

Statistical division	Chickpeas			Faba beans		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Perth	—	—	—	—	—	—
South West	—	—	—	0.1	0.1	1.1
Lower Great Southern	1.0	0.6	0.6	3.9	2.9	0.7
Upper Great Southern	2.0	1.1	0.5	5.3	3.2	0.6
Midlands	6.7	2.6	0.4	9.4	3.5	0.4
South Eastern	0.1	—	0.4	2.7	0.2	0.1
Central	2.8	2.2	0.8	2.1	2.2	1.0
Pilbara	—	—	—	—	—	—
Kimberley	0.8	1.6	2.0	—	—	—
Western Australia						
1995	13.4	8.1	0.6	23.5	12.0	0.5
1994	3.4	3.4	1.0	3.7	5.8	1.6
1993¹	n.c.	n.c.	n.c.	1.7	2.9	1.7

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

12

AREA, PRODUCTION AND YIELD OF CROPS AND PASTURES FOR HAY BY STATISTICAL DIVISION,
YEAR ENDED 31 MARCH 1995

Statistical division	Oats for hay			Other cereals for hay		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Perth	0.8	2.9	3.7	—	—	—
South West	6.5	29.5	4.5	0.1	0.5	8.4
Lower Great Southern	18.0	76.9	4.3	2.1	7.7	3.7
Upper Great Southern	21.4	84.1	3.9	2.8	9.3	3.4
Midlands	30.7	108.8	3.5	5.9	17.1	2.9
South Eastern	6.8	19.8	2.9	0.9	2.0	2.1
Central	7.4	21.5	2.9	0.9	2.3	2.7
Pilbara	—	—	—	—	—	—
Kimberley	—	—	—	—	0.5	7.2
Western Australia						
1995	91.5	343.6	3.8	12.6	39.4	3.1
1994	77.7	345.5	4.4	10.1	39.7	3.9
1993 ¹	93.8	357.6	4.3	9.6	36.2	3.8

Statistical division	Total cereals for hay			Pastures cut for hay		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Perth	0.8	2.9	3.7	5.5	18.0	3.3
South West	6.6	30.0	4.6	69.5	253.9	3.7
Lower Great Southern	20.0	84.6	4.2	23.8	91.5	3.8
Upper Great Southern	24.2	93.5	3.9	2.6	7.4	2.8
Midlands	36.5	125.9	3.4	6.1	18.4	3.0
South Eastern	7.8	21.8	2.8	3.0	7.8	2.6
Central	8.3	23.8	2.9	2.1	4.4	2.1
Pilbara	—	—	—	0.1	0.1	1.0
Kimberley	—	0.5	7.2	0.4	2.6	6.0
Western Australia						
1995	104.2	383.0	3.7	113.0	404.2	3.6
1994	87.8	385.2	4.4	110.9	427.4	3.9
1993 ¹	93.4	393.8	4.2	104.4	368.3	3.5

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

13

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

Statistical division	Canola		
	Area	Production	Yield
	'000 ha	'000 t	t/ha
Perth	—	0.1	1.9
South West	4.4	6.4	1.5
Lower Great Southern	58.9	69.9	1.2
Upper Great Southern	20.0	19.1	1.0
Midlands	9.5	5.8	0.6
South Eastern	10.3	5.7	0.6
Central	0.9	0.8	0.9
Pilbara	—	—	—
Kimberley	—	—	—
Western Australia			
1995	104.1	107.9	1.0
1994	35.8	47.3	1.3
1993 ¹	11.6	11.5	1.0

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

14

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

	1993	1994	1995 ^p
	\$m	\$m	\$m
Cereals for grain			
Barley	168.5	172.3	177.4
Oats	73.2	45.1	54.0
Triticale	2.4	2.3	1.9
Wheat	1 085.1	1 156.9	1 291.7
Other	1.7	2.9	2.6
Total	1 330.9	1 379.5	1 527.6
Crops and pastures for hay			
Oats	37.4	46.6	54.5
Other	52.4	57.8	83.0
Legumes for grain			
Lupins	163.0	209.1	174.2
Field peas	5.3	6.5	6.0

NUMBER OF ESTABLISHMENTS BY AREA OF PRINCIPAL GRAINS SOWN AND PRODUCTION,
YEAR ENDED 31 MARCH 1995

	Area sown					
	0 – 49 ha	50 – 99 ha	100 – 149 ha	150 – 199 ha	200 – 299 ha	300 – 399 ha
Number of establishments growing barley	927	869	656	383	477	194
Percentage of total establishments growing barley	24.6	23.0	17.4	10.1	12.6	5.1
Area of barley (hectares)	26 536	61 298	77 773	64 415	110 757	64 912
Production of barley (tonnes)	48 440	106 786	129 348	107 187	178 299	97 474
Percentage of total barley production	5.3	11.7	14.1	11.7	19.5	10.7
Number of establishments growing oats	1 991	1 039	428	169	128	28
Percentage of total establishments growing oats	52.2	27.2	11.2	4.4	3.4	0.7
Area of oats (hectares)	52 856	70 426	48 646	27 855	29 012	8 879
Production of oats (tonnes)	93 038	117 841	78 386	42 381	48 194	13 274
Percentage of total oats production	21.9	27.7	18.5	10.0	11.3	3.1
Number of establishments growing triticale	46	30	22	12	9	—
Percentage of total establishments growing triticale	36.8	24.0	17.6	9.6	7.2	—
Area of triticale (hectares)	1 140	2 157	2 567	1 953	2 077	—
Production of triticale (tonnes)	1 471	1 921	2 338	1 412	1 533	—
Percentage of total triticale production	12.3	16.0	19.5	11.8	12.8	—
Number of establishments growing wheat	352	370	357	318	642	549
Percentage of total establishments growing wheat	6.1	6.4	6.1	5.5	11.0	9.4
Area of wheat (hectares)	8 849	27 064	42 878	53 964	153 496	188 022
Production of wheat (tonnes)	16 578	47 475	74 912	89 087	251 853	307 057
Percentage of total wheat production	0.3	0.9	1.4	1.6	4.6	5.6

	Area sown					Total
	400 – 499 ha	500 – 999 ha	1 000 – 1 499 ha	1 500 – 1 999 ha	2 000 ha and over	
Number of establishments growing barley	112	135	15	3	3	3 774
Percentage of total establishments growing barley	3.0	3.6	0.4	0.1	0.1	100.0
Area of barley (hectares)	47 927	89 792	17 635	5 247	12 833	579 126
Production of barley (tonnes)	70 421	127 717	27 271	8 968	12 998	914 911
Percentage of total barley production	7.7	14.0	3.0	1.0	1.4	100.0
Number of establishments growing oats	16	13	3	—	—	3 815
Percentage of total establishments growing oats	0.4	0.3	0.1	—	—	100.0
Area of oats (hectares)	6 779	8 244	3 765	—	—	256 462
Production of oats (tonnes)	11 657	11 588	8 405	—	—	424 765
Percentage of total oats production	2.7	2.7	2.0	—	—	100.0
Number of establishments growing triticale	2	3	1	—	—	125
Percentage of total establishments growing triticale	1.6	2.4	0.8	—	—	100
Area of triticale (hectares)	840	1 851	1 035	—	—	13 620
Production of triticale (tonnes)	756	1 840	700	—	—	11 971
Percentage of total triticale production	6.3	15.4	5.8	—	—	100.0
Number of establishments growing wheat	521	1 466	642	286	311	5 814
Percentage of total establishments growing wheat	9.0	25.2	11.0	4.9	5.3	100.0
Area of wheat (hectares)	227 951	1 031 942	764 220	484 198	865 745	3 848 328
Production of wheat (tonnes)	358 579	1 560 599	1 101 935	614 567	1 015 231	5 437 872
Percentage of total wheat production	6.6	28.7	20.3	11.3	18.7	100.0

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

	Barley	Maize	Oats	Sorghum	Triticale	Wheat
Perth	1	—	8	—	—	5
South West	103	1	199	—	1	14
Lower Great Southern	1 011	—	1 043	—	7	784
Upper Great Southern	900	—	1 190	—	12	1 338
Midlands	914	—	992	—	97	2 377
South Eastern	489	—	133	—	4	410
Central	355	—	250	—	4	886
Pilbara	—	—	—	—	—	—
Kimberley	1	13	—	2	—	—
Western Australia						
1995	3 774	14	3 815	2	125	5 814
1994	4 223	15	3 806	4	182	5 798
1993 ¹	3 738	12	4 322	3	147	5 686

¹ Figures have been collected on the basis of EVAO \$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				
	Barley	Field Peas	Lupins	Oats	Wheat
	'000 ha	'000 ha	'000 ha	'000 ha	'000 ha
Perth	0.1	—	0.2	0.9	0.6
South West	6.3	—	2.4	15.5	0.5
Lower Great Southern	186.3	4.4	73.7	83.7	236.3
Upper Great Southern	141.6	8.7	157.3	132.6	682.4
Midlands	124.8	23.1	511.1	109.3	1 877.3
South Eastern	199.0	8.2	39.7	21.5	205.2
Central	55.4	5.6	325.1	26.2	767.8
Pilbara	—	—	—	—	—
Kimberley	—	—	—	—	—
Western Australia	713.4	50.1	1 109.4	389.7	3 770.1

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
	number	number	tonnes	kg/tree	number	number	tonnes	kg/tree
Perth	4 839	21 087	802.6	38.1	1 635	13 744	917.0	66.7
South West	14 733	30 242	1 259.8	41.7	508	624	19.4	31.1
Lower Great Southern	125	3	—	12.0	—	8	0.2	25.0
Upper Great Southern	630	—	1.0	—	—	—	—	—
Midlands	21 177	100 040	2 474.5	24.7	2 078	167	18.2	109.0
South Eastern	—	—	—	—	—	—	—	—
Central	1 823	8 353	626.7	75.0	246	44	4.0	90.9
Pilbara	—	—	—	—	—	—	—	—
Kimberley	2	31	1.0	32.7	17	30	1.4	46.7
Western Australia								
1995	43 329	169 736	5 166.8	32.3	4 484	14 617	960.2	65.7
1994	45 827	175 885	6 294.7	35.8	4 281	15 381	1 239.9	80.8
1993 ²	38 169	151 480	6 518.7	43.0	5 037	14 011	1 190.6	85.0

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
	number	number	tonnes	kg/tree	number	number	tonnes	kg/tree
Perth	6 555	24 216	739.2	30.5	100 932	103 201	5 808.8	56.3
South West	14 066	12 168	469.2	38.6	387 901	371 890	23 968.8	64.5
Lower Great Southern	—	—	—	—	6 025	7 242	116.0	16.0
Upper Great Southern	180	—	0.6	—	70	—	—	—
Midlands	15 910	15 942	355.1	22.3	845	—	4.0	—
South Eastern	—	—	—	—	—	—	—	—
Central	357	603	20.5	34.1	—	—	—	—
Pilbara	—	—	—	—	—	—	—	—
Kimberley	2	—	—	—	—	—	—	—
Western Australia								
1995	37 070	52 929	1 584.6	29.9	495 773	482 333	29 897.7	62.0
1994	35 974	47 903	1 524.5	31.8	512 237	497 059	44 579.2	89.7
1993 ²	30 541	36 004	1 347.5	37.4	371 639	398 196	36 550.6	91.8

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
	number	number	tonnes	kg/tree	number	number	tonnes	kg/tree
Perth	1 819	960	19.0	19.8	16 164	33 427	2 835.5	84.8
South West	13 241	15 383	262.8	17.1	32 468	77 510	5 773.0	74.5
Lower Great Southern	80	30	—	—	92	415	5.3	12.8
Upper Great Southern	—	—	—	—	100	—	—	—
Midlands	2	—	—	—	3	—	—	—
South Eastern	—	—	—	—	—	—	—	—
Central	2	—	—	—	—	—	—	—
Pilbara	—	—	—	—	—	—	—	—
Kimberley	—	—	—	—	—	—	—	—
Western Australia								
1995	15 144	16 373	281.8	17.2	48 827	111 352	8 613.5	77.4
1994	22 099	13 386	282.0	21.1	75 121	103 882	8 585.6	82.6
1993 ²	31 879	5 513	221.8	40.2	62 142	92 608	8 089.2	87.3

¹ Yield is calculated from trees six years and over only. However, the production figure used to calculate yield includes any contribution by trees six 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.

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

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
	number	number	tonnes	kg/tree	number	number	tonnes	kg/tree
Perth	2 741	6 658	225.0	33.7	1 008	2 175	6.0	2.5
South West	4 458	5 187	154.9	29.9	13 225	11 189	46.7	4.2
Lower Great Southern	493	347	4.1	11.9	2 444	2 675	12.8	4.8
Upper Great Southern	60	—	0.4	—	130	—	0.1	—
Midlands	1 145	1 216	31.3	25.7	—	2	—	2.8
South Eastern	—	—	—	—	—	—	—	—
Central	265	—	1.6	—	—	—	—	—
Pilbara	—	—	—	—	—	—	—	—
Kimberley	—	—	—	—	—	—	—	—
Western Australia								
1995	9 162	13 408	416.7	31.1	16 807	16 041	65.2	4.1
1994	7 748	13 901	463.2	33.3	17 006	14 232	124.0	8.7
1993 ²	6 943	14 036	481.4	34.3	20 179	10 471	130.0	12.4

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
	number	number	tonnes	kg/tree	number	number	tonnes	kg/tree
Perth	40 612	28 472	689.8	24.2	41 313	43 630	1 163.4	26.7
South West	70 938	49 933	1 244.3	24.9	28 907	20 035	520.1	26.0
Lower Great Southern	390	303	3.0	9.8	560	572	2.9	5.1
Upper Great Southern	100	—	0.5	—	120	—	0.6	—
Midlands	9 483	5 274	239.2	45.3	13 665	6 397	156.8	24.5
South Eastern	—	—	—	—	—	—	—	—
Central	9 229	96	23.3	242.4	13 101	73	45.0	616.3
Pilbara	—	—	—	—	—	—	—	—
Kimberley	—	—	—	—	—	—	—	—
Western Australia								
1995	130 752	84 078	2 199.9	26.2	97 666	70 707	1 888.8	26.7
1994	125 901	62 044	2 002.2	32.3	87 209	72 433	2 238.7	30.9
1993 ²	101 040	67 368	2 225.5	33.0	82 035	68 338	2 145.3	31.4

Statistical division	Plums and prunes			
	Trees under 6 years	Trees 6 years and over	Production	Yield
	number	number	tonnes	kg/tree
Perth	51 125	63 034	1 925.0	30.5
South West	64 664	65 132	1 338.1	20.5
Lower Great Southern	446	338	2.6	7.7
Upper Great Southern	200	—	—	—
Midlands	1 260	971	9.2	9.5
South Eastern	—	—	—	—
Central	4 558	1	10.0	9 990.0
Pilbara	—	—	—	—
Kimberley	—	—	—	—
Western Australia				
1995	122 253	129 476	3 285.0	25.4
1994	126 154	117 095	3 413.8	29.2
1993 ²	125 615	91 944	3 562.7	38.7

¹ Yield is calculated from trees six years and over only. However, the production figure used to calculate yield includes any contribution by trees six 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	Bananas				Kiwifruit			
	Area not yet bearing	Area of bearing age	Production	Yield	Area not yet bearing	Area of bearing age	Production	Yield
	hectares	hectares	tonnes	t/ha	hectares	hectares	tonnes	t/ha
Perth	—	1.2	35.0	29.2	—	6.8	35.3	5.2
South West	—	—	—	—	—	21.7	344.5	15.9
Lower Great Southern	—	—	—	—	—	2.1	14.3	6.8
Upper Great Southern	—	—	—	—	—	—	—	—
Midlands	20.0	—	—	—	—	—	—	—
South Eastern	—	—	—	—	—	—	—	—
Central	45.8	271.7	8 555.6	31.5	1.0	—	—	—
Pilbara	—	—	—	—	—	—	—	—
Kimberley	29.2	123.1	4 421.7	35.9	—	—	—	—
Western Australia								
1995	95.0	396.0	13 012.3	32.9	1.0	30.6	394.0	12.9
1994	79.3	546.4	18 602.6	34.1	4.0	33.2	302.4	9.1
1993 ²	127.4	438.3	18 094.4	41.3	1.2	30.7	205.4	6.7

Statistical division	Papaws				Strawberries			
	Area not yet bearing	Area of bearing age	Production	Yield	Area not yet bearing	Area of bearing age	Production	Yield
	hectares	hectares	tonnes	t/ha	hectares	hectares	tonnes	t/ha
Perth	—	—	—	—	9.0	85.9	1 764.1	20.5
South West	—	—	—	—	—	5.4	50.0	9.3
Lower Great Southern	—	—	—	—	2.0	8.9	256.1	28.8
Upper Great Southern	—	—	—	—	—	—	—	—
Midlands	—	—	—	—	—	—	—	—
South Eastern	—	—	—	—	—	—	—	—
Central	0.3	7.4	42.8	5.8	—	—	—	—
Pilbara	—	—	—	—	—	—	—	—
Kimberley	2.4	2.6	46.0	17.7	—	—	—	—
Western Australia								
1995	2.7	10.0	88.8	8.9	11.0	100.2	2 070.3	20.7
1994	n.c.	n.c.	n.c.	n.a.	15.6	121.6	2 287.8	18.8
1993 ²	3.0	6.9	151.9	22.0	43.4	101.6	1 716.5	18.9

¹ Yield is calculated from trees six years and over only.² Figures have been collected on the basis of EVAO \$22,500 and over.

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

Statistical division	Avocados				Mangoes			
	Trees under 6 years	Trees 6 years and over	Production	Yield	Trees under 6 years	Trees 6 years and over	Production	Yield
	number	number	tonnes	kg/tree	number	number	tonnes	kg/tree
Perth	3 390	22 860	675.7	29.6	1 344	216	7.6	35.2
South West	13 982	3 910	188.9	48.3	224	—	2.0	—
Lower Great Southern	150	400	0.5	1.3	—	—	—	—
Upper Great Southern	—	—	—	—	—	—	—	—
Midlands	188	9 972	286.0	28.7	4 310	770	9.0	11.7
South Eastern	—	—	—	—	—	—	—	—
Central	1 165	1 964	57.7	29.4	16 454	11 960	706.1	59.0
Pilbara	—	—	—	—	—	—	—	—
Kimberley	20	14	0.3	21.4	8 641	8 424	345.7	41.0
Western Australia								
1995	18 895	39 120	1 209.1	30.9	30 973	21 370	1 070.4	50.1
1994	15 696	29 842	859.3	28.8	25 411	17 622	806.7	45.8
1993²	16 859	29 632	928.7	31.3	24 282	13 568	586.1	41.7

¹ Yield is calculated from trees six years and over only. However, the production figure used to calculate yield includes any contribution by trees six 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 EVAD \$22,500 and over.

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GROSS VALUE OF POME, STONE AND OTHER FRUIT, YEARS ENDED 31 MARCH 1993 TO 1995 PRELIMINARY

	1993	1994	1995p
	\$m	\$m	\$m
Apples	18.1	32.1	36.5
Apricots	1.1	0.6	0.9
Avocados	2.7	2.6	2.5
Bananas	29.1	18.9	16.3
Cherries	0.6	0.8	1.0
Lemons and limes	0.9	0.8	0.8
Mandarins	1.2	2.0	1.9
Mangoes	2.4	2.4	3.3
Nectarines	2.9	4.3	6.6
Oranges	2.0	2.7	2.7
Papaws	0.1	0.2	0.2
Peaches	4.0	2.8	2.0
Pears	5.8	6.2	6.8
Plums and prunes	5.4	3.9	5.9
Strawberries	7.4	9.9	11.7
Other, including nuts	15.6	17.7	21.1
Total	99.3	107.9	120.2

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)		Bearing	Wine - making	Drying	Table and other	Total
	Planted or grafted prior to collection year	During collection year	hectares				
	hectares	hectares	hectares	tonnes	tonnes	tonnes	tonnes
Perth	32.3	20.9	697.2	2 589.0	213.5	2 318.0	5 120.5
South West	107.6	119.0	912.7	5 275.6	—	246.8	5 522.4
Lower Great Southern	18.9	17.5	453.2	3 093.6	—	0.6	3 094.2
Upper Great Southern	1.0	—	17.0	24.0	—	—	24.0
Midlands	27.1	9.1	311.2	1 323.6	217.5	125.0	1 666.1
South Eastern	1.2	—	2.3	8.0	—	—	8.0
Central	9.0	8.6	21.8	—	64.0	50.0	114.0
Pilbara	—	—	—	—	—	—	—
Kimberley	—	—	—	—	—	—	—
Western Australia							
1995	197.1	175.1	2 415.4	12 313.8	495.0	2 740.4	15 549.2
1994	166.7	110.9	2 435.1	12 958.9	1 261.0	2 561.3	16 781.2
1993²	172.1	82.3	2 260.9	10 162.6	1 346.6	2 233.6	13 742.8

¹ Varietal information is available in *Australian Wine and Grape Industry*, Catalogue No. 1329.0.

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

	units	1993 ¹	1994	1995
Beans—french and runner				
Area	ha	144.1	199.4	212.9
Production	t	925.3	1 528.6	1 269.3
Yield	t/ha	6.4	7.7	6.0
Beetroot				
Area	ha	5.2	4.6	7.8
Production	t	117.0	104.1	118.7
Yield	t/ha	22.5	22.6	15.2
Broccoli				
Area	ha	291.7	350.9	286.0
Production	t	2 994.4	3 207.5	2 713.1
Yield	t/ha	10.3	9.1	9.5
Brussel sprouts				
Area	ha	5.0	5.0	5.4
Production	t	63.4	46.0	43.7
Yield	t/ha	12.7	9.2	8.1
Cabbages				
Area	ha	158.5	134.1	158.2
Production	t	7 097.9	6 288.3	7 450.6
Yield	t/ha	44.8	46.9	47.1
Capsicum, chillies and peppers				
Area	ha	123.6	119.4	146.0
Production	t	2 125.2	2 295.8	2 307.8
Yield	t/ha	17.2	19.2	15.8
Carrots				
Area	ha	714.9	814.4	836.0
Production	t	36 439.1	42 756.9	44 672.7
Yield	t/ha	51.0	52.5	53.4
Cauliflower				
Area	ha	898.8	902.6	1 020.5
Production	t	14 656.4	14 066.4	15 676.2
Yield	t/ha	16.3	15.6	15.4
Celery				
Area	ha	76.8	117.9	77.1
Production	t	5 106.6	6 282.1	4 967.3
Yield	t/ha	66.5	53.3	64.4
Chinese cabbage				
Area	ha	133.0	132.9	105.5
Production	t	4 156.2	4 821.3	3 198.2
Yield	t/ha	31.2	36.3	30.3
Cucumber				
Area	ha	128.8	102.7	93.1
Production	t	1 781.8	1 521.5	1 298.2
Yield	t/ha	13.8	14.8	13.9
Green peas				
Area	ha	1 034.1	1 112.0	667.0
Production	t	1 685.1	2 836.8	1 749.8
Yield	t/ha	1.6	2.6	2.6
Leeks				
Area	ha	10.3	6.3	11.9
Production	t	149.0	131.0	175.5
Yield	t/ha	14.5	20.8	14.7
Lettuces				
Area	ha	376.8	408.4	434.1
Production	t	17 450.8	15 877.5	13 545.4
Yield	t/ha	46.3	38.9	31.2
Marrows and squashes				
Area	ha	18.8	17.2	28.6
Production	t	96.5	57.4	162.2
Yield	t/ha	5.1	3.3	5.7
Melons—water				
Area	ha	554.8	468.1	638.9
Production	t	11 752.8	11 512.0	15 674.2
Yield	t/ha	21.2	24.6	24.5

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

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AREA, PRODUCTION AND YIELD OF VEGETABLES FOR HUMAN CONSUMPTION,
YEARS ENDED 31 MARCH 1993 TO 1995 - *continued*

	units	1993 ¹	1994	1995
Melons—rock and canteloupe				
Area	ha	718.9	545.2	526.7
Production	t	10 339.7	8 253.2	8 294.1
Yield	t/ha	14.4	15.1	15.7
Mushrooms				
Area	ha	12.0	9.4	10.2
Production	t	1 058.8	1 158.5	1 284.7
Yield	t/ha	88.2	123.2	126.0
Onions				
Area	ha	321.2	376.8	398.0
Production	t	18 936.1	22 479.8	22 691.1
Yield	t/ha	59.0	59.7	57.0
Parsley				
Area	ha	3.3	3.1	3.5
Production	t	32.7	44.5	20.9
Yield	t/ha	9.9	14.4	6.0
Parsnips				
Area	ha	20.3	48.4	58.0
Production	t	341.9	962.3	917.1
Yield	t/ha	16.8	19.9	15.8
Potatoes ²				
Area	ha	2 640.1	2 720.4	2 553.0
Production	t	108 170.7	111 812.6	103 572.5
Yield	t/ha	41.0	41.1	40.6
Pumpkins				
Area	ha	610.4	535.4	511.6
Production	t	11 107.0	9 534.8	9 152.2
Yield	t/ha	18.2	17.8	17.9
Snow peas				
Area	ha	1.1	2.7	4.3
Production	t	5.1	2.0	2.3
Yield	t/ha	4.6	0.7	0.5
Spring onions				
Area	ha	20.1	20.4	13.9
Production	t	504.2	673.6	536.6
Yield	t/ha	25.1	33.0	38.6
Swedes				
Area	ha	16.2	16.6	13.5
Production	t	274.1	245.1	212.8
Yield	t/ha	16.9	14.8	15.8
Sweet corn				
Area	ha	108.7	72.5	86.6
Production	t	1 038.1	742.4	1 168.0
Yield	t/ha	9.6	10.2	13.5
Sweet potatoes				
Area	ha	10.3	9.7	22.3
Production	t	163.5	134.2	301.9
Yield	t/ha	15.9	13.8	13.5
Tomatoes				
Area	ha	246.7	225.0	192.7
Production	t	8 385.2	8 193.8	7 693.6
Yield	t/ha	34.0	36.4	39.9
Zucchini				
Area	ha	53.9	60.7	67.5
Production	t	567.7	521.2	608.9
Yield	t/ha	10.5	8.6	9.0

¹ Figures have been collected on the basis of EVAO \$22,500 and over.² Includes potato for seed in 1992-93 and 1993-94.

	units	Perth	South West	Lower Great Southern	Upper Great Southern	Midlands	South Eastern
Beans—french and runner							
Area	ha	10.5	75.4	9.4	—	—	—
Production	t	56.8	725.1	69.1	—	—	—
Yield	t/ha	5.4	9.6	7.4	—	—	—
Beetroot							
Area	ha	7.3	—	—	—	0.5	—
Production	t	115.7	—	—	—	3.0	—
Yield	t/ha	15.8	—	—	—	6.0	—
Broccoli							
Area	ha	175.1	86.6	19.0	—	5.0	—
Production	t	1 853.3	661.6	146.6	—	48.7	—
Yield	t/ha	10.6	7.6	7.7	—	9.7	—
Brussel sprouts							
Area	ha	3.5	1.9	—	—	—	—
Production	t	24.9	18.7	—	—	—	—
Yield	t/ha	7.1	9.8	—	—	—	—
Cabbages							
Area	ha	115.0	41.5	0.7	—	0.4	—
Production	t	5 467.2	1 930.0	19.0	—	7.2	—
Yield	t/ha	47.5	46.5	27.1	—	18.0	—
Capsicum, chillies and peppers							
Area	ha	41.3	3.1	0.3	—	—	—
Production	t	567.7	40.9	1.7	—	—	—
Yield	t/ha	13.7	13.2	5.7	—	—	—
Carrots							
Area	ha	321.2	87.2	2.6	—	411.7	—
Production	t	12 358.8	5 898.6	76.0	—	25 668.5	—
Yield	t/ha	38.5	67.6	29.2	—	62.3	—
Cauliflower							
Area	ha	183.5	784.5	41.5	—	10.7	—
Production	t	3 567.0	11 325.5	566.6	—	212.0	—
Yield	t/ha	19.4	14.4	13.7	—	19.8	—
Celery							
Area	ha	35.3	41.0	0.5	—	—	—
Production	t	3 324.6	1 619.7	4.0	—	—	—
Yield	t/ha	94.2	39.5	8.0	—	—	—
Chinese cabbage							
Area	ha	53.7	46.8	—	—	5.0	—
Production	t	1 548.2	1 474.0	—	—	176.0	—
Yield	t/ha	28.8	31.5	—	—	35.2	—
Cucumber							
Area	ha	30.4	3.8	0.5	0.2	1.5	—
Production	t	577.3	54.0	8.8	4.5	5.8	—
Yield	t/ha	19.0	14.2	17.6	22.5	3.9	—
Green peas							
Area	ha	2.3	114.6	547.1	—	0.3	—
Production	t	9.6	300.3	1 431.4	—	1.2	—
Yield	t/ha	4.2	2.6	2.6	—	4.0	—
Leeks							
Area	ha	11.2	0.5	0.2	—	—	—
Production	t	170.0	4.0	1.5	—	—	—
Yield	t/ha	15.2	8.0	7.5	—	—	—
Lettuces							
Area	ha	386.5	13.9	4.0	—	28.8	—
Production	t	12 247.2	397.3	94.0	—	796.0	—
Yield	t/ha	31.7	28.6	23.5	—	27.6	—
Marrows and squashes							
Area	ha	8.3	0.7	1.5	—	2.0	—
Production	t	22.5	5.3	14.1	—	12.0	—
Yield	t/ha	2.7	7.6	9.4	—	6.0	—
Melons—water							
Area	ha	37.5	87.7	—	—	13.0	—
Production	t	857.1	1 422.1	—	—	267.5	—
Yield	t/ha	22.9	16.2	—	—	20.6	—

	<i>units</i>	<i>Central</i>	<i>Pilbara</i>	<i>Kimberley</i>	<i>Western Australia</i>
Beans—french and runner					
Area	ha	37.5	—	80.1	212.9
Production	t	258.2	—	160.1	1 269.3
Yield	t/ha	6.9	—	2.0	6.0
Beetroot					
Area	ha	—	—	—	7.8
Production	t	—	—	—	118.7
Yield	t/ha	—	—	—	15.2
Broccoli					
Area	ha	—	—	0.3	286.0
Production	t	—	—	2.9	2 713.1
Yield	t/ha	—	—	9.7	9.5
Brussel sprouts					
Area	ha	—	—	—	5.4
Production	t	—	—	—	43.7
Yield	t/ha	—	—	—	8.1
Cabbages					
Area	ha	0.3	—	0.3	158.2
Production	t	13.6	—	13.6	7 450.6
Yield	t/ha	45.3	—	45.3	47.1
Capsicum, chillies and peppers					
Area	ha	100.5	—	0.8	146.0
Production	t	1 691.1	—	6.4	2 307.8
Yield	t/ha	16.8	—	8.0	15.8
Carrots					
Area	ha	12.0	—	1.3	836.0
Production	t	600.0	—	70.8	44 672.7
Yield	t/ha	50.0	—	54.5	53.4
Cauliflower					
Area	ha	—	—	0.3	1 020.5
Production	t	—	—	5.1	15 676.2
Yield	t/ha	—	—	17.0	15.4
Celery					
Area	ha	—	—	0.3	77.1
Production	t	—	—	19.0	4 967.3
Yield	t/ha	—	—	63.3	64.4
Chinese cabbage					
Area	ha	—	—	—	105.5
Production	t	—	—	—	3 198.2
Yield	t/ha	—	—	—	30.3
Cucumber					
Area	ha	51.3	0.1	5.3	93.1
Production	t	618.7	0.5	28.7	1 298.2
Yield	t/ha	12.1	5.0	5.4	13.9
Green peas					
Area	ha	2.7	—	—	667.0
Production	t	7.3	—	—	1 749.8
Yield	t/ha	2.7	—	—	2.6
Leeks					
Area	ha	—	—	—	11.9
Production	t	—	—	—	175.5
Yield	t/ha	—	—	—	14.7
Lettuces					
Area	ha	0.1	—	0.8	434.1
Production	t	2.6	—	8.3	13 545.4
Yield	t/ha	26.0	—	10.4	31.2
Marrows and squashes					
Area	ha	5.1	—	11.0	28.6
Production	t	35.9	—	72.4	162.2
Yield	t/ha	7.0	—	6.6	5.7
Melons—water					
Area	ha	83.9	0.5	416.3	638.9
Production	t	1 701.7	8.0	11 417.8	15 674.2
Yield	t/ha	20.3	16.0	27.4	24.5

	units	Perth	South West	Lower Great Southern	Upper Great Southern	Midlands	South Eastern
Melons—rock and canteloupe							
Area	ha	34.8	7.2	—	—	17.0	—
Production	t	557.4	153.0	—	—	196.8	—
Yield	t/ha	16.0	21.3	—	—	11.6	—
Mushrooms							
Area	ha	10.2	—	—	—	—	—
Production	t	1 284.7	—	—	—	—	—
Yield	t/ha	126.0	—	—	—	—	—
Onions							
Area	ha	143.7	167.4	0.5	—	53.0	—
Production	t	7 175.5	11 279.2	15.0	—	2 862.0	—
Yield	t/ha	49.9	67.4	30.0	—	54.0	—
Parsley							
Area	ha	3.2	—	—	—	—	—
Production	t	18.5	—	—	—	—	—
Yield	t/ha	5.8	—	—	—	—	—
Parsnips							
Area	ha	57.3	—	0.4	—	—	—
Production	t	905.6	—	6.0	—	—	—
Yield	t/ha	15.8	—	15.0	—	—	—
Potatoes							
Area	ha	251.0	2 087.2	125.4	—	64.3	—
Production	t	10 299.0	85 940.4	4 065.4	—	1 766.0	—
Yield	t/ha	41.0	41.2	32.4	—	27.5	—
Pumpkins							
Area	ha	62.8	124.9	4.9	0.4	12.5	—
Production	t	1 108.3	1 922.7	55.0	5.0	220.4	—
Yield	t/ha	17.6	15.4	11.2	12.5	17.6	—
Snow peas							
Area	ha	0.3	4.0	—	—	—	—
Production	t	1.0	1.3	—	—	—	—
Yield	t/ha	3.3	0.3	—	—	—	—
Spring onions							
Area	ha	13.7	—	—	—	—	—
Production	t	531.6	—	—	—	—	—
Yield	t/ha	38.8	—	—	—	—	—
Swedes							
Area	ha	5.8	6.2	1.0	—	0.5	—
Production	t	106.7	91.6	7.5	—	7.0	—
Yield	t/ha	18.4	14.8	7.5	—	14.0	—
Sweet corn							
Area	ha	34.8	31.0	7.1	—	2.0	—
Production	t	642.6	339.1	72.6	—	13.0	—
Yield	t/ha	18.5	10.9	10.2	—	6.5	—
Sweet potatoes							
Area	ha	9.1	—	—	—	—	—
Production	t	160.4	—	—	—	—	—
Yield	t/ha	17.6	—	—	—	—	—
Tomatoes							
Area	ha	45.4	33.2	2.0	—	—	—
Production	t	1 848.3	1 537.0	54.5	—	—	—
Yield	t/ha	40.7	46.3	27.3	—	—	—
Zucchini							
Area	ha	12.4	2.0	—	—	4.3	—
Production	t	129.5	30.2	—	—	34.0	—
Yield	t/ha	10.4	15.1	—	—	7.9	—

	<i>units</i>	<i>Central</i>	<i>Pilbara</i>	<i>Kimberley</i>	<i>Western Australia</i>
Melons—rock and canteloupe					
Area	ha	82.4	—	385.3	526.7
Production	t	1 504.4	—	5 882.5	8 294.1
Yield	t/ha	18.3	—	15.3	15.7
Mushrooms					
Area	ha	—	—	—	10.2
Production	t	—	—	—	1 284.7
Yield	t/ha	—	—	—	126.0
Onions					
Area	ha	27.0	—	6.4	398.0
Production	t	1 200.0	—	159.4	22 691.1
Yield	t/ha	44.4	—	24.9	57.0
Parsley					
Area	ha	0.1	—	0.2	3.5
Production	t	1.3	—	1.1	20.9
Yield	t/ha	13.0	—	5.5	6.0
Parships					
Area	ha	—	—	0.3	58.0
Production	t	—	—	5.5	917.1
Yield	t/ha	—	—	18.3	15.8
Potatoes					
Area	ha	25.1	—	—	2 553.0
Production	t	1 501.7	—	—	103 572.5
Yield	t/ha	59.8	—	—	40.6
Pumpkins					
Area	ha	43.3	—	262.8	511.6
Production	t	537.9	—	5 302.9	9 152.2
Yield	t/ha	12.4	—	20.2	17.9
Snow peas					
Area	ha	—	—	—	4.3
Production	t	—	—	—	2.3
Yield	t/ha	—	—	—	0.5
Spring onions					
Area	ha	—	—	0.2	13.9
Production	t	—	—	5.0	536.6
Yield	t/ha	—	—	25.0	38.6
Swedes					
Area	ha	—	—	—	13.5
Production	t	—	—	—	212.8
Yield	t/ha	—	—	—	15.8
Sweet corn					
Area	ha	11.4	—	0.3	86.6
Production	t	98.1	—	2.6	1 168.0
Yield	t/ha	8.6	—	8.7	13.5
Sweet potatoes					
Area	ha	0.9	—	12.3	22.3
Production	t	7.0	—	134.5	301.9
Yield	t/ha	7.8	—	10.9	13.5
Tomatoes					
Area	ha	109.5	—	2.6	192.7
Production	t	4 230.8	—	23.0	7 693.6
Yield	t/ha	38.6	—	8.8	39.9
Zucchini					
Area	ha	26.9	—	21.9	67.5
Production	t	263.1	—	152.0	608.9
Yield	t/ha	9.8	—	6.9	9.0

26

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

	1993	1994	1995p
	\$m	\$m	\$m
Asparagus	0.2	0.4	0.6
Beans—french and runner	1.8	2.2	1.6
Beetroot	0.1	0.1	0.1
Broccoli	4.7	2.3	2.0
Cabbages and brussel sprouts	2.1	2.6	2.0
Capsicum, chillies and peppers	2.4	5.2	5.1
Carrots	20.1	23.8	31.1
Cauliflower	15.5	15.3	22.4
Celery	3.4	3.2	3.0
Cucumbers	1.3	1.6	1.5
Green peas (pod weight)	0.5	0.7	1.6
Lettuces	8.3	5.5	8.3
Marrows and squashes	0.2	0.2	0.3
Melons—water	3.5	3.8	4.9
Melons—rock and cantaloupe	5.6	5.3	7.6
Mushrooms	5.1	5.2	5.2
Onions, white and brown	5.8	6.0	9.1
Parsnips	0.4	0.9	1.5
Potatoes	35.1	33.8	37.6
Pumpkins	8.6	3.8	5.3
Swedes	0.2	0.2	0.2
Sweet corn	0.9	0.8	1.2
Tomatoes	9.1	8.5	9.2
Zucchini	0.4	0.7	0.8
Other vegetables	4.6	6.9	4.5
Total vegetables	139.9	139.0	166.7

27

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

	Nurseries	Cut flowers	Cultivated turf	Total
Statistical division	hectares	hectares	hectares	hectares
Perth	331.6	220.9	120.3	672.8
South West	96.9	184.9	29.0	310.8
Lower Great Southern	121.5	209.4	—	330.9
Upper Great Southern	1.0	33.1	—	34.1
Midlands	12.1	313.8	—	325.9
South Eastern	1.2	—	—	1.2
Central	4.8	380.0	—	384.8
Pilbara	—	—	—	—
Kimberley	7.8	—	—	7.8
Western Australia	576.9	1 342.1	149.3	2 068.3

LIVESTOCK AND LIVESTOCK PRODUCTS

28

MEAT CATTLE NUMBERS BY STATISTICAL DIVISION, AT 31 MARCH 1995

<i>Statistical division</i>	<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 cattle herd</i>
	'000	'000	'000	'000	'000	%
Perth	0.8	13.2	6.4	4.6	25.0	1.4
South West	8.2	167.6	107.8	101.9	385.5	21.7
Lower Great Southern	5.9	117.1	65.9	34.6	223.4	12.6
Upper Great Southern	1.4	21.4	12.2	6.1	41.1	2.3
Midlands	4.0	73.6	38.6	25.3	141.6	8.0
South Eastern	3.7	60.5	38.2	9.5	111.9	6.3
Central	2.9	68.4	34.8	20.7	126.8	7.2
Pilbara	3.9	84.9	34.8	24.2	147.8	8.3
Kimberley	16.1	339.1	95.5	119.2	569.9	32.1
Western Australia						
1996	46.8	945.9	434.1	346.2	1 773.1	100.0
1994	46.1	950.5	398.5	288.4	1 682.5	100.0

29

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

<i>Statistical division</i>	<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>
	number	number	number	number	number	%
Perth	170	196	180	121	230	4.5
South West	1 506	1 620	1 551	1 385	2 051	40.5
Lower Great Southern	910	996	902	600	1 050	20.7
Upper Great Southern	259	288	266	151	302	6.0
Midlands	605	659	620	350	727	14.4
South Eastern	226	249	227	123	263	5.2
Central	247	272	241	171	290	5.7
Pilbara	51	51	48	48	51	1.0
Kimberley	84	90	79	91	97	1.9
Western Australia						
1996	4 058	4 421	4 114	3 040	5 061	100.0
1994	4 061	4 495	3 997	2 523	5 121	100.0

<i>Herd size</i>	1994		1995	
	<i>Establishments</i>	<i>Percentage of meat cattle establishments</i>	<i>Establishments</i>	<i>Percentage of meat cattle establishments</i>
	number	%	number	%
1-29	861	16.8	768	15.2
30-49	567	11.1	525	10.4
50-69	455	8.9	490	9.7
70-99	590	11.5	580	11.5
100-149	649	12.7	699	13.8
150-199	478	9.3	459	9.1
200-299	562	11.0	547	10.8
300-399	255	5.0	257	5.1
400-499	152	3.0	171	3.4
500-699	162	3.2	181	3.6
700-999	137	2.7	130	2.6
1 000-1 499	85	1.7	88	1.7
1 500-1 999	35	0.7	41	0.8
2 000-4 999	83	1.6	73	1.4
5 000-9 999	32	0.6	32	0.6
10 000 and over	18	0.4	20	0.4
Total establishments	5 121	100.0	5 061	100.0

<i>Herd size</i>	1994		1995	
	<i>Meat cattle</i>	<i>Percentage of total meat cattle</i>	<i>Meat cattle</i>	<i>Percentage of total meat cattle</i>
	'000	%	'000	%
1-29	12.6	0.7	11.2	0.6
30-49	22.5	1.3	20.7	1.2
50-69	26.9	1.6	29.0	1.6
70-99	48.9	2.9	48.3	2.7
100-149	78.6	4.7	85.6	4.8
150-199	82.3	4.9	79.4	4.5
200-299	135.8	8.1	133.2	7.5
300-399	87.4	5.2	88.6	5.0
400-499	67.6	4.0	75.3	4.2
500-699	94.9	5.6	106.9	6.0
700-999	111.5	6.6	108.2	6.1
1 000-1 499	100.6	6.0	105.6	6.0
1 500-1 999	61.6	3.7	70.7	4.0
2 000-4 999	255.7	15.2	219.0	12.4
5 000-9 999	218.1	13.0	215.8	12.2
10 000 and over	277.5	16.5	375.6	21.2
Total	1 682.5	100.0	1 773.1	100.0

31 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 cattle herd
	'000	'000	'000	%
Perth	3.7	2.1	5.8	4.6
South West	65.1	47.7	112.7	89.4
Lower Great Southern	3.8	2.5	6.3	5.0
Upper Great Southern	—	—	0.1	0.1
Midlands	0.2	0.2	0.4	0.3
South Eastern	0.1	0.1	0.1	0.1
Central	—	—	0.1	0.1
Pilbara	—	—	—	—
Kimberley	0.3	0.2	0.5	0.4
Western Australia				
1995	73.2	52.8	126.0	100.0
1994	73.8	49.3	123.0	100.0

¹ Excluding house cows and heifers.

32 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	Percentage of total milk cattle establishments
	number	number	number	%
Perth	21	22	22	3.8
South West	459	454	488	83.8
Lower Great Southern	33	29	34	5.8
Upper Great Southern	5	6	6	1.0
Midlands	16	14	19	3.3
South Eastern	7	5	8	1.4
Central	4	1	4	0.7
Pilbara	—	—	—	—
Kimberley	1	1	1	0.2
Western Australia				
1995	546	532	582	100.0
1994	591	616	667	100.0

¹ Excludes establishments with house cows and heifers only.

33

NUMBER OF ESTABLISHMENTS¹ BY SIZE OF MILK CATTLE HERD, AT 31 MARCH 1994 AND 1995

Herd size	1994		1995	
	Establishments	Percentage of milk cattle establishments	Establishments	Percentage of milk cattle establishments
	number	%	number	%
1-49	165	24.7	88	15.1
50-99	43	6.4	43	7.4
100-149	80	12.0	86	14.8
150-199	92	13.8	79	13.6
200-249	103	15.4	93	16.0
250-99	62	9.3	56	9.6
300-349	44	6.6	45	7.7
350-399	30	4.5	31	5.3
400-499	23	3.4	27	4.6
500 and over	25	3.7	34	5.8
Total establishments	667	100.0	582	100.0

Herd size	1994		1995	
	Milk cattle	Percentage of total milk cattle	Milk cattle	Percentage of total milk cattle
	'000	%	'000	%
1-49	1.9	1.5	1.7	1.3
50-99	3.3	2.7	3.2	2.5
100-149	10.2	8.3	10.9	8.7
150-199	16.1	13.1	13.6	10.8
200-249	22.7	18.5	20.5	16.3
250-299	16.9	13.7	15.1	12.0
300-349	14.0	11.4	14.5	11.5
350-399	11.0	8.9	11.6	9.2
400-499	10.3	8.4	12.1	9.6
500 and over	16.6	13.5	22.8	18.1
Total	123.0	100.0	126.0	100.0

¹ Excludes establishments with house cows and heifers only.

34

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

Statistical division	Sheep ¹	Lambs and hoggets	Total sheep and lambs	Percentage of total sheep flock
	(1 year and over)	(under 1 year)		
	'000	'000	'000	%
Perth	91.4	12.2	103.6	0.3
South West	1 300.5	325.0	1 625.5	5.4
Lower Great Southern	5 830.3	1 642.9	7 473.2	24.7
Upper Great Southern	5 181.3	1 645.3	6 826.6	22.6
Midlands	5 082.3	1 664.0	6 746.3	22.3
South Eastern	2 328.2	632.2	2 960.4	9.8
Central	3 319.4	897.4	4 216.8	14.0
Pilbara	220.1	45.4	265.5	0.9
Kimberley	—	—	—	—
Western Australia				
1995	23 353.4	6 864.4	30 217.9	100.0
1994	24 437.7	7 513.8	31 951.5	100.0

¹ Sheep one year and over including rams, ewes and wethers.

35

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	Percentage of total establishments with sheep and lambs
	number	number	number	%
Perth	121	63	127	1.4
South West	827	590	857	9.5
Lower Great Southern	1 921	1 547	1 940	21.5
Upper Great Southern	1 722	1 502	1 729	19.2
Midlands	2 597	2 144	2 630	29.2
South Eastern	648	529	654	7.2
Central	1 050	868	1 063	11.8
Pilbara	21	19	21	0.2
Kimberley	—	—	—	—
Western Australia				
1995	8 907	7 262	9 021	100.0
1994	9 536	7 855	9 600	100.0

¹ Sheep one year and over including rams, ewes and wethers.

NUMBER OF ESTABLISHMENTS AND NUMBER OF SHEEP AND LAMBS BY SIZE OF FLOCK,
AT 31 MARCH 1994 AND 1995

Flock size	1994		1995	
	Establishments	Percentage of establishments with sheep and lambs	Establishments	Percentage of establishments with sheep and lambs
	number	%	number	%
1-499	1 127	11.7	1 083	12.0
500-999	873	9.1	791	8.8
1 000-1 499	969	10.1	912	10.1
1 500-1 999	977	10.2	912	10.1
2 000-2 499	963	10.0	893	9.9
2 500-2 999	795	8.3	729	8.1
3 000-3 999	1 211	12.6	1 185	13.1
4 000-4 999	837	8.7	777	8.6
5 000-5 999	558	5.8	507	5.6
6 000-6 999	358	3.7	339	3.8
7 000-7 999	226	2.4	205	2.3
8 000-8 999	167	1.7	170	1.9
9 000-9 999	107	1.1	104	1.2
10 000 and over	432	4.5	414	4.6
Total establishments	9 600	100.0	9 021	100.0

Flock size	1994		1995	
	Sheep and lambs	Percentage of total sheep and lambs	Sheep and lambs	Percentage of total sheep and lambs
	'000	%	'000	%
1-499	236.3	0.7	220.9	0.7
500-999	646.1	2.0	585.9	1.9
1 000-1 499	1 208.7	3.8	1 137.1	3.8
1 500-1 999	1 698.8	5.3	1 579.1	5.2
2 000-2 499	2 156.9	6.8	1 991.2	6.6
2 500-2 999	2 177.3	6.8	1 983.7	6.6
3 000-3 999	4 165.6	13.0	4 067.9	13.5
4 000-4 999	3 716.2	11.6	3 453.7	11.4
5 000-5 999	3 040.5	9.5	2 743.2	9.1
6 000-6 999	2 311.6	7.2	2 172.2	7.2
7 000-7 999	1 686.4	5.3	1 520.2	5.0
8 000-8 999	1 412.4	4.4	1 433.3	4.7
9 000-9 999	1 009.0	3.2	981.4	3.2
10 000 and over	6 485.7	20.3	6 348.0	21.0
Total	31 951.5	100.0	30 217.9	100.0

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LAMBING BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1995

Statistical division	Ewes mated ¹	Lambs marked	Lamb marking ratio ²	Lambing expectations year ended 31 March 1996 ³		
				Joined to merino rams	Joined to other rams	Total
	'000	'000	%	'000	'000	'000
Perth	21.0	14.6	69.5	5.7	11.8	17.5
South West	674.2	502.6	74.5	466.3	228.0	694.2
Lower Great Southern	2 971.6	2 129.7	71.7	2 529.8	574.3	3 104.2
Upper Great Southern	2 872.0	2 073.4	72.2	2 655.4	373.1	3 028.5
Midlands	3 138.0	2 286.4	72.9	2 580.9	654.4	3 235.3
South Eastern	1 356.2	839.0	61.9	1 297.5	119.5	1 417.0
Central	1 799.0	1 190.9	66.2	1 681.3	184.1	1 865.3
Pilbara	93.9	43.5	46.3	96.1	0.8	96.9
Kimberley	—	—	—	—	—	—
Western Australia						
1995	12 925.9	9 080.1	70.2	11 313.0	2 148.0	13 459.0
1994	12 988.2	9 874.0	76.0	11 550.5	2 398.0	13 948.5

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 pigs	Percentage of total pigs	Total establishments	Percentage of total pig establishments
	'000	%	number	%
Perth	19.5	6.2	15	1.8
South West	44.3	14.0	63	7.5
Lower Great Southern	54.3	17.2	132	15.7
Upper Great Southern	67.0	21.2	178	21.2
Midlands	106.2	33.6	348	41.4
South Eastern	7.4	2.3	34	4.0
Central	17.6	5.6	66	7.8
Pilbara	—	—	1	0.1
Kimberley	0.1	—	4	0.5
Western Australia				
1995	316.4	100.0	841	100.0
1994	311.6	100.0	890	100.0

¹ Includes suckers, weaners, growers etc.

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NUMBER OF ESTABLISHMENTS AND NUMBER OF PIGS BY SIZE OF PIG HERD¹, AT 31 MARCH 1994 AND 1995

Herd size	1994		1995	
	Establishments	Percentage of establishments with pigs	Establishments	Percentage of establishments with pigs
	number	%	number	%
1-9	62	7.0	79	9.4
10-19	72	8.1	71	8.4
20-29	72	8.1	63	7.5
30-39	60	6.7	43	5.1
40-49	48	5.4	46	5.5
50-69	79	8.9	62	7.4
70-99	73	8.2	68	8.1
100-149	79	8.9	66	7.8
150-199	55	6.2	51	6.1
200-299	77	8.7	74	8.8
300-499	85	9.6	90	10.7
500-699	34	3.8	36	4.3
700-999	39	4.4	35	4.2
1 000 and over	55	6.2	57	6.8
Total establishments	890	100.0	841	100.0

Herd size	1994		1995	
	Pigs	Percentage of total pigs	Pigs	Percentage of total pigs
	'000	%	'000	%
1-9	0.3	0.1	0.3	0.1
10-19	1.1	0.3	0.9	0.3
20-29	1.8	0.6	1.5	0.5
30-39	2.1	0.7	1.4	0.4
40-49	2.2	0.7	2.0	0.6
50-69	4.5	1.5	3.5	1.1
70-99	6.0	1.9	5.5	1.7
100-149	9.9	3.2	7.7	2.4
150-199	9.7	3.1	8.4	2.7
200-299	18.6	6.0	17.4	5.5
300-499	32.9	10.6	34.4	10.9
500-699	21.4	6.9	21.3	6.7
700-999	31.9	10.2	28.9	9.1
1 000 and over	169.4	54.3	183.2	57.9
Total	311.6	100.0	316.4	100.0

¹ Includes suckers, weaners, growers etc.

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POULTRY NUMBERS BY STATISTICAL DIVISION, AT 31 MARCH 1995

Statistical division	Chickens	
	For egg production	For meat production
	'000	'000
Perth	871.8	5 089.6
South West	49.7	0.3
Lower Great Southern	20.7	5.1
Upper Great Southern	7.0	0.5
Midlands	23.3	57.8
South Eastern	18.7	—
Central	33.8	—
Pilbara	—	—
Kimberley	15.3	—
Western Australia		
1995	1 040.3	5 153.3
1994	925.9	4 375.4

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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
	number	number	number	number
Perth	12	79	839	1 304
South West	27	133	7 663	1 700
Lower Great Southern	12	55	2 411	594
Upper Great Southern	2	35	673	246
Midlands	8	56	1 945	552
South Eastern	4	13	371	78
Central	2	23	244	146
Pilbara	—	4	—	15
Kimberley	—	9	—	169
Western Australia				
1995	67	407	14 146	4 804
1994	71	434	13 565	5 875

¹ Comprises horses on establishments with agricultural activity.

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LIVESTOCK SLAUGHTERINGS AND LIVESTOCK PRODUCTS, YEARS ENDED 30 JUNE 1993 TO 1995

	Units	1993	1994	1995
Number of livestock slaughtered ^{1, 2}				
Cattle	'000	452.3	438.8	430.5
Calves	'000	4.6	4.4	4.4
Sheep	'000	3 752.3	2 952.2	2 438.1
Lambs	'000	1 480.8	1 553.2	1 263.7
Pigs	'000	567.6	550.4	604.1
Chickens	'000	30 575.5	31 481.6	33 938.6
Meat produced ^{1, 3}				
Beef	tonnes	100 196	101 513	97 140
Veal	tonnes	303	296	287
Mutton	tonnes	76 921	61 731	47 776
Lamb	tonnes	23 395	24 936	18 955
Pigmeat	tonnes	33 562	32 423	37 109
Chickens	tonnes	37 740	39 386	42 007
Whole milk intake by factories ⁴				
	million litres	324	344	343
Wool ⁵				
Brokers and dealer receipts of taxable wool	tonnes	203 626	212 266	173 383
Eggs produced ⁶				
	'000 dozen	n.c.	n.c.	19.9
Honey produced				
	'000 kg	2 039.1	2 172.1	1 768.3

¹ Source: ABS Monthly Livestock Products, Catalogue No. 7215.0.

² Includes estimates of animals slaughtered on farms and by 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 1995 PRELIMINARY

	1993	1994	1995p
	\$m	\$m	\$m
Livestock slaughterings ¹			
Cattle and calves	186.7	217.6	292.9
Sheep and lambs ²	165.0	185.3	172.6
Pigs	64.1	68.6	74.4
Poultry	68.0	71.8	78.8
Other	0.3	2.4	1.4
Total	484.1	545.7	620.1
Wool			
Shorn and crutched	597.7	590.1	788.9
Other ³	7.1	14.5	16.0
Total	604.8	604.7	804.9
Production of milk			
Manufacturing	33.5	36.2	34.3
Human consumption	80.6	85.0	90.5
Total	114.0	121.2	124.8
Eggs	30.4	32.4	31.6
Honey and beeswax	2.8	2.4	2.0

¹ Includes net exports of livestock.

² Excludes value of wool on skins.

³ Includes dead and fellmongered wool and wool on skins.

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

	units	1994	1995
Number of apiarists	number	68	70
Beehives			
Productive ¹	number	20 755	19 919
Unproductive	number	7 128	7 727
Total	number	27 883	27 646
Honey produced			
Quantity	kg	2 172 080	1 768 264
Average production ²	kg/hive	104.7	88.8
Beeswax	kg	47 237	35 136

¹ Beehives from which honey was taken.

² Average production per productive beehive.

FARM FINANCES

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SELECTED FINANCIAL STATISTICS, FARM BUSINESSES, BY INDUSTRY, AGGREGATES, 1992-93 TO 1993-94

Items	Poultry 0141-0142				Fruit 0114-0119			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	0.3	*	—	—	77.9	17	124.0	16
Sales from livestock	4.9	6	2.7	4	1.4	58	6.8	44
Sales from livestock products	35.8	16	46.4	19	0.5	78	1.1	71
Turnover	47.1	7	62.2	9	87.1	16	138.0	15
Purchases and selected expenses	30.1	9	40.1	12	48.6	14	83.4	15
Value added ¹	17.1	13	22.9	12	38.5	21	55.1	21
Adjusted value added ¹	15.2	14	20.0	16	33.4	24	46.0	27
Gross operating surplus ¹	8.1	25	10.1	39	23.9	30	25.7	67
Interest paid	3.3	23	2.7	26	4.5	32	8.6	22
Cash operating surplus ²	5.0	46	7.0	74	19.6	35	17.2	*
Gross indebtedness	33.3	22	58.5	21	40.6	30	108.3	34
Total net capital expenditure	6.7	63	9.5	54	4.4	30	20.2	43

Items	Vegetables 0113				Grain 0121			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	96.3	13	114.7	35	633.7	8	931.7	7
Sales from livestock	8.4	32	3.5	*	45.5	22	97.0	14
Sales from livestock products	1.3	37	—	*	71.2	13	121.7	10
Turnover	113.5	14	119.3	31	777.1	8	1 200.9	7
Purchases and selected expenses	64.1	13	59.5	29	456.7	8	751.2	7
Value added ¹	48.5	14	61.2	32	319.1	9	535.1	8
Adjusted value added ¹	43.5	14	57.7	34	277.1	9	464.8	8
Gross operating surplus ¹	29.1	15	43.5	34	237.8	10	411.9	8
Interest paid	7.0	26	1.0	*	49.0	16	67.5	13
Cash operating surplus ²	25.6	18	41.3	39	196.6	12	263.5	10
Gross indebtedness	73.0	25	16.8	*	514.1	13	971.3	13
Total net capital expenditure	17.1	26	4.1	*	82.9	22	157.9	13

Items	Grain-sheep-beef 0122				Sheep-beef cattle 0123			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	649.0	8	402.3	10	8.4	39	2.4	64
Sales from livestock	121.9	14	123.7	17	53.3	17	52.7	33
Sales from livestock products	289.0	8	285.7	11	34.3	27	39.9	30
Turnover	1 091.2	7	839.4	9	116.4	24	98.0	30
Purchases and selected expenses	666.6	7	489.8	9	79.7	23	50.5	27
Value added ¹	425.6	8	527.3	9	41.6	33	62.5	33
Adjusted value added ¹	353.1	8	472.9	9	31.1	38	55.9	34
Gross operating surplus ¹	295.4	9	431.1	10	21.3	50	50.5	38
Interest paid	68.0	12	45.2	17	12.9	34	9.2	39
Cash operating surplus ²	230.4	12	219.8	13	11.1	65	27.0	48
Gross indebtedness	796.5	12	588.2	14	252.4	49	101.0	26
Total net capital expenditure	98.7	16	90.0	19	10.9	29	11.4	50

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 (SE) 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).

SELECTED FINANCIAL STATISTICS, FARM BUSINESSES BY INDUSTRY, AGGREGATES,
1992-93 TO 1993-94 - continued

Items	Sheep 0124				Beef cattle 0125			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	42.1	59	36.7	44	5.0	78	7.6	65
Sales from livestock	63.2	22	46.6	37	100.0	16	154.3	19
Sales from livestock products	134.5	13	88.7	20	2.6	71	3.2	76
Turnover	263.0	19	182.9	25	116.4	17	174.2	19
Purchases and selected expenses	164.9	18	109.3	27	55.8	17	106.6	24
Value added ¹	117.3	23	121.9	19	65.5	35	128.5	18
Adjusted value added ¹	97.3	26	111.8	19	55.5	43	110.8	21
Gross operating surplus ¹	76.3	30	98.7	20	40.0	60	90.4	25
Interest paid	22.2	26	10.9	37	6.5	39	16.2	49
Cash operating surplus ²	41.3	40	39.5	30	32.1	35	23.6	57
Gross indebtedness	207.6	27	159.6	33	70.8	35	167.3	39
Total net capital expenditure	25.9	51	7.4	83	10.5	27	21.7	32

Items	Dairy cattle 0130				Pigs 0151			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	0.1	51	5.3	*	0.6	77	6.5	86
Sales from livestock	26.2	13	35.0	36	33.2	16	38.6	11
Sales from livestock products	115.2	6	131.4	20	1.1	51	2.6	53
Turnover	143.0	6	173.5	15	37.0	15	50.8	18
Purchases and selected expenses	77.9	7	97.1	16	30.5	16	34.6	17
Value added ¹	67.0	7	86.0	18	7.9	27	19.9	26
Adjusted value added ¹	59.4	8	79.6	19	6.7	31	17.0	27
Gross operating surplus ¹	53.4	9	68.4	19	3.9	50	13.5	33
Interest paid	10.8	16	11.7	46	1.3	35	2.2	42
Cash operating surplus ²	41.1	12	48.6	25	1.1	*	8.0	36
Gross indebtedness	119.6	13	149.9	57	24.4	24	32.8	32
Total net capital expenditure	13.7	24	18.6	21	2.2	41	4.8	31

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	64.3	12	106.7	44	1 577.7	3	1 738.0	5
Sales from livestock	4.7	28	16.2	49	462.8	6	577.1	8
Sales from livestock products	5.4	26	4.7	*	690.8	4	725.6	6
Turnover	83.8	11	141.8	36	2 875.8	2	3 180.9	3
Purchases and selected expenses	35.5	13	63.7	35	1 710.5	3	1 885.7	3
Value added ¹	41.1	16	86.3	35	1 188.9	4	1 706.6	4
Adjusted value added ¹	34.2	18	77.5	35	1 006.4	5	1 514.1	4
Gross operating surplus ¹	11.9	41	35.3	44	801.2	6	1 279.2	5
Interest paid	5.2	15	3.4	25	190.8	7	178.7	8
Cash operating surplus ²	14.5	16	25.0	60	618.5	6	720.3	7
Gross indebtedness	60.1	12	105.8	11	2 192.5	8	2 459.3	7
Total net capital expenditure	6.3	18	15.0	36	279.3	10	360.7	8

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 (SE) 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).

SELECTED FINANCIAL STATISTICS, FARM BUSINESSES, AGGREGATES AND AVERAGES,
 1989-90 TO 1994-95 PRELIMINARY

Items	Aggregates					
	1989-90		1990-91		1991-92	
	\$m	%	\$m	%	\$m	%
Sales from crops	1 167.8	4	1 096.3	6	1 353.5	3
Sales from livestock	485.8	8	360.5	7	343.0	8
Sales from livestock products	1 299.3	4	1 023.8	5	737.8	4
Turnover	3 099.4	3	2 630.5	3	2 560.3	2
Purchases and selected expenses	1 682.2	3	1 538.3	3	1 620.3	3
Value added ¹	1 198.7	6	927.1	5	1 193.5	3
Adjusted value added ¹	1 016.7	6	747.6	6	1 000.5	3
Gross operating surplus ¹	804.3	8	561.1	8	802.6	4
Interest paid	278.5	7	268.9	8	215.9	9
Cash operating surplus ²	846.8	7	519.2	9	353.2	13
Gross indebtedness	2 144.6	7	1 984.0	7	1 919.7	7
Total net capital expenditure	331.5	8	167.0	15	230.1	11

Items	Aggregates					
	1992-93		1993-94		1994-95p	
	\$m	%	\$m	%	\$m	%
Sales from crops	1 577.7	3	1 738.0	5	2 004.1	7
Sales from livestock	462.8	6	577.1	8	603.0	8
Sales from livestock products	690.8	4	725.6	6	821.3	7
Turnover	2 875.8	2	3 180.9	3	3 638.0	5
Purchases and selected expenses	1 710.5	3	1 885.7	3	2 024.5	5
Value added ¹	1 188.9	4	1 706.6	4	n.y.a.	n.y.a.
Adjusted value added ¹	1 006.4	5	1 514.4	4	n.y.a.	n.y.a.
Gross operating surplus ¹	801.2	6	1 279.2	5	n.y.a.	n.y.a.
Interest paid	190.8	7	178.7	8	n.y.a.	n.y.a.
Cash operating surplus ²	618.5	6	720.3	7	1 054.7	10
Gross indebtedness	2 192.5	8	2 459.3	7	n.y.a.	n.y.a.
Total net capital expenditure	279.3	10	360.7	8	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	97.3	98.1	119.3	141.7	158.4	n.y.a.
Sales from livestock	40.5	32.2	30.2	41.6	52.6	n.y.a.
Sales from livestock products	108.2	91.6	65.0	62.0	66.1	n.y.a.
Turnover	258.2	235.3	225.7	258.2	289.9	n.y.a.
Purchases and selected expenses	140.1	137.6	142.8	153.6	171.9	n.y.a.
Value added ¹	99.9	82.9	105.2	106.8	155.6	n.y.a.
Adjusted value added ¹	84.7	66.9	88.2	90.4	138.0	n.y.a.
Gross operating surplus ²	67.0	50.2	70.7	71.9	116.6	n.y.a.
Interest paid	23.2	24.1	19.0	17.1	16.3	n.y.a.
Cash operating surplus ²	70.5	46.4	31.1	55.5	65.7	n.y.a.
Gross indebtedness	178.7	177.5	169.2	196.6	224.2	n.y.a.
Total net capital expenditure	27.6	14.9	20.3	25.1	32.9	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 (SE) 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).

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 estimated value of agricultural operations (EVAO) is above a certain level. These levels have varied in past agricultural censuses, as follows:

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

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

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

REFERENCE PERIOD

7 Statistics about crops, pastures, vegetables and fruit relate, in general, to the season ended 31 March. Where harvesting was not completed by 31 March 1995 (for example, apples, grapes and late planted potatoes), the production statistics relate to the completed harvest.

AGRICULTURAL ESTABLISHMENTS

8 For the Agricultural Census, the concept of an establishment is the same as that used by the Australian Bureau of Statistics for all industry statistics collections. The establishment is the smallest accounting unit of business within a State or Territory that controls its productive activities and maintains a specified range of detailed data, including data enabling value added to be calculated. In general an establishment covers all operations at a physical location, but may consist of a group of locations provided they are within the same State or Territory. The majority of establishments operate at one location only.

INDUSTRY AND SIZE CLASSIFICATION

9 Farm businesses in the Agricultural Sector were classified in accordance with the methodology described in the 1993 Australian and New Zealand Standard Industrial Classification (ANZSIC).

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. Certain departures from this basic method are outlined in the description of individual classes within Subdivision 01: Agriculture.

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 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. 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	<p>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 <i>Livestock Products, Australia (7215.0)</i>.</p> <p>17 The wool estimates contained in Table 43 are obtained from these major sources:</p> <ul style="list-style-type: none"> ■ a monthly collection of National Council of Wool Selling Brokers of Australia in each State and incorporated in this publication with reference to the twelve months to 30 June. The data are compiled in terms of bales received into stores and converted to wool receivals in tonnes; 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	<p>18 These statistics have been collected by the Australian Dairy Corporation. More detailed information is published monthly in <i>Livestock Products, Australia, (7215.0)</i>.</p>
POULTRY	<p>19 Poultry slaughtering statistics have been compiled from returns supplied by commercial poultry slaughtering establishments.</p>
BEEKEEPING	<p>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.</p>
AGRICULTURAL FINANCE SURVEY	<p>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.</p> <p>22 More detailed information is published in <i>Agricultural Industries Financial Statistics, Australia (7507.0)</i>.</p>
SCOPE AND COVERAGE OF THE AFS	<p>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. The 1994-95 AFS consisted of approximately 2,500 farm businesses, selected at random from all in-scope farm businesses on the ABS' business register.</p>
VALUE OF AGRICULTURAL COMMODITIES PRODUCED	<p>24 This publication contains summary information on the value of agricultural commodities produced (VACP) compiled annually for all States and Australia. They include gross and local values of production for selected agricultural commodities. More detailed information is available in <i>Value of Agricultural Commodities Produced (7503.0)</i>.</p>
SCOPE AND COVERAGE OF VACP STATISTICS	<p>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.</p>

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 magnetic tape, 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 Pam Prince on (09) 360 5207.

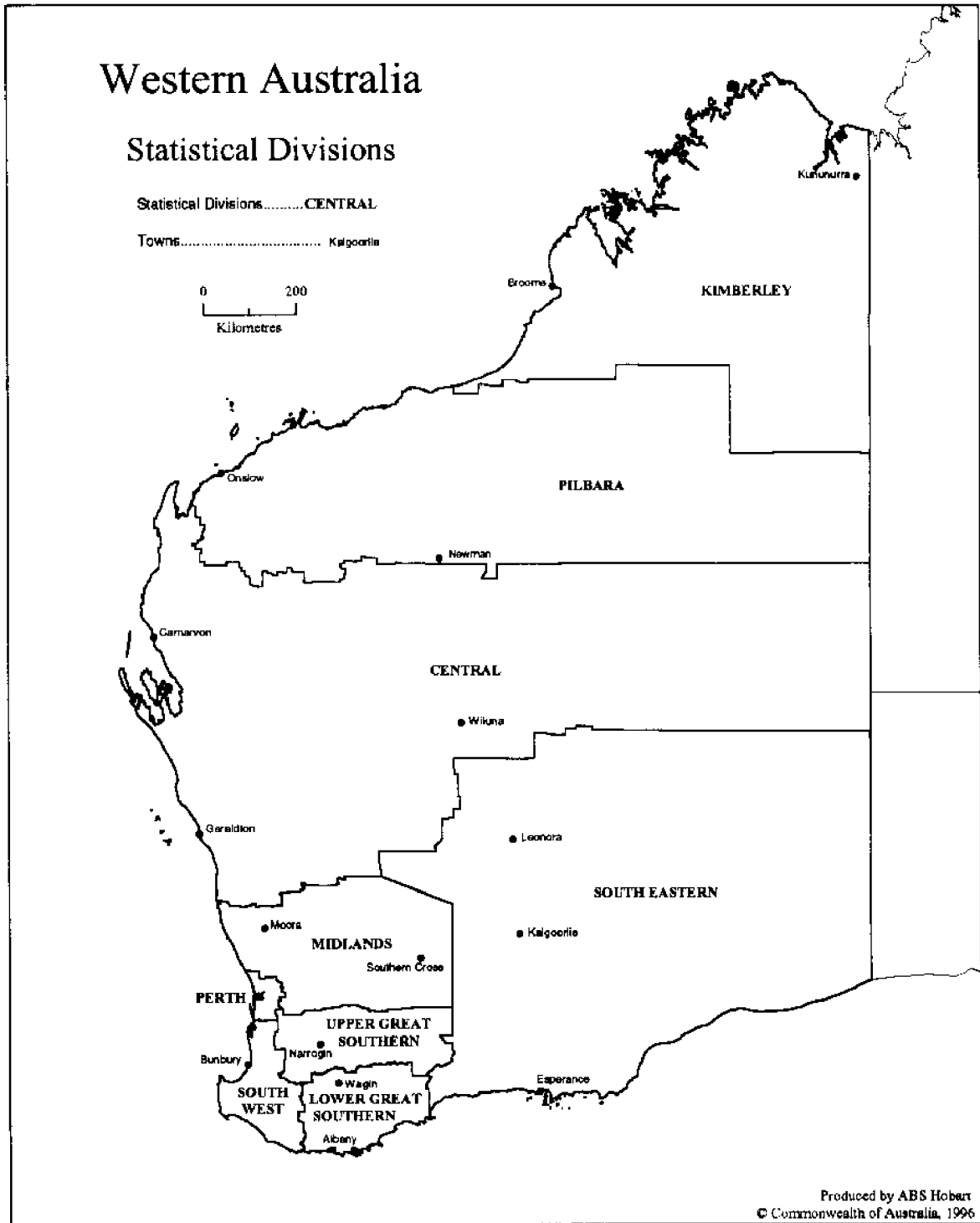
31 Symbols and other usages:

—	nil or rounded to zero
ha	hectares
t	tonnes
n.a.	not available
n.c.	not collected
n.e.c.	not elsewhere classified
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.

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.

STATISTICAL DIVISIONS OF WESTERN AUSTRALIA



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
- Provides data down to Statistical Local Area level
- Available on microfiche, magnetic tape, floppy disc and CD-ROM
- Available for each year separately from 1976-77 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 printout or on disk.

For more details please contact Pam Prince on (09) 360 5207

Other ABS Publications on Agricultural Activity

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

Agricultural Industries, Financial Statistics, Australia, 1994-95 *Cat. no. 7507.0 (\$19.00)*

- 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, 1994-95

Cat. no. 7506.0 (\$13.00)

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

Livestock Products, Australia, *Cat. no. 7215.0 (\$13.00)*

- 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 (09) 360 5160

