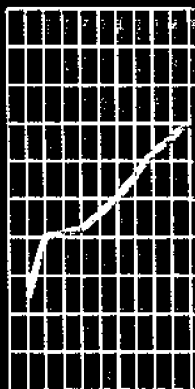


Australian
Bureau of
Statistics

1994-95

Agriculture Tasmania



ABS Catalogue No. 7114.6



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**AGRICULTURE
TASMANIA
1994-95**

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AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 7114.6

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- INQUIRIES:
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 - *for information about other ABS statistics and services*, please refer to the last page of this publication.
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SUMMARY OF FINDINGS

A. STRUCTURE OF THE AGRICULTURAL INDUSTRY

The number of establishments with agricultural activity declined from 4,663 at 31 March 1994 to 4,554 at 31 March 1995. This is a decrease of 2.3%. This total, at 31 March 1995, included 118 establishments with some agricultural activity, but whose main activity was in some other industry and 41 establishments unclassified to any industry.

The main industries of the agricultural establishments were:

	Number	% of establishments with agricultural activity
Beef cattle farming	1,190	26.1
Dairy cattle farming	779	17.1
Sheep farming	624	13.7

A substantial fall from 31 March 1994 to 31 March 1995 has occurred in the number of establishments classified to sheep-beef cattle. They fell from 532 to 461 (13.3%). Establishments classified to vegetable growing also fell, from 623 to 589 (5.5%), while establishments in the sheep farming industry fell from 653 to 624 (4.4%). However, establishments in the livestock farming not elsewhere classified increased from 42 to 75 (78.6%), and those in the grape growing industry increased from 47 to 58 (23.4%).

At 31 March 1995 only 4.2% of establishments with agricultural activity had an Estimated Value of Agricultural Operations (EVAO) of \$500,000 or more. In contrast, some 22.1% of establishments had an EVAO between \$5,000 and \$22,499. The vegetable growing industry accounted for 30.1% of establishments with an EVAO of \$500,000 or more, but only accounted for 12.9% of all agricultural establishments with agricultural activity.

In terms of area, 11 establishments had an area of 10,000 hectares or more at 31 March 1995; most were in the sheep farming or sheep-beef cattle farming industries.

B. LAND MANAGEMENT

At 31 March 1995 establishments with agricultural activity occupied 1,932,826 hectares or 28.2% of Tasmania's total area. The area of cereal crops was 25,700 hectares (1.3% of the total area of establishments with agricultural activity). This is an increase of 6.9% on the 1992-93 figure when 24,000 hectares of cereal crops were grown.

The main method of handling crop stubble in 1994-95 was by incorporating it into the soil. This method was used on 14,022 hectares. The next most popular method was to leave stubble intact; that is, no cultivation, and to sow crops by direct drilling. This method was used on 6,816 hectares. Burning was used on 3,226 hectares and mulching on 1,769 hectares.

A total of 1.4 million trees were planted from seedlings in Tasmania during the year ended 31 March 1995. Of those, 1.1 million (73.3%) were planted in the Northern Statistical Division. Almost half (44.3%) of the area planted with seed was planted in the Northern Statistical Division.

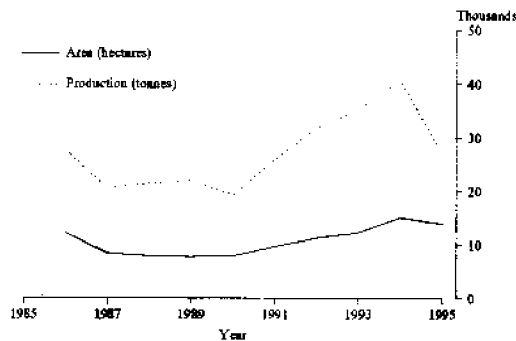
C. CROPS AND PASTURES

In terms of area, the two main crops grown in Tasmania during the year ended 31 March 1995 were barley (14,000 hectares) and oats (8,300 hectares).

In the 1994-95 season the area sown to barley for grain decreased from 15,200 hectares to 14,000 hectares, a fall of 8.1%. The number of establishments growing barley increased from 518 in 1993-1994 to 540 in 1994-95, a rise of 4.2%. Production of barley fell by 33.6% over the 1994-95 season to 27,100 tonnes from 40,800 in 1993-94; consequently yield decreased from 2.7 tonnes per hectare to 1.9 tonnes per hectare in the same period (see Table 10).

The Northern Statistical Division accounted for 68.6% of all barley for grain produced in Tasmania and 67.0% of area sown.

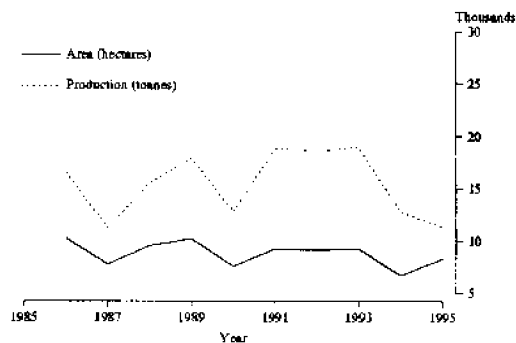
BARLEY, TASMANIA, YEARS ENDED 31 MARCH



The area sown to oats for grain increased by 25.0% from 6,700 hectares in the 1993-94 season to 8,300 hectares in 1994-95.

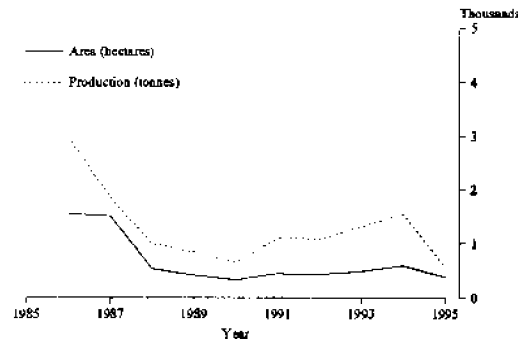
Production during the same period decreased by 11.4% to 11,300 tonnes and the yield fell by 26.3% to 1.4 tonnes per hectare. Oats were grown in all statistical divisions, the major contributor to production being the Northern Statistical Division which accounted for 72.9% of the State's production.

OATS, TASMANIA, YEARS ENDED 31 MARCH



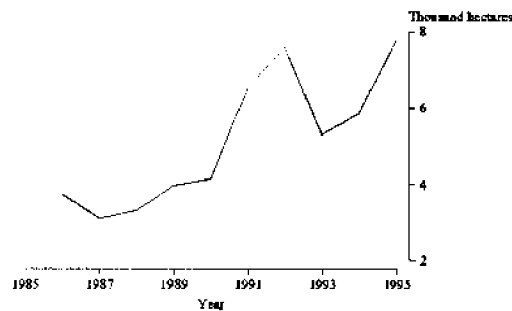
Field peas for grain showed a fall in area sown from 595 hectares to 382 (35.8%), while production also decreased from 1,550 tonnes to 573 tonnes (63.0%).

FIELD PEAS FOR GRAIN, TASMANIA, YEARS ENDED 31 MARCH



The area sown of oil poppies saw a significant increase from 5,853 hectares in season 1993-94 to 7,764 hectares in 1994-95 (32.6%).

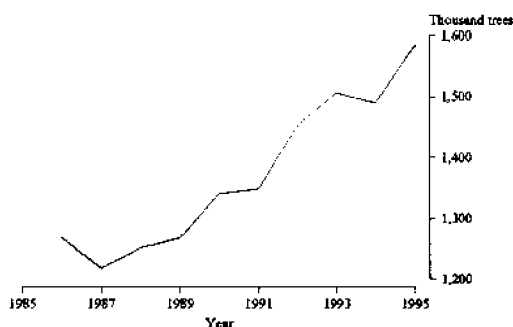
OIL POPPIES AREA, TASMANIA, YEARS ENDED 31 MARCH



D. HORTICULTURE

The number of apple trees at 31 March 1995 stood at 1.6 million an increase of 6.3% from 31 March 1994. Production increased by 3.8% to 57,000 tonnes from 55,000 tonnes the previous year. The major apple growing area in Tasmania was the Greater Hobart and Southern Statistical Divisions which accounted for 73.1% of the State's trees and 81.2% of the State's production.

APPLE TREE NUMBERS, TASMANIA, YEARS ENDED 31 MARCH

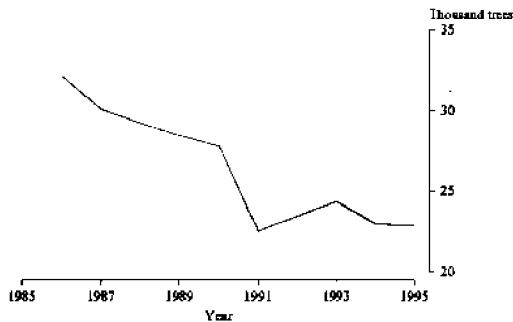


APPLE PRODUCTION, TASMANIA, YEARS ENDED 31 MARCH

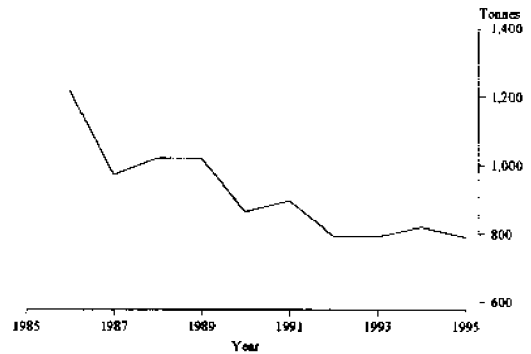


The number of pear trees in Tasmania at 31 March 1995 was 22,900, slightly down on the 23,000 the previous year. Production fell 3.6%, from 819 tonnes to 790 tonnes during the same period.

**PEAR TREE NUMBERS, TASMANIA,
YEARS ENDED 31 MARCH**

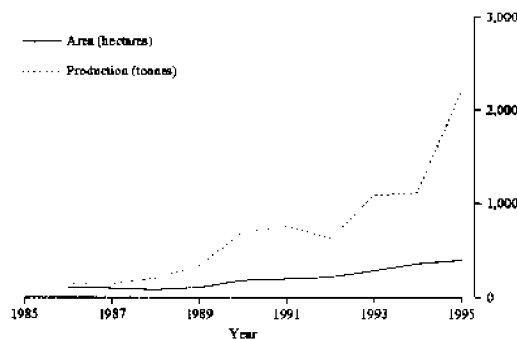


**PEAR PRODUCTION, TASMANIA,
YEARS ENDED 31 MARCH**



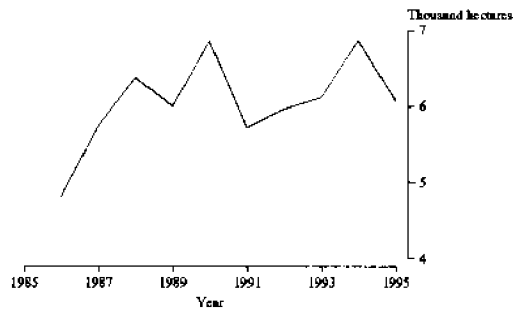
The total area of vines at harvest in 1994–95 increased by 10.6% from 360 hectares to 400 hectares. Production of wine grapes increased by 95.7% to 2,200 tonnes. The major wine grape growing area was the Northern Statistical Division with 71.3% of the total Tasmania wine grape production.

GRAPES, TASMANIA, YEARS ENDED 31 MARCH

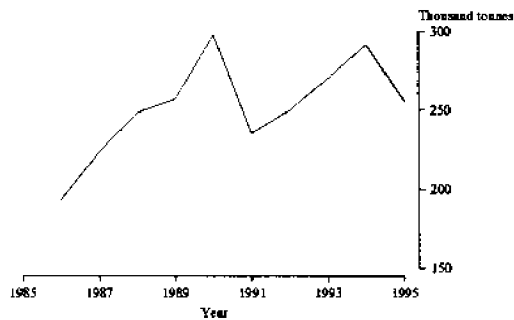


The total area planted to potatoes in the 1994-95 season was 6,100 hectares, a decrease of 11.6% over the 1993-94 figure of 6,900. Production also decreased to 255,700 tonnes, a 12.2% fall on 291,400 tonnes produced in the previous season. Yield declined slightly to 42.1 from 42.5 the previous year. The main potato growing area in Tasmania was the Mersey-Lyell Statistical Division which produced 174,800 tonnes of potatoes from 4,000 hectares sown.

POTATOES AREA, TASMANIA, YEARS ENDED 31 MARCH



POTATOES PRODUCTION, TASMANIA, YEARS ENDED 31 MARCH

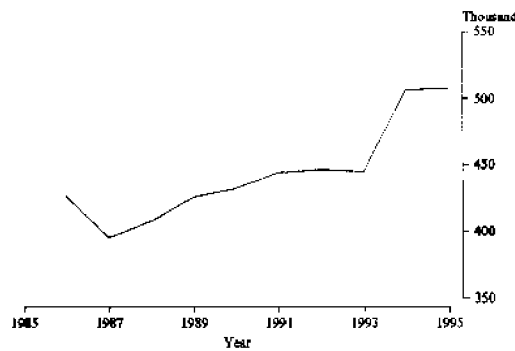


E. LIVESTOCK AND
LIVESTOCK PRODUCTS

The meat cattle herd was 507,400 at 31 March 1995, a slight rise from the 507,300 at 31 March 1994. The majority of the State's meat cattle were in the Northern and Mersey-Lyell Statistical Divisions, which together accounted for 83.3% of the total meat cattle herd. Even though a slight increase in the number of meat cattle was reported, there was a fall of 2.2% in the number of establishments reporting meat cattle.

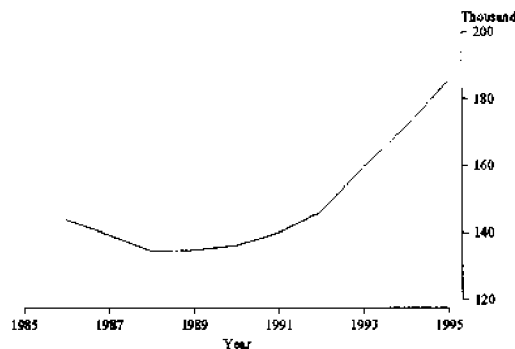
At 31 March 1995, 6.1% of all establishments with meat cattle had a herd size of 500 and over. These establishments accounted for 37.3% of the number of meat cattle.

MEAT CATTLE, TASMANIA, AT 31 MARCH



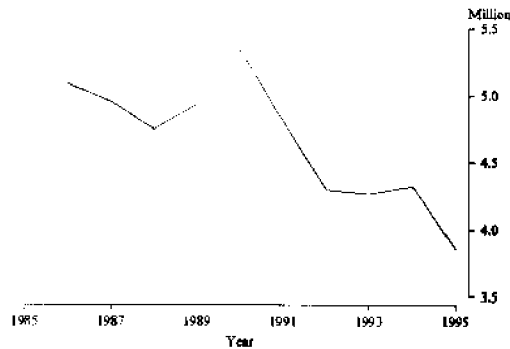
The milk cattle herd increased to 185,300, a rise of 8.0% from 1993-94. The number of establishments with milk cattle fell by 4.4% to 895. Mersey-Lyell was the major dairy region in the State with 59.5% of State's milk cattle herd. At 31 March 1995, 39.5% of establishments with milk cattle had a herd size of 200 and over. These establishments accounted for 70.3% of the number of milk cattle. The median herd size for milk cattle was 163.

MILK CATTLE, TASMANIA, AT 31 MARCH



The number of establishments reporting sheep and lambs stood at 2,058, a decrease of 7.9% from 1993-94. Sheep numbers at 31 March 1995 were 3.9 million, a decrease of 10.9% from 4.3 million in 1993-94 (see Table 33). The number of lambs marked decreased by 12.0% to 1.2 million (see Table 36). The majority of establishments ran small flocks with 48.0% of all establishments in Tasmania running a flock between 1 and 499. The median flock size was 579.

SHEEP AND LAMBS, TASMANIA, AT 31 MARCH



Pig numbers at 31 March 1995 were 38,100, a decrease of 16.3% from 31 March 1994, while the number of establishments reporting pigs at 31 March 1995 stood at 151, a decrease of 16.6% from 31 March 1994. The major statistical division in terms of pig numbers was Northern which accounted for 64.8% of the State's herd (see Table 37).

PIGS, TASMANIA, 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 \$659.9m. The major contributors were crops, valued at \$397.4m, livestock products valued at \$223.7m and livestock slaughterings valued at \$138.9m. They represented 60.2%, 33.9% and 21.0% of the total value respectively.

As in the previous season, barley for grain, with production valued at \$5.8m, exceeded the value of oats (\$2.4m) and continued to be the leading broadacre crop in terms of value of production.

In relation to fruit, apples were by far the largest contributor to gross value of production at \$40.2m. Next highest were grapes contributing \$4.2m, a significant increase on the \$1.7m the previous season.

Potatoes were the largest contributor to gross value of production of all vegetables, increasing slightly to \$55.2m in 1994-95 from \$53.7m in 1993-94. The other major contributor was onions, which contributed \$34.2m to gross value of production. This was a 78.1% increase on 1993-94 when \$19.2m worth of onions were produced in Tasmania.

The gross value of total livestock slaughterings increased slightly from the previous year to \$138.9m. Cattle and calf slaughterings represented 76.0% of the total value of livestock slaughterings.

The gross value of cattle and calf slaughterings decreased by 6.1% to \$105.6m from \$112.5m the previous year. The gross value of sheep and lamb slaughterings also fell slightly.

The gross value of livestock products increased by 6.9% compared to the previous year. Wool production represented 48.0% of the total value of livestock products. Milk represented 47.9%, followed by eggs then honey and beeswax.

A. STRUCTURE OF THE AGRICULTURAL INDUSTRY

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

ANZSIC code	Industry of establishment	1993	1994	1995
0111	Plant nurseries	45	39	36
0112	Cut flower and flower seed growing	59	60	56
0113	Vegetable growing	622	623	589
0114	Grape growing	39	47	58
0115	Apple and pear growing	170	164	165
0116	Stonefruit growing	16	17	20
0117	Kiwifruit growing	—	—	—
0119	Fruit growing n.e.c.	30	38	37
0121	Grain growing	21	14	16
0122	Grain-sheep beef cattle farming	107	84	75
0123	Sheep-beef cattle farming	553	532	461
0124	Sheep farming	731	653	624
0125	Beef cattle farming	1 145	1 156	1 190
0130	Dairy cattle farming	789	805	779
0141	Poultry farming (meat)	13	12	14
0142	Poultry farming (eggs)	17	18	14
0151	Pig farming	65	54	40
0152	Horse farming	59	59	41
0153	Deer farming	16	40	32
0159	Livestock farming n.e.c.	37	42	75
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	53	52	73
Total (ANZSIC Code 01)		4 587	4 509	4 395
02	Services to agriculture; hunting and trapping	5	11	8
03	Forestry and logging	13	12	13
04	Commercial fishing	4	6	6
Total (ANZSIC Division A)		4 609	4 538	4 422
All other ANZSIC Divisions		79	95	91
Unclassified		31	30	41
Total all industries		4 719	4 663	4 554

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 40.

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

ANZSIC code	Industry of establishment	1993	1994	1995
0111	Plant nurseries	34	38	35
0112	Cut flower and flower seed growing	46	45	44
0113	Vegetable growing	580	591	571
0114	Grape growing	23	20	31
0115	Apple and pear growing	160	159	157
0116	Stonefruit growing	12	9	15
0117	Kiwifruit growing	—	—	—
0119	Fruit growing n.e.c.	20	21	24
0121	Grain growing	19	9	9
0122	Grain-sheep beef cattle farming	82	55	47
0123	Sheep-beef cattle farming	418	376	322
0124	Sheep farming	516	431	452
0125	Beef cattle farming	578	593	666
0130	Dairy cattle farming	767	783	759
0141	Poultry farming (meat)	13	12	13
0142	Poultry farming (eggs)	16	16	14
0151	Pig farming	51	46	35
0152	Horse farming	32	33	21
0153	Deer farming	11	39	31
0159	Livestock farming n.e.c.	21	27	53
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	42	43	64
Total (ANZSIC Code 01)		3 441	3 346	3 363
02	Services to agriculture; hunting and trapping	3	5	3
03	Forestry and logging	9	7	8
04	Commercial fishing	3	5	6
Total (ANZSIC Division A)		3 456	3 363	3 380
All other ANZSIC Divisions		50	55	51
Unclassified		12	2	—
Total all industries		3 518	3 420	3 431

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
Greater Hobart and Southern	1 184	1 171	1 168
Northern	1 686	1 663	1 594
Mersey-Lyell	1 849	1 829	1 792
Tasmania	4 719	4 663	4 554

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

Statistical division	1993	1994	1995
Greater Hobart and Southern	813	761	798
Northern	1 285	1 252	1 246
Mersey-Lyell	1 420	1 407	1 387
Tasmania	3 518	3 420	3 431

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 to 22,499	22,500 to 49,999	50,000 to 99,999
0111	Plant nurseries	—	1	11	7
0112	Cut flower and flower seed growing	—	12	10	14
0113	Vegetable growing	—	18	56	106
0114	Grape growing	7	20	12	14
0115	Apple and pear growing	2	6	16	31
0116	Stonefruit growing	1	4	7	4
0117	Kiwifruit growing	—	—	—	—
0119	Fruit growing n.e.c.	1	12	12	10
0121	Grain growing	1	6	4	3
0122	Grain-sheep beef cattle farming	2	26	22	11
0123	Sheep-beef cattle farming	7	132	95	80
0124	Sheep farming	12	160	120	114
0125	Beef cattle farming	35	489	342	166
0130	Dairy cattle farming	—	20	51	163
0141	Poultry farming (meat)	—	1	—	—
0142	Poultry farming (eggs)	—	—	—	2
0151	Pig farming	—	5	6	11
0152	Horse farming	2	18	13	6
0153	Deer farming	—	1	2	7
0159	Livestock farming n.e.c.	1	21	20	20
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	1	8	17	15
Total (ANZSIC Code 01)		72	960	816	784
02	Services to agriculture; hunting and trapping	—	5	3	—
03	Forestry and logging	—	5	2	3
04	Commercial fishing	—	—	—	2
Total (ANZSIC Division A)		72	970	821	789
All other ANZSIC Divisions		5	35	25	8
Unclassified		41	—	—	—
Total all Industries		118	1 005	846	797

¹ See Explanatory Note 4 on page 40.

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 to 199,999	200,000 to 499,999	500,000 or more	
0111	Plant nurseries	8	2	7	36
0112	Cut flower and flower seed growing	10	8	2	56
0113	Vegetable growing	165	186	58	589
0114	Grape growing	2	2	1	58
0115	Apple and pear growing	55	35	20	165
0116	Stonefruit growing	3	1	—	20
0117	Kiwifruit growing	—	—	—	—
0119	Fruit growing n.e.c.	2	—	—	37
0121	Grain growing	1	1	—	16
0122	Grain-sheep beef cattle farming	9	3	2	75
0123	Sheep-beef cattle farming	72	56	19	461
0124	Sheep farming	104	96	18	624
0125	Beef cattle farming	106	46	6	1 190
0130	Dairy cattle farming	282	234	29	779
0141	Poultry farming (meat)	3	5	5	14
0142	Poultry farming (eggs)	6	1	5	14
0151	Pig farming	6	7	5	40
0152	Horse farming	2	—	—	41
0153	Deer farming	8	9	5	32
0159	Livestock farming n.e.c.	7	6	—	75
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	13	12	7	73
Total (ANZSIC Code 01)		864	710	189	4 395
02	Services to agriculture; hunting and trapping	—	—	—	8
03	Forestry and logging	1	1	1	13
04	Commercial fishing	2	2	—	6
Total (ANZSIC Division A)		867	713	190	4 422
All other ANZSIC Divisions		13	2	3	91
Unclassified		—	—	—	41
Total all industries		880	715	193	4 554

6

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

ANZSIC code	Industry of establishment	Area of establishment (hectares)					
		0 to 49	50 to 99	100 to 499	500 to 999	1,000 to 2,499	2,500 to 4,999
0111	Plant nurseries	26	4	4	1	1	—
0112	Cut flower and flower seed growing	48	3	5	—	—	—
0113	Vegetable growing	120	156	270	30	12	—
0114	Grape growing	45	6	5	—	2	—
0115	Apple and pear growing	77	41	45	2	—	—
0116	Stonefruit growing	11	4	5	—	—	—
0117	Kiwifruit growing	—	—	—	—	—	—
0119	Fruit growing n.e.c.	26	2	9	—	—	—
0121	Grain growing	1	3	10	2	—	—
0122	Grain-sheep beef cattle farming	8	16	29	9	11	1
0123	Sheep-beef cattle farming	43	62	190	51	64	33
0124	Sheep farming	38	58	235	96	126	50
0125	Beef cattle farming	265	302	489	83	36	11
0130	Dairy cattle farming	80	171	482	33	9	2
0141	Poultry farming (meat)	6	3	3	2	—	—
0142	Poultry farming (eggs)	9	3	2	—	—	—
0151	Pig farming	16	9	12	2	1	—
0152	Horse farming	23	10	7	1	—	—
0153	Deer farming	8	11	8	2	1	1
0159	Livestock farming n.e.c.	46	11	13	3	2	—
0161	Sugar cane growing	—	—	—	—	—	—
0162	Cotton growing	—	—	—	—	—	—
0169	Crop and plant growing n.e.c.	16	6	36	10	3	—
Total (ANZSIC Code 01)		912	881	1 859	327	268	98
02	Services to agriculture; hunting and trapping	4	2	2	—	—	—
03	Forestry and logging	2	2	8	—	—	1
04	Commercial fishing	—	1	2	—	3	—
Total (ANZSIC Division A)		918	886	1 871	327	271	99
All other ANZSIC Divisions		40	17	27	5	1	1
Unclassified		20	14	6	1	—	—
Total all industries		978	917	1 904	333	272	100

6

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

ANZSIC code	Industry of establishment	Area of establishment (hectares)			Total establishments
		5,000 to 9,999	10,000 to 24,999	25,000 and over	
0111	Plant nurseries	—	—	—	36
0112	Cut flower and flower seed growing	—	—	—	56
0113	Vegetable growing	—	1	—	589
0114	Grape growing	—	—	—	58
0115	Apple and pear growing	—	—	—	165
0116	Stonefruit growing	—	—	—	20
0117	Kiwifruit growing	—	—	—	—
0119	Fruit growing n.e.c.	—	—	—	37
0121	Grain growing	—	—	—	16
0122	Grain-sheep beef cattle farming	1	—	—	75
0123	Sheep-beef cattle farming	15	3	—	461
0124	Sheep farming	17	4	—	624
0125	Beef cattle farming	3	1	—	1 190
0130	Dairy cattle farming	1	1	—	779
0141	Poultry farming (meat)	—	—	—	14
0142	Poultry farming (eggs)	—	—	—	14
0151	Pig farming	—	—	—	40
0152	Horse farming	—	—	—	41
0153	Deer farming	1	—	—	32
0159	Livestock farming n.e.c.	—	—	—	75
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	1	1	—	73
Total (ANZSIC Code 01)		39	11	—	4 395
02	Services to agriculture; hunting and trapping	—	—	—	8
03	Forestry and logging	—	—	—	13
04	Commercial fishing	—	—	—	6
Total (ANZSIC Division A)		39	11	—	4 422
All other ANZSIC Divisions		—	—	—	91
Unclassified		—	—	—	41
Total all industries		39	11	—	4 554

B. 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
	ha	ha	ha	ha
Greater Hobart and Southern	7 075.5	2 722.6	2 262.2	786.1
Northern	17 265.2	3 991.4	336.7	6 220.8
Mersey-Lyell	1 367.2	3 239.0	483.5	10 184.3
Tasmania				
1995	25 707.9	9 953.0	3 082.4	17 191.2
1994	25 446.2	13 469.6	2 978.0	19 192.2
1993²	24 047.8	12 230.6	3 084.6	18 189.3

Statistical division	Area of holding	Area of non agricultural land ²	Total area (agricultural and non-agricultural land)
	ha	ha	ha
Greater Hobart and Southern	753 103.4	1 726 591.6	2 479 695.0
Northern	853 592.4	1 219 806.6	2 073 399.0
Mersey-Lyell	326 130.6	1 969 836.6	2 295 967.0
Tasmania			
1995	1 932 826.4	4 916 234.6	6 849 061.0
1994	1 968 758.3	4 880 302.7	6 849 061.0
1993²	1 844 660.2	5 004 400.8	6 849 061.0

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	Stubble was left intact ³
	ha	ha	ha	ha
Greater Hobart and Southern	1 112.7	4 276.7	260.4	1 777.5
Northern	1 513.4	7 917.2	892.1	4 800.8
Mersey-Lyell	600.2	1 827.7	616.4	237.8
Tasmania	3 226.3	14 021.6	1 768.9	6 816.1

¹ Farm machinery used to plough stubble into soil.

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

³ No cultivation, crops sown by direct drilling.

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

Statistical division	Planted from seedlings	Planted with seed
	number	ha
Greater Hobart and Southern	179 952	274.0
Northern	1 050 269	427.1
Mersey-Lyell	202 392	262.9
Tasmania	1 432 613	964.0

C. CROPS AND PASTURES

10

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

Statistical division	Barley			Oats		
	Area	Production	Yield	Area	Production	Yield
	ha	t	t/ha	ha	t	t/ha
Greater Hobart and Southern	3 701.7	5 711.2	1.5	2 393.1	2 813.2	1.2
Northern	9 362.2	18 563.3	2.0	5 803.2	8 230.8	1.4
Mersey-Lyell	904.8	2 798.3	3.1	119.4	242.9	2.0
Tasmania						
1995	13 968.7	27 072.8	1.9	8 315.7	11 286.9	1.4
1994	15 204.1	40 755.3	2.7	6 650.9	12 744.2	1.9
1993¹	12 299.7	35 285.1	2.9	9 223.2	18 976.3	2.1

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

Statistical division	Triticale			Wheat		
	Area	Production	Yield	Area	Production	Yield
	ha	t	t/ha	ha	t	t/ha
Greater Hobart and Southern	189.4	395.7	2.1	490.2	774.2	1.6
Northern	1 170.6	3 808.2	3.3	685.2	1 569.0	2.3
Mersey-Lyell	128.3	738.6	5.8	86.2	425.4	4.9
Tasmania						
1995	1 488.3	4 942.5	3.3	1 261.6	2 768.6	2.2
1994	1 572.8	5 622.1	3.6	1 601.7	5 321.3	3.3
1993¹	843.4	2 558.0	3.0	1 453.9	5 467.8	3.8

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
	ha	t	t/ha	ha	t	t/ha
Greater Hobart and Southern	40.5	54.5	1.3	133.8	170.7	1.3
Northern	473.9	261.0	0.6	232.0	360.3	1.6
Mersey-Lyell	12.0	20.0	1.7	16.0	42.4	2.7
Tasmania						
1995	526.4	335.5	0.6	381.8	573.4	1.5
1994	663.9	950.5	1.4	595.1	1 550.2	2.6
1993¹	436.1	761.0	1.7	489.0	1 321.7	2.7

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

Statistical division	Faba beans		
	Area	Production	Yield
	ha	t	t/ha
Greater Hobart and Southern	7	20	2.9
Northern	6.6	27.5	4.2
Mersey-Lyell	—	—	—
Tasmania			
1995	13.6	47.5	3.5
1994	13.6	36.9	2.7
1993¹	n.a.	n.a.	n.a.

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	Cereal crops for hay			Lucerne cut for hay		
	Area	Production	Yield	Area	Production	Yield
	ha	t	t/ha	ha	t	t/ha
Greater Hobart and Southern	527.5	1 903.9	3.6	1 019.2	3 780.2	3.7
Northern	985.0	3 878.3	3.9	1 208.9	5 238.0	4.3
Mersey-Lyell	146.6	347.2	2.4	652.3	2 330.4	3.6
Tasmania						
1995	1 659.1	6 129.4	3.7	2 880.4	11 348.6	3.9
1994	1 976.0	9 922.4	5.0	1 721.6	7 963.2	4.6
1993¹	1 961.9	9 847.5	5.0	1 949.9	10 116.0	5.2

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

Statistical division	Pastures excluding pure lucerne for hay		
	Area	Production	Yield
	ha	t	t/ha
Greater Hobart and Southern	6 599.2	23 999.3	3.6
Northern	18 016.1	55 880.5	3.1
Mersey-Lyell	21 354.7	92 250.5	4.3
Tasmania			
1995	45 970.0	172 130.3	3.7
1994	48 679.7	221 309.0	4.5
1993¹	58 831.9	289 868.4	4.9

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

13

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

Statistical division	Canola			Peppermint		
	Area	Production	Yield	Area	Production	Yield
	ha	t	t/ha	ha	t	t/ha
Greater Hobart and Southern	132.4	97.1	0.7	30.3	2.1	0.1
Northern	52.0	37.0	0.7	88.6	7.6	0.1
Mersey-Lyell	25.0	17.5	0.7	—	—	—
Tasmania						
1995	209.4	151.6	0.7	118.9	9.7	0.1
1994	149.9	193.6	1.3	n.a.	n.a.	n.a.
1993¹	93.2	129.1	1.4	n.a.	n.a.	n.a.

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

Statistical division	Oil Poppies		
	Area	Production	Yield
	ha	t	t/ha
Greater Hobart and Southern	1 966.9	n.a.	n.a.
Northern	2 881.7	n.a.	n.a.
Mersey-Lyell	2 915.8	n.a.	n.a.
Tasmania			
1995	7 764.4	n.a.	n.a.
1994	5 853.4	n.a.	n.a.
1993¹	5 297.7	n.a.	n.a.

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 1995p

	1993	1994	1995p
	\$m	\$m	\$m
Cereals for grain			
Barley	5.6	6.1	5.8
Oats	2.5	1.5	2.4
Triticale	0.4	0.8	1.0
Wheat	0.9	0.9	0.7
Other	0.1	0.2	0.3
Total	9.5	9.5	10.2
Pastures and grasses cut for hay	32.0	23.6	21.8
Legumes for grain			
Lupins	0.2	0.2	0.1
Field peas	0.2	0.2	0.1

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

	Area sown (hectares)						Total
	0 to 49	50 to 99	100 to 149	150 to 199	200 to 299	300 to 399	
Number of establishments growing barley	467	50	15	3	2	3	540
Percentage of total establishments growing barley	86.5	9.3	2.8	0.6	0.4	0.6	100.0
Area of barley (hectares)	6 975	3 392	1 699	497	410	995	13 969
Production of barley (tonnes)	14 104	6 702	3 027	793	860	1 587	27 073
Percentage of total barley production	52.1	24.8	11.2	2.9	3.2	5.9	100.0
Number of establishments growing oats	363	26	9	3	1	—	402
Percentage of total establishments growing oats	90.3	6.5	2.2	0.7	0.2	—	100.0
Area of oats (hectares)	4 923	1 671	983	538	200	—	8 316
Production of oats (tonnes)	7 834	1 545	843	665	400	—	11 287
Percentage of total oats production	69.4	13.7	7.5	5.9	3.5	—	100.0
Number of establishments growing triticale	59	2	1	—	1	1	64
Percentage of total establishments growing triticale	92.2	3.1	1.6	—	1.6	1.6	100.0
Area of triticale (hectares)	744	122	100	—	200	322	1 488
Production of triticale (tonnes)	2 577	530	340	—	400	1 095	4 942
Percentage of total triticale production	52.1	10.7	6.9	—	8.1	22.2	100.0
Number of establishments growing wheat	86	2	1	—	—	—	89
Percentage of total establishments growing wheat	96.6	2.2	1.1	—	—	—	100.0
Area of wheat (hectares)	1 028	114	120	—	—	—	1 262
Production of wheat (tonnes)	2 489	160	120	—	—	—	2 769
Percentage of total wheat production	89.9	5.8	4.3	—	—	—	100.0

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

<i>Statistical division</i>	<i>Barley</i>	<i>Oats</i>	<i>Triticale</i>	<i>Wheat</i>
Greater Hobart and Southern	144	128	12	36
Northern	287	244	36	41
Mersey-Lyell	109	30	16	12
Tasmania				
1995	540	402	64	89
1994	518	345	64	101
1993¹	473	418	54	93

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

<i>Statistical division</i>	<i>Area sown or intended to be sown in 1995-96</i>		
	<i>Barley</i>	<i>Oats</i>	<i>Wheat</i>
	ha	ha	ha
Greater Hobart and Southern	3 298.4	5 729.1	418.5
Northern	7 917.8	10 652.4	762.8
Mersey-Lyell	777.9	1 055.2	107.4
Tasmania	11 994.1	17 436.7	1 288.7

D. HORTICULTURE

18

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

Statistical division	Apples				Nashi			
	Trees under 6 years	Trees 6 years and over	Production	Yield	Trees under 6 years	Trees 6 years and over	Production	Yield
	t				t			
	kg/tree				kg/tree			
Greater Hobart and								
Southern	325 954	831 716	46 337.5	55.7	435	540	4.7	8.6
Northern	70 356	104 650	3 784.8	36.2	236	270	3.3	12.2
Mersey-Lyell	146 794	104 005	6 927.3	66.6	—	600	12.0	20.0
Tasmania								
1995	543 104	1 040 371	57 049.6	54.8	671	1 410	20.0	14.2
1994	526 397	963 264	54 953.7	57.0	1 245	898	22.2	24.7
1993²	572 524	933 287	56 212.7	60.2	1 077	743	15.8	21.3

Statistical division	Pears			
	Trees under 6 years	Trees 6 years and over	Production	Yield
	t			
	kg/tree			
Greater Hobart and				
Southern	3 127	10 984	480.8	43.8
Northern	963	3 932	177.5	45.1
Mersey-Lyell	232	3 652	131.3	36.0
Tasmania				
1995	4 322	18 568	789.6	42.5
1994	4 116	18 844	819.2	43.5
1993²	3 849	20 511	790.5	38.5

¹ Yield is calculated from trees 6 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 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
			t	kg/tree			t	kg/tree
Greater Hobart and Southern	8 822	33 942	365.1	10.8	44 741	25 402	128.4	5.1
Northern	1 079	217	2.9	13.5	1 975	1 100	15.3	13.9
Mersey-Lyell	—	—	—	—	18 400	320	14.9	46.6
Tasmania								
1995	9 901	34 159	368.1	10.8	65 116	26 822	158.6	5.9
1994	8 132	30 667	228.7	7.5	71 396	15 986	53.9	3.4
1993 ²	9 159	22 745	120.3	5.3	63 951	15 859	105.5	6.7

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
			t	kg/tree			t	kg/tree
Greater Hobart and Southern	2 847	4 617	70.2	15.2	491	1 161	11.9	10.2
Northern	342	2 870	3.5	1.2	815	1 850	2.3	1.2
Mersey-Lyell	1 400	—	4.2	—	400	—	1.0	—
Tasmania								
1995	4 589	7 487	77.9	10.4	1 706	3 011	16.2	5.0
1994	4 880	7 912	110.2	13.9	1 496	3 053	35.1	11.6
1993 ²	8 802	3 367	106.3	31.6	2 761	399	30.5	75.3

Statistical division	Plums and prunes			
	Trees under 6 years	Trees 6 years and over	Production	Yield
			t	kg/tree
Greater Hobart and Southern	200	686	3.5	5.2
Northern	495	184	1.7	9.5
Mersey-Lyell	2 400	—	4.4	—
Tasmania				
1995	3 095	870	9.7	11.1
1994	3 132	908	6.8	7.5
1993 ²	385	394	4.0	10.1

¹ Yield is calculated from trees 6 years and over only.² Figures have been collected on the basis of EVAO \$22,500 and over.

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AREA, PRODUCTION AND YIELD¹ OF BERRY FRUIT BY STATISTICAL DIVISION,
YEAR ENDED 31 MARCH 1995

Statistical division	Blackcurrants				Raspberries			
	Area not yet bearing	Area of bearing age	Production	Yield	Area not yet bearing	Area of bearing age	Production	Yield
	ha	ha	t	t/ha	ha	ha	t	t/ha
Greater Hobart and Southern	6.7	95.9	507.0	5.3	2.6	29.1	78.5	2.7
Northern	4.2	16.5	76.3	4.6	0.6	10.0	25.8	2.6
Mersey-Lyell	—	24.9	49.4	2.0	0.5	6.9	32.6	4.7
Tasmania								
1995	10.9	137.3	632.7	4.6	3.7	46.0	136.7	3.0
1994	34.3	135.3	547.4	4.0	5.6	56.8	146.7	2.6
1993 ²	27.8	92.2	469.6	5.1	9.1	41.5	134.5	3.2

Statistical division	Strawberries			
	Area not yet bearing	Area of bearing age	Production	Yield
	ha	ha	t	t/ha
Greater Hobart and Southern	0.8	9.5	89.4	9.4
Northern	4.5	9.4	30.2	3.2
Mersey-Lyell	—	5.8	34.2	5.9
Tasmania				
1995	5.3	24.7	153.9	6.2
1994	6.6	21.6	85.4	3.9
1993 ²	5.7	14.7	73.4	5.0

¹ Yield is calculated from bearing area only.

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

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

	1993	1994	1995p
	\$m	\$m	\$m
Apples	41.0	33.2	40.2
Apricots	0.2	0.4	0.5
Grapes	1.6	1.7	4.2
Peaches	0.1	0.1	0.1
Pears	0.6	0.7	0.5

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					
	ha	ha	ha	t	t	t	t
Greater Hobart and Southern	31.1	19.7	92.8	578.9	—	—	578.9
Northern	32.0	19.6	189.9	1 568.9	—	—	1 568.9
Mersey-Lyell	3.6	0.6	10.4	52.7	—	—	52.7
Tasmania							
1995	66.7	39.9	293.1	2 200.5	—	—	2 200.5
1994	72.3	29.2	260.0	1 124.6	—	—	1 124.6
1993²	83.7	28.2	176.9	1 087.2	—	—	1 087.2

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

² 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

	Units	1993 ¹	1994	1995
Beans				
Area	ha	1 168.2	1 324.0	1 219.3
Production	t	8 932.2	7 697.8	8 461.9
Yield	t/ha	7.6	5.8	6.9
Broccoli				
Area	ha	237.1	320.9	403.3
Production	t	1 708.0	2 264.2	2 732.5
Yield	t/ha	7.2	7.1	6.8
Brussel sprouts				
Area	ha	75.8	66.4	43.3
Production	t	1 204.3	952.6	696.6
Yield	t/ha	15.9	14.3	16.1
Cabbages				
Area	ha	114.8	89.9	83.6
Production	t	4 441.9	2 776.4	2 484.7
Yield	t/ha	38.7	30.9	29.7
Carrots				
Area	ha	424.5	357.0	425.4
Production	t	19 200.4	19 422.0	21 539.8
Yield	t/ha	45.2	54.4	50.6
Cauliflower				
Area	ha	354.8	276.7	308.0
Production	t	5 692.8	4 559.9	4 928.4
Yield	t/ha	16.0	16.5	16.0
Celery				
Area	ha	17.1	17.2	24.0
Production	t	587.6	762.3	790.0
Yield	t/ha	34.4	44.3	32.9
Cucumber				
Area	ha	2.0	2.0	2.0
Production	t	86.4	109.6	108.6
Yield	t/ha	43.2	54.8	54.3
Green Peas				
Area	ha	5 974.9	7 268.1	6 040.9
Production	t	61 553.4	77 855.4	37 946.0
Yield	t/ha	10.3	10.7	6.3
Leeks				
Area	ha	3.0	3.4	5.3
Production	t	23.1	43.1	45.9
Yield	t/ha	7.7	12.7	8.7
Lettuces				
Area	ha	73.5	93.5	85.8
Production	t	1 145.4	1 336.2	1 697.2
Yield	t/ha	15.6	14.3	19.8
Mushrooms				
Area	ha	3.7	1.9	1.6
Production	t	504.2	457.0	503.3
Yield	t/ha	136.3	240.5	314.6
Onions (white and brown)²				
Area	ha	1 177.3	1 250.2	1 482.1
Production	t	59 305.0	70 709.1	73 536.9
Yield	t/ha	50.4	56.6	49.6
Parsnips				
Area	ha	27.2	24.9	36.3
Production	t	472.0	447.2	484.6
Yield	t/ha	17.4	18.0	13.3
Potatoes²				
Area	ha	6 115.8	6 862.8	6 067.8
Production	t	269 901.6	291 422.7	255 737.8
Yield	t/ha	44.1	42.5	42.1
Pumpkins				
Area	ha	116.8	159.9	107.3
Production	t	2 430.3	2 405.7	2 164.6
Yield	t/ha	20.8	15.0	20.1

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.

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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
Spring onions				
Area	ha	82.7	30.8	22.5
Production	t	1 031.7	449.0	341.1
Yield	t/ha	12.5	14.6	15.2
Swedes				
Area	ha	197.3	160.9	227.0
Production	t	3 027.0	2 494.7	3 799.2
Yield	t/ha	15.3	15.5	16.7
Sweet corn				
Area	ha	313.9	354.7	345.0
Production	t	5 188.1	5 245.8	6 107.7
Yield	t/ha	16.5	14.8	17.7
Tomatoes				
Area	ha	15.3	22.0	14.0
Production	t	666.4	863.4	831.2
Yield	t/ha	43.5	39.2	59.4

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

AREA, PRODUCTION AND YIELD OF VEGETABLES FOR HUMAN CONSUMPTION BY STATISTICAL DIVISION,
YEAR ENDED 31 MARCH 1995

	Units	Greater Hobart and Southern	Northern	Mersey-Lyell	Tasmania
Beans					
Area	ha	45.0	249.2	925.1	1 219.3
Production	t	186.4	1 488.1	6 787.4	8 461.9
Yield	t/ha	4.1	6.0	7.3	6.9
Broccoli					
Area	ha	13.6	24.9	364.8	403.3
Production	t	57.5	152.4	2 522.5	2 732.5
Yield	t/ha	4.2	6.1	6.9	6.8
Brussel sprouts					
Area	ha	0.2	0.5	42.6	43.3
Production	t	0.7	0.4	695.5	696.6
Yield	t/ha	3.5	0.8	16.3	16.1
Cabbages					
Area	ha	15.6	8.6	59.4	83.6
Production	t	207.2	331.5	1 946.0	2 484.7
Yield	t/ha	13.3	38.5	32.8	29.7
Carrots					
Area	ha	4.8	78.9	341.7	425.4
Production	t	76.0	4 202.4	17 261.4	21 539.8
Yield	t/ha	15.8	53.3	50.5	50.6
Cauliflower					
Area	ha	18.3	37.9	251.8	308.0
Production	t	561.1	625.2	3 742.1	4 928.4
Yield	t/ha	30.7	16.5	14.9	16.0
Celery					
Area	ha	—	—	24.0	24.0
Production	t	—	—	790.0	790.0
Yield	t/ha	—	—	32.9	32.9
Cucumber					
Area	ha	1.2	0.5	0.3	2.0
Production	t	35.8	5.5	67.4	108.6
Yield	t/ha	29.8	11.0	224.7	54.3
Green Peas					
Area	ha	326.5	3 373.8	2 340.6	6 040.9
Production	t	1 617.1	20 753.4	15 575.5	37 946.0
Yield	t/ha	5.0	6.2	6.7	6.3
Leeks					
Area	ha	0.5	0.3	4.5	5.3
Production	t	2.6	2.3	41.0	45.9
Yield	t/ha	5.2	7.7	9.1	8.7
Lettuces					
Area	ha	50.7	4.7	30.4	85.8
Production	t	1 467.3	43.2	186.7	1 697.2
Yield	t/ha	28.9	9.2	6.1	19.8
Mushrooms					
Area	ha	0.4	—	1.2	1.6
Production	t	138.3	—	365.0	503.3
Yield	t/ha	345.8	—	304.2	314.6
Onions (white and brown)					
Area	ha	18.1	346.6	1 117.4	1 482.1
Production	t	638.5	16 510.5	56 387.9	73 536.9
Yield	t/ha	35.3	47.6	50.5	49.6
Parsnips					
Area	ha	—	6.7	29.6	36.3
Production	t	—	73.6	411.0	484.6
Yield	t/ha	—	11.0	13.9	13.3
Potatoes					
Area	ha	216.7	1 896.6	3 954.5	6 067.8
Production	t	5 121.0	75 865.7	174 751.1	255 737.8
Yield	t/ha	23.6	40.0	44.2	42.1

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AREA, PRODUCTION AND YIELD OF VEGETABLES FOR HUMAN CONSUMPTION BY STATISTICAL DIVISION,
YEAR ENDED 31 MARCH 1995 - *continued*

	<i>Units</i>	<i>Greater Hobart and Southern</i>	<i>Northern</i>	<i>Mersey-Lyell</i>	<i>Tasmania</i>
Pumpkins					
Area	ha	11.0	17.1	79.2	107.3
Production	t	128.9	213.0	1 822.7	2 164.6
Yield	t/ha	11.7	12.5	23.0	20.1
Spring onions					
Area	ha	1.8	—	20.7	22.5
Production	t	14.7	—	326.4	341.1
Yield	t/ha	8.2	—	15.8	15.2
Swedes					
Area	ha	20.8	28.9	177.3	227.0
Production	t	192.1	306.3	3 300.8	3 799.2
Yield	t/ha	9.2	10.6	18.6	16.7
Sweet corn					
Area	ha	5.5	68.4	271.1	345.0
Production	t	52.1	1 204.2	4 851.4	6 107.7
Yield	t/ha	9.5	17.6	17.9	17.7
Tomatoes					
Area	ha	8.4	3.3	2.3	14.0
Production	t	486.7	203.5	141.0	831.2
Yield	t/ha	58.0	61.7	61.3	59.4

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

	1993	1994	1995p
	\$m	\$m	\$m
Asparagus	—	0.1	—
Beans, french and runner	3.2	2.6	9.4
Beetroot	—	0.3	0.3
Broccoli	—	0.3	3.1
Cabbages and brussels sprouts	2.4	1.4	1.3
Carrots	4.0	3.4	11.2
Cauliflower	2.8	3.8	3.2
Celery	0.5	0.4	0.6
Cucumbers	0.1	0.1	0.1
Green peas	8.6	10.6	18.1
Lettuces	1.3	1.6	2.3
Onions, white and brown	17.8	19.2	34.2
Parsnips	0.5	0.5	0.7
Potatoes	60.5	53.7	55.2
Pumpkins	0.6	0.7	0.7
Swedes	0.8	1.0	1.1
Sweet corn	0.8	0.9	2.0
Tomatoes	1.4	1.3	1.1

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AREA OF NURSERIES, CUT FLOWERS AND CULTIVATED TURF, BY STATISTICAL DIVISION,
SEASON 1994-95

	<i>Nurseries</i>	<i>Cut flowers</i>	<i>Cultivated turf</i>	<i>Total</i>
<i>Statistical division</i>	ha	ha	ha	ha
Greater Hobart and Southern	56.6	63.7	26.6	146.9
Northern	20.7	30.1	—	50.8
Mersey-Lyell	63.7	27.2	—	90.9
Tasmania	141.0	121.0	26.6	288.6

E. LIVESTOCK AND LIVESTOCK PRODUCTS

27

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>Per cent of total cattle herd</i>
	'000	'000	'000	'000	'000	%
Greater Hobart and Southern	2.3	44.2	30.7	7.6	84.8	16.7
Northern	5.2	96.9	66.6	38.3	206.9	40.8
Mersey-Lyell	4.1	82.7	63.8	65.1	215.7	42.5
Tasmania						
1995	11.5	223.7	161.1	111.1	507.4	100.0
1994	11.6	244.5	156.7	94.5	507.3	100.0

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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>Per cent of total meat cattle establishments</i>
Greater Hobart and Southern	529	616	577	326	684	20.9
Northern	914	1 002	1 012	744	1 191	36.5
Mersey-Lyell	846	962	1 002	1 003	1 390	42.6
Tasmania						
1995	2 289	2 580	2 591	2 073	3 265	100.0
1994	2 371	2 705	2 589	1 682	3 339	100.0

NUMBER OF ESTABLISHMENTS BY SIZE OF MEAT CATTLE HERD, AT 31 MARCH 1994 AND 1995

Herd size	1994		1995	
	Number of establishments	Percentage of establishments with meat cattle	Number of establishments	Percentage of establishments with meat cattle
		%		%
1 to 29	831	24.9	700	21.4
30 to 49	447	13.4	461	14.1
50 to 69	388	11.6	371	11.4
70 to 99	385	11.5	405	12.4
100 to 149	396	11.9	414	12.7
150 to 199	235	7.0	260	8.0
200 to 299	251	7.5	245	7.5
300 to 399	137	4.1	120	3.7
400 to 499	88	2.6	89	2.7
500 to 699	71	2.1	95	2.9
700 to 999	55	1.6	56	1.7
1,000 to 1,499	28	0.8	25	0.8
1,500 to 1,999	14	0.4	9	0.3
2,000 to 4,999	11	0.3	14	0.4
5,000 to 9,999	2	0.1	1	—
Total establishments	3 339	100.0	3 265	100.0

Herd size	1994		1995	
	Number of meat cattle	Percentage of total meat cattle herd	Number of meat cattle	Percentage of total meat cattle herd
	'000	%	'000	%
1 to 29	11.3	2.2	9.9	2.0
30 to 49	17.3	3.4	17.7	3.5
50 to 69	23.1	4.6	21.8	4.3
70 to 99	31.8	6.3	33.4	6.6
100 to 149	48.2	9.5	50.3	9.9
150 to 199	40.4	8.0	44.7	8.8
200 to 299	60.5	11.9	59.6	11.7
300 to 399	47.2	9.3	41.1	8.1
400 to 499	39.0	7.7	39.6	7.8
500 to 699	42.2	8.3	56.4	11.1
700 to 999	45.9	9.0	46.3	9.1
1,000 to 1,499	32.8	6.5	28.6	5.6
1,500 to 1,999	23.7	4.7	15.2	3.0
2,000 to 4,999	31.2	6.2	37.1	7.3
5,000 to 9,999	12.8	2.5	5.6	1.1
Total	507.3	100.0	507.4	100.0

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MILK CATTLE NUMBERS BY STATISTICAL DIVISION, AT 31 MARCH 1995

Statistical division	Cows in milk and dry	Other milk cattle	Total milk cattle ¹	Per cent of total cattle herd
	'000	'000	'000	%
Greater Hobart and Southern	4.2	2.2	6.4	3.5
Northern	42.3	26.3	68.6	37.0
Mersey-Lyell	72.4	37.8	110.2	59.5
Tasmania				
1995	118.9	66.4	185.3	100.0
1994	112.5	59.1	171.6	100.0

¹ Excluding house cows and heifers.

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

<i>Statistical division</i>	<i>Cows in milk and dry</i>	<i>Other milk cattle</i>	<i>Total establishments with milk cattle</i>	<i>Percentage of total milk cattle establishments</i>
Greater Hobart and Southern	40	35	45	5.0
Northern	282	290	305	34.1
Mersey-Lyell	501	511	545	60.9
Tasmania				
1995	823	836	895	100.0
1994	845	899	936	100.0

¹ Excludes establishments with house cows and heifers only.

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

<i>Herd Size</i>	<i>1994</i>		<i>1995</i>	
	<i>Number of establishments</i>	<i>Percentage of milk cattle establishments</i>	<i>Number of establishments</i>	<i>Percentage of milk cattle establishments</i>
		<i>%</i>		<i>%</i>
1 to 49	149	15.9	110	12.3
50 to 99	148	15.8	136	15.2
100 to 149	161	17.2	168	18.8
150 to 199	143	15.3	127	14.2
200 to 249	123	13.1	101	11.3
250 to 299	73	7.8	88	9.8
300 to 349	53	5.7	58	6.5
350 to 399	22	2.4	21	2.3
400 to 499	31	3.3	43	4.8
500 and over	33	3.5	43	4.8
Total establishments	936	100.0	895	100.0

<i>Herd Size</i>	<i>1994</i>		<i>1995</i>	
	<i>Number of milk cattle</i>	<i>Percentage of total milk cattle</i>	<i>Number of milk cattle</i>	<i>Percentage of total milk cattle</i>
	<i>'000</i>	<i>%</i>	<i>'000</i>	<i>%</i>
1 to 49	2.9	1.7	2.5	1.3
50 to 99	11.3	6.6	9.9	5.3
100 to 149	19.7	11.5	20.6	11.1
150 to 199	24.9	14.5	21.9	11.8
200 to 249	27.7	16.1	22.6	12.2
250 to 299	20.0	11.7	24.0	13.0
300 to 349	17.2	10.0	18.6	10.0
350 to 399	8.1	4.7	7.8	4.2
400 to 499	13.6	7.9	19.0	10.3
500 and over	26.3	15.3	38.2	20.6
Total	171.6	100.0	185.3	100.0

¹ Excludes establishments with house cows and heifers only.

33

NUMBER OF SHEEP AND LAMBS BY STATISTICAL DIVISION, AT 31 MARCH 1994 AND 1995

<i>Statistical division</i>	<i>Sheep¹ (1 year and over)</i>	<i>Lambs and hoggets (under 1 year)</i>	<i>Total sheep and lambs</i>	<i>Percentage of total sheep flock</i>
	'000	'000	'000	%
Greater Hobart and Southern	1 267.7	388.3	1 656.0	43.0
Northern	1 501.5	489.1	1 990.6	51.7
Mersey-Lyell	146.7	59.6	206.3	5.3
Tasmania				
1995	2 915.8	937.1	3 852.9	100.0
1994	3 224.5	1 099.4	4 323.9	100.0

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

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

<i>Statistical division</i>	<i>Sheep¹ (1 year and over)</i>	<i>Lambs and hoggets (under 1 year)</i>	<i>Total establishments with sheep and lambs</i>
Greater Hobart and Southern	666	561	678
Northern	911	771	934
Mersey-Lyell	407	314	446
Tasmania			
1995	1 984	1 646	2 058
1994	2 188	1 766	2 234

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

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

Flock Size	1994		1995	
	Number of establishments	Percentage of sheep and lamb establishments	Number of establishments	Percentage of sheep and lamb establishments
		%		%
1 to 499	1 014	45.4	988	48.0
500 to 999	343	15.4	262	12.7
1,000 to 1,499	169	7.6	174	8.5
1,500 to 1,999	127	5.7	103	5.0
2,000 to 2,499	92	4.1	86	4.2
2,500 to 2,999	80	3.6	67	3.3
3,000 to 3,999	95	4.3	84	4.1
4,000 to 4,999	59	2.6	65	3.2
5,000 to 5,999	64	2.9	60	2.9
6,000 to 6,999	44	2.0	40	1.9
7,000 to 7,999	32	1.4	20	1.0
8,000 to 8,999	15	0.7	26	1.3
9,000 to 9,999	22	1.0	16	0.8
10,000 and over	78	3.5	67	3.3
Total establishments	2 234	100.0	2 058	100.0

Flock Size	1994		1995	
	Number of sheep and lambs	Percentage of total sheep and lambs	Number of sheep and lambs	Percentage of total sheep and lambs
	'000	%	'000	%
1 to 499	194.8	4.5	185.2	4.8
500 to 999	240.9	5.6	181.9	4.7
1,000 to 1,499	205.9	4.8	213.4	5.5
1,500 to 1,999	218.1	5.0	176.4	4.6
2,000 to 2,499	204.1	4.7	192.9	5.0
2,500 to 2,999	219.7	5.1	183.8	4.8
3,000 to 3,999	324.2	7.5	292.0	7.6
4,000 to 4,999	261.6	6.1	295.0	7.7
5,000 to 5,999	347.9	8.0	326.2	8.5
6,000 to 6,999	285.7	6.6	256.9	6.7
7,000 to 7,999	236.9	5.5	150.8	3.9
8,000 to 8,999	126.7	2.9	219.6	5.7
9,000 to 9,999	207.1	4.8	152.3	4.0
10,000 and over	1 250.4	28.9	1 026.6	26.6
Total	4 323.9	100.0	3 852.9	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
Greater Hobart and Southern	631.9	489.9	77.5	422.9	200.9	623.7
Northern	814.5	657.1	80.7	470.7	284.8	755.5
Mersey-Lyell	88.7	86.6	97.6	23.5	57.2	80.7
Tasmania						
1995	1 535.0	1 233.6	80.4	917.1	542.8	1 459.9
1994	1 636.4	1 402.2	85.7	n.a.	n.a.	n.a.

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

	Total pigs	Percentage of total pigs	Total establishments	Percentage of total pig establishments
<i>Statistical division</i>		%		%
Greater Hobart and Southern	3 090	8.1	41	27.1
Northern	24 699	64.8	64	42.4
Mersey-Lyell	10 324	27.1	46	30.5
Tasmania				
1995	38 113	100.0	151	100.0
1994	45 521	100.0	181	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

<i>Herd size</i>	1994		1995	
	<i>Number of establishments</i>	<i>Percentage of pig establishments</i>	<i>Number of establishments</i>	<i>Percentage of pig establishments</i>
1 to 9	46	25.4	44	29.1
10 to 19	25	13.8	29	19.2
20 to 29	21	11.6	10	6.6
30 to 39	8	4.4	7	4.6
40 to 49	8	4.4	5	3.3
50 to 69	14	7.7	12	7.9
70 to 99	11	6.1	5	3.3
100 to 149	7	3.9	10	6.6
150 to 199	8	4.4	2	1.3
200 to 299	12	6.6	6	4.0
300 to 499	4	2.2	7	4.6
500 to 699	5	2.8	4	2.6
700 to 999	2	1.1	2	1.3
1,000 and over	10	5.5	8	5.3
Total establishments	181	100.0	151	100.0

<i>Herd size</i>	1994		1995	
	<i>Number of pigs</i>	<i>Percentage of total pigs</i>	<i>Number of pigs</i>	<i>Percentage of total pigs</i>
1 to 9	209	0.5	184	0.5
10 to 19	329	0.7	380	1.0
20 to 29	513	1.1	244	0.6
30 to 39	273	0.6	233	0.6
40 to 49	347	0.8	208	0.5
50 to 69	843	1.9	693	1.8
70 to 99	910	2.0	428	1.1
100 to 149	857	1.9	1 263	3.3
150 to 199	1 369	3.0	303	0.8
200 to 299	2 935	6.4	1 450	3.8
300 to 499	1 695	3.7	2 540	6.7
500 to 699	2 948	6.5	2 112	5.5
700 to 999	1 730	3.8	1 600	4.2
1,000 and over	30 563	67.1	26 475	69.5
Total	45 521	100.0	38 113	100.0

¹ Includes suckers, weaners, growers etc.

39

POULTRY NUMBERS BY STATISTICAL DIVISION, AT 31 MARCH 1995

Statistical division	Number of chickens	
	For egg production	For meat production
	'000	'000
Greater Hobart and Southern	123.5	n.a.
Northern	92.2	n.a.
Mersey-Lyell	28.7	n.a.
Tasmania		
1995	244.4	n.a.
1994	223.4	n.a.

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

Statistical division	Number of establishments		Number of livestock	
	Deer	Horses for breeding ¹	Deer	Horses for breeding ¹
	Greater Hobart and Southern	27	48	7 079
Northern	33	70	7 861	544
Mersey-Lyell	12	39	3 121	318
Tasmania				
1995	72	157	18 061	1 238
1994	74	183	21 087	1 806

¹ Comprises horses on establishments with agricultural activity.

41

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

	Units	1993	1994	1995
Number of livestock slaughtered ^{1, 2}				
Cattle	'000	189.4	187.0	207.8
Calves	'000	32.7	23.2	28.7
Sheep	'000	473.4	526.1	565.5
Lambs	'000	456.5	437.8	475.6
Pigs	'000	92.5	95.8	92.9
Meat produced ^{1, 3}				
Beef	tonnes	44 925	47 458	49 661
Veal	tonnes	692	515	1 161
Mutton	tonnes	8 949	9 992	11 157
Lamb	tonnes	7 456	7 047	8 083
Pigmeat	tonnes	5 749	6 019	6 132
Whole milk intake by factories ⁴	million litres	413	447	436
Wool ⁵				
Brokers and dealer receivals of taxable wool	tonnes	17 384	18 633	17 557
Eggs produced ⁶	'000 dozen	n.c.	3 755.2	4 098.5
Honey and beeswax produced ⁷	'000 kg	742.8	632.0	979.0

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

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

³ Dressed carcass weight, excluding offal.

⁴ Source: Australian Dairy Corporation.

⁵ Source: ABS Wool Brokers and Dealers Collection.

⁶ Collected at 31 March.

⁷ Includes honeycomb.

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

	1993	1994	1995p
	\$m	\$m	\$m
Livestock slaughtering ¹			
Cattle and calves	91.9	112.5	105.6
Sheep and lambs ²	13.4	13.9	11.6
Other	22.0	12.0	21.7
Wool			
Shorn and crutched	60.1	71.7	102.9
Other	2.6	2.5	4.4
Total	62.7	74.2	107.3
Production of milk			
Manufacturing	92.6	102.4	81.1
Human consumption	23.4	24.5	26.0
Total	116.0	126.8	107.1
Eggs	7.4	7.2	7.7
Honey and beeswax	1.3	1.0	1.6

¹ Includes net exports of livestock.

² Excludes values of wool on skins.

43

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

	Units	1994	1995
Number of apiarists		32	30
Beehives			
Productive ¹		10 474	12 860
Unproductive		1 766	2 038
Total		12 240	14 898
Honey produced			
Quantity	kg	623 082	978 978
Average production ²	kg/hive	59.5	76.1
Beeswax produced	kg	8 933	12 952

¹ Beehives from which honey was taken.

² Average production per productive beehive.

F. FARM FINANCES

44

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	0.7	1	0.8	1	52.0	13	44.4	13
Sales from livestock	0.3	15	0.7	45	0.9	40	0.7	42
Sales from livestock products	8.3	6	9.3	18	4.2	83	0.3	20
Turnover	10.3	3	11.3	13	60.7	16	49.8	14
Purchases and selected expenses	5.9	5	6.7	14	33.7	17	29.7	13
Value added ¹	4.4	2	4.6	12	27.5	17	20.4	17
Adjusted value added ¹	3.9	3	4.1	12	24.7	17	18.2	19
Gross operating surplus ¹	2.4	5	1.9	11	11.8	19	7.2	33
Interest paid	0.3	23	0.2	55	1.6	28	0.9	33
Cash operating surplus ²	2.3	4	1.9	11	9.8	19	5.9	41
Gross indebtedness	5.2	7	5.2	22	19.6	23	12.6	33
Total net capital expenditure	0.2	11	0.3	31	3.0	23	2.1	37

Items	Vegetables 0113				Grain-sheep-beef ³ 0121-0122			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	81.9	13	96.4	9	4.3	50	1.1	*
Sales from livestock	20.6	34	26.8	35	1.4	50	0.3	88
Sales from livestock products	5.9	50	2.2	50	2.0	44	0.4	38
Turnover	116.0	13	136.2	11	9.5	43	2.6	85
Purchases and selected expenses	68.3	14	76.0	13	5.1	38	1.7	96
Value added ¹	46.3	14	61.6	14	3.6	57	1.0	65
Adjusted value added ¹	40.9	14	54.9	14	2.9	66	0.8	64
Gross operating surplus ¹	30.0	20	39.7	19	2.4	71	0.8	66
Interest paid	10.4	18	8.4	25	0.6	39	0.3	78
Cash operating surplus ²	21.2	33	29.7	24	1.8	73	0.4	*
Gross indebtedness	105.4	20	111.0	23	7.8	38	3.2	69
Total net capital expenditure	12.7	37	11.2	24	0.6	54	0.1	56

Items	Sheep-beef cattle 0123				Sheep 0124			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	2.2	35	1.1	37	7.9	24	13.9	50
Sales from livestock	31.8	9	29.1	20	13.1	13	17.9	14
Sales from livestock products	24.1	12	21.6	18	29.8	9	44.9	13
Turnover	59.7	8	58.9	17	55.5	9	82.5	14
Purchases and selected expenses	34.3	9	32.6	15	32.8	10	47.0	19
Value added ¹	11.8	26	27.9	20	13.0	17	32.7	19
Adjusted value added ¹	6.6	45	22.8	23	7.1	29	24.4	26
Gross operating surplus ¹	-2.3	**	12.9	29	-1.6	**	10.5	54
Interest paid	8.2	21	5.3	19	8.3	19	11.2	20
Cash operating surplus ²	4.9	53	6.9	62	0.6	**	2.3	*
Gross indebtedness	106.5	16	59.6	16	80.6	19	114.6	18
Total net capital expenditure	1.6	23	9.7	36	3.1	34	3.5	40

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

² Excludes an estimate for the value of the increase in livestock.

³ Grain industry not significant in this State and estimate included with Grain-sheep-beef.

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

Items	Beef cattle 0125				Dairy cattle 0130			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	6.1	35	4.0	56	12.7	43	9.8	40
Sales from livestock	29.0	21	62.2	18	15.7	21	26.8	37
Sales from livestock products	0.4	45	0.7	27	86.0	9	96.5	9
Turnover	40.2	20	73.0	17	121.1	8	139.7	11
Purchases and selected expenses	27.3	21	50.9	20	63.8	9	84.8	14
Value added ¹	13.6	29	23.9	13	60.4	11	55.1	10
Adjusted value added ¹	10.5	35	19.3	15	54.0	12	48.7	11
Gross operating surplus ¹	7.2	60	15.2	18	42.8	14	35.5	13
Interest paid	3.1	32	2.3	24	10.8	21	5.4	25
Cash operating surplus ²	-3.6	97	11.7	31	27.9	18	31.4	19
Gross indebtedness	33.6	28	44.3	29	82.1	20	81.8	28
Total net capital expenditure	1.5	44	-0.8	*	14.2	19	27.1	24

Items	Pigs 0151				Other agriculture 0111-0112, 0152-0159, 0169			
	1992-93		1993-94		1992-93		1993-94	
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	1.6	24	0.8	32	24.3	16	25.3	15
Sales from livestock	9.9	6	10.4	10	2.6	36	0.7	6
Sales from livestock products	0.3	11	0.1	33	11.7	38	0.6	65
Turnover	12.3	8	11.8	10	40.6	11	30.9	13
Purchases and selected expenses	9.8	11	9.0	10	23.5	12	14.0	19
Value added ¹	2.5	7	2.9	9	18.6	13	17.1	10
Adjusted value added ¹	1.9	10	2.4	9	16.0	14	14.9	10
Gross operating surplus ¹	0.8	21	1.5	15	9.4	19	7.1	14
Interest paid	0.5	24	0.5	37	1.7	26	2.3	17
Cash operating surplus ²	0.2	**	0.9	22	6.0	26	4.8	17
Gross indebtedness	7.8	16	5.0	24	23.7	18	43.1	16
Total net capital expenditure	1.7	48	0.4	38	3.0	23	1.1	18

Items	Agriculture all industries			
	1992-93		1993-94	
	\$m	%	\$m	%
Sales from crops	193.8	7	197.7	7
Sales from livestock	125.1	7	175.5	10
Sales from livestock products	172.8	5	176.6	6
Turnover	525.8	4	596.7	4
Purchases and selected expenses	304.7	4	352.3	6
Value added ¹	201.8	5	247.2	5
Adjusted value added ¹	168.6	6	210.5	6
Gross operating surplus ¹	103.0	10	132.3	9
Interest paid	45.5	8	36.9	9
Cash operating surplus ²	77.1	13	96.0	14
Gross indebtedness	472.2	8	480.5	9
Total net capital expenditure	41.6	14	54.7	16

Items	Aggregates					
	1989-90		1990-91		1991-92	
	\$m	SE	\$m	SE	\$m	SE
Sales from crops	132.6	9	131.4	6	161.5	7
Sales from livestock	115.6	7	123.7	5	111.6	7
Sales from livestock products	265.0	6	189.6	5	166.9	4
Turnover	559.1	4	484.7	3	481.7	4
Purchases and selected expenses	288.7	5	270.8	3	274.4	4
Value added ¹	292.7	7	184.3	5	210.6	6
Adjusted value added ¹	261.8	7	152.6	6	179.9	7
Gross operating surplus ¹	198.8	9	93.3	9	121.6	9
Interest paid	59.3	10	54.3	8	53.3	8
Cash operating surplus ²	129.0	11	80.8	12	69.2	16
Gross indebtedness	398.9	11	404.0	9	473.7	10
Total net capital expenditure	64.9	13	37.2	10	28.6	17

Items	Aggregates					
	1992-93		1993-94		1994-95p	
	\$m	SE	\$m	SE	\$m	SE
Sales from crops	193.8	7	197.7	7	192.9	8
Sales from livestock	125.1	7	175.5	10	122.1	8
Sales from livestock products	172.8	5	176.6	6	219.4	11
Turnover	525.8	4	596.7	4	595.5	5
Purchases and selected expenses	304.7	4	352.4	6	322.5	5
Value added ¹	201.8	5	247.2	5	n.y.a.	n.y.a.
Adjusted value added ¹	168.6	6	210.5	6	n.y.a.	n.y.a.
Gross operating surplus ¹	103.0	10	132.3	9	n.y.a.	n.y.a.
Interest paid	45.5	8	36.9	9	n.y.a.	n.y.a.
Cash operating surplus ²	77.1	13	96.0	14	101.1	17
Gross indebtedness	472.2	8	480.5	9	n.y.a.	n.y.a.
Total net capital expenditure	41.6	14	54.7	16	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	41.3	43.4	50.5	61.8	62.8	n.y.a.
Sales from livestock	36.0	40.9	34.9	39.9	55.7	n.y.a.
Sales from livestock products	82.4	62.7	52.2	55.1	56.1	n.y.a.
Turnover	173.9	160.2	150.8	167.6	189.5	n.y.a.
Purchases and selected expenses	89.8	89.5	85.9	97.1	111.9	n.y.a.
Value added ¹	91.0	60.9	65.9	64.3	78.5	n.y.a.
Adjusted value added ¹	81.4	50.4	56.3	53.7	66.8	n.y.a.
Gross operating surplus ¹	61.8	30.8	38.0	32.8	42.0	n.y.a.
Interest paid	18.5	18.0	16.7	14.5	11.7	n.y.a.
Cash operating surplus ²	40.1	26.7	21.7	24.6	30.5	n.y.a.
Gross indebtedness	124.1	133.6	148.3	150.5	152.6	n.y.a.
Total net capital expenditure	20.2	12.3	9.0	13.3	17.4	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.

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
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 Estimated Value of Agricultural Operations (EVAO). It should be noted that EVAO is applicable *only for industry coding and size valuation purposes*. It is not an indicator of receipts obtained by units or of the value of agricultural commodities produced by these units.

DEFINITIONS OF TERMS USED

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

- *Agricultural establishment* is an establishment which is engaged *mainly* in agricultural activities.
- *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 receipts 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> <p>(i) A monthly collection of National Council of Wool Selling Brokers of Australia in each State and incorporated in this publication with reference to the twelve months to 30 June. The data are compiled in terms of bales received into stores and converted to wool receipts in tonnes.</p> <p>(ii) A monthly ABS collection of other wool brokers and dealers in each State, also incorporated with reference to the twelve months to 30 June. Data are reported in tonnes, or converted to tonnes as required.</p>
MILK	<p>18 These statistics have been collected by the Australian Dairy Corporation (ADC). 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 estimated value of agricultural operations (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 Estimated Value of Agricultural Operations (EVAO) of \$22,500 or more.</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 *Publications Advice (1105.0)* which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

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 Frank McCallum on (002) 205 939.

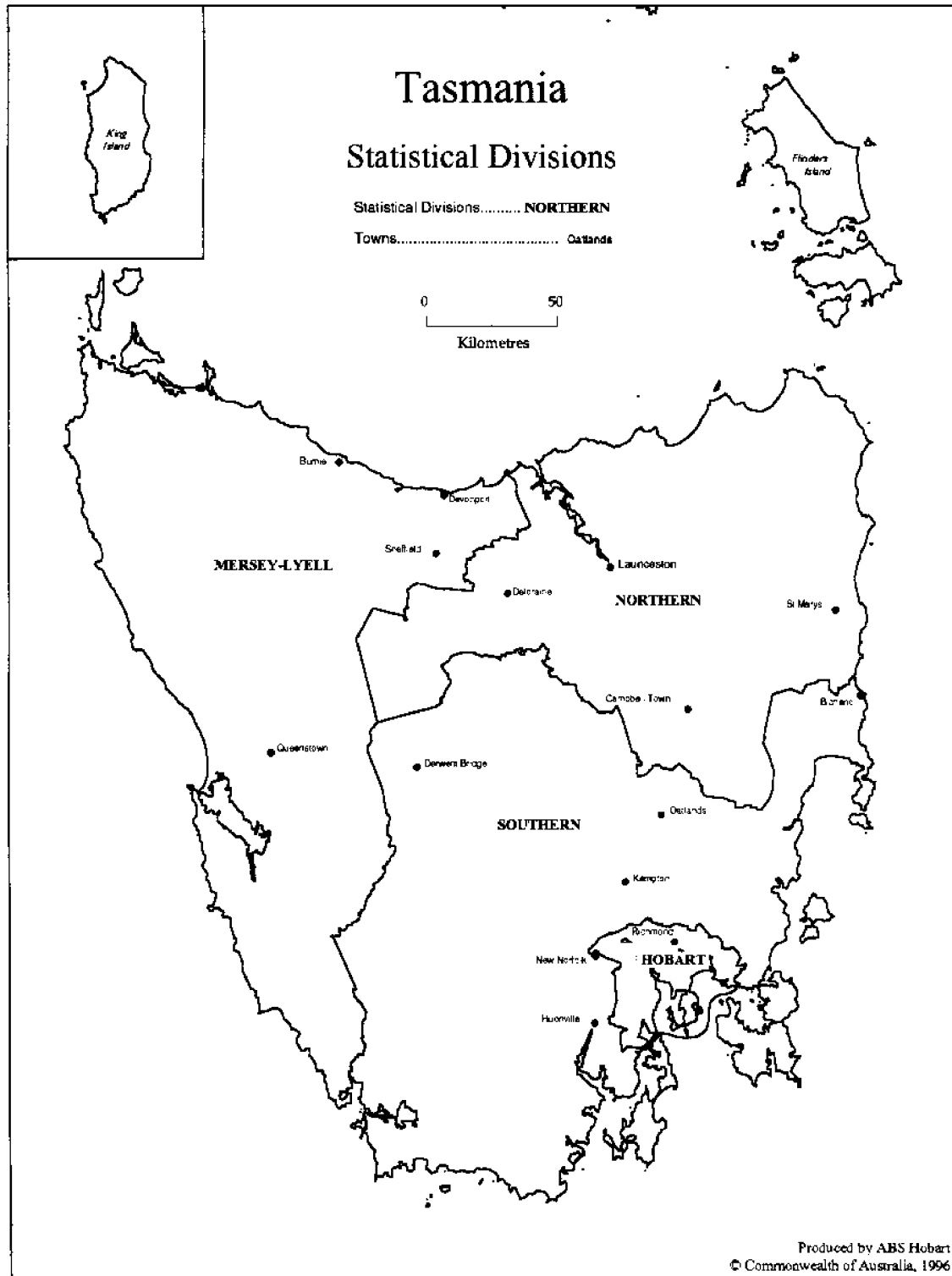
31 Symbols and other usages:

- nil or rounded to zero
- ha hectares
- t tonnes
- n.a. not available
- n.e.c. not elsewhere classified
- n.y.a. not yet available
- n.p. not published
- p preliminary
- r revised
- * SE% greater than 100. Estimate included for completeness. Sampling variability too high for most practical purposes.
- ** Where an estimate is small compared to previous years, the relative standard error may be a misleading indicator of the reliability of the estimate.

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

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

STATISTICAL DIVISIONS OF TASMANIA



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 Frank McCallum on (002) 20 5939

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

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