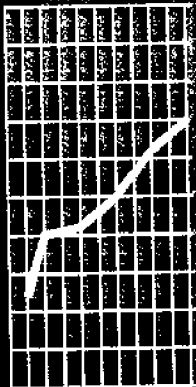




1993-94

# Agriculture Tasmania





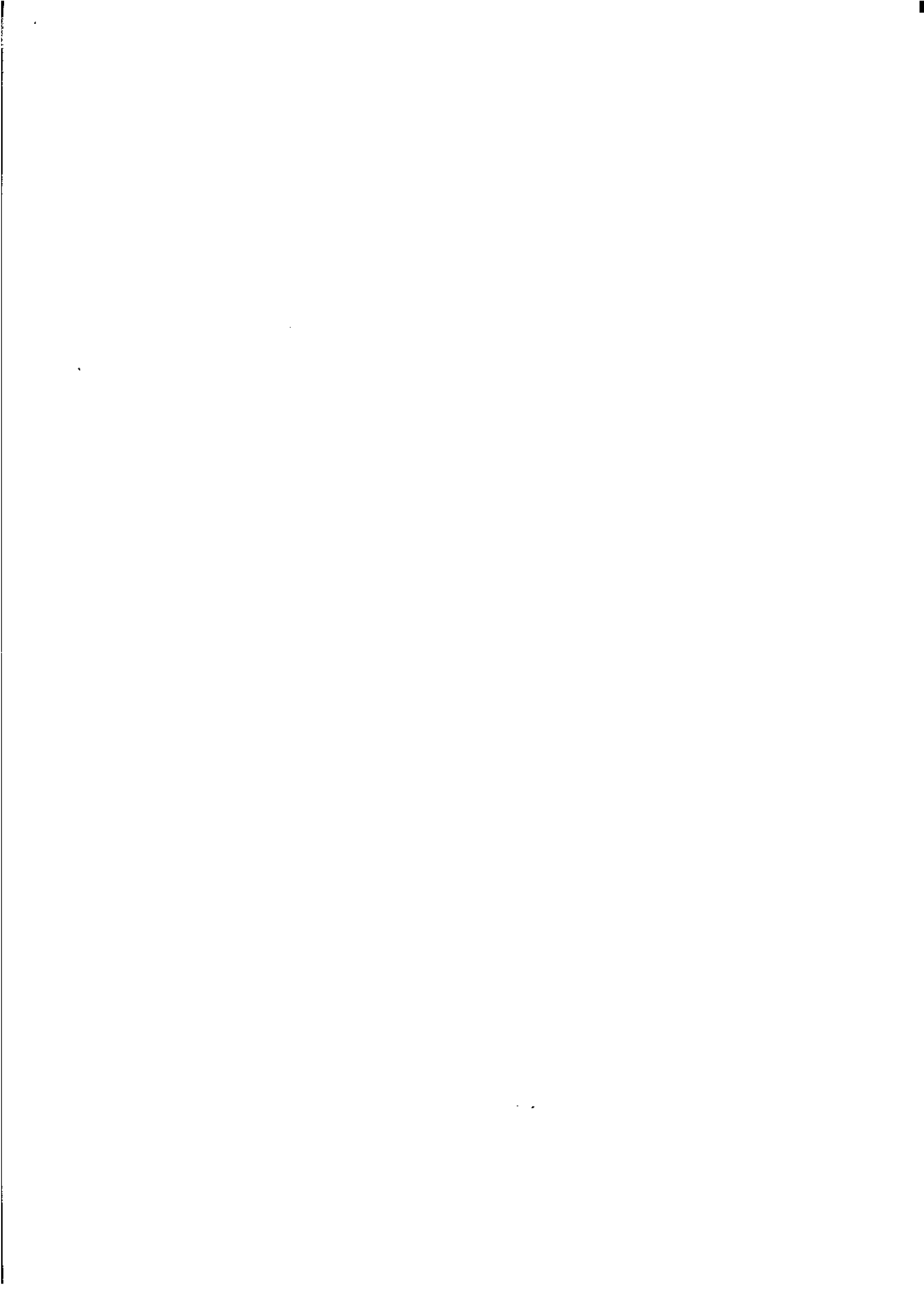
**EMBARGOED UNTIL 11.30 A.M. 24 OCTOBER 1995**

**AGRICULTURE  
TASMANIA  
1993-94**

**Denis W. Rogers  
Acting Deputy Commonwealth Statistician**

**AUSTRALIAN BUREAU OF STATISTICS**

**CATALOGUE NO. 7114.6**



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<b>MAIL INQUIRIES</b>	<ul style="list-style-type: none"> <li>• <i>write to Information Services, ABS, PO Box 66A, Hobart, Tasmania, 7001, or any State Office.</i></li> </ul>
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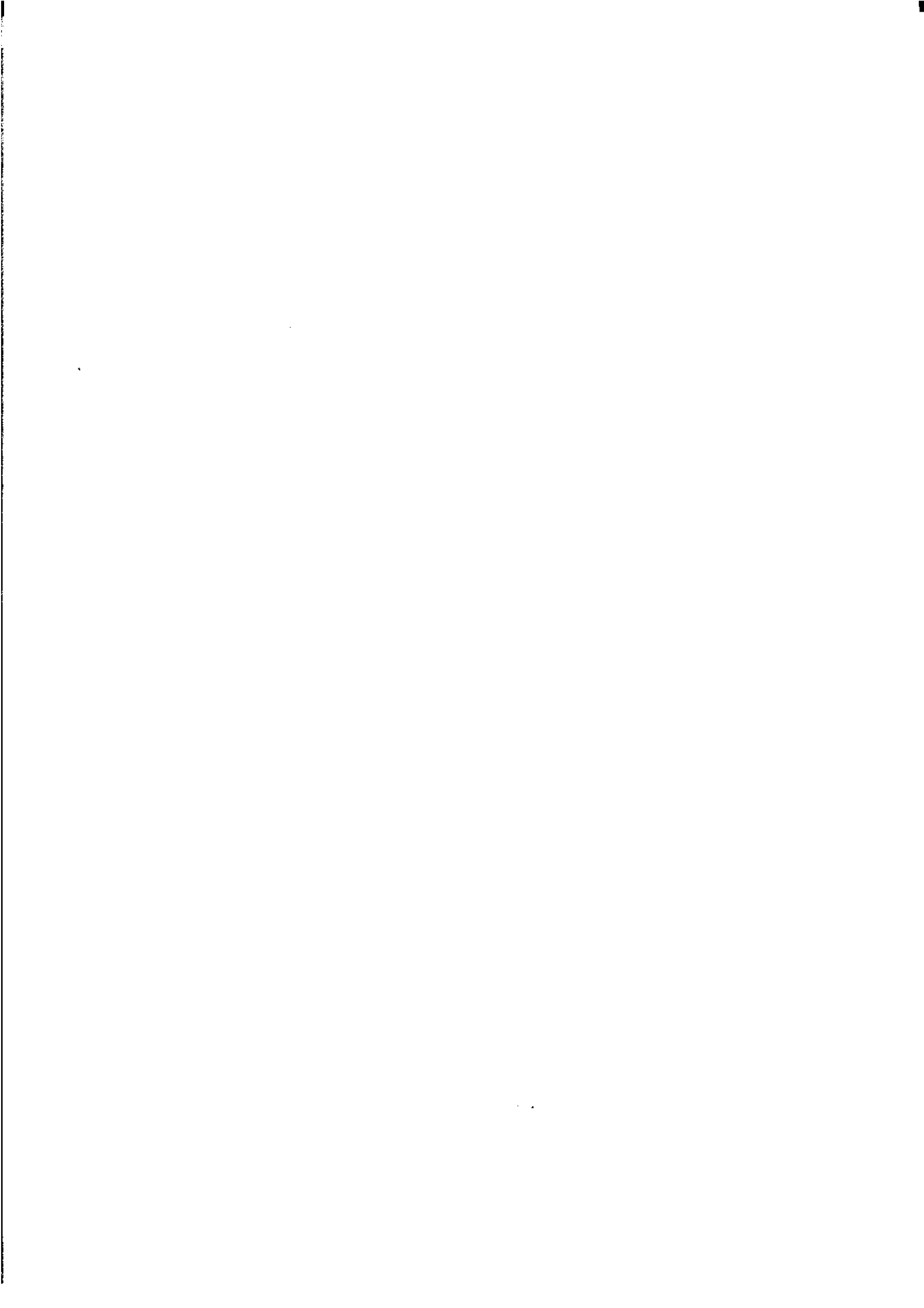
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## SUMMARY OF FINDINGS - TASMANIA

### A. Structure of the agricultural industry

At 31 March 1994 there were 4,663 establishments in Tasmania with agricultural activity and an Estimated Value of Agricultural Operations (EVAO) of \$5,000 or more. Establishments classified to agriculture (ANZSIC sub-division 01) accounted for 96.7 per cent (4,509) of these establishments. Five years earlier the number of establishments with agricultural activity and an EVAO of \$5,000 or more was 5,303. Of these establishments 5,129 (96.7 per cent) were establishments classified to agriculture.

At 31 March 1994, 25.6 per cent (1,156) of the establishments with an EVAO of \$5,000 or more classified to agriculture were in the beef cattle farming industry. Other principal agricultural industries, in terms of the number of establishments were:

	number	% of all agricultural establishments
Dairy cattle farming	805	17.9
Sheep farming	653	14.5
Vegetable growing	623	13.8

Establishments classified to the sheep farming industry have shown a significant fall over the period 31 March 1992 to 31 March 1994, falling from 897 establishments to 653 (27.2 per cent decrease), a reflection of the fall in wool prices.

At 31 March 1994, establishments with an EVAO of between \$5,000 and \$49,000 accounted for 41.5 per cent of those establishments which had an EVAO of \$5,000 or more and were classified to agriculture. In contrast, only 4.0 per cent of establishments classified to agriculture had an EVAO of \$500,000 or greater. Of these large establishments, approximately one-third were in the vegetable growing industry.

### B. Land management and farm inputs

In 1993-94, establishments with agricultural activity with an EVAO of \$5,000 or more accounted for 28.7 per cent (1,968,758 hectares) of Tasmania's total area. The area used for crops in 1993-94 was 77,715 hectares and 861,800 hectares were sown pastures and grasses.

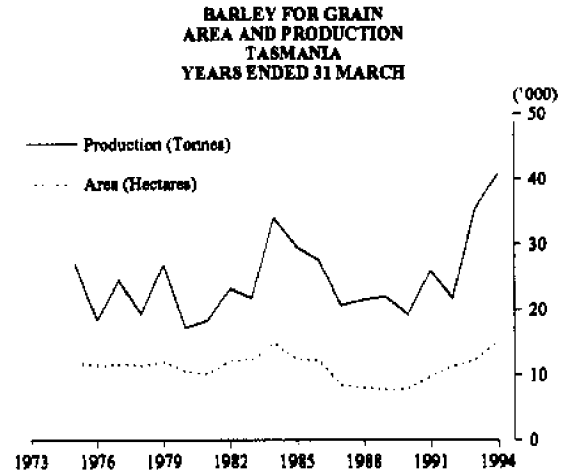
In 1993-94, a total of 378,600 hectares had fertiliser applied at an average rate of 0.3 tonnes per hectare. A further 43,500 hectares were treated with soil conditioners (lime, dolomite or gypsum). The average application rate of soil conditioners was 2.1 tonnes per hectare.

Farmers irrigated 61,100 hectares of crops, fruit and pasture during 1993-94. Pasture irrigation (33,000 hectares) accounted for 54.0 per cent of the total area irrigated and vegetables for human consumption (16,500 hectares) 27.0 per cent. Based on area irrigated, the principal source of irrigation water was farm dams (32,984 hectares, 54.0 per cent) followed by pumping from uncontrolled rivers (17,943 hectares, 29.4 per cent). Pumping from uncontrolled rivers accounted for 46.5 per cent of the area irrigated in the Greater Hobart and Southern Statistical Divisions. In the Northern and Mersey-Lyell Statistical Divisions, farm dams were the principal source of irrigation water (48.0 and 80.3 per cent respectively).

### C. Crops and pastures

The principal cereal grain crop grown in Tasmania is barley. In 1993-94 15,204 hectares were sown to barley for grain. Production of barley in 1993-94 was 40,755 tonnes, giving an average yield of 2.7 tonnes per hectare. The area of hops in 1993-94 was 800 hectares and production was 2,105 tonnes. The area of pyrethrum in 1993-94 was 1,117 hectares and the area of oil poppies was 5,853 hectares.

The area of lucerne harvested for hay in 1993-94 was 1,722 hectares. Hay produced from this area was 7,963 tonnes.



### D. Horticulture

Apple production in 1993-94 was 54,954 tonnes produced from 1,489,661 trees at an average of 36.9 kg per tree. The 1993-94 production was 2.2 per cent below the previous year. Apple growing remains heavily concentrated in the traditional Southern area. The Greater Hobart and Southern Statistical Divisions accounted for 73.3 per cent of apple trees and 82.6 per cent of apple production in 1993-94.

There have been significant increases in the amount of apricot and nectarine fruit produced over recent years:

	1992	1993	1994
Apricots	97,948 kg	120,343 kg	196,598 kg
Nectarines	40,973 kg	106,295 kg	109,830 kg

The area of vineyards has also shown significant increases over recent years. In 1992 the total area of vines at harvest was 217 hectares and in 1994 it was 362 hectares, an increase of 66.9 per cent. Bearing area increased from 149 hectares to 260 hectares and non-bearing area from 67 hectares to 102 hectares.

The total area of vegetables for human consumption grown in the year ended 31 March 1994 was 19,192 hectares, 13.7 per cent more than in the previous year. The area and production of principal vegetable crops were:

	Area	Production
Green Peas for processing	7,254 ha	35,054 tonnes
Beans (French and runner)	1,324 ha	7,697 tonnes
Onions (white and brown)	1,250 ha	70,709 tonnes

In 1993-94 the Mersey-Lyell Statistical Division accounted for 58.4 per cent of the total area planted for vegetables for human consumption. This statistical division produced 67.1 per cent of the total Tasmanian potato crop in 1993-94.

### E. Livestock and livestock products

The Tasmanian meat cattle herd at 31 March 1994 was 507,300, significantly higher than the 1993 meat cattle herd, which was 445,200. Mersey-Lyell Statistical Division had 42.0 per cent of Tasmania's meat cattle herd and the Northern Statistical Division had 41.3 per cent.

The milk cattle herd has shown considerable growth over recent years. At 31 March 1994 the total number of milk cattle was 171,600, which is 7.6 per cent higher than the 31 March 1993 number. The dairying industry is concentrated in the North West of Tasmania. At 31 March 1994, 61.0 per cent of the milk cattle herd was located in the Mersey-Lyell Statistical Division.

The gross value of Tasmanian milk production in 1993-94 was \$126.8 million, 9.3 per cent above the gross value for 1993, and 38.1 per cent higher than the gross value of 1992 milk production.

The sheep flock at 31 March 1994 was 4,323,900. The Northern Statistical Division had 52.6 per cent of Tasmania's sheep flock. Only 6.4 per cent of the flock was in the Mersey-Lyell Statistical Division.

Total Tasmanian wool production in 1993-94 was 17,613 tonnes, marginally up on the production of the previous year.

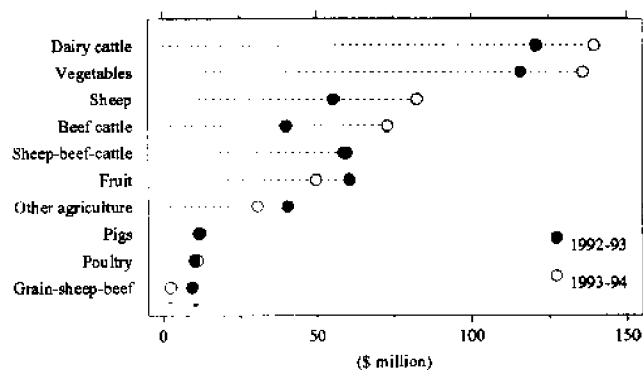
The Tasmanian pig herd at 31 March 1994 was 45,521, slightly above the number for the previous year.

The number of deer reported at 31 March 1994 in Tasmania was 21,087, which was 53.0 per cent higher than the previous year.

### F. Farm Finances

Estimated Tasmanian farm business turnover for 1993-94 was \$596.7 m, an increase of 13.5 per cent on the previous year. Farm business estimated cash operating surplus was \$96.0 m. In terms of turnover Tasmania's two main agricultural industries are dairy cattle farming and vegetable growing; together the two industries accounted for 46.2 per cent of the farm business turnover made in 1993-94. The sheep industry continued to recover and estimated turnover in 1993-94 was \$82.5 compared with an estimated 1992-93 turnover of \$55.5 million.

TOTAL TURNOVER OF FARM BUSINESSES BY INDUSTRY, 1992-93 AND 1993-94



### A. STRUCTURE OF AGRICULTURAL INDUSTRY

**TABLE 1. NUMBER OF ESTABLISHMENTS BY TYPE, HAVING EVAO \$5,000 AND OVER (a),  
31 MARCH 1985 TO 1994**

Year/Unit (b)	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Agricultural establishments	5,036	4,848	5,157	n.a.	5,129	n.a.	n.a.	4,757	4,587	4,509
Establishments with agricultural activity	5,107	4,921	5,307	n.a.	5,303	n.a.	n.a.	4,884	4,719	4,663

(a) Number of establishments with EVAO of \$5,000 or more at the time of selection in the Agricultural Census

(b) See Explanatory Notes, paragraph 11.

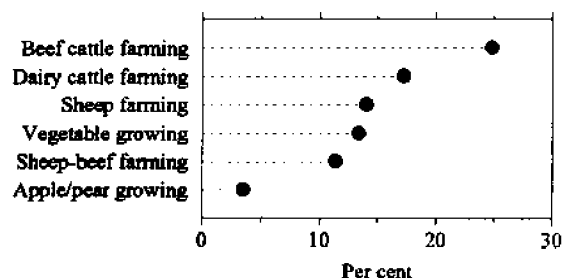
**TABLE 2. NUMBER OF ESTABLISHMENTS BY TYPE, HAVING EVAO \$22,500 (a) AND OVER,  
31 MARCH 1992 TO 1994**

Year/Unit (b)	1992	1993	1994
Agricultural establishments	3,356	3,441	3,346
Establishments with agricultural activity	3,413	3,518	3,420

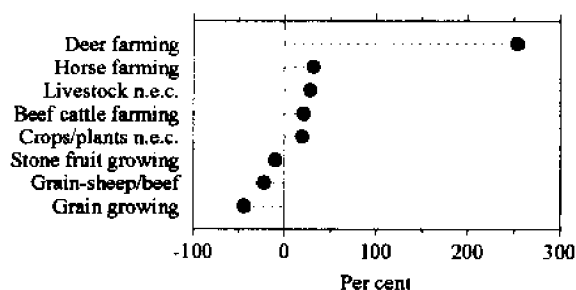
(a) See Explanatory Notes, paragraph 3.

(b) See Explanatory Notes, paragraph 11.

**PERCENTAGES OF ESTABLISHMENTS BY INDUSTRY  
TASMANIA, AS AT 31 MARCH 1994**



**PERCENTAGE CHANGE IN THE NUMBER OF ESTABLISHMENTS  
BETWEEN 31 MARCH 1993 AND 31 MARCH 1994, TASMANIA**



**TABLE 3. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY OF ESTABLISHMENT, HAVING EVAO \$5,000 AND OVER (a), AT 31 MARCH 1992 TO 1994.**

<i>Industry of Establishment</i>				
<i>ANZSIC Code</i>	<i>Description</i>	<i>1992</i>	<i>1993</i>	<i>1994</i>
0111	Plant nurseries	103	45	39
0112	Cut flower and flower seed growing	(b)	59	60
0113	Vegetable growing	595	622	623
0114	Grape growing	29	39	47
0115	Apple and pear growing	175	170	164
0116	Stone fruit growing	17	16	17
0117	Kiwi fruit growing	—	—	—
0119	Fruit growing n.e.c.	36	30	38
0121	Grain growing	19	21	14
0122	Grain-sheep/beef cattle farming	78	107	84
0123	Sheep-beef cattle farming	578	553	532
0124	Sheep farming	897	731	653
0125	Beef cattle farming	1,152	1,145	1,156
0130	Dairy cattle farming	818	789	805
0141	Poultry farming (meat)	12	13	12
0142	Poultry farming (eggs)	15	17	18
0151	Pig farming	59	65	54
0152	Horse farming	64	59	59
0153	Deer farming	18	16	40
0159	Livestock farming n.e.c.	26	37	42
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	66	53	52
<i>Total (ANZSIC Code 01)</i>		<i>4,757</i>	<i>4,587</i>	<i>4,509</i>
02	Services to agriculture; hunting and trapping	4	5	11
03	Forestry and logging	11	13	12
04	Commercial fishing	5	4	6
<i>Total (ANZSIC Division A)</i>		<i>4,777</i>	<i>4,609</i>	<i>4,538</i>
B	Mining	2	2	2
C	Manufacturing	5	5	6
D	Electricity, gas and water supply	—	—	—
E	Construction	8	9	20
F	Wholesale trade	10	7	8
G	Retail trade	9	10	12
H	Accommodation, cafes and restaurants	1	—	2
I	Transport and storage	23	27	28
J	Communication services	—	—	—
K	Finance and insurance	—	—	1
L	Property and business services	7	7	8
M	Government administration and defence	—	—	—
N	Education	7	7	3
O	Health and community services	1	1	1
P	Cultural and recreational services	2	3	3
Q	Personal and other services	1	1	1
Unclassified		31	31	30
<b>Total, all industries</b>		<b>4,884</b>	<b>4,719</b>	<b>4,663</b>

(a) Number of establishments having an EVAO of \$5,000 or more at the time of selection in the Agricultural Census.

(b) Cut flowers and flower seed growing was included with item 0111, Plant nurseries, for 1992.

TABLE 4. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY OF ESTABLISHMENT, HAVING EVAO \$22,500 AND OVER, AT 31 MARCH 1992 TO 1994

ANZSIC Code	Industry of Establishment Description	1992	1993	1994
0111	Plant nurseries	51	34	38
0112	Cut flower and flower seed growing	(a)	46	45
0113	Vegetable growing	521	580	591
0114	Grape growing	17	23	20
0115	Apple and pear growing	154	160	159
0116	Stone fruit growing	8	12	9
0117	Kiwi fruit growing	—	—	—
0119	Fruit growing n.e.c.	18	20	21
0121	Grain growing	14	19	9
0122	Grain-sheep/beef cattle farming	49	82	55
0123	Sheep-beef cattle farming	415	418	376
0124	Sheep farming	646	516	431
0125	Beef cattle farming	552	578	593
0130	Dairy cattle farming	745	767	783
0141	Poultry farming (meat)	12	13	12
0142	Poultry farming (eggs)	14	16	16
0151	Pig farming	43	51	46
0152	Horse farming	31	32	33
0153	Deer farming	9	11	39
0159	Livestock farming n.e.c.	14	21	27
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	43	42	43
	<i>Total (ANZSIC Code 01)</i>	<i>3,356</i>	<i>3,441</i>	<i>3,346</i>
02	Services to agriculture; hunting and trapping	2	3	5
03	Forestry and logging	7	9	7
04	Commercial fishing	2	3	5
	<i>Total (ANZSIC Division A)</i>	<i>3,367</i>	<i>3,456</i>	<i>3,363</i>
B	Mining	—	1	1
C	Manufacturing	4	4	5
D	Electricity, gas and water supply	—	—	—
E	Construction	5	6	10
F	Wholesale trade	10	7	8
G	Retail trade	5	8	9
H	Accommodation, cafes and restaurants	—	—	—
I	Transport and storage	11	14	12
J	Communication services	—	—	—
K	Finance and insurance	—	—	1
L	Property and business services	4	5	5
M	Government administration and defence	—	—	—
N	Education	2	2	2
O	Health and community services	—	—	—
P	Cultural and recreational services	—	2	1
Q	Personal and other services	1	1	1
	Unclassified	4	12	2
	<b>Total, all industries</b>	<b>3,413</b>	<b>3,518</b>	<b>3,420</b>

(a) Cut flowers and flower seed growing was included with item 0111, Plant nurseries, for 1992.

TABLE 5. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY OF ESTABLISHMENT, AND EVAO, AT 31 MARCH 1994

ANZSIC Code	Industry of establishments Description	Estimated value of agricultural operations (\$)											Total establishments
		Less than 5,000	5,000-14,999	15,000-22,499	22,500-39,999	40,000-49,999	50,000-74,999	75,000-99,999	100,000-149,999	150,000-199,999	200,000-499,999	500,000- or more	
0111	Plant nurseries	—	1	—	7	—	6	1	7	3	6	8	39
0112	Cut flower and flower seed growing	—	8	7	8	3	9	7	7	3	6	2	60
0113	Vegetable growing	3	13	16	43	19	54	62	101	73	178	61	623
0114	Grape growing	3	18	6	8	3	5	2	1	—	1	—	47
0115	Apple and pear growing	2	1	2	11	3	22	18	27	25	35	18	164
0116	Stone fruit growing	—	5	3	2	2	—	2	2	1	—	—	17
0117	Kiwi fruit growing	—	—	—	—	—	—	—	—	—	—	—	—
0119	Fruit growing n.e.c.	1	10	6	5	1	8	7	—	—	—	—	38
0121	Grain growing	1	2	2	4	—	2	—	1	—	1	1	14
0122	Grain-sheep/beef cattle farming	2	17	10	21	8	7	4	6	3	6	—	84
0123	Sheep-beef cattle farming	7	86	63	87	29	56	32	64	34	60	14	532
0124	Sheep farming	22	136	64	103	35	69	38	64	40	67	15	653
0125	Beef cattle farming	53	310	200	206	88	110	54	60	20	48	7	1,156
0130	Dairy cattle farming	6	6	10	39	25	72	101	173	145	206	22	805
0141	Poultry farming (meat)	—	—	—	—	—	2	1	3	2	1	3	12
0142	Poultry farming (eggs)	—	2	—	—	—	1	—	2	2	5	6	18
0151	Pig farming	2	3	3	12	2	6	3	4	6	8	5	54
0152	Horse farming	5	14	7	14	6	8	—	2	2	1	—	59
0153	Deer farming	—	—	1	1	2	3	4	6	3	12	8	40
0159	Livestock farming n.e.c.	1	7	7	7	1	5	3	3	1	3	4	42
0161	Sugar cane growing	—	—	—	—	—	—	—	—	—	—	—	—
0162	Cotton growing	—	—	—	—	—	—	—	—	—	—	—	—
0169	Crop and plant growing n.e.c.	—	7	2	7	5	4	4	9	1	7	6	52
	<b>Total (ANZSIC Code 01)</b>	108	646	409	585	232	449	343	542	364	651	180	4,509
02	Services to agriculture: hunting and trapping	2	3	1	5	—	—	—	—	—	—	—	11
03	Forestry and logging	—	3	2	—	1	1	2	1	—	2	—	12
04	Commercial fishing	—	1	—	2	—	—	—	1	—	2	—	6
	<b>Total (ANZSIC Division A)</b>	110	653	412	592	233	450	345	544	364	655	180	4,538

TABLE 5. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY OF ESTABLISHMENT, AND EVAO, AT 31 MARCH 1994 - continued

Industry of establishments		Estimated value of agricultural operations (\$)														Total establishments
ANZSIC Code	Description	Less than 5,000	5,000-14,999	15,000-22,499	22,500-39,999	40,000-49,999	50,000-74,999	75,000-99,999	100,000-149,999	150,000-199,999	200,000-499,999	500,000- or more				
B	Mining	—	—	1	—	—	1	—	—	—	—	—	—	—	2	
C	Manufacturing	—	1	—	3	—	—	1	—	1	—	—	—	—	6	
D	Electricity, gas and water supply	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
E	Construction	2	4	3	3	1	2	1	2	—	1	—	—	—	20	
F	Wholesale Trade	—	—	—	2	—	2	—	2	—	1	1	—	—	8	
G	Retail trade	1	1	1	3	1	1	—	3	—	1	—	—	—	12	
H	Accommodation, cafes and restaurants	1	1	—	—	—	—	—	—	—	—	—	—	—	2	
I	Transport and storage	1	10	5	4	3	2	—	1	1	1	—	—	—	28	
J	Communication services	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
K	Finance and insurance	—	—	—	1	—	—	—	—	—	—	—	—	—	1	
L	Property and business services	—	3	—	1	—	—	—	2	—	2	—	—	—	8	
M	Government administration and defence	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
N	Education	1	—	—	—	—	1	—	1	—	—	—	—	—	3	
O	Health and community services	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
P	Cultural and recreational services	1	—	1	—	—	—	—	—	—	—	—	—	—	3	
Q	Personal and other services	—	—	—	—	—	—	—	—	—	—	1	—	—	1	
	Unclassified	28	—	—	—	1	—	—	—	—	—	1	—	—	30	
<b>Total, all industries</b>		<b>145</b>	<b>673</b>	<b>425</b>	<b>609</b>	<b>240</b>	<b>459</b>	<b>347</b>	<b>555</b>	<b>366</b>	<b>661</b>	<b>183</b>			<b>4,663</b>	



TABLE 6. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY OF ESTABLISHMENTS, AND AREA OF ESTABLISHMENT, AT 31 MARCH 1994

ANZSIC Code	Industry of establishments Description	Area of establishments (hectares)											Total establishments			
		0-49	50-99	100-499	500-999	1,000-2,499	2,500-4,999	5,000-9,999	10,000-24,999	25,000-49,999	50,000-99,999	100,000-199,999		200,000-499,999	500,000- or more	
0111	Plant nurseries	23	6	8	1	1	—	—	—	—	—	—	—	—	—	39
0112	Cut flower and flower seed growing	49	5	4	2	—	—	—	—	—	—	—	—	—	—	60
0113	Vegetable growing	131	168	276	32	14	—	—	—	—	—	—	—	—	—	623
0114	Grape growing	37	5	4	—	1	—	—	—	—	—	—	—	—	—	47
0115	Apple and pear growing	79	38	45	2	—	—	—	—	—	—	—	—	—	—	164
0116	Stone fruit growing	10	4	3	—	—	—	—	—	—	—	—	—	—	—	17
0117	Kiwi fruit growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0119	Fruit growing n.e.c.	28	1	9	—	—	—	—	—	—	—	—	—	—	—	38
0121	Grain growing	3	2	8	—	1	—	—	—	—	—	—	—	—	—	14
0122	Grain-sheep/beef cattle farming	11	12	38	9	10	2	2	—	—	—	—	—	—	—	84
0123	Sheep-beef cattle farming	47	67	209	65	77	43	20	3	1	—	—	—	—	—	532
0124	Sheep farming	33	79	262	110	113	40	11	5	—	—	—	—	—	—	653
0125	Beef cattle farming	256	301	473	72	39	11	3	1	—	—	—	—	—	—	1,156
0130	Dairy cattle farming	85	175	504	30	10	—	—	—	—	—	—	—	—	—	805
0141	Poultry farming (meat)	5	2	3	2	—	—	—	—	—	—	—	—	—	—	12
0142	Poultry farming (eggs)	9	5	4	—	—	—	—	—	—	—	—	—	—	—	18
0151	Pig farming	25	15	11	2	1	—	—	—	—	—	—	—	—	—	54
0152	Horse farming	31	17	9	1	1	—	—	—	—	—	—	—	—	—	59
0153	Deer farming	8	10	13	5	1	2	1	—	—	—	—	—	—	—	40
0159	Livestock farming n.e.c.	34	3	3	1	1	—	—	—	—	—	—	—	—	—	42
0161	Sugar cane growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0162	Cotton growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0169	Crop and plant growing n.e.c.	14	14	20	3	1	—	—	—	—	—	—	—	—	—	52
	<b>Total (ANZSIC Code 01)</b>	<b>918</b>	<b>929</b>	<b>1,906</b>	<b>337</b>	<b>271</b>	<b>98</b>	<b>40</b>	<b>9</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>4,509</b>
02	Services to agriculture; hunting and trapping	6	2	3	—	—	—	—	—	—	—	—	—	—	—	11
03	Forestry and logging	2	3	6	—	—	1	—	—	—	—	—	—	—	—	12
04	Commercial fishing	—	—	3	—	3	—	—	—	—	—	—	—	—	—	6
	<b>Total (ANZSIC Division A)</b>	<b>926</b>	<b>934</b>	<b>1,918</b>	<b>337</b>	<b>274</b>	<b>99</b>	<b>40</b>	<b>9</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>4,538</b>

TABLE 6. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY OF ESTABLISHMENT, AND AREA OF ESTABLISHMENTS, AT 31 MARCH 1994 - continued

ANZSIC Code	Industry of establishments	Area of establishments (hectares)											Total	establishments		
		0-49	50-99	100-499	500-999	1,000-2,499	2,500-4,999	5,000-9,999	10,000-24,999	25,000-49,999	50,000-99,999	100,000-199,999			200,000-499,999	500,000- or more
B	Mining	1	—	1	—	—	—	—	—	—	—	—	—	—	—	2
C	Manufacturing	4	2	—	—	—	—	—	—	—	—	—	—	—	—	6
D	Electricity, gas and water supply	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
E	Construction	5	4	9	2	—	—	—	—	—	—	—	—	—	—	20
F	Wholesale trade	6	1	1	—	—	—	—	—	—	—	—	—	—	—	8
G	Retail trade	10	—	1	—	—	—	—	—	—	—	—	—	—	—	12
H	Accommodation, cafes and restaurants	1	—	—	1	—	—	—	—	—	—	—	—	—	—	2
I	Transport and storage	9	6	12	1	—	—	—	—	—	—	—	—	—	—	28
J	Communication services	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
K	Finance and insurance	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1
L	Property and business services	3	1	3	1	—	—	—	—	—	—	—	—	—	—	8
M	Government administration and defence	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
N	Education	—	2	1	—	—	—	—	—	—	—	—	—	—	—	3
O	Health and community services	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
P	Cultural and recreational services	1	1	1	—	—	—	—	—	—	—	—	—	—	—	3
Q	Personal and other services	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1
	Unclassified	17	5	7	1	—	—	—	—	—	—	—	—	—	—	30
<b>Total, all industries</b>		<b>984</b>	<b>956</b>	<b>1,955</b>	<b>344</b>	<b>274</b>	<b>100</b>	<b>40</b>	<b>9</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>4,663</b>

TABLE 7. NUMBER OF ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER (a), CHANGING FROM OR REMAINING IN THE SAME INDUSTRY CLASSIFICATION, 31 MARCH 1993 TO 1994

1993 ANZSIC Code	Industry of establishments Description	1994 ANZSIC Code														
		0111	0112	0113	0114	0115	0116	0117	0119	0121	0122	0123	0124	0125	0130	0141
0111	Plant nurseries	34	5	—	—	1	—	—	—	—	—	—	—	—	—	—
0112	Cut flower and flower seed growing	3	48	—	—	—	—	—	2	1	—	—	—	—	—	—
0113	Vegetable growing	1	1	543	1	—	—	—	—	2	2	12	33	15	—	—
0114	Grape growing	—	—	—	44	—	—	—	—	—	—	—	—	—	—	—
0115	Apple and pear growing	1	—	—	—	160	—	—	2	—	—	1	4	1	—	—
0116	Stone fruit growing	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—
0117	Kiwi fruit growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0119	Fruit growing n.e.c.	—	—	—	—	—	—	—	28	—	—	—	—	—	—	—
0121	Grain growing	—	—	4	—	—	—	—	—	—	—	—	—	—	—	—
0122	Grain-sheep/beef cattle farming	—	—	4	—	—	—	—	—	5	2	2	2	—	—	—
0123	Sheep-beef cattle farming	—	—	5	—	—	—	—	—	2	47	35	4	—	—	—
0124	Sheep farming	—	—	19	—	—	—	—	—	—	6	49	60	4	—	—
0125	Beef cattle farming	—	—	27	—	—	—	—	—	2	24	533	15	2	—	—
0130	Dairy cattle farming	—	—	9	—	—	—	—	—	2	28	6	975	26	—	—
0141	Poultry farming (meat)	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
0142	Poultry farming (eggs)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0151	Pig farming	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—
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.	—	—	8	—	—	—	—	—	—	—	—	—	—	—	—
	Total (ANZSIC Code 01)	39	60	623	47	164	17	0	38	14	84	653	1,156	805	12	—
02	Services to agriculture, hunting and trapping	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
03	Forestry and logging	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
04	Commercial fishing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Total (ANZSIC Division A)	39	60	623	47	164	17	0	38	14	84	653	1,156	805	12	—
	Other industries Unclassified	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	<b>Total, all</b>	<b>39</b>	<b>60</b>	<b>623</b>	<b>47</b>	<b>164</b>	<b>17</b>	<b>—</b>	<b>38</b>	<b>14</b>	<b>84</b>	<b>653</b>	<b>1,156</b>	<b>805</b>	<b>12</b>	<b>—</b>



## B. LAND MANAGEMENT AND FARM INPUTS

**TABLE 8. LAND USE AT 31 MARCH 1992 TO 1994  
(HECTARES)**

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
Area of crops (b)	19,354	37,951	20,410	75,909	72,851	77,715
Area of sown pastures and grasses	268,762	407,596	185,452	829,843	832,782	861,810
Total area of establishments with agricultural activity	756,155	884,236	328,368	1,844,854	1,844,660	1,968,758
Area of non-agricultural land (c)	1,723,540	1,189,163	1,967,599	5,004,207	5,004,401	4,880,303
Total area (agricultural and non-agricultural)	2,479,695	2,073,399	2,295,967	6,849,061	6,849,061	6,849,061

(a) See Explanatory Notes, paragraph 3. (b) Excludes pastures and grasses harvested for hay and seed which have been included in 'Sown pastures and grasses'. (c) Comprises conserved land, forestry, urban and unused land such as vacant Crown land, commercially unused land on Aboriginal and other Crown reserves and waste land, ephemeral lakes, mangrove swamps, etc. NOTE: Agricultural land is generally divided into cropped land, land sown to pastures and grasses and a broad balance comprising grazing land, land lying idle or under fallow, etc. While agricultural land use presently occupies about 61 per cent of Australia many other uses have also developed, some of which are listed in Footnote (c) above.

**TABLE 9. FERTILISER AND SOIL CONDITIONERS USED, AREA AND QUANTITY,  
YEARS ENDED 31 MARCH 1992 TO 1994**

	Unit	1994			Tasmania		
		Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
Area fertilised	'000 ha	61.5	180.8	136.3	344.5	344.5	378.6
Quantity used	'000 t	13.9	41.9	54.6	105.8	95.2	110.4
Application rate	t/ha	0.2	0.2	0.4	0.3	0.3	0.3
Area soil conditioners applied on	'000 ha	4.4	15.8	23.2	29.1	43.6	43.5
Quantity used	'000 t	7.7	24.1	60.2	n.c.	79.1	92.0
Application rate	t/ha	1.8	1.5	2.6	n.c.	1.8	2.1

(a) See Explanatory Notes, paragraph 3.

**TABLE 10. AREA OF CROPS AND PASTURES IRRIGATED, YEARS ENDED 31 MARCH 1992 TO 1994  
('000 HECTARES)**

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
Pastures	12.9	12.5	7.7	20.2	31.4	33.0
Cereals	0.8	1.3	0.2	2.2	2.7	2.3
Vegetables for human consumption	0.5	6.2	9.7	13.8	12.9	16.5
All fruits	2.0	0.4	0.5	2.5	2.6	2.9
All other crops	2.5	1.9	2.0	7.1	5.9	6.4
<b>Total</b>	<b>18.7</b>	<b>22.3</b>	<b>20.1</b>	<b>45.8</b>	<b>55.5</b>	<b>61.1</b>

(a) See Explanatory Notes, paragraph 3.

**TABLE 11. AREA IRRIGATED BY SOURCES OF WATER, YEAR ENDED 31 MARCH 1994  
(HECTARES)**

	Greater Hobart and Southern	Northern	Mersey - Lyell	Tasmania
Channel supply within State scheme	1,185.4	1,820.0	293.0	3,298.4
Pipe supply within State scheme	869.3	1,228.6	253.0	2,350.9
Uncontrolled river	8,700.7	6,947.3	2,295.3	17,943.3
Self-supplied farm dam	6,149.8	10,714.4	16,119.8	32,984.0
Underground water				
- Within state scheme	491.5	446.2	712.1	1,649.8
- Other	1,273.6	1,098.5	345.1	2,717.2
Town or country reticulated	49.8	54.2	45.7	149.7
<b>Irrigated land - Total</b>	<b>18,720.1</b>	<b>22,309.2</b>	<b>20,064.0</b>	<b>61,093.3</b>

TABLE 12. FLOOD IRRIGATION, YEAR ENDED 31 MARCH 1994

	<i>Unit</i>	<i>Greater Hobart and Southern</i>	<i>Northern</i>	<i>Mersey - Lyell</i>	<i>Tasmania</i>
Area flood irrigated	ha	4,587	1,222	131	5,940
Area laser levelled	ha		211	—	211
Percentage of farmers reusing irrigated water	%	2.3	1.0	0.6	1.2
Percentage of farmers planning to introduce a water reusing system	%	0.8	0.2	0.3	0.4

TABLE 13. TILLAGE METHODS, YEAR ENDED 31 MARCH 1994

	<i>Unit</i>	<i>Greater Hobart and Southern</i>	<i>Northern</i>	<i>Mersey - Lyell</i>	<i>Tasmania</i>
Conventional tillage (a)	ha	21,258	38,084	17,191	76,534
Minimum/reduced Tillage (b)	ha	2,266	5,647	3,164	11,077
No tillage (c)	ha	5,657	9,690	10,231	25,579

(a) Using only disc, line or ploughs for fallow weed control or seed bed preparation. (b) Limited cultivation with some use of herbicides for fallow weed control. (c) Weed control by herbicide and direct drill or tillage seeding.

TABLE 14. ORGANIC FARMING, YEAR ENDED 31 MARCH 1994

	<i>Greater Hobart and Southern</i>	<i>Northern</i>	<i>Mersey - Lyell</i>	<i>Tasmania</i>
Farmers who believed there was enough information on organic farming	166	290	302	758
Certified producers (a)	9	12	5	26
Farmers seeking certification (b)	10	16	8	34

(a) Producers certified by an approved certifying organisation. (b) Farmers seeking certification as an organic producer by an approved certifying organisation.

TABLE 15. RIVER/CREEK FRONTAGE, AT 31 MARCH 1994

	<i>Unit</i>	<i>Greater Hobart and Southern</i>	<i>Northern</i>	<i>Mersey - Lyell</i>	<i>Tasmania</i>
River/creek frontage	kms	2,148	3,546	1,084	6,778
Protected river/creek frontage (a)	kms	385	679	368	1,431

(a) Frontage protected from grazing animals

TABLE 16. AREA OF NATIVE VEGETATION, AT 31 MARCH 1994  
(*'000 HECTARES*)

	<i>Greater Hobart and Southern</i>	<i>Northern</i>	<i>Mersey - Lyell</i>	<i>Tasmania</i>
Native vegetation	39.1	52.8	24.9	116.7

## C. CROPS AND PASTURES

TABLE 17. PRODUCTION, AREA AND YIELD OF PRINCIPAL CROPS AND PASTURES, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994

Unit	1994			Tasmania				
	Greater Hobart and Southern	Northern	Mersey-Lyell	1992 (a)	1993 (a)	1994 (a)	1994	
<b>Cereals for grain -</b>								
<b>Barley</b>								
Production	t	8,595.8	28,743.8	3,415.7	31,792.6	35,285.1	40,055.0	40,755.3
Area	ha	4,167.6	10,331.7	704.8	11,343.7	12,299.7	14,770.0	15,204.1
Yield	t/ha	2.1	2.8	4.8	2.8	2.9	2.7	2.7
<b>Oats</b>								
Production	t	2,740.8	9,474.5	528.9	18,576.4	18,975.3	12,211.0	12,744.2
Area	ha	1,708.3	4,814.9	127.7	9,146.3	9,223.2	6,371.0	6,650.9
Yield	t/ha	1.6	2.0	4.1	2.0	2.1	1.9	1.9
<b>Triticale</b>								
Production	t	343.3	4,655.7	623.1	3,387.3	2,558.0	5,498.0	5,622.1
Area	ha	126.4	1,337.9	108.5	1,020.1	843.4	1,537.0	1,572.8
Yield	t/ha	2.7	3.5	5.7	3.3	3.0	3.6	3.6
<b>Wheat</b>								
Production	t	886.8	3,595.7	838.8	3,248.8	5,467.8	5,226.0	5,321.3
Area	ha	574.0	882.9	144.8	1,166.5	1,453.9	1,540.0	1,601.7
Yield	t/ha	1.5	4.1	5.8	2.8	3.8	3.4	3.3
<b>Legumes -</b>								
<b>Lupins for grain</b>								
Production	t	17.0	807.0	126.5	1,126.1	761.0	946.0	950.5
Area	ha	38.4	597.2	28.3	726.5	436.1	656.0	663.9
Yield	t/ha	0.4	1.4	4.5	1.6	1.7	1.4	1.4
<b>Field peas (excl. blue) for grain</b>								
Production	t	315.8	471.7	187.8	665.8	757.6	961.0	975.3
Area	ha	157.0	145.2	56.0	253.4	264.0	352.0	358.2
Yield	t/ha	2.0	3.2	3.4	2.6	2.9	2.7	2.7
<b>Crops for hay -</b>								
<b>Cereal crops for hay</b>								
Production	t	1,661.5	4,339.9	3,921.0	8,881.0	9,847.5	9,005.0	9,922.4
Area	ha	386.7	936.0	653.3	2,216.8	1,961.9	1,764.0	1,976.0
Yield	t/ha	4.3	4.6	6.0	4.0	5.0	5.1	5.0
<b>Non cereal crops for hay</b>								
Production	t	132.4	279.4	1,178.3	774.0	616.0	1,205.0	1,590.1
Area	ha	21.0	87.5	238.0	243.2	85.0	260.0	346.5
Yield	t/ha	6.3	3.2	5.0	3.2	7.2	4.6	4.6
<b>Lucerne -</b>								
<b>Lucerne cut for hay</b>								
Production	t	3,394.7	4,063.0	505.5	8,218.6	10,116.0	7,383.0	7,963.2
Area	ha	738.9	870.6	112.1	1,752.6	1,949.9	1,584.0	1,721.6
Yield	t/ha	4.6	4.7	4.5	4.7	5.2	4.7	4.6
<b>Pastures excluding pure lucerne for hay</b>								
Production	t	20,100.2	100,404.5	100,804.3	212,725.0	289,868.4	202,966.0	221,309.0
Area	ha	5,139.2	23,424.8	20,115.7	49,687.5	58,831.9	43,879.0	48,679.7
Yield	t/ha	3.9	4.3	5.0	4.3	4.9	4.6	4.5
<b>Oilseeds -</b>								
<b>Canola</b>								
Production	t	168.8	24.8	—	54.6	129.1	188.0	193.6
Area	ha	132.2	17.7	—	59.0	93.2	146.0	149.9
Yield	t/ha	1.3	1.4	—	0.9	1.4	1.3	1.3
<b>Other crops -</b>								
<b>Oil poppies</b>								
Production	ha	1,596.4	1,977.2	2,279.8	7,583.6	5,297.7	5,797.0	5,853.4
<b>Hops</b>								
Production	t	783.6	833.1	488.3	2,117.8	2,313.6	2,105.0	2,105.0
Area	ha	315.5	322.0	162.5	799.4	816.4	800.0	800.0
Yield	t/ha	2.5	2.6	3.0	2.6	2.8	2.6	2.6
<b>Pyrethrum</b>								
Production	t	224.3	45.2	752.5	n.c.	1,026.6	1,022.0	1,022.0
Area	ha	193.0	36.0	887.5	n.c.	1,006.3	1,116.0	1,116.5
Yield	t/ha	1.2	1.3	0.8	n.c.	1.0	0.9	0.9

(a) Figures have been collected on the basis of EVAO \$22,500 and over. See Explanatory Notes, paragraph 4.

TABLE 18. PRODUCTION AND AREA OF PASTURES AND GRASSES, YEARS ENDED 31 MARCH 1992 TO 1994

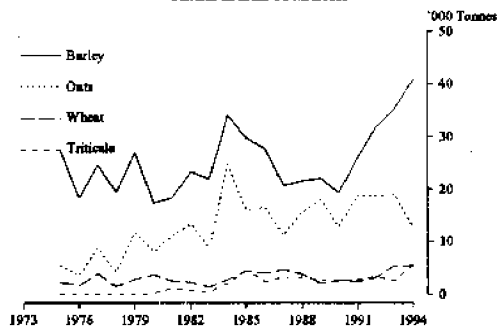
Unit	1994			Tasmania			
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994	
<b>Cut for hay -</b>							
<b>Lucerne</b>							
Production	t	3,394.7	4,063.0	505.5	8,218.6	10,116.0	7,963.2
Area	ha	738.9	870.6	112.1	1,752.6	1,949.9	1,721.6
Yield	t/ha	4.6	4.7	4.5	4.7	5.2	4.6
<b>Other</b>							
Production	t	20,100.2	100,404.5	100,804.3	212,725.0	289,868.4	221,309.0
Area	ha	5,139.2	23,424.8	20,115.7	49,687.5	58,831.9	48,679.7
Yield	t/ha	3.9	4.3	5.0	4.3	4.9	4.5
<b>Total</b>							
Production	t	23,494.9	104,467.5	101,309.8	220,943.6	299,984.4	229,272.2
Area	ha	5,878.1	24,295.4	20,227.8	51,440.1	60,781.8	50,401.3
Yield	t/ha	4.0	4.3	5.0	4.3	4.9	4.5
<b>Harvested for seed -</b>							
Production	t	13.6	991.2	27.3	57.0	1,047.6	1,032.2
Area	ha	60.8	1,282.1	58.1	1,205.1	1,723.4	1,401.0
Yield	t/ha	0.2	0.8	0.5	0.0	0.6	0.7
Cut for green feed or silage	ha	1,060.0	7,790.1	10,679.8	11,840.5	17,813.4	19,529.9
Silage made (b)	t	11,490.0	76,685.4	82,634.1	120,081.4	191,763.4	170,809.5

(a) See Explanatory Notes, paragraph 3. (b) Includes silage made from crops and pastures

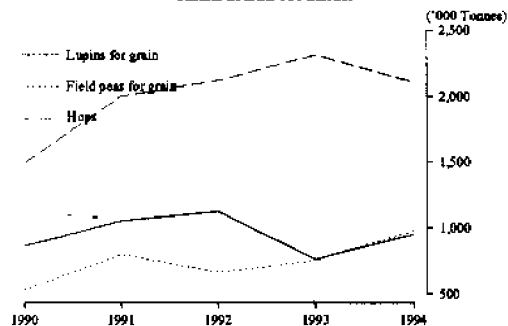
TABLE 19. GROSS VALUE OF PRINCIPAL CROPS AND PASTURES, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994 (\$ '000)

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992	1993	1994
<b>Cereals -</b>						
Barley	1,283.7	4,292.6	510.1	5,381.6	5,697.2	6,086.5
Oats	329.8	1,140.1	63.6	2,599.5	2,541.8	1,533.5
Triticale	46.6	631.9	84.6	522.1	400.3	763.1
Wheat	142.2	576.8	134.5	574.5	900.0	853.5
<b>Legumes -</b>						
Lupins	4.0	188.5	29.6	282.4	182.5	222.1
Field peas	62.2	92.8	37.0	351.8	312.5	192.1
<b>Crops for hay -</b>						
Cereals	126.0	329.1	297.3	821.6	792.8	752.4
<b>Oilseeds -</b>						
Canola	60.8	8.9	—	21.1	46.1	69.7
<b>Lucerne -</b>						
Cut for hay	611.4	731.7	91.0	2,202.2	1,820.9	1,434.2

SELECTED COARSE GRAINS, PRODUCTION TASMANIA YEARS ENDED 31 MARCH



SELECTED OTHER CROPS, PRODUCTION TASMANIA YEARS ENDED 31 MARCH





## D. HORTICULTURE

TABLE 20. PRODUCTION, NUMBER OF TREES (a) AND YIELD OF SELECTED FRUITS, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994

	Unit	1994			Tasmania			
		Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (b)	1993 (b)	1994 (b)	1994
<b>Pome -</b>								
<b>Apples</b>								
Production	kg	45,372,691	3,944,954	5,636,057	50,438,865	56,212,661	54,868,168	54,953,702
Number	n	776,430	103,252	83,582	916,998	933,287	959,419	963,264
Yield	kg/n	58.4	38.2	67.4	55.0	60.2	57.2	57.0
<b>Pears (incl. nashi)</b>								
Production	kg	521,117	210,925	109,404	811,767	806,344	840,726	841,446
Number	n	11,607	4,552	3,583	19,783	21,254	19,638	19,742
Yield	kg/n	44.9	46.3	30.3	41.0	37.9	42.8	42.6
<b>Stone -</b>								
<b>Apricots</b>								
Production	kg	228,697	7	—	97,948	120,343	196,598	228,704
Number	n	30,055	542	70	13,247	22,745	26,589	30,667
Yield	kg/n	7.6	—	—	7.4	5.3	7.4	7.5
<b>Cherries</b>								
Production	kg	39,083	10,800	4,016	69,413	105,534	49,282	53,899
Number	n	14,546	1,120	320	9,152	15,859	12,530	15,986
Yield	kg/n	2.7	9.6	12.6	7.6	6.7	3.9	3.4
<b>Nectarines</b>								
Production	kg	92,374	14,100	3,700	40,973	106,295	109,830	110,174
Number	n	4,934	2,890	88	3,258	3,367	7,692	7,912
Yield	kg/n	18.7	4.9	42.0	12.6	31.6	14.3	13.9

(a) Numbers of trees of 6 years and over only. (b) Figures have been collected on the basis of EVAO \$22,500 and over. See Explanatory Notes, paragraph 4

TABLE 21. PRODUCTION, AREA AND YIELD OF BERRY FRUIT, YEARS ENDED 31 MARCH 1992 TO 1994

	Unit	1994			Tasmania		
		Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
<b>Currants (black)</b>							
Production	t	390.2	110.2	47.0	458.8	469.6	547.4
Area	ha	109.1	16.5	44.0	124.8	120.0	169.6
Yield	t/ha	3.6	6.7	1.1	3.7	3.9	3.2
<b>Blueberries</b>							
Production	t	14.7	27.1	2.5	149.8	28.4	44.3
Area	ha	4.1	15.6	1.9	48.7	13.1	21.6
Yield	t/ha	3.6	1.7	1.3	3.1	2.2	2.1
<b>Gooseberries</b>							
Production	t	0.5	—	—	—	0.8	0.5
Area	ha	0.3	—	—	—	1.2	0.3
Yield	t/ha	1.6	—	—	—	0.7	1.7
<b>Loganberries</b>							
Production	t	2.6	0.9	—	4.1	1.0	3.5
Area	ha	0.6	0.2	—	0.9	0.5	0.8
Yield	t/ha	4.3	4.5	—	4.6	2.0	4.4
<b>Raspberries</b>							
Production	t	78.6	57.0	11.1	149.8	134.5	146.7
Area	ha	36.4	18.6	7.4	48.7	50.6	62.4
Yield	t/ha	2.2	3.1	1.5	3.1	2.7	2.4
<b>Strawberries</b>							
Production	t	41.8	21.8	21.9	65.2	73.4	85.4
Area	ha	11.3	11.3	5.6	17.9	20.4	28.2
Yield	t/ha	3.7	1.9	3.9	3.6	3.6	3.0
<b>Berry and small fruit n.e.c.</b>							
Production	t	5.1	2.0	—	1.1	1.5	7.1
Area	ha	6.8	0.5	—	0.5	1.8	7.3
Yield	t/ha	0.8	4.0	—	2.2	0.8	1.0

(a) See Explanatory Notes, paragraph 3.

TABLE 22. AREA OF VINES, PRODUCTION OF GRAPES (a) AND YIELD, YEARS ENDED 31 MARCH 1992 TO 1994

	Area of vines at harvest			Total	Grape production			Total	Yield
	Bearing	Not yet bearing Planted or grafted			Wine - making	Drying	Table and other		
		Prior to collection year	During collection year						
(hectares)			tonnes (fresh weight)			t/ha			
Hobart and Southern	82.2	24.3	16.5	123.0	399.4	n.a.	n.a.	399.4	3.2
Northern	170.0	45.3	12.4	227.7	720.1	n.a.	n.a.	720.1	3.2
Mersey-Lyell	7.8	2.7	0.3	10.8	5.1	n.a.	n.a.	5.1	0.5
Tasmania 1992 (b)	149.4	49.4	17.7	216.5	628.8	n.a.	n.a.	628.8	2.9
Tasmania 1993 (b)	176.9	83.7	28.2	288.8	1,087.2	n.a.	n.a.	1,087.2	3.8
Tasmania 1994	260.0	72.3	29.2	361.5	1,124.6	n.a.	n.a.	1,124.6	3.1

(a) Variety information is available in 'Viticulture, Australia', Catalogue No 7310.0. The 1992-93 issue was published on 7 January 1994. (b) See Explanatory Notes, paragraph 3.

TABLE 23. GROSS VALUE OF POME AND STONE FRUIT, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994 (\$ '000)

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992	1993	1994
<b>Pome -</b>						
Apples	27,450.5	2,386.7	3,409.8	37,593.7	41,226.9	33,237.3
Pears (incl. Nashi)	434.6	175.9	91.2	717.3	599.2	701.7
<b>Stone -</b>						
Apricots	439.1	-	-	327.8	250.2	439.1
Cherries	178.2	49.2	18.3	789.2	537.8	245.8
Nectarines	171.8	26.2	6.9	121.9	213.1	204.9

TABLE 24. PRODUCTION, AREA AND YIELD OF VEGETABLES FOR HUMAN CONSUMPTION, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994

	Unit	1994			Tasmania			
		Greater Hobart and Southern	Northern	Mersey- Lyell	1992(a)	1993(a)	1994(a)	1994
<b>Beans (French and runner)</b>								
Production	t	0.2	1,208.7	6,488.9	n.a.	8,932.2	7,656.7	7,697.8
Area	ha	0.1	236.9	1,087.0	n.a.	1,168.2	1,315.0	1,324.0
Yield	t/ha	2.0	5.1	6.0	n.a.	7.6	5.8	5.8
<b>Broccoli</b>								
Production	t	93.1	53.0	2,118.1	1,293.0	1,708.0	2,264.2	2,264.2
Area	ha	27.5	7.3	286.1	202.4	237.1	321.0	320.9
Yield	t/ha	3.4	7.3	7.4	6.4	7.2	7.1	7.1
<b>Brussels sprouts</b>								
Production	t	1.7	0.5	950.4	1,168.8	1,204.3	952.6	952.6
Area	ha	0.2	0.5	65.7	67.9	75.8	66.0	66.4
Yield	t/ha	8.5	1.0	14.5	17.2	15.9	14.4	14.3
<b>Cabbages</b>								
Production	t	762.8	171.0	1,842.6	2,739.7	4,441.9	2,776.0	2,776.4
Area	ha	35.2	5.0	49.7	88.8	114.8	90.0	89.9
Yield	t/ha	21.7	34.2	37.1	30.9	38.7	30.8	30.9
<b>Carrots</b>								
Production	t	60.2	5,002.7	14,359.1	17,993.4	19,200.4	19,421.0	19,422.0
Area	ha	3.8	82.0	271.2	400.1	424.5	356.0	357.0
Yield	t/ha	15.8	61.0	52.9	45.0	45.2	54.6	54.4
<b>Cauliflowers</b>								
Production	t	573.7	392.3	3,593.9	5,979.6	5,692.8	4,560.0	4,559.9
Area	ha	28.9	16.1	231.7	339.6	354.8	277.0	276.7
Yield	t/ha	19.9	24.4	15.5	17.6	16.0	16.5	16.5
<b>Lettuces</b>								
Production	t	1,107.6	41.5	187.1	1,110.3	1,145.4	1,336.0	1,336.2
Area	ha	53.9	4.8	34.8	79.3	73.5	93.0	93.5
Yield	t/ha	20.5	8.6	5.4	14.0	15.6	14.4	14.3
<b>Onions (white and brown)</b>								
Production	t	14.3	10,192.4	60,502.4	78,267.1	59,305.0	70,709.1	70,709.1
Area	ha	1.1	188.6	1,060.5	1,506.7	1,177.3	1,250.2	1,250.2
Yield	t/ha	13.0	54.0	57.1	51.9	50.4	56.6	56.6
<b>Potatoes (b)</b>								
Production	t	6,949.1	88,936.3	195,537.3	249,769.0	269,901.6	291,120.0	291,422.7
Area	ha	250.1	2,246.9	4,365.8	5,966.5	6,115.8	6,841.0	6,862.8
Yield	t/ha	27.8	39.6	44.8	41.9	44.1	42.6	42.5
<b>Green peas (for processing)</b>								
Production	t	1,014.5	19,824.2	14,215.3	27,829.3	27,715.3	34,897.5	35,053.9
Area	ha	197.7	4,198.3	2,858.0	5,342.2	5,954.7	7,219.0	7,254.0
Yield	t/ha	5.1	4.7	5.0	5.2	4.7	4.8	4.8
<b>Pumpkins</b>								
Production	t	17.2	214.5	2,174.0	2,436.1	2,430.3	2,376.0	2,405.7
Area	ha	11.7	18.0	130.2	136.2	116.8	158.0	159.9
Yield	t/ha	1.5	11.9	16.7	17.9	20.8	15.0	15.0
<b>Sweet corn</b>								
Production	t	66.8	1,262.5	3,916.5	4,484.4	5,188.1	5,246.0	5,245.8
Area	ha	5.5	92.9	256.3	296.1	313.9	350.0	354.7
Yield	t/ha	12.1	13.6	15.3	15.1	16.5	15.0	14.8
<b>Tomatoes</b>								
Production	t	444.1	163.4	255.9	728.4	666.4	858.0	863.4
Area	ha	6.2	3.2	12.6	12.6	15.3	20.0	22.0
Yield	t/ha	71.6	51.1	20.3	57.8	43.6	42.9	39.2
<b>Swedes</b>								
Production	t	175.8	186.9	2,132.0	2,442.3	3,027.0	2,393.0	2,494.7
Area	ha	15.9	22.8	122.2	167.3	197.3	149.0	160.9
Yield	t/ha	11.1	8.2	17.4	14.6	15.3	16.1	15.5
<b>Other vegetables</b>								
	ha	33.0	199.0	365.4	182.7	541.2	590.8	597.4
<b>Total vegetables for human consumption</b>								
	ha	671.3	7,322.3	11,198.6	16,296.3	16,884.7	19,098.0	19,192.2

(a) Figures have been collected on the basis of EVAO \$22,500 and over. See Explanatory Notes, paragraph 4. (b) Includes potatoes for seed, 1992

TABLE 25. GROSS VALUE OF PRODUCTION OF VEGETABLES FOR HUMAN CONSUMPTION, ESTABLISHMENTS HAVING  
EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994  
(\$ '000)

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992	1993	1994
Asparagus	4.6	41.8	46.9	17.2	18.4	93.3
Beans, french and runner	---	374.4	1,974.3	3,276.3	3,165.3	2,639.6
Beetroot	294.0	---	---	n.e.	0.5	294.0
Broccoli	81.4	46.3	1,850.8	1,218.9	1,288.2	1,978.4
Brussels sprouts	1.2	0.3	653.6	764.0	811.3	655.1
Cabbages	204.7	45.9	494.5	977.2	1,563.6	745.2
Carrots	10.6	881.9	2,531.2	4,322.9	4,068.7	3,423.7
Cauliflower	811.2	294.9	1,705.3	3,046.0	2,812.6	3,768.2
Celery	0.7	0.4	376.7	296.5	483.1	377.8
Cucumbers	20.2	6.7	101.0	49.5	98.5	127.9
Lettuce	1,343.4	50.3	226.9	978.3	1,311.0	1,620.6
Onions, white and brown	3.9	2,769.7	16,440.9	22,703.0	18,194.2	19,214.6
Parsnips	---	92.2	380.6	481.1	464.5	472.7
Potatoes (a)	1,441.9	18,453.4	40,572.0	54,408.2	54,582.9	60,467.1
Green peas -						
Processing	304.3	5,946.7	4,264.2	9,117.8	8,629.5	10,515.2
Sold in pod	8.8	11.5	43.9	41.5	36.5	64.2
Pumpkins	5.4	66.8	677.1	629.4	567.7	749.3
Sweet corn	11.3	213.9	663.4	737.3	837.5	888.6
Tomatoes	647.3	201.8	150.5	1,687.4	1,431.9	999.5
Swedes	69.9	74.1	847.3	999.8	805.5	991.4

(a) Includes potatoes for seed, 1992.

## E. LIVESTOCK AND LIVESTOCK PRODUCTS

TABLE 26. LIVESTOCK PRODUCTS, YEARS ENDED 30 JUNE 1992 TO 1994

	Unit	1992	1993	1994
<b>Livestock slaughterings (a) -</b>				
Cattle	'000	198.3	189.4	187.0
Calves	'000	32.3	32.7	23.2
Sheep	'000	446.7	473.4	526.1
Lambs	'000	489.8	456.5	437.8
Pigs	'000	84.8	92.5	95.8
Chickens	'000	n.a.	n.a.	n.a.
<b>Livestock products (b) -</b>				
Beef	tonnes	45,266	44,925	47,458
Veal	tonnes	665	692	515
Mutton	tonnes	8,355	8,949	9,992
Lamb	tonnes	8,070	7,456	7,047
Pigmeat	tonnes	5,168	5,749	6,019
Chickens	tonnes	n.a.	n.a.	n.a.
Whole milk intake by factories (c)	million litres	372	413	447
<b>Wool (d) -</b>				
Brokers and dealers receipts of taxable wool	tonnes	17,845	17,384	18,633

(a) Includes estimates of animals slaughtered on farms and country butchers. (b) Dressed carcass weight, excluding offal. (c) Source: Australian Dairy Corporation. (d) Source: The National Council of Wool Selling Brokers of Australia and ABS Dealers Collection.

TABLE 27. SALES OF LIVESTOCK, YEARS ENDED 31 MARCH 1992 TO 1994

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992	1993	1994
<b>Cattle and calves -</b>						
Dairy breed bulls (a)	32	112	309	1,140	295	453
Beef breed bulls (a)	314	1,238	882	3,117	2,397	2,434
Other cattle and calves (b)	37,263	102,392	125,785	218,525	247,626	265,440
Total	37,609	103,742	126,976	222,782	250,318	268,327
<b>Sheep</b>						
Lambs	361,112	387,478	54,105	673,137	746,016	802,695
Total sheep and lambs	186,138	258,807	76,612	474,152	461,461	521,557
	547,250	646,285	130,717	1,147,289	1,207,477	1,324,252
<b>Horses</b>						
Pigs	81	162	50	254	297	293
Goats	7,972	45,358	29,699	72,237	78,973	83,029
Deer	505	387	264	1,826	748	1,156
Other livestock (c)	1,007	1,625	748	758	1,613	3,380
	83	23	13	—	255	119

(a) One year and over, sold for breeding. (b) Includes grain fed. (c) Includes emus, ostriches and donkeys.

**TABLE 28. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS (a), AND LIVESTOCK PRODUCTS, GROSS VALUE, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994 (\$'000)**

	1992	1993	1994
<b>Livestock slaughterings and other disposals -</b>			
Cattle and calves (b)	87,953.1	91,946.8	112,527.3
Sheep and lambs (c)	8,904.8	13,420.5	13,940.7
Other (d)	20,976.1	22,037.7	12,008.0
<b>Total</b>	<b>117,834.1</b>	<b>127,404.9</b>	<b>138,476.0</b>
<b>Wool -</b>			
Shorn	75,893.1	60,140.2	71,724.7
Other (e)	2,829.1	2,593.1	2,516.9
<b>Liquid whole milk used for -</b>			
Manufacturing	70,194.7	92,583.6	102,352.3
Human consumption	21,563.8	23,419.7	24,491.2
<b>Total whole milk production</b>	<b>91,758.4</b>	<b>116,003.3</b>	<b>126,843.5</b>
<b>Eggs</b>	<b>7,967.8</b>	<b>7,360.9</b>	<b>7,188.1</b>
<b>Honey</b>	<b>2,228.9</b>	<b>1,255.7</b>	<b>961.1</b>
<b>Beerwax (f)</b>	<b>86.9</b>	<b>44.8</b>	<b>40.2</b>

(a) Includes net exports of livestock. Exports interstate for slaughter can only be identified between Northern Territory and adjacent states. (b) Includes dairy cattle slaughtered. (c) Excludes value of wool on skins. (d) Includes pigs, poultry and other livestock. (e) Includes dead and fellmongered on skins. (f) Includes pollen

**TABLE 29. SHEEP BY AGE, SEX AND PURPOSE, AT 31 MARCH 1992 TO 1994**

Unit	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
<b>Sheep (1 year and over) -</b>						
Rams '000	15.7	22.7	2.3	42.3	41.3	40.7
Ewes -						
Breeding '000	690.2	922.2	104.7	1,744.7	1,710.4	1,717.1
Other '000	77.8	113.2	16.0	232.3	220.9	207.1
Wethers '000	556.1	644.1	59.4	1,335.1	1,262.4	1,259.6
<b>Total '000</b>	<b>1,339.9</b>	<b>1,702.3</b>	<b>182.4</b>	<b>3,354.5</b>	<b>3,234.9</b>	<b>3,224.5</b>
<b>Lambs and hoggets (under 1 year)</b>	<b>435.2</b>	<b>570.2</b>	<b>94.0</b>	<b>940.3</b>	<b>1,028.6</b>	<b>1,099.4</b>
<b>Total sheep '000</b>	<b>1,775.1</b>	<b>2,272.4</b>	<b>276.4</b>	<b>4,294.8</b>	<b>4,263.6</b>	<b>4,323.9</b>

(a) See Explanatory Notes, paragraph 3.

**TABLE 30. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY REPORTING SHEEP NUMBER BY AGE, SEX AND PURPOSE, HAVING EVAO \$5,000 AND OVER, AT 31 MARCH 1992 TO 1994**

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
<b>Sheep, 1 year and over -</b>						
Rams	609	876	386	1,530	1,546	1,871
Ewes -						
Breeding	619	893	398	1,581	1,569	1,910
Other	280	341	72	609	594	693
Wethers	516	663	187	1,205	1,133	1,366
<b>Total</b>	<b>693</b>	<b>1,013</b>	<b>482</b>	<b>1,767</b>	<b>1,744</b>	<b>2,188</b>
<b>Lambs and hoggets (under 1 year)</b>	<b>577</b>	<b>835</b>	<b>354</b>	<b>1,438</b>	<b>1,441</b>	<b>1,766</b>
<b>Total sheep</b>	<b>700</b>	<b>1,024</b>	<b>510</b>	<b>1,787</b>	<b>1,767</b>	<b>2,234</b>

(a) See Explanatory Notes, paragraph 3.

TABLE 31. SHEEP AND LAMBS SHORN AND GREASY WOOL PRODUCED, YEARS ENDED 31 MARCH 1992 TO 1994

Unit	1994			Tasmania			
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994	
Sheep and lambs shorn	no.	1,856,095	2,414,921	262,791	4,695,130	4,511,478	4,533,807
Wool produced -							
From sheep and lambs shorn	'000 kg	7,333.8	9,360.6	918.4	17,578.5	17,590.1	17,612.7
Crutchings	'000 kg	231.1	301.9	19.8	506.8	619.9	552.8
Total shorn and crutched	'000 kg	7,564.8	9,662.5	938.2	18,085.3	18,210.0	18,165.5
Average clip (b)	kg	4.1	4.0	3.6	3.9	4.0	4.0

(a) See Explanatory Notes, paragraph 3 (b) Average clip for all sheep, including lambs. Includes crutchings.

TABLE 32. LAMBING, YEAR ENDED 31 MARCH 1994

Unit	Greater Hobart and Southern	Northern	Mersey - Lyell	Tasmania	
Ewes actually mated (a)	'000	661.3	875.9	99.2	1,636.4
Lambs marked	'000	568.6	735.2	98.4	1,402.2
Proportion of lambs marked to ewes mated	%	86.0	83.9	99.2	85.7
Ewes intended to be mated in 1994-95 (b)	'000	669.9	894.9	98.8	1,663.6

(a) Ewes mated to produce lambs marked in the season shown. (b) Forecast made at the end of the 1993-94 season.

TABLE 33. WOOL, AVERAGE CLIP (GREASY) (a), YEARS ENDED 31 MARCH 1992 TO 1994

Unit	1994			Tasmania			
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (b)	1993 (b)	1994	
Sheep	kg/n	4.1	4.2	4.2	4.0	4.1	4.2
Lambs	kg/n	1.3	1.3	1.5	1.4	1.3	1.3

(a) Excludes crutchings, dead, fellmongered, wool from skins etc (b) See Explanatory Notes, paragraph 3.

TABLE 34. CATTLE NUMBERS BY AGE, SEX AND PURPOSE, AT 31 MARCH 1992 TO 1994 ('000)

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
Milk cattle -						
Bulls and bull calves intended for service	0.1	0.9	1.5	2.0	2.3	2.6
Cows in milk and dry	4.1	39.4	69.0	97.7	105.8	112.5
Heifer and heifer calves	2.2	20.1	34.2	46.3	51.4	56.5
Total milk cattle (b)	6.4	60.4	104.7	146.0	159.5	171.6
Meat cattle						
Bulls and bull calves intended for service	2.4	5.2	3.9	10.4	10.0	11.6
Cows and heifers one year and over	48.6	107.5	88.5	198.4	210.1	244.5
Heifer and other calves under one year	28.7	64.0	64.0	143.0	134.3	156.7
Other cattle one year and over	5.1	32.5	56.9	94.8	90.8	94.5
Total meat cattle	84.8	209.3	213.2	446.7	445.2	507.3
Total cattle and calves (b)	91.2	269.7	317.9	592.7	604.7	678.9
Per cent of total herd -						
Milk cattle	7.1	22.4	32.9	24.6	26.4	25.3
Meat cattle	92.9	77.6	67.1	75.4	73.6	74.7

(a) See Explanatory Notes, paragraph 3. (b) Excluding house cows and heifers.

**TABLE 35. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY REPORTING CATTLE NUMBERS BY AGE, SEX AND PURPOSE, AT 31 MARCH 1992 TO 1994**

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
<b>Milk cattle -</b>						
Bulls and bull calves intended for service	23	228	392	589	639	643
Cows in milk and dry	42	280	523	841	841	845
Heifer and heifer calves	39	288	544	810	849	871
<i>Total milk cattle (b)</i>	<i>52</i>	<i>306</i>	<i>578</i>	<i>890</i>	<i>911</i>	<i>936</i>
<b>Meat cattle -</b>						
Bulls and bull calves intended for service	540	957	874	1,823	1,825	2,371
Cows and heifers one year and over	629	1,064	1,012	1,990	1,991	2,705
Heifer and other calves under one year	564	1,005	1,020	2,062	1,973	2,589
Other cattle one year and over	248	628	806	1,631	1,420	1,682
<i>Total meat cattle</i>	<i>695</i>	<i>1,253</i>	<i>1,391</i>	<i>2,537</i>	<i>2,483</i>	<i>3,339</i>
<b>Total establishments</b>	<b>706</b>	<b>1,319</b>	<b>1,581</b>	<b>2,746</b>	<b>2,790</b>	<b>3,606</b>

(a) See Explanatory Notes, paragraph 3. (b) Excludes establishments with house cows and heifers only.

**TABLE 36. PIG NUMBERS, AT 31 MARCH 1992 TO 1994**

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
<b>Boars</b>	46	263	170	424	446	479
<b>Breeding sows and gilts intended for breeding</b>	454	3,578	2,135	5,499	5,769	6,167
<b>Other pigs (incl. suckers, weaners, growers etc.)</b>	2,895	23,840	12,140	34,100	37,658	38,875
<b>Total pigs</b>	<b>3,395</b>	<b>27,681</b>	<b>14,445</b>	<b>40,023</b>	<b>43,873</b>	<b>45,521</b>

(a) See Explanatory Notes, paragraph 3.

**TABLE 37. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY REPORTING PIGS, AT 31 MARCH 1992 TO 1994**

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
<b>Boars</b>	27	61	47	99	107	135
<b>Breeding sows and gilts intended for breeding</b>	32	66	48	114	119	146
<b>Other pigs (incl. suckers, weaners growers, etc.)</b>	38	71	55	135	142	164
<b>Total establishments</b>	<b>43</b>	<b>76</b>	<b>62</b>	<b>136</b>	<b>154</b>	<b>181</b>

(a) See Explanatory Notes, paragraph 3.

**TABLE 38. POULTRY NUMBERS, AT 31 MARCH 1992 TO 1994**

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
<b>Chickens</b>						
For egg production	160,087	40,347	22,970	217,350	n.a.	223,404
For meat production	n.a.	n.a.	n.a.	431,550	n.a.	n.a.
<b>Breeding stock</b>	57,268	1,074	1,200	n.a.	n.a.	59,542
<b>Other poultry</b>	20,119	53	1,200	30,515	n.a.	21,372

(a) See Explanatory Notes, paragraph 3.



TABLE 39. BEEKEEPING, SUMMARY STATISTICS, YEARS ENDED 30 JUNE 1992 TO 1994

		1994			Tasmania		
		Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
<b>Beekeepers</b>							
Beehives -							
Productive (b)	n	2,535	3,916	4,023	9,492	10,084	10,474
Unproductive	n	260	891	615	1,526	2,071	1,766
Total	n	2,795	4,807	4,638	11,018	12,155	12,240
Honey produced -							
Quantity	kg	97,219	289,871	235,992	1,211,119	732,458	623,082
Average production per productive beehive	kg/n	38	74	59	128	73	59
Beeswax produced	kg	1,159	3,937	3,837	19,410	10,357	8,933

(a) See Explanatory Notes, paragraph 3. (b) Beehives from which honey was taken.

TABLE 40. NUMBER OF DEER, GOATS, HORSES AND OTHER LIVESTOCK, AT 31 MARCH 1992 TO 1994

	1994			Tasmania		
	Greater Hobart and Southern	Northern	Mersey - Lyell	1992 (a)	1993 (a)	1994
Deer	7,817	10,055	3,215	10,224	13,782	21,087
Goats -						
Fibre	2,485	3,823	719	10,126	8,123	7,027
Milk and other	350	404	503	668	256	1,257
Total	2,835	4,227	1,222	10,794	8,379	8,284
Horses (b) -						
Stud	459	923	424	1,663	1,510	1,806
Other	739	1,685	811	2,306	2,072	3,235
Total	1,198	2,608	1,235	3,969	3,582	5,041
Alpacas	23	—	—	n.c.	9	23
Emus	154	69	30	n.c.	328	253
Ostriches	194	5	64	n.c.	160	263
Other livestock	—	50	32	149	n.a.	82

(a) See Explanatory Notes, paragraph 3. (b) Comprises horses on establishments with agricultural activity.

F. FARM FINANCES  
 TABLE 41. FARM BUSINESSES, SELECTED FINANCIAL STATISTICS, 1991-92 TO 1993-94 (a), INDUSTRY, TASMANIA

Items	Poultry 0141-0142				Fruit 0114-0119				Vegetables (e) 0113				Grain 0121			
	1991-92		1993-94		1991-92		1993-94		1991-92		1993-94		1991-92		1993-94	
	\$m	SE%	\$m	SE%	\$m	SE%	\$m	SE%	\$m	SE%	\$m	SE%	\$m	SE%	\$m	SE%
Sales from crops	0.9	0.7	0.8	1	31.9	44.4	13	n.p.	81.9	96.4	9	(d)	(d)	(d)	(d)	(d)
Sales from livestock	0.2	0.3	0.7	45	0.4	0.9	42	n.p.	20.6	26.8	35	(d)	(d)	(d)	(d)	(d)
Sales from livestock products	7.8	8.3	9.3	18	0.2	4.2	20	n.p.	5.9	2.2	50	(d)	(d)	(d)	(d)	(d)
Turnover	9.8	10.3	11.3	13	36.4	60.7	14	n.p.	116.0	136.2	11	(d)	(d)	(d)	(d)	(d)
Purchases and selected expenses	5.3	5.9	6.7	14	20.1	33.7	13	n.p.	68.3	76.0	13	(d)	(d)	(d)	(d)	(d)
Value added(b)	4.5	4.4	4.6	12	16.5	27.5	17	n.p.	46.3	61.6	14	(d)	(d)	(d)	(d)	(d)
Adjusted value added	4.1	3.9	4.1	12	14.8	24.7	19	n.p.	40.9	54.9	14	(d)	(d)	(d)	(d)	(d)
Gross operating surplus	1.8	2.4	1.9	11	7.1	11.8	33	n.p.	30.0	39.7	19	(d)	(d)	(d)	(d)	(d)
Total interest paid	0.3	0.3	0.2	55	1.0	1.6	33	n.p.	10.4	8.4	25	(d)	(d)	(d)	(d)	(d)
Cash operating surplus(c)	1.6	2.3	1.9	11	6.9	9.8	41	n.p.	21.2	29.7	24	(d)	(d)	(d)	(d)	(d)
Total net capital expenditure	-0.3	0.2	0.3	31	1.4	3.0	37	n.p.	12.7	11.2	24	(d)	(d)	(d)	(d)	(d)
Total value of assets	18.9	21.1	18.6	30	77.9	127.8	19	n.p.	356.0	464.2	14	(d)	(d)	(d)	(d)	(d)
Gross indebtedness	5.8	5.2	5.2	22	12.0	19.6	33	n.p.	105.4	111.0	23	(d)	(d)	(d)	(d)	(d)
Net indebtedness	0.7	-1.7	2.8	42	-0.4	15.1	55	n.p.	84.2	95.6	25	(d)	(d)	(d)	(d)	(d)
Net worth	13.1	15.9	13.4	40	65.9	108.2	24	n.p.	250.7	353.2	14	(d)	(d)	(d)	(d)	(d)
<b>Number of farm businesses</b>	<b>16</b>	<b>18</b>	<b>22</b>	<b>10</b>	<b>152</b>	<b>176</b>	<b>14</b>	<b>n.p.</b>	<b>567</b>	<b>550</b>	<b>4</b>	<b>(d)</b>	<b>(d)</b>	<b>(d)</b>	<b>(d)</b>	<b>(d)</b>

Items	Grain - sheep-beef 0122				Sheep - beef cattle 0123				Sheep 0124				Beef cattle 0125			
	1991-92		1993-94		1991-92		1993-94		1991-92		1993-94		1991-92		1993-94	
	\$m	SE%	\$m	SE%	\$m	SE%	\$m	SE%	\$m	SE%	\$m	SE%	\$m	SE%	\$m	SE%
Sales from crops	1.3	4.3	1.1	*	2.9	2.2	1.1	37	6.5	7.9	13.9	50	4.6	6.1	4.0	56
Sales from livestock	1.1	1.4	0.3	88	25.7	31.8	29.1	20	9.6	13.1	17.9	14	24.4	29.0	62.2	18
Sales from livestock products	4.2	2.0	0.4	38	31.8	24.1	21.6	18	31.4	29.8	44.9	13	1.5	0.4	0.7	27
Turnover	7.2	9.5	2.6	85	64.2	59.7	58.9	17	50.5	55.5	82.5	14	34.0	40.2	73.0	17
Purchases and selected expenses	3.8	5.1	1.7	96	38.1	34.3	32.6	15	32.6	32.8	47.0	19	26.5	27.3	50.9	20
Value added(b)	3.1	3.6	1.0	65	24.4	11.8	27.9	20	18.0	13.0	32.7	19	4.7	13.6	23.9	13
Adjusted value added	2.5	2.9	0.8	64	18.6	6.6	22.8	23	12.6	7.1	24.4	26	1.9	10.5	19.3	15
Gross operating surplus	2.0	2.4	0.8	66	10.0	-2.3	12.9	29	6.6	-1.6	10.5	54	-2.2	7.2	15.2	18
Total interest paid	1.5	0.6	0.3	78	10.9	8.2	5.3	19	8.9	8.3	11.2	20	2.5	3.1	2.3	24
Cash operating surplus(c)	0.7	1.8	0.4	*	1.1	4.9	6.9	62	-0.2	-0.6	2.3	*	-0.9	3.6	11.7	31
Total net capital expenditure	0.1	0.6	0.1	56	2.1	1.6	9.7	36	4.7	3.1	3.5	40	2.2	1.5	0.8	*
Total value of assets	39.7	61.9	18.6	78	553.6	516.3	511.1	14	522.6	604.1	713.5	11	280.2	524.3	386.2	16
Gross indebtedness	7.1	7.8	3.2	69	102.3	106.5	59.6	16	71.7	80.6	114.6	18	36.7	33.6	44.3	29
Net indebtedness	6.1	7.4	-1.1	*	85.1	81.5	36.7	38	43.9	64.0	99.9	22	28.1	24.4	33.8	45
Net worth	32.6	54.1	15.4	85	451.3	409.9	451.5	15	450.9	523.5	598.9	12	243.5	490.7	341.8	15
<b>Number of farm businesses</b>	<b>82</b>	<b>78</b>	<b>31</b>	<b>45</b>	<b>455</b>	<b>348</b>	<b>338</b>	<b>19</b>	<b>447</b>	<b>486</b>	<b>492</b>	<b>9</b>	<b>486</b>	<b>416</b>	<b>523</b>	<b>14</b>

See footnotes at end of table.

F. FARM FINANCES  
 TABLE 41. FARM BUSINESSES, SELECTED FINANCIAL STATISTICS, 1991-92 TO 1993-94(a), INDUSTRY, TASMANIA—continued

Items	Dairy cattle 0130			Pigs 0151			Sugar 0161		
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
	\$m	\$m	\$m	SE%	\$m	SE%	\$m	SE%	\$m
Sales from crops	10.7	12.7	9.8	40	2.0	0.8	32	—	—
Sales from livestock	20.1	15.7	26.8	37	13.7	10.4	70	—	—
Sales from livestock products	80.8	86.0	96.5	9	1.0	0.3	33	—	—
Turnover	118.3	121.1	139.7	11	18.1	11.8	70	—	—
Purchases and selected expenses	63.9	63.8	84.8	14	12.8	9.0	10	—	—
Value added(b)	60.6	60.4	55.1	10	8.3	2.5	9	—	—
Adjusted value added	54.0	54.0	48.7	11	7.3	2.4	9	—	—
Gross operating surplus	42.0	42.8	35.5	13	5.9	1.5	15	—	—
Total interest paid	11.9	10.8	5.4	25	1.5	0.5	37	—	—
Cash operating surplus(c)	22.9	27.9	31.4	19	1.5	0.2	22	—	—
Total net capital expenditure	10.1	14.2	10.1	24	1.4	1.7	38	—	—
Total value of assets	536.7	513.5	583.8	13	50.2	27.7	16	—	—
Gross indebtedness	87.5	82.1	81.8	28	15.8	5.0	24	—	—
Net indebtedness	75.0	67.1	66.7	35	14.1	4.9	24	—	—
Net worth	449.3	431.5	502.0	16	34.5	22.7	19	—	—
<b>Number of farm businesses</b>	<b>860</b>	<b>774</b>	<b>837</b>	<b>5</b>	<b>88</b>	<b>43</b>	<b>14</b>	<b>—</b>	<b>—</b>

Items	Cotton 0162			Other agriculture (e) 0111-0112, 0152-0159, 0169			Agriculture all industries		
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
	\$m	\$m	\$m	SE%	\$m	SE%	\$m	SE%	\$m
Sales from crops	—	—	—	—	n.p.	24.3	15	161.5	193.8
Sales from livestock	—	—	—	—	n.p.	2.6	6	111.6	125.1
Sales from livestock products	—	—	—	—	n.p.	11.7	65	166.9	172.8
Turnover	—	—	—	—	n.p.	40.6	13	481.7	525.8
Purchases and selected expenses	—	—	—	—	n.p.	23.5	19	274.4	304.7
Value added(b)	—	—	—	—	n.p.	18.6	10	210.6	201.8
Adjusted value added	—	—	—	—	n.p.	16.0	10	179.9	168.6
Gross operating surplus	—	—	—	—	n.p.	9.4	14	121.6	103.0
Total interest paid	—	—	—	—	n.p.	1.7	17	53.3	45.5
Cash operating surplus(c)	—	—	—	—	n.p.	6.0	17	69.2	77.1
Total net capital expenditure	—	—	—	—	n.p.	3.0	18	28.6	41.6
Total value of assets	—	—	—	—	n.p.	113.0	20	2,498.1	2,865.3
Gross indebtedness	—	—	—	—	n.p.	23.7	16	473.7	472.2
Net indebtedness	—	—	—	—	n.p.	20.7	19	344.4	368.5
Net worth	—	—	—	—	n.p.	89.3	33	2,024.4	2,393.1
<b>Number of farm businesses</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>n.p.</b>	<b>183</b>	<b>26</b>	<b>3,195</b>	<b>3,138</b>
									<b>3,149</b>

(a) From 1993-94, details of Multi-State businesses have been apportioned to the relevant States; see Catalogue 7507.0 Explanatory Notes paragraphs 5, 6 and 7. For earlier years they were included in the Australian totals only.  
 (b) Includes an estimate for the value of the increase in livestock. (c) Excludes an estimate for the value of the increase in livestock. (d) Industry not significant in this State and estimate included with Grain-sheep-beef. (e) Refer to paragraph 13 of the Explanatory Notes Catalogue 7507.0  
 NOTE: Standard error of change between two 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). (Refer to Paragraphs 15-22 of the Explanatory Notes Catalogue 7507.0).

TABLE 39. FARM BUSINESSES, SELECTED FINANCIAL STATISTICS, 1991-92 TO 1993-94(a), TASMANIA, INDUSTRY — AVERAGES

Items	Poultry 0141-0142			Fruit 0114-0119			Vegetables 0113			Grain 0121		
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
	\$000	\$000	SE%	\$000	\$000	SE%	\$000	\$000	SE%	\$000	\$000	SE%
Sales from crops	54.8	41.3	35.7	10	209.7	229.2	252.5	12	n.p.	144.4	175.3	8
Sales from livestock	15.2	15.7	32.4	42	2.8	3.8	3.8	41	n.p.	36.3	48.8	34
Sales from livestock products	487.1	462.8	422.5	15	1.1	18.4	1.5	21	n.p.	10.4	3.9	49
Turnover	611.7	570.4	514.0	9	239.4	267.4	282.9	13	n.p.	204.6	247.7	9
Purchases and selected expenses	331.3	330.4	303.5	10	132.0	148.4	168.7	13	n.p.	120.5	138.1	12
Value added (b)	284.1	242.7	208.4	8	108.2	121.2	115.8	17	n.p.	81.7	111.9	12
Adjusted value added (b)	253.4	216.6	184.8	8	97.6	108.9	103.1	18	n.p.	72.2	99.9	13
Gross operating surplus (b)	112.7	131.7	88.5	7	46.5	52.1	40.7	32	n.p.	52.9	72.1	18
Interest paid	15.7	14.2	15.7	53	6.7	7.2	5.4	33	n.p.	18.4	15.3	24
Cash operating surplus (c)	99.5	126.0	84.7	8	45.1	43.1	33.6	41	n.p.	37.4	54.1	23
Gross indebtedness	362.1	286.5	236.5	21	78.8	86.4	71.5	34	n.p.	185.8	201.9	21
Total net capital expenditure	-21.3	10.8	15.5	29	8.9	13.2	11.9	34	n.p.	22.5	20.4	23
Total value of assets	1,182.7	1,169.7	844.2	28	512.6	563.1	450.7	15	n.p.	627.9	844.1	12
Net indebtedness	-41.0	-96.4	127.6	41	-2.4	66.5	50.6	55	n.p.	148.5	173.9	24
Net worth	820.6	883.2	607.7	37	433.8	476.8	379.2	20	n.p.	442.1	642.2	14

Items	Grain - sheep-beef 0122			Sheep - beef cattle 0123			Sheep 0124			Beef cattle 0125		
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
	\$000	\$000	SE%	\$000	\$000	SE%	\$000	\$000	SE%	\$000	\$000	SE%
Sales from crops	15.7	55.4	36.8	*	6.4	6.5	3.3	38	14.5	16.3	28.2	50
Sales from livestock	12.9	17.5	10.7	65	56.5	91.4	86.1	20	21.5	27.0	36.3	15
Sales from livestock products	51.3	26.3	12.4	39	70.0	69.3	64.0	22	70.3	61.3	91.2	14
Turnover	88.0	121.5	82.4	62	141.0	171.4	174.3	17	112.9	114.1	167.6	14
Purchases and selected expenses	46.7	65.8	55.4	72	83.6	98.6	96.4	15	73.0	67.6	95.5	20
Value added (b)	38.2	46.2	31.4	44	53.5	33.8	82.6	21	40.2	26.8	66.6	19
Adjusted value added (b)	30.4	36.6	26.0	43	41.0	19.0	67.5	24	28.2	14.7	49.5	26
Gross operating surplus (b)	24.0	31.0	25.0	45	21.9	-6.6	38.0	28	14.8	-3.2	21.4	54
Interest paid	17.9	8.3	10.2	59	24.0	23.5	15.7	19	19.9	17.0	22.9	20
Cash operating surplus (c)	8.3	22.5	13.7	*	2.4	13.9	20.4	59	-0.5	-1.2	4.8	*
Gross indebtedness	87.2	100.3	103.1	49	224.8	305.9	176.4	18	160.4	165.9	233.0	18
Total net capital expenditure	1.3	7.3	2.2	45	4.7	4.6	28.7	37	10.5	6.4	7.1	40
Total value of assets	484.3	794.0	599.7	57	1,216.6	1,483.7	1,512.1	13	1,169.2	1,243.0	1,450.3	12
Net indebtedness	74.2	94.3	-36.3	*	187.0	234.3	108.5	39	98.3	131.7	203.0	22
Net worth	397.2	693.7	496.6	66	991.8	1,177.8	1,335.7	14	1,008.8	1,077.1	1,217.3	14

See footnotes at end of table.

TABLE 39. FARM BUSINESSES, SELECTED FINANCIAL STATISTICS, 1991-92 TO 1993-94(a), TASMANIA, INDUSTRY — AVERAGES — continued

Items	Dairy cattle 0130			Pigs 0151			Sugar 0161		
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
	\$000	\$000	\$000	SE%	\$000	\$000	SE%	\$000	\$000
Sales from crops	12.5	16.4	11.7	39	22.6	36.1	16.5	30	—
Sales from livestock	23.4	20.2	32.0	37	156.1	229.9	221.1	7	—
Sales from livestock products	94.0	111.1	115.3	9	11.4	6.8	1.6	32	—
Turnover	137.6	156.5	166.9	10	206.0	285.4	250.6	7	—
Purchases and selected expenses	74.3	82.4	101.4	13	145.1	227.7	190.8	7	—
Value added (b)	70.5	78.1	65.9	12	94.5	58.8	60.8	9	—
Adjusted value added (b)	62.8	69.8	58.2	13	82.5	44.3	51.6	10	—
Gross operating surplus (b)	48.8	55.3	42.4	15	67.3	19.7	31.7	12	—
Interest paid	13.9	14.0	6.5	23	17.5	12.3	10.9	35	—
Cash operating surplus (c)	26.6	36.1	37.5	21	16.6	5.6	19.7	18	—
Gross indebtedness	101.7	106.1	97.8	27	179.2	180.8	106.2	21	—
Total net capital expenditure	11.7	18.4	32.4	21	15.6	39.8	8.7	35	—
Total value of assets	624.1	663.5	697.5	13	570.9	631.7	589.2	10	—
Net indebtedness	87.3	86.7	79.6	33	159.9	136.3	103.7	20	—
Net worth	522.4	557.4	599.7	16	391.7	451.0	483.0	13	—

Items	Cotton 0162			Other agriculture 0111-0112, 0152-0159, 0169			Agriculture all industries		
	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94	1991-92	1992-93	1993-94
	\$000	\$000	\$000	SE%	\$000	\$000	SE%	\$000	\$000
Sales from crops	—	—	—	—	n.p.	132.9	188.7	20	61.8
Sales from livestock	—	—	—	—	n.p.	14.0	5.1	25	34.9
Sales from livestock products	—	—	—	—	n.p.	64.1	4.8	67	52.2
Turnover	—	—	—	—	n.p.	221.9	230.9	20	150.8
Purchases and selected expenses	—	—	—	—	n.p.	128.6	104.2	20	85.9
Value added (b)	—	—	—	—	n.p.	101.6	127.8	22	65.9
Adjusted value added (b)	—	—	—	—	n.p.	87.6	111.4	23	64.3
Gross operating surplus (b)	—	—	—	—	n.p.	51.6	53.3	23	38.0
Interest paid	—	—	—	—	n.p.	9.2	16.9	25	14.5
Cash operating surplus (c)	—	—	—	—	n.p.	36.0	36.0	27	21.7
Gross indebtedness	—	—	—	—	n.p.	129.3	321.7	24	148.3
Total net capital expenditure	—	—	—	—	n.p.	16.2	8.3	21	9.0
Total value of assets	—	—	—	—	n.p.	617.4	617.3	19	781.9
Net indebtedness	—	—	—	—	n.p.	113.0	266.8	25	107.8
Net worth	—	—	—	—	n.p.	488.1	295.6	24	633.6

(a) From 1993-94, details of Multi-State businesses have been apportioned to the relevant States; see Catalogue 7507.0 Explanatory Notes paragraphs 5, 6 and 7. For earlier years they were included in the Australian totals only.  
 (b) Includes an estimate for the value of the increase in livestock. (c) Excludes an estimate for the value of the increase in livestock. (d) Industry not significant in this State and estimate included with Grain-sheep-beef. (e) Refer to paragraph 13 of the Explanatory Notes Catalogue 7507.0  
 NOTE: Standard error of change between two 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). (Refer to Paragraphs 15-22 of the Explanatory Notes Catalogue 7507.0).

## EXPLANATORY NOTES

### Introduction

This publication contains detailed 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 (VACP).

### Scope and coverage

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

3. The ABS excludes from the Census those establishments which make only a small contribution to overall agricultural production. 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	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. For tables 17, 20 and 24 the data for 1993-94 has been shown for EVAO levels of both \$5,000 and over and \$22,500 and over. This allows comparison of the 1993-94 State total with the State totals of previous years.

5. The effect of the lower EVAO cut off of \$5,000 and over in 1993-94 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.

### Agricultural establishments

6. 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 controlling its productive activities and maintaining 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 that they are within the same State or Territory. The majority of establishments operate at one location only.

### Industry and size classification

7. In the 1991-92 Agricultural Census, establishments within the Agricultural Sector were classified in

accordance with the methodology described in the 1983 edition of the Australian Standard Industrial Classification (ASIC), and the 1993 edition of the New Zealand Standard Industrial Classification (NZSIC), Catalogue No. 1292.0 for purposes of comparison. Since ANZSIC has now replaced ASIC, units in this publication have been classified by ANZSIC only. Therefore, care should be taken when making comparisons between years where different classifications have been used.

8. 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.

9. 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.

10. 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 turnover 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

11. 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

12. 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 1993-94 season relates to the harvesting period October 1993 to February 1994. Statistics of other crops which in some States are harvested after 31 March 1994 (e.g. maize, potatoes, apples and pears) are collected by supplementary census returns and are included in this publication.

### Livestock slaughtering and livestock products

13. 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

14. As with livestock numbers, shearing and wool production statistics are derived from the annual Agricultural Census conducted at 31 March.

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

16. The estimates contained in Tables 26 and 27 are defined from these major sources:

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

reported in tonnes, or converted to tonnes as required.

- (iii) Estimates from the Agricultural Census undertaken with reference to the twelve months prior to 31 March.
- (iv) Deliberations of the Australian and State wool production forecasting committees, comprising Australian Wool Corporation, Australian Bureau of Agricultural and Resource Economics, National Council of Wool Selling Brokers of Australia, Federal Council of Private Treaty Wool Merchants, Wool Council of Australia, Australian Council of Wool Exporters and the ABS.

17. The combined results of these two collections are believed to account for the total volume of wool received from wool producers. This is in contrast with the Agricultural Census, the scope of which is all farms having an EVAO greater than or equal to \$5,000. Preliminary information of this series is available as a special service at the end of May.

### Milk

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

### Poultry

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

### Beekeeping

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

### Agricultural Finance Survey

21. The financial estimates in this publication have been derived from the 1993-94 Agricultural Finance Survey (AFS). The survey aims to meet demands of users who require annual financial statistics on a consistent basis across all agricultural industries in each State and Australia.

22. More detailed information is published in *Agricultural Industries Financial Statistics, Australia (7507.0)*.

**Scope and coverage**

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.

**Value of agricultural commodities produced**

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

**Scope and coverage**

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.

**Information sources and quantity data.**

26. Production of crops relates, 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 production during the year ended on that date. For example, particulars of production 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 1993-94 season relates to the harvesting period October 1993 to February 1994. Statistics of other crops which in some States are harvested after 31 March 1994 (e.g. maize and potatoes) are collected by supplementary census returns. Information covering such commodities as livestock slaughtering, dairy produce and beekeeping is obtained from separate collections and from organisations such as the Australian Dairy Corporation, etc.

**Price and marketing costs data**

27. The method of collection of relevant prices for, and the costs of marketing of agricultural commodities varies considerable 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, value 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 term used**

28. Gross value of commodities produced is the value placed on recorded production at the whole sale prices realised in the market place.

**Other forms of release**

29. 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, menu-driven interrogation facility.

30. 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**

31. As well as the statistics in this and related publications, the ABS may have other unpublished data available. Enquiries should be directed to Frank McCallum on (002) 20 5939.

**32. Symbols and other usages**

—	nil or rounded to zero
ha	hectares
t	tonnes
n.c.	not collected
n.a.	not available
n.p.	not published
r	revised

33. 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.

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

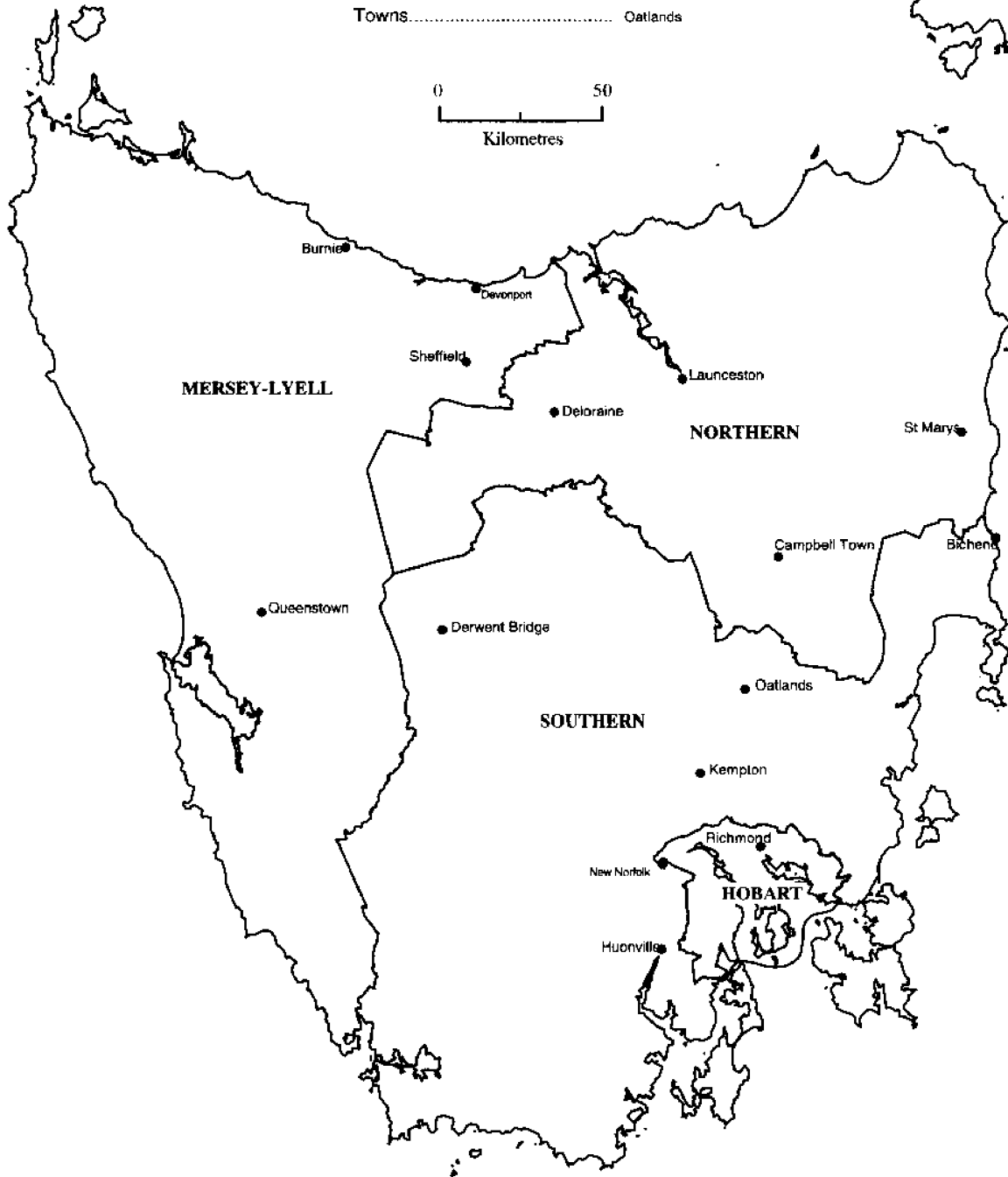
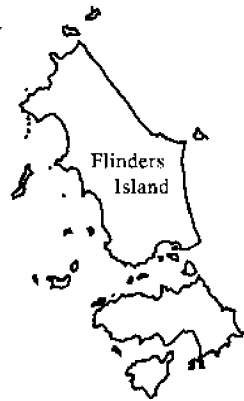


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