



1993-94

Agriculture Western Australia

W.A. CO



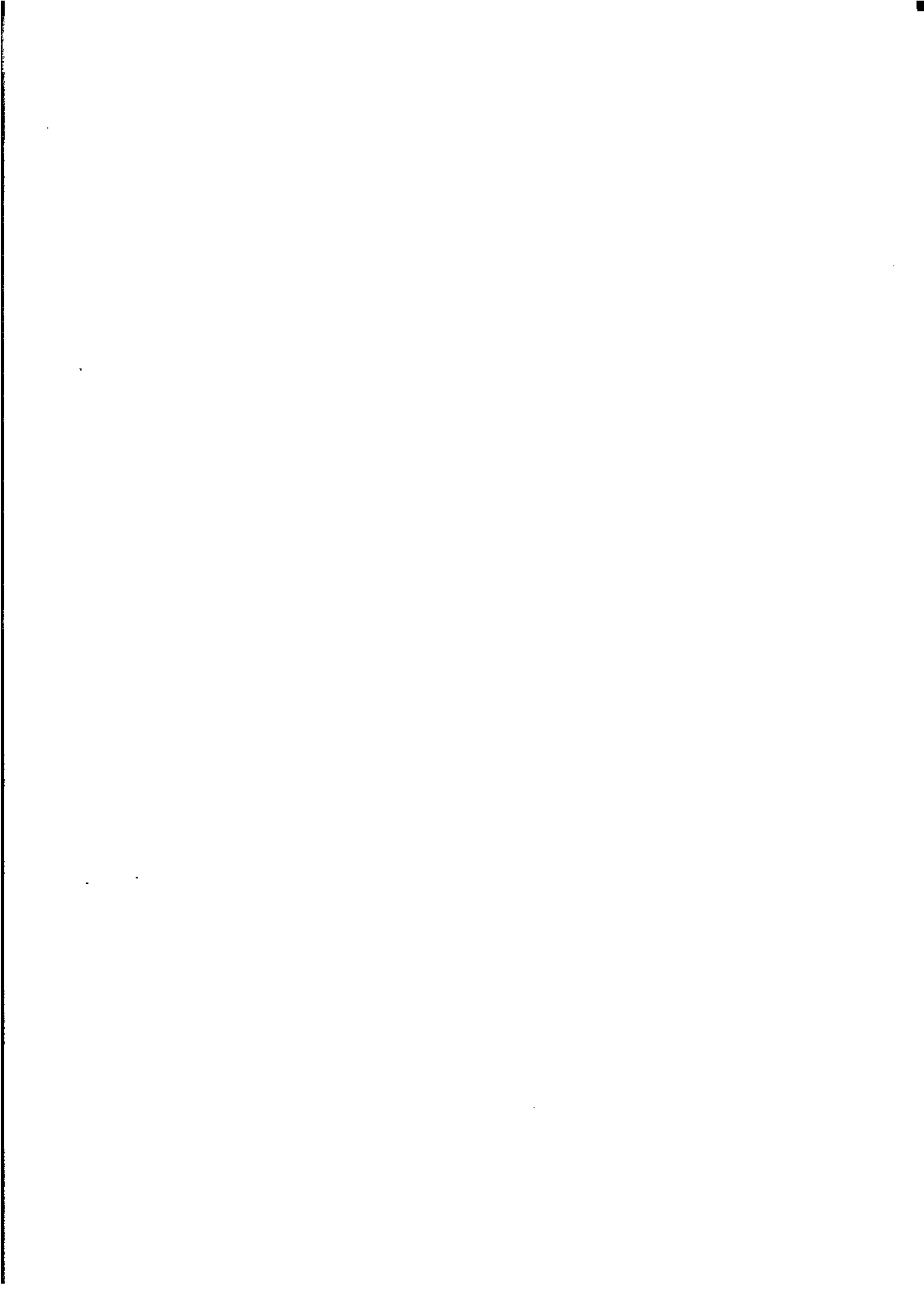
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**AGRICULTURE
WESTERN AUSTRALIA
1993-94**

**P.C. Kelly
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AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 7113.5



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PHONE INQUIRIES

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SUMMARY OF FINDINGS - WESTERN AUSTRALIA

A. Structure of agricultural industry

At 31 March 1994 there were 14,555 establishments with agricultural activity having an Estimated Value of Agricultural Operations (EVAO) of \$5,000 or greater. This represents a decrease of 9.1 per cent on the number five years earlier of 16,004 establishments with agricultural activity and an EVAO of \$5,000 or more.

Of the 14,555 establishments with agricultural activity, some 14,206 (97.6 per cent) were classified to ANZSIC sub-division 01 Agriculture. The fall in the number of agricultural establishments from 31 March 1989 to 31 March 1994 was 7.4 per cent.

Broadacre agricultural industries based on sheep, beef cattle farming and grain growing accounted for 78.5 per cent of establishments classified to ANZSIC sub-division 01. Within these industries there has been significant movement over recent years in terms of activity and industry specialisation. The two most significant changes have occurred in the grain growing industry where the number of establishments increased from 1,420 at 31 March 1992 to 3,154 at 31 March 1994, and in the sheep industry where the number of establishments fell from 2,804 to 1,905.

The main agricultural industries, in terms of number of establishments, at 31 March 1994 and 1992 were (with percentage of total agriculture in parenthesis):

	1994	1992
Grain-sheep-beef cattle farming	3,479 (24.5%)	4,769 (31.1%)
Grain growing	3,154 (22.2%)	1,420 (9.3%)
Beef cattle farming	1,990 (14.0%)	1,737 (11.3%)
Sheep farming	1,905 (13.4%)	2,804 (18.3%)

At 31 March 1994, 9.1 per cent of establishments classified to agriculture had an EVAO of \$500,000 or more. The grain growing industry had 847 establishments with EVAO of \$500,000 or more, which was 65.3 per cent of all agricultural establishments with EVAO of \$500,000 or more.

In terms of area only 12 establishments classified to agriculture at 31 March 1994 had an area of 500,000 hectares or more. Nearly all of these were in the beef cattle farming industry. The median size (i.e. half bigger and half smaller) of establishments classified to the grain growing industry was 1,430 hectares. Just over one per cent of establishments classified to the grain growing industry were ten thousand hectares or greater in area.

B. Land management and farm inputs

Establishments with agricultural activity at 31 March 1994 accounted for 114.4 million hectares or 45.5 per cent of Western Australia's total area. The area used for crops in the year ended 31 March 1994 was 6.1 million hectares, which was 7.6 per cent more than the area used in 1992-93. Total area of sown pastures and grasses at 31 March 1994 was 7.3 million hectares, slightly down on the previous year.

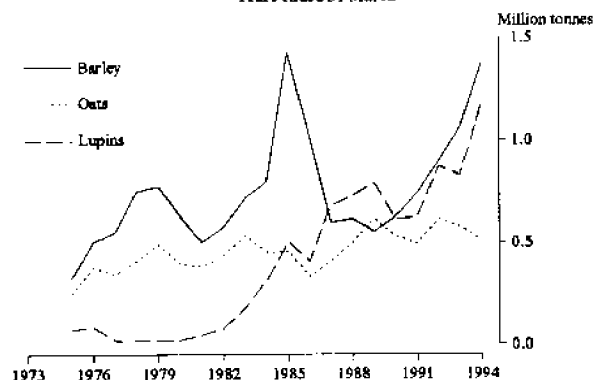
During 1993-94 the total area fertilised was 7.6 million hectares. Total fertiliser usage was 866,000 tonnes, giving an average application rate of 0.11 tonnes per hectare, which is unchanged over the past three years. Soil conditioners (lime, dolomite, gypsum) were applied to some 188,000 hectares, at an average rate of 1.04 tonnes per hectare.

C. Crops and pastures

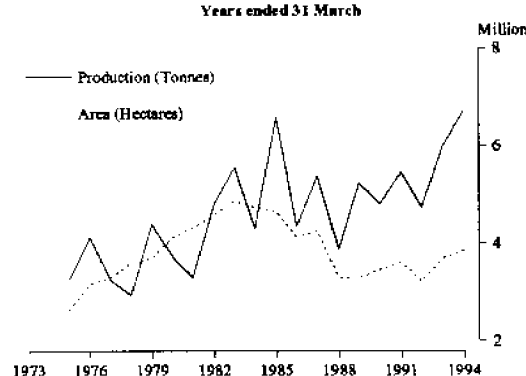
The area of wheat for grain sown in 1993-94 increased to 3.8 million hectares, and yielded 6.7 million tonnes at an average yield of 1.74 tonnes per hectare. The area sown in 1993-94 was 5.0 per cent higher than the area sown in 1992-93, and production was 11.9 per cent above the 1992-93 level.

Barley is another principal crop, with over 799,000 hectares sown, and production of 1.4 million tonnes. The area of barley was 30.8 per cent higher than in 1992-93 and production 30.3 per cent greater.

**SELECTED COARSE GRAINS, PRODUCTION
WESTERN AUSTRALIA
Years ended 31 March**



**WHEAT FOR GRAIN
AREA AND PRODUCTION
WESTERN AUSTRALIA
Years ended 31 March**



Area sown to lupins for grain continued to increase with a record 929,000 hectares sown in 1993-94. Lupin production was 1.2 million tonnes, which was 42.9 per cent higher than in 1992-93. Canola showed a significant increase in area and production from 1992-93 to 1993-94. Area increased from 11,600 hectares in 1992-93 to 35,800 hectares in 1993-94. Production also increased from 11,500 tonnes in 1992-93 to 47,300 tonnes in 1993-94.

In 1993-94 some 111,000 hectares of pastures were cut for hay for an output of 427,000 tonnes. A further 13,500 hectares were harvested for seed. Seed production was 2.78 million kilograms.

D. Horticulture

The principal fruit crop in terms of tree numbers, production and value was apples with 1.0 million trees at year ended 31 March 1994. Apple production in 1993-94 was 44.6 million kilograms, at an average per tree of 44.28 kilograms. The principal citrus fruit was oranges with 221,700 trees and production of 6.3 million kilograms. Bananas also remained important with 18.6 million kilograms being produced from 545.4 hectares. Mango production showed a substantial increase from the year ended 31 March 1993 to the year ended 31 March 1994, going from 566,100 kilograms to 806,700 kilograms. The majority of mango production came from the Central and Kimberley Statistical Divisions.

Strawberry production in 1993-94 was 2.3 million kilograms, which is 33.3 per cent above the 1992-93 production. The production came from 122 hectares at an average of 18,813.7 kilograms per hectare.

Total area of grape vines at time of harvest increased by 7.8 per cent from 1993 to 1994. Bearing area in 1994 at time of harvest was 2,435 hectares compared with 2,261 hectares in 1993. Grape production for 1993-94 was 16,781 tonnes, of which 77.2 per cent was for wine making. The 1993-94 grape production was 22.1 per cent higher than the 1992-93 production.

During 1993-94, there were 9,674 hectares used for vegetables for human consumption, an increase of 0.8 per cent on the 1992-93 area. The area and production of principal vegetable crops were:

	Area	Production
Potatoes	2,720.4 ha	111,812.6 tonnes
Green peas for processing	1,112.0 ha	2,836.8 tonnes
Onions	376.8 ha	22,479.8 tonnes
Carrots	814.4 ha	42,756.9 tonnes

E. Livestock and Livestock Products

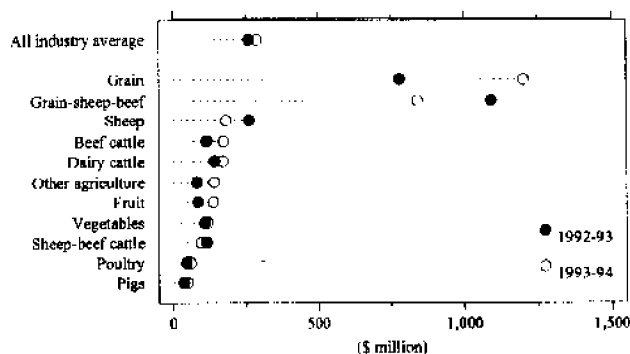
The meat cattle herd at 31 March 1994 was 1.7 million head, 9.8 per cent higher than at 31 March 1993. The Kimberley Statistical Division had 29.0 per cent of the herd and the South West Statistical Division 23.6 per cent. The milk cattle herd, nearly all of which is located in the South West, numbered some 123,000 representing a 5.9 per cent increase over the 1993 herd size.

The sheep flock continued to decline. At 31 March 1994 it numbered 32.0 million, down by 3.1 per cent on 1993 and 6.2 per cent below the 1992 flock number. Breeding ewes at 31 March 1994 accounted for 45.1 per cent of the flock. At 31 March 1993 the proportion was 42.0 per cent. The number of breeding ewes increased 4.1 per cent from 13.8 million at 31 March 1993 to 14.4 million at 31 March 1994. Total wool production during 1993-94 was 176,390 tonnes, which was almost 4,000 tonnes (2.2 per cent) less than the 1992-93 production.

F. Farm Finances

Estimated turnover for Western Australian farm businesses for 1993-94 was \$3,180.9 million. This was an increase of 10.6 per cent on the previous year. The estimated cash operating surplus for farm businesses was \$720.3 million. In terms of total turnover, Western Australia's two main agricultural industries are grain farming and grain-sheep-beef farming. Together the two industries accounted for 61.4 per cent of overall farm business turnover in 1993-94. The sheep industry continued to decline with a 30.5 per cent decline in estimated aggregate turnover in 1993-94. Turnover in the beef cattle industry increased from \$116.4 million in 1992-93 to \$174.2 million in 1993-94.

TOTAL TURNOVER OF FARM BUSINESSES BY INDUSTRY



A. STRUCTURE OF AGRICULTURAL INDUSTRY

TABLE 1. NUMBER OF ESTABLISHMENTS BY TYPE, HAVING AN ESTIMATED VALUE OF AGRICULTURAL OPERATIONS (EVAO) \$5,000 AND OVER, AT 31 MARCH 1985 TO 1994

Year/Unit (a)	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994 (b)
Agricultural establishments	15,615	15,331	15,591	n.a.	15,335	n.a.	n.a.	14,391	14,528	14,206
Establishments with agricultural activity	15,865	15,557	15,993	n.a.	16,004	n.a.	n.a.	14,790	14,910	14,555

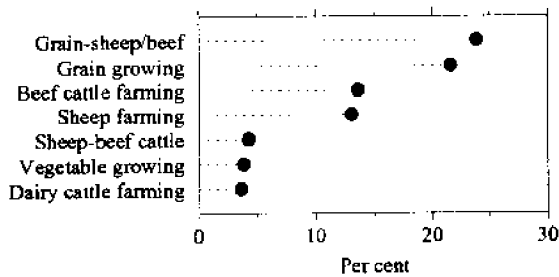
(a) See Explanatory Notes, paragraph 12. (b) Number of establishments with EVAO of \$5,000 or more at the time of selection in the Agricultural census

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

Year/Unit (a)	1992	1993	1994
Agricultural establishments	12,724	12,911	11,803
Establishments with agricultural activity	12,906	13,128	11,881

(a) See Explanatory Notes, paragraph 12

PERCENTAGES OF ESTABLISHMENTS BY INDUSTRY
WESTERN AUSTRALIA, AS AT 31 MARCH 1994



PERCENTAGE CHANGE IN THE NUMBER OF ESTABLISHMENTS
FROM 31 MARCH 1993 TO 31 MARCH 1994, WESTERN AUSTRALIA

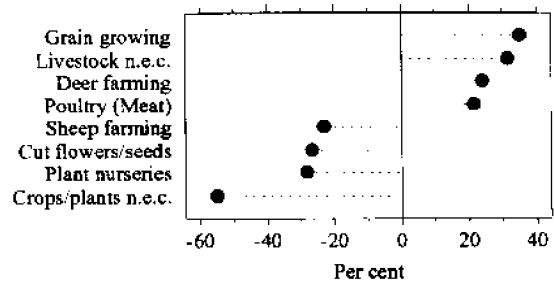


TABLE 3. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, BY INDUSTRY OF ESTABLISHMENT, HAVING EVAO \$5,000 AND OVER (a), AT 31 MARCH 1992 TO 1994

ANZSIC Code	Industry of Establishment Description	1992	1993	1994
0111	Plant nurseries	259	176	147
0112	Cut flower and flower seed growing	(b)	126	137
0113	Vegetable growing	618	597	563
0114	Grape growing	206	243	238
0115	Apple and pear growing	206	216	229
0116	Stone fruit growing	145	192	172
0117	Kiwi fruit growing	7	7	8
0119	Fruit growing n.e.c.	273	398	360
0121	Grain growing	1,420	2,337	3,154
0122	Grain-sheep/beef cattle farming	4,769	4,068	3,479
0123	Sheep-beef cattle farming	766	734	625
0124	Sheep farming	2,804	2,383	1,905
0125	Beef cattle farming	1,737	1,857	1,990
0130	Dairy cattle farming	513	528	528
0141	Poultry farming (meat)	50	52	65
0142	Poultry farming (eggs)	97	95	84
0151	Pig farming	152	142	158
0152	Horse farming	156	160	158
0153	Deer farming	39	40	47
0159	Livestock farming n.e.c.	83	92	113
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	91	85	46
	<i>Total (ANZSIC Code 01)</i>	<i>14,391</i>	<i>14,528</i>	<i>14,206</i>
02	Services to agriculture; hunting and trapping	27	13	12
03	Forestry and logging	3	1	2
04	Commercial fishing	3	4	5
	<i>Total (ANZSIC Division A)</i>	<i>14,424</i>	<i>14,546</i>	<i>14,225</i>
B	Mining	3	1	2
C	Manufacturing	30	29	24
D	Electricity, gas and water supply	—	—	—
E	Construction	13	10	15
F	Wholesale trade	9	10	12
G	Retail trade	7	3	10
H	Accommodation, cafes and restaurants	7	4	5
I	Transport and storage	20	12	16
J	Communication services	1	—	—
K	Finance and insurance	1	—	—
L	Property and business services	10	19	21
M	Government administration and defence	—	—	—
N	Education	13	15	15
O	Health and community services	2	—	1
P	Cultural and recreational services	3	1	1
Q	Personal and other services	7	8	5
	Unclassified	240	252	202
	Total, all industries	14,790	14,910	14,555

(a) Number of establishments with 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

<i>Industry of Establishment</i>				
<i>ANZSIC Code</i>	<i>Description</i>	<i>1992</i>	<i>1993</i>	<i>1994</i>
0111	Plant nurseries	206	162	103
0112	Cut flower and flower seed growing	(a)	116	72
0113	Vegetable growing	542	546	484
0114	Grape growing	145	186	142
0115	Apple and pear growing	177	197	204
0116	Stone fruit growing	103	150	106
0117	Kiwi fruit growing	5	5	6
0119	Fruit growing n.e.c.	215	343	234
0121	Grain growing	1,387	2,311	3,117
0122	Grain-sheep/beef cattle farming	4,724	4,008	3,408
0123	Sheep-beef cattle farming	657	633	475
0124	Sheep farming	2,470	2,025	1,398
0125	Beef cattle farming	1,084	1,175	1,022
0130	Dairy cattle farming	495	514	515
0141	Poultry farming (meat)	49	51	62
0142	Poultry farming (eggs)	93	90	81
0151	Pig farming	134	132	132
0152	Horse farming	85	101	85
0153	Deer farming	39	39	46
0159	Livestock farming n.e.c.	59	70	87
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	55	57	24
	<i>Total (ANZSIC Code 01)</i>	<i>12,724</i>	<i>12,911</i>	<i>11,803</i>
02	Services to agriculture; hunting and trapping	17	6	3
03	Forestry and logging	2	1	1
04	Commercial fishing	2	2	2
	<i>Total (ANZSIC Division A)</i>	<i>12,745</i>	<i>12,920</i>	<i>11,809</i>
B	Mining	2	1	1
C	Manufacturing	26	24	15
D	Electricity, gas and water supply	—	—	—
E	Construction	5	1	—
F	Wholesale trade	6	5	6
G	Retail trade	3	1	5
H	Accommodation, cafes and restaurants	3	1	1
I	Transport and storage	12	6	8
J	Communication services	—	—	—
K	Finance and insurance	1	—	—
L	Property and business services	7	18	17
M	Government administration and defence	—	—	—
N	Education	13	14	14
O	Health and community services	2	—	1
P	Cultural and recreational services	—	—	—
Q	Personal and other services	6	6	3
	Unclassified	75	131	—
	Total, all Industries	12,906	13,128	11,881

(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

Industry of establishments		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				
ANZSIC Code	Description															
0111	Plant nurseries	9	25	10	33	15	20	8	10	5	1	8	1	1	144	
0112	Cut flower and flower seed growing	23	34	8	21	8	10	10	3	8	7	5	7	5	137	
0113	Vegetable growing	6	43	30	67	34	77	39	79	46	87	55	87	55	563	
0114	Grape growing	22	35	39	57	23	21	14	13	7	5	2	5	2	238	
0115	Apple and pear growing	7	10	8	23	13	27	23	50	20	36	12	36	12	229	
0116	Stone fruit growing	12	34	20	38	7	23	17	10	5	5	1	5	1	172	
0117	Kiwi fruit growing	—	1	1	1	—	1	1	2	—	1	—	1	—	8	
0119	Fruit growing n.e.c.	50	46	30	30	13	22	20	39	42	57	11	360	11	360	
0121	Grain growing	7	21	9	44	34	85	81	227	304	1,496	847	1,496	847	3,155	
0122	Grain-sheep/beef cattle farming	10	26	35	107	71	261	334	716	562	1,186	171	1,186	171	3,479	
0123	Sheep-beef cattle farming	16	80	54	99	59	101	51	55	41	57	12	57	12	625	
0124	Sheep farming	115	256	136	264	131	263	193	220	144	171	12	171	12	1,905	
0125	Beef cattle farming	132	556	280	395	129	139	78	89	44	94	55	94	55	1,991	
0130	Dairy cattle farming	2	4	7	11	5	21	19	74	82	270	33	270	33	528	
0141	Poultry farming (meat)	1	2	—	2	1	3	2	13	12	23	6	23	6	65	
0142	Poultry farming (eggs)	—	3	—	2	2	5	4	12	7	35	14	35	14	84	
0151	Pig farming	4	14	8	9	5	18	7	21	15	37	20	37	20	158	
0152	Horse farming	13	32	28	29	7	19	9	12	4	5	—	5	—	158	
0153	Deer farming	—	—	1	4	6	6	3	8	5	8	6	8	6	47	
0159	Livestock farming n.e.c.	8	13	5	13	13	13	5	4	5	11	23	11	23	113	
0161	Sugar cane growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
0162	Cotton growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
0169	Crop and plant growing n.e.c.	16	6	—	7	2	2	1	3	2	2	4	2	4	45	
	Total (ANZSIC Code 01)	453	1,241	709	1,256	578	1,137	919	1,660	1,360	3,594	1,297	3,594	1,297	14,204	
02	Services to agriculture, hunting and trapping	6	2	1	1	—	—	1	1	—	—	—	—	—	12	
03	Forestry and logging	1	—	—	—	—	—	—	1	—	—	—	—	—	2	
04	Commercial fishing	—	2	1	1	—	1	—	—	—	—	—	—	—	5	
	Total (ANZSIC Division A)	460	1,245	711	1,258	578	1,138	920	1,662	1,360	3,594	1,297	3,594	1,297	14,223	

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

ANZSIC Code	Industry 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					
B	Mining	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	2
C	Manufacturing	5	3	2	—	—	—	—	—	—	—	—	—	—	—	—	25
D	Electricity, gas and water supply	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
E	Construction	3	9	3	—	—	—	—	—	—	—	—	—	—	—	—	15
F	Wholesale Trade	1	3	2	4	—	—	—	—	—	—	—	—	—	—	—	12
G	Retail trade	2	3	—	3	—	—	—	—	—	—	—	—	—	—	—	10
H	Accommodation, cafes and restaurants	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	5
I	Transport and storage	2	3	3	4	—	—	—	—	—	—	—	—	—	—	—	16
J	Communication services	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
K	Finance and insurance	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
L	Property and business services	2	1	1	1	—	—	—	—	—	—	—	—	—	—	—	21
M	Government administration and defence	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
N	Education	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
O	Health and community services	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
P	Cultural and recreational services	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Q	Personal and other services	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Unclassified	203	—	—	—	—	—	—	—	—	—	—	—	—	—	—	203
Total, all industries		679	1,271	726	1,279	579	1,147	928	1,675	1,366	3,607	1,298	14,555				

(a) See Explanatory Notes, paragraph 8.

TABLE 6. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY OF ESTABLISHMENT, 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	130	8	4	2	—	—	—	—	—	—	—	—	—	—	—	144
0112	Cut flower and flower seed growing	97	11	21	5	3	—	—	—	—	—	—	—	—	—	—	137
0113	Vegetable growing	348	61	129	20	5	—	—	—	—	—	—	—	—	—	—	563
0114	Grape growing	180	27	28	1	2	—	—	—	—	—	—	—	—	—	—	238
0115	Apple and pear growing	142	32	50	5	—	—	—	—	—	—	—	—	—	—	—	229
0116	Stone fruit growing	146	10	15	1	—	—	—	—	—	—	—	—	—	—	—	172
0117	Kiwi fruit growing	5	3	—	—	—	—	—	—	—	—	—	—	—	—	—	8
0119	Fruit growing n.e.c.	306	28	22	2	2	—	—	—	—	—	—	—	—	—	—	360
0121	Grain growing	5	12	138	274	1,345	1,022	324	31	3	—	—	—	—	—	—	3,155
0122	Grain-sheep/beef cattle farming	6	10	261	709	1,787	576	106	18	2	3	1	—	—	—	—	3,479
0123	Sheep-beef cattle farming	15	34	243	140	127	20	12	2	—	2	8	—	—	—	—	625
0124	Sheep farming	72	111	511	430	449	84	16	10	10	50	88	72	2	—	—	1,905
0125	Beef cattle farming	197	345	994	164	95	26	7	2	2	12	36	103	8	—	—	1,991
0130	Dairy cattle farming	20	31	397	62	16	2	—	—	—	—	—	—	—	—	—	528
0141	Poultry farming (meat)	59	3	3	—	—	—	—	—	—	—	—	—	—	—	—	65
0142	Poultry farming (eggs)	67	6	9	2	—	—	—	—	—	—	—	—	—	—	—	84
0151	Pig farming	38	27	43	28	18	2	1	1	—	—	—	—	—	—	—	158
0152	Horse farming	63	48	42	3	2	—	—	—	—	—	—	—	—	—	—	158
0153	Deer farming	17	4	21	3	2	—	—	—	—	—	—	—	—	—	—	47
0159	Livestock farming n.e.c.	69	5	20	8	5	4	1	—	—	—	—	—	—	—	—	113
0161	Sugar cane growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0162	Cotton growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0169	Crop and plant growing n.e.c.	16	9	8	4	7	1	—	—	—	—	—	—	—	—	—	45
	<i>Total (ANZSIC Code 01)</i>	1,998	825	2,959	1,863	3,865	1,737	467	64	17	68	133	196	12	—	—	14,204
02	Services to agriculture; hunting and trapping	3	1	6	1	—	—	—	—	—	—	—	—	—	—	—	12
03	Forestry and logging	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
04	Commercial fishing	1	—	2	—	2	—	—	—	—	—	—	—	—	—	—	5
	<i>Total (ANZSIC Division A)</i>	2,004	826	2,967	1,864	3,867	1,737	467	64	17	69	133	196	12	—	—	14,213

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

ANZSIC Code	Industry 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		
B	Mining	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	2
	Manufacturing	15	4	6	—	—	—	—	—	—	—	—	—	—	—	—	25
	Electricity, gas and water supply	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Construction	5	3	5	—	2	—	—	—	—	—	—	—	—	—	—	15
F	Wholesale Trade	9	—	3	—	—	—	—	—	—	—	—	—	—	—	—	12
G	Retail trade	9	—	1	—	—	—	—	—	—	—	—	—	—	—	—	10
H	Accommodation, cafes and restaurants	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	5
	Transport and storage	3	3	7	2	1	—	—	—	—	—	—	—	—	—	—	16
	Communication services	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
K	Finance and insurance	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
L	Property and business services	1	4	5	6	3	2	—	—	—	—	—	—	—	—	—	21
M	Government administration and defence	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
N	Education	1	1	5	2	3	2	1	—	—	—	—	—	—	—	—	15
O	Health and community services	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1
P	Cultural and recreational services	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Q	Personal and other services	—	—	2	—	2	—	—	—	—	—	—	—	—	—	—	5
	Unclassified	93	32	41	9	17	4	1	1	1	2	2	199	135	70	2	203
	Total, all industries	2,145	873	3,044	1,883	3,897	1,745	468	66	18	70	135	199	12	14,555		

(a) See Explanatory Notes, paragraph 8

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

1993 ANZSIC		1994 ANZSIC Code														
Code	Description	0111	0112	0113	0114	0115	0116	0117	0119	0121	0122	0123	0124	0125	0130	0141
0111	Plant nurseries (a)	100	6	1	3	—	—	—	—	2	—	—	1	1	1	—
0112	Cut flower and flower seed growing	7	88	—	1	—	1	—	—	—	—	1	1	1	—	—
0113	Vegetable growing	1	5	560	11	3	7	—	9	8	3	2	9	15	5	—
0114	Grape growing	4	—	4	1,280	2	21	—	15	1	—	1	5	3	4	—
0115	Apple and pear growing	—	2	—	5	124	16	—	6	—	—	—	1	3	1	—
0116	Stone fruit growing	2	3	5	85	17	311	—	31	—	—	—	3	—	—	—
0117	Kiwi fruit growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0119	Fruit growing n.e.c.	—	—	4	45	4	5	—	722	1	—	—	1	1	1	—
0121	Grain growing	2	—	3	8	—	1	—	2	2,438	445	13	74	22	3	—
0122	Grain-sheep/beef cattle farming	—	—	1	2	—	—	—	—	604	2,569	39	196	30	4	—
0123	Sheep-beef cattle farming	1	—	3	—	1	—	—	—	5	27	932	75	88	6	—
0124	Sheep farming	2	1	6	8	2	—	—	4	47	174	122	1,423	21	15	1
0125	Beef cattle farming	—	5	3	3	—	1	—	1	9	18	37	11	893	19	—
0130	Dairy cattle farming	2	—	5	2	—	2	—	1	8	2	9	6	29	809	—
0141	Poultry farming (meat)	—	—	2	—	—	—	—	1	—	—	—	1	1	1	65
0142	Poultry farming (eggs)	—	—	—	—	—	—	—	—	1	—	—	—	2	—	5
0151	Pig farming	—	—	—	2	—	—	—	2	28	1	1	3	3	2	—
0152	Horse farming	1	1	—	—	—	1	—	1	2	—	1	4	12	4	—
0153	Deer farming	—	—	1	—	—	—	—	—	1	—	—	—	2	—	—
0159	Livestock farming n.e.c.	1	—	—	—	—	1	—	1	2	2	1	4	2	—	—
0161	Sugar cane growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0162	Cotton growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0169	Crop and plant growing n.e.c.	—	—	2	1	—	—	—	—	33	10	—	10	7	5	—
<i>Total (ANZSIC Code 01)</i>		123	111	601	1,456	155	367	—	796	3,190	3,251	1,159	1,828	1,136	880	71
02	Services to agriculture; hunting and trapping	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
03	Forestry and logging	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
04	Commercial fishing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Total (ANZSIC Division A)</i>		123	111	601	1,457	154	367	—	796	3,191	3,251	1,159	1,832	1,137	880	71
Other industries		—	—	5	7	1	1	—	1	3	2	3	6	8	1	1
Unclassified(b)		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total, all industries		123	111	606	1,468	158	368	—	797	3,195	3,253	1,162	1,838	1,145	881	72

(a) Cut flower and flower seed growing not available separately in 1991-92, included with plant nurseries. (b) Comprises establishments included in the 1993 Agricultural Census, but not in the 1992 Census. (c) Comprises establishments included in the 1992 Agricultural Census but not in the 1993 Census.

TABLE 7. NUMBER OF ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, CHANGING FROM OR REMAINING IN THE SAME INDUSTRY CLASSIFICATIONS, AT 31 MARCH 1993 TO 1994 - *continued*

1993 ANZSIC Code	Industry of establishments Description	1994 ANZSIC Code											Total ANZSIC (Divisional)	Other Industries	Unclassified (c)				
		0142	0151	0152	0153	0159	0161	0162	0169	Total ANZSIC (Code 01)	02	03				04			
0111	Plant nurseries(a)	—	—	—	—	—	—	—	—	—	—	—	—	115	—	—	—	1	7
0112	Cut flower and flower seed growing	—	—	—	—	—	—	—	—	—	—	—	—	100	—	—	—	—	4
0113	Vegetable growing	—	—	2	—	1	—	—	—	—	—	—	2	1,341	—	—	—	—	29
0114	Grape growing	—	—	—	—	1	—	—	—	—	—	—	—	1,341	—	—	—	—	31
0115	Apple and pear growing	—	—	—	—	—	—	—	—	—	—	—	—	258	—	—	—	—	3
0116	Stone fruit growing	—	—	—	—	—	—	—	—	—	—	—	—	457	—	—	—	—	8
0117	Kiwi fruit growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0119	Fruit growing n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—	784	—	—	—	—	12
0121	Grain growing	3	13	3	1	11	—	—	—	—	—	—	9	3,051	—	—	—	—	44
0122	Grain-sheep-beef cattle farming	—	5	2	—	6	—	—	—	—	—	—	6	3,464	—	—	—	—	22
0123	Sheep-beef cattle farming	—	1	—	1	1	—	—	—	—	—	—	1	1,142	—	—	—	—	7
0124	Sheep farming	—	2	2	1	4	—	—	—	—	—	—	18	1,853	—	—	—	—	47
0125	Beef cattle farming	1	2	7	2	5	—	—	—	—	—	—	7	1,024	—	—	—	—	10
0130	Dairy cattle farming	—	1	1	2	2	—	—	—	—	—	—	—	881	—	—	—	—	5
0141	Poultry farming (meat)	2	—	—	1	1	—	—	—	—	—	—	—	75	—	—	—	—	13
0142	Poultry farming (eggs)	48	—	—	—	—	—	—	—	—	—	—	—	56	—	—	—	—	—
0151	Pig farming	1	190	1	2	—	—	—	—	—	—	—	—	236	—	—	—	—	7
0152	Horse farming	—	1	128	—	4	—	—	—	—	—	—	—	162	—	—	—	—	9
0153	Deer farming	—	1	—	44	1	—	—	—	—	—	—	—	50	—	—	—	—	—
0159	Livestock farming n.e.c.	—	—	—	—	131	—	—	—	—	—	—	—	145	—	—	—	—	—
0161	Sugar cane growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0162	Cotton growing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0169	Crop and plant growing n.e.c.	—	3	2	—	1	—	—	—	—	—	—	56	130	—	—	—	—	2
	<i>Total (ANZSIC Code 01)</i>	55	219	148	54	169	—	—	—	—	—	100	15,867	15,876	7	1	1	14	265
02	Services to agriculture, hunting and trapping	—	—	—	—	—	—	—	—	—	—	—	—	8	—	—	—	—	—
03	Forestry and logging	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
04	Commercial fishing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—
	<i>Total (ANZSIC Division A)</i>	55	219	148	54	169	—	—	—	—	—	100	15,875	15,899	19	1	4	14	265
	Other industries	—	—	1	1	—	—	—	—	—	—	—	—	41	—	—	—	—	3
	Unclassified(b)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Total, all industries	55	219	149	55	169	—	—	—	—	—	100	15,924	15,949	20	1	4	128	268

(a) Cut flower and flower seed growing not available separately in 1991-92 included with plant nurseries. (b) Comprises establishments included in the 1993 Agricultural Census, but not in the 1992 Census. (c) Comprises establishments included in the 1992 Agricultural Census but not in the 1993 Census.

B. LAND MANAGEMENT AND FARM INPUTS

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

	1994											Western Australia					
	Perth	South West		Lower Great Southern		Upper Great Southern		Midlands		South Eastern		Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994
		Southern	Western	Southern	Northern	Southern	Northern	Eastern	Western								
Area of crops (b) -	7.5	46.4	641.1	1,166.6	2,640.9	467.7	1,124.1	1,124.1	—	6.1	5,215.8	5,667.9	6,100.2				
Area of sown pastures and grasses -	41.5	575.0	1,667.4	1,521.1	1,760.5	958.4	749.4	749.4	—	39.4	8,410.0	7,409.1	7,312.8				
Total area of establishments with agricultural activity -	95.6	952.7	2,884.4	3,388.9	7,119.5	17,267.4	42,606.8	42,606.8	14,990.5	25,138.3	115,669.0	110,587.2	114,444.1				
Area of non-agricultural land (c)	450.1	1,731.5	1,014.8	1,257.0	3,985.8	44,054.8	33,931.3	33,931.3	35,954.5	16,964.3	138,119.3	143,201.1	139,344.1				
Total area (agricultural and non-agricultural)	545.7	2,684.2	3,899.2	4,645.9	11,105.3	61,322.2	76,538.1	76,538.1	50,945.0	42,102.7	253,788.3	253,788.3	253,788.3				

(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											Western Australia					
	Perth	South West		Lower Great Southern		Upper Great Southern		Midlands		South Eastern		Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994
		Southern	Western	Southern	Northern	Southern	Northern	Eastern	Western								
Area fertilised '000 ha	39.9	494.3	1,139.4	1,486.9	2,657.0	675.0	1,057.3	1,057.3	—	7.3	7,284.3	7,445.5	7,557.1				
Quantity used '000 t	12.2	108.4	133.4	160.5	262.3	68.5	117.3	117.3	—	3.5	766.9	797.2	866.1				
Application rate t/ha	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	—	0.5	0.1	0.1	0.1				
Area of soil conditioners '000 ha	1.1	23.8	54.3	27.2	53.3	13.5	14.8	14.8	—	0.1	262.6	151.7	188.0				
Quantity used '000 t	3.1	31.2	39.6	33.2	53.6	20.4	13.6	13.6	—	0.1	n.c.	154.5	194.7				
Application rate t/ha	2.8	1.3	0.7	1.2	1.0	1.5	0.9	0.9	—	1.0	n.c.	1.0	1.0				

(a) See Explanatory Notes, paragraph 3.

TABLE 10. TILLAGE METHODS, YEAR ENDED 31 MARCH 1994

Unit	Perth		South West		Lower Great Southern		Upper Great Southern		Midlands		South Eastern		Pilbara		Kimberley		Western Australia	
	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha
Conventional tillage (a)	4,215	27,168	181,275	440,926	904,191	137,641	379,611	—	4,045	2,079,071	—	—	—	—	—	—	—	—
Minimum/reduced Tillage (b)	926	20,041	283,045	471,660	969,174	181,874	287,826	—	855	2,215,401	—	—	—	—	—	—	—	—
No tillage (c)	348	4,382	97,903	163,648	504,618	65,712	255,458	—	101	1,092,170	—	—	—	—	—	—	—	—

(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 11. ORGANIC FARMING, AT 31 MARCH 1994

Unit	Perth		South West		Lower Great Southern		Upper Great Southern		Midlands		South Eastern		Pilbara		Kimberley		Western Australia	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Farmers who believed there was enough information on organic farming	33.9	34.9	31.5	31.6	31.8	36.6	33.4	36.4	31.3	32.9	—	—	—	—	—	—	—	—
Certified Producers (a)	7	13	15	7	14	1	11	—	—	—	—	—	—	—	—	—	—	—
Farmers seeking certification (b)	3	25	17	15	12	4	6	—	—	—	—	—	—	—	—	—	—	—

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

TABLE 12. RIVER/CREEK FRONTAGE ON AGRICULTURAL ESTABLISHMENTS, AT 31 MARCH 1994

Unit	Perth	South West	Lower Great Southern	Upper Great Southern	Midlands	South Eastern	Central	Pilbara	Kimberley	Western Australia
River/creek frontage	266	3,284	4,833	3,531	3,603	772	5,997	5,565	2,137	29,988
Protected river/creek frontage (a)	79	1,446	1,741	613	637	431	435	238	225	5,845

(a) Frontage protected from grazing animals

TABLE 13. AREA OF NATIVE VEGETATION ON AGRICULTURAL ESTABLISHMENTS, AT 31 MARCH 1994
('000 HECTARES)

Unit	Perth	South West	Lower Great Southern	Upper Great Southern	Midlands	South Eastern	Central	Pilbara	Kimberley	Western Australia
Native Vegetation	7.0	24.3	106.8	78.5	165.8	212.6	615.9	154.2	96.5	1,461.6

C. CROPS AND PASTURES

TABLE 14. PRODUCTION, AREA AND YIELD OF PRINCIPAL CROPS AND PASTURES, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994

Unit	Western Australia												
	Perth	South West	Lower Great Southern	Upper Great Southern	Midlands	South Eastern	Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994 (a)	1994
Cereals for grain -													
Barley													
Production		18.4	358.5	285.9	201.9	375.7	140.9			899.6	1,060.9	1,380.2	1,381.4
Area		7.4	221.6	154.5	118.0	222.3	75.5			554.5	611.1	798.4	799.3
Yield		2.5	1.6	1.9	1.7	1.7	1.9			1.6	1.7	1.7	1.7
Gram Sorghum													
Production									1.5	0.5	1.6	1.5	1.5
Area									0.5	0.2	0.4	0.5	0.5
Yield									3.3	2.7	3.6	3.3	3.3
Maize													
Production									14.6	4.9	12.9	14.6	14.6
Area									1.6	0.8	1.7	1.6	1.6
Yield									8.9	6.3	7.7	8.9	8.9
Oats													
Production	1.0	26.7	119.8	244.3	91.2	12.8	15.4			614.3	577.9	507.4	511.1
Area	0.4	11.4	61.8	113.5	59.3	9.2	12.9			367.2	331.6	266.1	268.
Yield	2.6	2.3	1.9	2.2	1.5	1.4	1.2			1.7	1.7	1.9	1.9
Triticale													
Production			0.5	2.0	17.2		2.3			16.7	17.8	22.0	22.0
Area			0.4	1.5	16.0		1.6			18.1	16.3	19.4	19.5
Yield			1.4	1.4	1.1	1.0	1.4			0.9	1.1	1.1	1.1
Wheat													
Production	0.6	2.1	377.8	1,266.7	3,415.5	288.0	1,338.6			4,736.0	5,978.9	6,687.4	6,689.3
Area	0.3	1.1	226.4	727.3	1,974.3	176.0	747.0			3,229.9	3,669.3	3,851.0	3,852.4
Yield	1.7	2.0	1.7	1.7	1.7	1.6	1.8			1.5	1.6	1.7	1.7
Total cereals for grain													
Production	1.6	47.6	856.6	1,799.0	3,727.3	676.6	1,497.4		16.2	6,276.2	7,653.0	8,615.4	8,622.2
Area	0.7	20.1	510.2	996.9	2,169.5	407.6	837.2		2.1	4,175.5	4,634.0	4,939.7	4,944.3
Yield	2.2	2.4	1.7	1.8	1.7	1.7	1.8		7.6	1.5	1.7	1.7	1.7
Legumes -													
Lupins for grain													
Production		4.3	88.9	149.5	515.5	51.8	371.1			873.8	826.5	1,180.6	1,181.1
Area		2.9	84.0	129.7	403.9	42.9	265.2			786.6	822.8	928.1	928.7
Yield	1.1	1.5	1.1	1.2	1.3	1.2	1.4			1.1	1.0	1.3	1.3
Field peas (excl. blue) for grain													
Production			1.0	5.7	14.6	6.5	3.0			27.2	22.2	30.8	30.8
Area			1.2	6.4	17.5	5.6	3.0			45.1	32.4	33.7	33.7
Yield			0.9	0.9	0.8	1.2	1.0			0.6	0.7	0.9	0.9

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

TABLE 14. PRODUCTION, AREA AND YIELD OF PRINCIPAL CROPS AND PASTURES, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994 - continued

	Unit	1994																			
		Perth		South West		Lower Great Southern		Upper Great Southern		Midlands		South Eastern		Kimberley		1992 (a)		1993 (a)		1994 (a)	
Total legumes for grain																					
Production	'000 t	—	4.4	91.9	155.6	532.1	58.9	377.1	—	—	—	—	—	—	—	902.3	851.6	1,220.6	1,221.1		
Area	'000 ha	—	3.0	86.7	136.5	423.8	48.9	270.1	—	—	—	—	—	—	—	832.2	856.9	968.9	969.5		
Yield	t/ha	—	1.5	1.1	1.1	1.3	1.2	1.4	—	—	—	—	—	—	—	1.1	1.0	1.3	1.3		
Crops for hay -																					
Oats																					
Production	'000 t	3.4	31.2	50.4	85.6	123.6	17.7	33.1	—	—	—	—	—	—	—	416.2	357.6	335.1	345.5		
Area	'000 ha	0.8	6.5	11.6	18.1	26.9	4.6	9.1	—	—	—	—	—	—	—	105.7	83.8	75.1	77.7		
Yield	t/ha	4.4	4.8	4.4	4.7	4.6	3.9	3.7	—	—	—	—	—	—	—	3.9	4.3	4.5	4.4		
Cereal crops excl oats, for hay																					
Production	'000 t	0.1	2.0	5.2	6.5	19.3	3.3	3.4	—	—	—	—	—	—	—	60.1	36.2	38.5	39.7		
Area	'000 ha	—	0.5	1.3	1.6	5.3	0.7	0.6	—	—	—	—	—	—	—	16.8	9.6	9.8	10.1		
Yield	t/ha	4.6	3.8	3.9	4.0	3.7	4.5	5.3	—	—	—	—	—	—	—	3.6	3.8	3.9	3.9		
Cereal crops for hay - total																					
Production	'000 t	3.5	33.3	55.6	92.1	142.9	21.0	36.4	—	—	—	—	—	—	—	476.3	393.8	373.5	385.2		
Area	'000 ha	0.8	7.0	12.9	19.7	32.2	5.3	9.7	—	—	—	—	—	—	—	122.5	93.4	84.9	87.8		
Yield	t/ha	4.4	4.8	4.3	4.7	4.4	4.0	3.8	—	—	—	—	—	—	—	3.9	4.2	4.4	4.4		
Crops for hay - total																					
Production	'000 t	3.8	35.5	56.7	92.5	143.8	21.3	36.5	—	—	—	—	—	—	—	478.0	789.5	378.8	391.1		
Area	'000 ha	0.9	7.4	13.5	19.9	32.4	5.5	9.8	—	—	—	—	—	—	—	122.9	187.4	86.5	89.6		
Yield	t/ha	4.2	4.8	4.2	4.7	4.4	3.9	3.7	—	—	—	—	—	—	—	3.9	4.2	4.4	4.4		
Oilseeds -																					
Canola																					
Production	'000 t	0.3	5.7	26.7	6.8	3.7	4.0	0.1	—	—	—	—	—	—	—	15.4	11.5	47.3	47.3		
Area	'000 ha	0.2	3.2	21.1	4.9	2.9	3.4	0.1	—	—	—	—	—	—	—	16.7	11.6	35.8	35.8		
Yield	t/ha	2.0	1.8	1.3	1.4	1.3	1.2	0.7	—	—	—	—	—	—	—	0.9	1.0	1.3	1.3		
Total Oilseeds																					
Production	'000 t	0.3	5.7	27.2	7.0	3.7	4.0	0.1	—	—	—	—	—	—	—	15.6	11.6	48.0	48.0		
Area	'000 ha	0.2	3.3	21.6	5.1	2.9	3.4	0.1	—	—	—	—	—	—	—	16.9	11.7	36.6	36.6		
Yield	t/ha	2.0	1.8	1.3	1.4	1.3	1.2	0.7	—	—	—	—	—	—	—	0.9	1.0	1.3	1.3		
Other crops -																					
Cow and field peas for grain																					
Production	'000 t	—	—	1.0	5.7	14.6	6.5	3.0	—	—	—	—	—	—	—	27.2	22.2	30.8	30.8		
Area	'000 ha	—	—	1.2	6.4	17.5	5.6	3.0	—	—	—	—	—	—	—	45.1	32.4	33.7	33.7		
Yield	t/ha	—	—	0.9	0.9	0.8	1.2	1.0	—	—	—	—	—	—	—	0.6	0.7	0.9	0.9		

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

TABLE 15. PRODUCTION AND AREA OF PASTURES AND GRASSES, YEARS ENDED 31 MARCH 1992 TO 1994

Unit	1994												
	Western Australia					South							
	Perth	South West	Lower Great Southern	Upper Great Southern	Midlands	Eastern	Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994	
Cut for hay -													
Production	17.2	283.7	77.0	7.9	20.8	14.1	4.7	—	1.9	422.8	368.3	427.4	
Area	4.7	70.4	21.4	2.0	6.0	4.4	1.6	—	0.3	116.3	104.4	110.9	
Yield	3.6	4.0	3.6	3.9	3.5	3.2	2.9	—	7.3	3.6	3.5	3.9	
Harvested for seed -													
Production	0.3	44.8	420.9	797.0	421.9	899.3	190.0	—	7.0	1,828.6	2,840.9	2,781.3	
Area	0.1	1.0	1.6	2.7	2.5	4.9	0.7	—	0.2	10.3	13.2	13.5	
Yield	3.7	46.8	255.2	300.8	171.9	184.0	277.8	—	41.2	176.8	214.8	205.6	
Cut for green feed or silage -													
Area	0.4	9.6	2.9	0.5	1.2	0.7	0.2	—	—	11.8	11.6	15.4	
Silage made (b)	2.6	84.6	25.7	2.6	10.1	4.0	9.8	—	—	92.7	115.2	139.4	

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

TABLE 16. GROSS VALUE OF PRINCIPAL CROPS AND PASTURES, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994 (\$ '000)

	1994											
	Western Australia					South						
	Perth	South West	Lower Great Southern	Upper Great Southern	Midlands	Eastern	Central	Pilbara	Kimberley	1992	1993	1994
Cereals -												
Barley	—	2,294.2	44,705.8	35,659.1	25,178.5	46,859.7	17,575.8	—	0.2	133,425.8	168,504.7	172,268.4
Grain sorghum	—	—	—	—	—	—	—	—	225.9	83.3	308.2	225.9
Maize	—	—	—	—	—	—	—	—	2,249.9	1,146.3	2,724.1	2,249.9
Oats	88.4	2,352.1	10,571.6	21,556.7	8,049.3	1,129.6	1,357.3	—	—	61,053.0	73,186.1	45,105.0
Triticale	—	—	56.1	214.6	1,831.6	2.1	244.1	—	—	2,181.1	2,365.1	2,348.7
Wheat	97.2	361.7	65,333.8	219,081.3	590,714.0	49,815.1	231,517.5	—	—	951,665.3	1,085,144.2	1,156,897.7
Legumes -												
Lupins	4.6	768.6	15,739.0	26,465.6	91,263.8	9,165.4	65,694.0	—	—	148,284.5	163,029.6	209,102.3
Field Peas	—	—	221.2	1,202.0	3,097.9	1,375.1	631.6	—	—	6,139.5	5,255.1	6,527.9
Crops for Hay												
Oats	458.5	4,213.3	6,805.2	11,550.0	16,678.0	2,388.9	4,464.3	—	—	41,504.2	37,389.7	46,625.4
Other	6.3	170.5	434.9	543.9	1,624.9	274.8	282.2	—	—	6,006.3	3,608.5	3,337.6
Oilseeds -												
Canola	101.9	1,942.6	9,070.6	2,301.4	1,269.9	1,355.4	22.0	—	—	4,720.8	3,939.9	16,064.1

D. HORTICULTURE

TABLE 17. PRODUCTION, NUMBER OF TREES (a) AND YIELD FOR SELECTED FRUITS, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994

Unit	1994												
	Perth	South West	Lower Great Southern	Upper Great Southern	Midlands	South Eastern	Central	Pilbara	Kimberley	1993 (b)	1994 (b)	1994	
Western Australia													
Citrus -													
Oranges													
Production	1,012.4	1,654.6	0.4	—	2,894.9	—	732.4	—	—	5,304.5	6,518.7	5,803.2	6,294.7
Trees	22.5	49.1	—	—	95.7	—	8.6	—	—	101.9	151.5	158.0	175.9
Yield	45.0	33.7	52.2	—	30.3	—	85.1	—	—	52.1	43.0	36.7	35.8
Lemons and limes													
Production	1,206.1	23.6	0.3	—	5.2	—	2.2	—	2.5	1,125.0	1,190.6	1,160.9	1,239.9
Trees	14.6	0.5	—	—	0.2	—	0.1	—	0.1	14.2	14.0	13.2	15.4
Yield	82.8	45.9	29.8	—	31.7	—	32.2	—	37.4	79.1	85.0	87.8	80.6
Mandarins													
Production	568.3	444.7	—	—	479.0	—	32.5	—	—	55.1	1,347.5	1,343.4	1,524.5
Trees	21.8	9.3	—	—	16.2	—	0.6	—	—	1,314.6	36.0	39.4	47.9
Yield	26.0	47.9	—	—	29.6	—	54.2	—	—	—	37.4	34.1	31.8
Pome -													
Apples													
Production	8,381.0	35,943.2	130.4	—	124.5	—	—	—	—	37,418.2	36,550.6	44,378.3	44,579.2
Trees	97.5	391.7	7.6	—	0.4	—	—	—	—	416.2	398.2	491.8	497.1
Yield	86.0	91.8	17.2	—	336.4	—	—	—	—	89.9	91.8	90.2	89.7
Pears (excl. nashi)													
Production	2,619.8	5,961.9	1.8	—	2.1	—	—	—	—	8,276.7	8,089.2	8,548.1	8,585.6
Trees	31.9	71.4	0.5	—	—	—	—	—	—	88.2	92.6	102.8	103.9
Yield	82.0	83.4	3.9	—	71.7	—	—	—	—	93.8	87.3	83.1	82.6
Nashi													
Production	14.8	267.2	—	—	—	—	—	—	—	122.7	221.8	279.9	282.0
Trees	0.8	12.5	—	—	—	—	—	—	—	4.6	5.5	13.0	13.4
Yield	17.7	21.3	—	—	—	—	—	—	—	26.9	40.2	21.6	21.1
Stone -													
Mangos													
Production	0.2	—	—	—	6.4	—	517.3	—	282.9	568.3	566.1	725.2	806.7
Trees	0.7	—	—	—	0.8	—	9.1	—	7.0	8.9	13.6	14.6	17.6
Yield	0.2	—	—	—	8.3	—	56.6	—	40.5	64.0	41.7	49.7	45.8
Nectarines													
Production	614.8	1,306.7	0.8	—	53.0	—	26.9	—	—	2,333.0	2,225.5	1,930.6	2,002.2
Trees	23.5	36.2	0.3	—	2.0	—	0.1	—	—	63.9	67.4	57.9	62.0
Yield	26.2	36.1	2.6	—	26.5	—	264.0	—	—	36.5	33.0	33.3	32.3
Peaches													
Production	1,358.5	696.8	2.9	—	111.8	—	68.7	—	—	2,507.4	2,145.3	2,156.5	2,238.7
Trees	39.2	30.1	0.5	—	2.4	—	0.2	—	—	63.6	68.3	67.1	72.4
Yield	34.7	23.2	5.4	—	46.3	—	371.1	—	—	39.4	31.4	32.2	30.9

(a) Trees six years and over only. (b) Figures have been calculated on the basis of EVAO \$22,500 and over. See Explanatory Notes, paragraph 4.

TABLE 17. PRODUCTION, NUMBER OF TREES (a) AND YIELD FOR SELECTED FRUITS, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994 - continued

Unit	1994										Western Australia				
	Perth	South West	Lower Great Southern		Upper Great Southern	Midlands	South Eastern		Central	Pilbara	Kimberley	1993 (b)		1994 (b)	
			1992	1993			1992	1993				1994	1994		
Plums and prunes															
Production	2,182.7	1,211.2	1.9			17.6			0.5			3,493.9	3,562.7	3,273.6	3,413.8
Trees	59.8	55.7	0.4			1.3						73.9	91.9	111.1	117.1
Yield	36.5	21.8	5.2			13.4			460.0			47.3	38.7	29.5	29.2
Other orchard, n.e.i.-															
Avocados															
Production	500.8	125.4	0.7			179.1			53.4			460.2	928.7	845.2	859.3
Trees	17.0	2.3	0.1			9.1			1.4			25.1	29.6	28.6	29.8
Yield	29.5	54.6	12.0			19.6			39.1			18.4	31.3	29.5	28.8
Nuts-															
Chuschnuts															
Production	2.5	19.1	2.0									22.5	22.3	20.6	23.7
Trees	0.4	2.6	0.2									2.1	2.8	2.7	3.2
Yield	7.2	7.4	10.0									10.5	8.1	7.6	7.5
Pecans															
Production	0.9	15.7				0.3						10.1	19.4	12.2	17.4
Trees	0.2	3.3				0.3						2.0	2.9	2.2	3.9
Yield	4.5	4.7				1.0						5.0	6.8	5.7	4.5
Walnuts															
Production	0.3	5.4										2.4	4.9	5.5	5.7
Trees	0.1	1.1										0.4	0.5	0.9	1.2
Yield	3.2	4.9										5.9	9.2	6.4	4.7

(a) Trees six years and over only. (b) Figures have been calculated on the basis of EVAO \$22,500 and over. See Explanatory Notes, paragraph 4.

TABLE 18. PRODUCTION, AREA AND YIELD OF BERRY AND TROPICAL, YEARS ENDED 31 MARCH 1992 TO 1994

Unit	1994										Western Australia			
	Perth	South West	Lower Great		Upper Great		Midlands	South Eastern	Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994
			Southern	Southern	Southern	Southern								
Strawberries														
Production	1,890,168.0	100,250.0	291,150.0	—	—	—	—	6,183.0	—	—	2,257,146.0	1,716,476.0	2,287,751.0	
Area (b)	96.9	12.1	12.1	—	—	—	—	0.5	—	—	71.6	101.6	121.6	
Yield	19,506.4	8,285.1	24,062.0	—	—	—	—	12,366.0	—	—	31,524.4	16,894.4	18,813.7	
Berry and small fruit n.e.c.														
Production	—	2,360.0	1,084.0	—	—	—	—	—	—	—	27,664.0	1,251.0	3,444.0	
Area (b)	—	3.0	0.2	—	—	4.0	—	—	—	—	6.2	2.1	7.2	
Bananas														
Production	—	—	—	—	—	—	—	13,879.2	—	4,723.4	16,235.6	18,094.4	18,602.6	
Area (b)	—	—	—	—	—	—	—	427.6	—	117.8	407.7	438.3	545.4	
Yield	—	—	—	—	—	—	—	32.5	—	40.1	39.8	41.3	34.1	
Kiwifruit														
Production	59,590.0	232,200.0	10,600.0	—	—	—	—	—	—	—	192,870.0	205,443.0	302,390.0	
Area (b)	11.9	19.2	2.1	—	—	—	—	—	—	—	20.4	30.7	33.2	
Yield	5,007.6	12,093.8	5,047.6	—	—	—	—	—	—	—	9,454.4	6,692.0	9,108.1	
Papayas														
Production	—	10,000.0	—	—	—	—	—	137,999.0	—	30,224.0	n.c.	151,903.0	178,223.0	
Area (b)	—	1.5	—	—	—	—	—	6.1	—	1.3	n.c.	6.9	8.9	
Yield	—	6,666.7	—	—	—	—	—	22,622.8	—	23,249.2	n.c.	22,014.9	20,025.1	
Passionfruit														
Production	500.0	9,447.0	2,200.0	1,000.0	—	1,850.0	—	—	—	—	3,300.0	11,940.0	14,997.0	
Area (b)	0.2	4.8	0.3	0.5	—	0.3	—	—	—	—	3.0	7.1	6.1	
Yield	2,500.0	1,968.1	7,333.3	2,000.0	—	6,166.7	—	—	—	—	1,100.0	1,681.7	2,458.5	
Tropical fruit n.e.c.														
Production	2,314.0	—	2,000.0	—	—	—	—	2,980.0	—	—	93,595.0	18,630.0	7,294.0	
Area (b)	0.5	—	1.5	—	—	—	—	0.5	—	0.1	6.3	4.3	2.6	

(a) See Explanatory Notes, paragraph 3 (b) Bearing area only

TABLE 19. 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)					
Perth	727.7	31.3	19.1	778.1	2,815.6	526.2	2,242.6	5,584.4	7.7
South West	904.5	62.5	66.8	1,033.8	5,724.8	--	118.3	5,843.1	6.5
Lower Great Southern	456.6	39.1	11.7	507.4	2,775.1	--	1.0	2,776.1	6.1
Upper Great Southern	16.0	6.0	--	22.0	55.0	--	--	55.0	3.4
Midlands	317.4	21.8	7.1	346.3	1,581.7	734.8	89.2	2,405.7	7.6
South Eastern	2.0	2.2	1.3	5.5	6.2	--	--	6.2	3.1
Central	10.9	3.8	4.9	19.6	0.5	--	110.2	110.7	10.2
Pilbara	--	--	--	--	--	--	--	--	--
Kimberley	--	--	--	--	--	--	--	--	--
Western Australia 1992 (b)	1,918.7	180.6	99.7	2,199.0	9,762.6	839.1	1,965.1	12,566.8	6.5
Western Australia 1993 (b)	2,260.9	172.1	82.3	2,515.3	10,162.6	1,346.6	2,233.6	13,742.8	5.5
Western Australia 1994	2,435.1	166.7	110.9	2,712.7	12,958.9	1,261.0	2,561.3	16,781.2	6.9

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

	1994										Western Australia		
	Perth	South West	Lower Great Southern	Upper Great Southern	Midlands	South Eastern	Central	Pilbara	Kimberley	1992	1993	1994	
Citrus -													
Oranges	447.0	698.2	0.2	—	1,266.7	—	320.5	—	—	2,048.3	2,031.0	2,732.6	
Lemons and Limes	796.7	15.6	0.2	—	3.4	—	1.5	—	1.7	867.6	920.4	819.1	
Mandarin	763.9	597.8	—	—	643.9	—	43.7	—	—	2,223.9	1,239.0	2,049.4	
Pome -													
Apples	6,042.7	25,915.0	94.0	—	89.7	—	0.1	—	—	20,033.6	18,083.2	32,141.6	
Pears (incl. Nashi)	1,806.2	4,430.3	1.2	—	1.4	—	—	—	—	5,248.7	5,772.4	6,239.2	
Stone													
Apricots	307.7	226.2	4.1	0.7	35.8	—	0.6	—	—	874.4	1,076.7	575.1	
Cherries	0.1	580.0	140.8	—	—	—	—	—	—	294.7	558.1	836.9	
Nectarines	1,305.1	2,773.9	1.7	—	112.4	—	57.2	—	—	2,451.7	2,884.7	4,250.4	
Peaches	1,687.0	865.3	3.6	—	138.8	—	85.3	—	—	4,345.7	4,040.7	2,780.0	
Plums and prunes	2,488.3	1,380.7	2.1	—	20.1	—	0.5	—	—	4,661.4	5,360.5	3,891.7	
Other Orchard													
Avocados	1,497.3	374.9	2.1	—	535.4	—	159.6	—	—	1,659.9	2,669.1	2,569.4	
Mangoes	—	—	—	—	—	—	1,526.7	—	834.8	2,120.0	2,439.2	2,380.9	
Grapes -													
Winemaking or distilling	2,815.6	5,724.8	2,775.1	55.0	1,581.7	6.2	0.5	—	—	8,177.8	8,769.5	12,958.9	
Total drying	272.8	—	—	—	375.6	—	—	—	—	847.3	1,267.7	648.3	
Table and n.e.c.	3,525.4	186.0	1.6	—	140.2	—	173.2	—	—	4,957.3	5,532.5	4,026.4	
Total	6,613.7	5,910.8	2,776.7	55.0	2,097.5	6.2	173.7	—	—	13,982.4	15,589.7	17,633.6	
Strawberries	8,177.4	433.7	1,259.6	—	—	—	26.8	—	—	9,293.0	7,384.4	9,897.5	
Tropical													
Bananas	—	—	—	—	—	—	14,101.3	—	4,799.0	24,498.5	29,093.6	18,900.2	
Papaws	—	12.7	—	—	—	—	175.3	—	38.4	n.c.	130.1	226.3	

TABLE 21. PRODUCTION, AREA AND YIELD OF VEGETABLES FOR HUMAN CONSUMPTION, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994

Vegetable	Unit	1994											1994 (a)	1994 (a)
		Perth			Lower Great Southern		Upper Great Southern		South Eastern			Western Australia		
		South West	Southern	Upper Great Southern	Midlands	South Eastern	Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994 (a)	1994 (a)	1994
Beans, french and runner -														
For processing														
Production	t	4.9	749.6	41.5	—	—	0.3	—	—	89.0	487.9	794.9	796.2	796.2
Area	ha	1.1	62.0	3.1	—	—	1.0	—	—	14.4	60.0	67.0	67.3	67.3
Yield	t/ha	4.4	12.1	13.4	—	—	0.3	—	—	6.2	8.1	11.9	11.8	11.8
For fresh market														
Production	t	51.6	52.3	2.4	—	—	600.7	25.4	25.4	633.6	437.5	719.9	732.4	732.4
Area	ha	10.9	8.3	2.3	—	—	30.3	80.3	80.3	74.7	84.1	129.0	132.1	132.1
Yield	t/ha	4.7	6.3	1.0	—	—	19.8	0.3	0.3	8.5	5.2	5.6	5.5	5.5
Beetroot														
Production	t	95.7	—	—	8.4	—	—	—	—	57.9	117.0	104.0	104.1	104.1
Area	ha	4.2	—	—	0.4	—	—	—	—	3.1	5.2	5.0	4.6	4.6
Yield	t/ha	22.8	—	—	21.0	—	—	—	—	18.7	22.5	20.8	22.6	22.6
Broccoli														
Production	t	2,059.2	902.7	216.9	24.0	—	1.6	3.0	3.0	2,106.4	2,994.4	3,195.1	3,207.5	3,207.5
Area	ha	179.4	144.6	20.7	5.4	—	0.5	0.3	0.3	210.3	291.7	348.0	350.9	350.9
Yield	t/ha	11.5	6.2	10.5	4.4	—	3.2	10.1	10.1	10.0	10.3	9.2	9.1	9.1
Cabbages														
Production	t	5,800.8	410.6	39.0	20.6	—	0.8	16.5	16.5	9,959.6	7,097.9	6,253.0	6,288.3	6,288.3
Area	ha	120.0	10.8	1.9	0.7	—	0.3	0.4	0.4	222.1	158.5	133.0	134.1	134.1
Yield	t/ha	48.3	38.0	20.5	29.4	—	2.7	41.3	41.3	44.8	44.8	47.0	46.9	46.9
Capsicum, chillies and peppers														
Production	t	691.4	43.8	5.0	—	—	1,548.6	7.0	7.0	2,102.3	2,125.2	2,287.5	2,295.8	2,295.8
Area	ha	36.4	3.2	0.2	—	—	79.1	0.5	0.5	120.4	123.6	1,19.0	1,19.4	1,19.4
Yield	t/ha	19.0	13.7	25.0	—	—	19.6	13.9	13.9	17.5	17.2	19.2	19.2	19.2
Carrots														
Production	t	14,237.8	3,447.0	19.0	—	—	300.0	20.1	20.1	31,040.5	36,439.1	42,645.0	42,756.9	42,756.9
Area	ha	340.6	58.1	0.5	—	—	12.0	0.4	0.4	705.8	714.9	812.0	814.4	814.4
Yield	t/ha	41.8	59.3	38.0	61.4	—	25.0	50.3	50.3	44.0	51.0	52.5	52.5	52.5
Cauliflowers														
Production	t	4,662.9	8,407.2	775.9	209.0	—	6.0	5.4	5.4	15,204.0	14,656.4	14,060.0	14,066.4	14,066.4
Area	ha	203.9	623.2	69.3	4.8	—	1.1	0.3	0.3	772.9	898.8	902.0	902.6	902.6
Yield	t/ha	22.9	13.5	11.2	43.5	—	5.5	18.0	18.0	19.7	16.3	15.6	15.6	15.6
Celery														
Production	t	3,491.0	2771.6	—	—	—	—	19.5	19.5	5,976.0	5,106.6	6,282.1	6,282.1	6,282.1
Area	ha	43.6	74.0	—	—	—	—	0.3	0.3	79.9	76.8	118.0	117.9	117.9
Yield	t/ha	80.1	37.5	—	—	—	—	65.0	65.0	74.8	66.5	53.2	53.3	53.3
Cucumbers														
Production	t	516.5	50.5	6.8	30.0	—	806.5	1.0	1.0	1,951.8	1,781.8	1,493.8	1,521.5	1,521.5
Area	ha	29.2	0.6	0.2	1.5	—	58.6	0.3	0.3	134.2	128.8	99.0	102.7	102.7
Yield	t/ha	17.7	84.1	11.3	150.0	—	13.8	3.3	3.3	14.5	13.8	15.1	14.8	14.8

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

TABLE 21. PRODUCTION, AREA AND YIELD OF VEGETABLES FOR HUMAN CONSUMPTION, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, YEARS ENDED 31 MARCH 1992 TO 1994 - continued

Unit	1994										Western Australia			
	Perth	South West	Lower Great		Upper Great		Midlands	South		Kimberley	1992 (a)	1993 (a)	1994 (a)	1994 (a)
			Southern	Southern	Southern	Southern		Eastern	Central					
Green peas														
Processing														
Production														
Area	1.7	602.8	2,225.1	—	—	—	—	—	—	—	1,940.4	1,685.1	2,825.3	2,836.8
Yield	1.0	169.2	941.1	—	—	—	—	—	—	—	1,048.2	1,034.1	1,108.0	1,112.0
t/ha	1.7	3.6	2.4	—	—	—	—	—	—	—	1.9	1.6	2.5	2.6
Solid in pod														
Production														
Area	7.3	0.4	3.0	—	—	—	—	—	—	—	18.0	15.3	9.2	11.1
Yield	2.5	0.4	1.5	—	—	—	—	—	—	—	8.4	7.0	4.0	4.6
t/ha	2.9	1.0	2.0	—	—	—	—	—	—	—	2.1	2.2	2.3	2.4
Lettuces														
Production														
Area	14,542.1	414.3	124.0	—	—	—	—	—	—	—	17,970.6	17,450.8	15,776.0	15,877.5
Yield	366.6	12.5	6.0	—	—	—	—	—	—	—	388.8	376.8	405.0	408.4
t/ha	7.1	11.3	0.7	—	—	—	—	—	—	—	10.1	9.1	7.4	7.4
Marrows, squashes and zucchinis														
Production														
Area	86.1	9.0	1.4	—	—	—	—	—	—	—	676.6	664.2	564.9	578.6
Yield	12.2	0.8	2.0	—	—	—	—	—	—	—	67.1	72.7	76.0	77.9
t/ha	7.1	11.3	0.7	—	—	—	—	—	—	—	10.1	9.1	7.4	7.4
Melons, Water														
Production														
Area	635.2	1,505.5	—	—	—	—	—	—	—	—	11,529.2	11,752.8	11,448.0	11,512.0
Yield	37.8	51.8	—	—	—	—	—	—	—	—	522.0	554.8	463.0	468.1
t/ha	16.8	29.1	—	—	—	—	—	—	—	—	22.1	21.2	24.7	24.6
Melons, Rock and cantaloupe														
Production														
Area	819.8	113.0	—	—	—	—	—	—	—	—	9,644.9	10,339.7	8,169.0	8,253.2
Yield	53.0	8.8	—	—	—	—	—	—	—	—	612.1	718.9	539.0	545.2
t/ha	15.5	12.8	—	—	—	—	—	—	—	—	15.8	14.4	15.2	15.1
Mushrooms														
Production														
Area	1,156.5	—	2.0	—	—	—	—	—	—	—	1,148.2	1,058.8	—	1,158.5
Yield	9.3	—	0.1	—	—	—	—	—	—	—	11.5	12.0	—	9.4
t/ha	124.4	—	20.0	—	—	—	—	—	—	—	99.8	88.2	—	123.2
Onions														
Production														
Area	6,943.9	12,029.5	—	—	—	—	—	—	—	—	22,298.6	18,936.1	22,363.0	22,479.8
Yield	126.4	182.2	—	—	—	—	—	—	—	—	436.0	321.2	373.0	376.8
t/ha	54.9	66.0	—	—	—	—	—	—	—	—	51.1	59.0	60.0	59.7
Parsnip														
Production														
Area	846.1	108.9	2.5	—	—	—	—	—	—	—	235.7	341.9	962.3	962.3
Yield	42.9	5.0	0.2	—	—	—	—	—	—	—	16.1	20.3	47.0	48.4
t/ha	19.7	21.8	12.5	—	—	—	—	—	—	—	14.6	16.8	20.5	19.9
Potatoes (b)														
Production														
Area	8,917.6	97,926.6	2,910.0	—	—	—	—	—	—	—	97,816.6	108,170.7	110,469.0	111,812.6
Yield	229.5	2,280.6	106.1	—	—	—	—	—	—	—	2,614.3	2,640.1	2,681.0	2,720.4
t/ha	38.9	42.9	27.4	—	—	—	—	—	—	—	37.4	41.0	41.2	41.1

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

Unit	1994										Western Australia				
	Lower Great Southern			Upper Great Southern			South Eastern				1994 (a)				
	Perth	South West	Southern	Perth	South West	Southern	Midlands	Eastern	Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994 (a)	1994
Pumpkins															
Production	1,347.8	2,220.0	23.0	—	—	—	202.0	—	715.0	—	5,027.0	10,556.4	11,107.0	9,471.0	9,534.8
Area	68.8	127.7	1.5	—	—	—	13.7	—	42.5	—	281.2	612.5	610.4	528.0	535.4
Yield	19.6	17.4	15.3	—	—	—	14.7	—	16.8	—	17.9	17.2	18.2	17.9	17.8
Swedes															
Production	179.2	42.0	7.0	—	—	—	16.9	—	—	—	—	118.9	274.1	225.0	245.1
Area	6.8	7.3	1.5	—	—	—	1.0	—	—	—	—	9.4	16.2	16.0	16.6
Yield	26.4	5.8	4.7	—	—	—	16.9	—	—	—	—	12.6	16.9	14.1	14.8
Sweet corn															
Production	235.7	339.1	122.4	—	—	—	1.0	—	40.7	—	3.5	662.9	1,038.1	737.0	742.4
Area	25.8	25.7	9.6	—	—	—	0.2	—	8.7	—	2.5	105.9	108.7	71.0	72.5
Yield	9.1	13.2	12.8	—	—	—	5.0	—	4.7	—	1.4	6.3	9.6	10.4	10.2
Tomatoes															
Production	1,745.8	1,544.0	30.7	—	—	—	7.0	—	4,825.5	5.0	35.8	7,586.7	8,385.2	8,112.0	8,193.8
Area	56.2	34.8	3.9	—	—	—	0.2	—	128.2	0.5	1.2	218.7	246.7	221.0	225.0
Yield	31.1	44.4	7.9	—	—	—	35.0	—	37.6	10.0	29.8	34.7	34.0	36.7	36.4
Turnips															
Production	270.1	7.0	7.7	—	—	—	18.8	—	14.0	—	6.0	178.2	336.5	323.6	323.6
Area	11.4	3.2	0.7	—	—	—	0.7	—	0.3	—	0.3	10.3	14.8	16.6	16.6
Yield	23.7	2.2	11.0	—	—	—	26.9	—	46.7	—	20.0	17.3	22.7	19.5	19.5
Total vegetables for human consumption	2,178.1	3,960.9	1,189.1	0.2	690.5	564.8	2.1	1,098.6	9,247.7	9,594.5	9,563.0	9,674.3			

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

TABLE 22. 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											
	Lower Great						Upper Great			Western Australia		
	Perth	South West	South Western	Midlands	South Eastern	Central	Pilbara	Kimberley	1992	1993	1994	
Asparagus	1.1	37.0	251.7	46.5	—	95.2	—	—	172.3	176.0	431.5	
Beans, french and runner - Processing	1.5	224.9	12.5	—	—	75.0	—	—	28.6	166.2	238.9	
Fresh market	139.8	141.8	6.4	—	—	1,627.8	68.9	—	2,298.0	1,629.9	1,984.7	
Beetroot	108.4	—	—	9.5	—	—	—	—	59.4	110.0	117.9	
Broccoli	1,462.0	641.0	154.0	17.0	—	1.1	2.2	—	3,318.1	4,710.4	2,273.1	
Brussels sprouts	31.0	58.2	—	—	—	—	—	—	56.7	84.6	89.4	
Cabbages	2,313.1	163.7	15.6	8.2	—	0.3	6.6	—	2,425.3	2,034.1	2,507.6	
Capsicum, chillies and peppers	1,569.6	99.3	11.4	—	—	3,515.4	15.8	—	2,229.3	2,366.6	5,207.3	
Carrots	7,926.6	1,919.0	10.6	13,769.6	—	167.0	11.2	—	15,245.2	20,105.4	23,804.1	
Cauliflower	5,077.8	9,155.3	844.9	227.6	—	6.5	5.9	—	14,381.9	15,492.3	15,318.1	
Celery	1,815.3	1,441.2	—	—	—	—	10.1	—	3,725.6	3,413.2	3,240.7	
Cucumbers	537.1	52.5	7.1	2.4	—	838.7	112.4	1.0	1,721.8	1,303.8	1,582.6	
Green peas - Processing	0.4	132.6	489.5	—	—	1.6	—	—	446.8	422.2	624.1	
Sold in pod	29.6	1.6	12.1	1.0	—	0.8	—	—	84.5	75.0	45.0	
Lettuce	5,078.7	144.7	43.3	270.3	—	1.7	6.3	—	8,382.8	8,328.2	5,545.1	
Marrow, squashes - Melons - Water	56.7	0.2	5.5	30.6	—	60.6	66.0	—	185.2	218.2	219.7	
Rock and cantaloupe	211.9	502.2	—	101.9	—	560.2	2,464.1	—	3,462.8	3,477.7	3,840.4	
	527.8	72.7	—	132.3	—	620.9	3,954.2	5.2	4,989.1	5,598.7	5,313.1	
Onions, white and brown	1,844.7	3,195.8	—	813.7	—	106.5	11.3	—	6,709.9	5,803.5	5,972.1	
Parsnips	834.5	107.4	2.5	—	—	—	4.7	—	304.4	377.8	949.1	
Potatoes	2,695.6	29,601.3	879.6	521.9	—	100.4	—	—	33,320.3	35,069.4	33,798.5	
Pumpkins	542.5	893.6	9.3	81.3	—	287.8	2,023.4	—	8,495.8	8,643.6	3,837.8	
Sweet corn	252.9	363.8	131.3	1.1	—	43.7	3.8	—	597.1	931.7	796.5	
Tomatoes	1,793.1	1,585.8	31.5	7.2	—	4,956.1	36.8	—	8,615.0	9,132.6	8,415.6	
Swede	150.8	35.4	5.9	14.2	—	—	—	—	88.8	212.4	206.3	

E. LIVESTOCK AND LIVESTOCK PRODUCTS

TABLE 23. LIVESTOCK PRODUCTS, YEARS ENDED 30 JUNE 1992 TO 1994

	Unit	Western Australia		
		1992	1993	1994
Livestock slaughterings (a) -				
Cattle	'000	423.8	452.3	438.8
Calves	'000	7.2	4.6	4.4
Sheep	'000	3,016.7	3,752.3	2,952.2
Lambs	'000	1,238.3	1,480.8	1,553.2
Pigs	'000	526.2	567.6	550.4
Chickens	'000	29,104.4	30,575.8	31,481.8
Livestock products (b) -				
Beef	tonnes	91,327	100,196	101,513
Veal	tonnes	478	303	296
Mutton	tonnes	60,610	76,921	61,731
Lamb	tonnes	19,360	23,395	24,936
Pigmeat	tonnes	30,967	33,562	32,423
Chicken meat	tonnes	35,945	37,740	39,386
Whole milk intake by factories (c)	Million Litres	302	324	344
Wool (d)				
Brokers and dealers receipts of taxable wool	tonnes	182,027	203,626	212,266

(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 24. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS (a), AND LIVESTOCK PRODUCTS, GROSS VALUE, YEARS ENDED 30 JUNE 1992 TO 1994 (\$ MILLION)

	Western Australia		
	1992	1993	1994
Livestock slaughterings and other disposals			
Cattle and calves (b)	179.6	186.6	217.6
Sheep and lambs (c)	115.5	165.0	185.3
Other (d)	123.1	132.4	142.9
Total	418.2	484.0	545.8
Wool -			
Shorn	602.6	597.7	590.1
Other (e)	5.7	7.1	14.5
Liquid whole milk used for -			
Manufacturing	26.3	33.5	36.2
Human consumption	77.7	80.6	85.0
Total whole milk production	104.0	114.1	121.2
Eggs	30.3	30.4	32.4
Honey	2.8	2.7	2.2
Beeswax (f)	0.1	0.1	0.2

(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, goats and buffalo. (e) Includes dead and fellmongered wool on skins. (f) Includes pollen.

TABLE 25. SALES OF LIVESTOCK, YEARS ENDED 31 MARCH 1992 TO 1994

Unit	1994										Western Australia				
	Perth	South West	Lower Great Southern		Upper Great Southern		Midlands	South Eastern		Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994
			Southern	Southern	Southern	Southern									
Cattle and calves	—	0.2	—	—	—	—	—	—	—	—	—	—	0.6	0.2	0.3
Dairy breed bulls (b)	0.2	1.3	1.3	0.4	0.9	0.5	0.2	0.1	1.0	0.2	0.1	0.1	6.4	5.2	5.9
Beef breed bulls (b)	14.5	224.9	86.4	13.9	58.9	36.1	44.1	40.1	91.7	40.2	40.2	40.2	552.3	597.2	610.7
Other cattle and calves (c)	14.6	236.4	87.7	14.4	59.8	36.7	44.3	40.2	92.8	40.7	40.7	40.7	559.4	602.6	616.9
Total	284.4	514.8	1,891.4	1,755.1	2,001.6	918.6	1,017.5	38.4	—	—	—	—	n.a.	n.a.	8,421.7
Sheep	12.4	209.5	455.7	382.5	744.7	143.6	293.4	2.3	—	—	—	—	n.a.	n.a.	2,244.1
Lambs	296.8	724.3	2,347.2	2,137.6	2,746.2	1,062.2	1,310.9	40.7	—	—	—	—	8,682.2	10,777.5	10,663.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Horses	0.5	0.5	0.1	—	0.1	—	0.1	—	0.2	—	—	—	1.5	1.4	1.5
Pigs	54.9	76.1	69.6	100.1	181.8	10.6	23.1	—	—	—	—	—	464.0	196.3	516.0
Goats	0.6	1.2	2.9	2.5	5.5	0.8	1.5	—	—	—	—	—	14.9	22.2	15.0
Deer	0.2	1.4	0.3	—	—	—	—	—	—	—	—	—	0.9	1.4	2.0
Other livestock (d)	—	2.6	1.4	1.0	0.7	0.1	3.3	—	—	—	—	—	8.9	n.a.	9.1

(a) See Explanatory Notes, paragraph 3. (b) One year and over, sold for breeding. (c) Includes grain fed. (d) Includes crmus, alpacas, ostriches etc.

TABLE 26. SHEEP BY AGE, SEX AND PURPOSE, AT 31 MARCH 1992 TO 1994

Unit	1994										Western Australia				
	Perth	South West	Lower Great Southern		Upper Great Southern		Midlands	South Eastern		Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994 (a)
			Southern	Southern	Southern	Southern									
Sheep (1 year and over) -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rams	1.4	16.9	75.1	74.9	93.2	40.4	58.5	4.8	—	359.4	—	359.4	349.6	361.0	365.2
Ewes -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Breeding	28.2	757.1	3,259.7	3,063.6	3,479.7	1,602.5	2,087.1	123.7	—	14,376.0	—	14,376.0	13,837.9	14,238.2	14,401.5
Other	7.5	90.6	331.1	281.3	423.9	163.8	199.2	22.2	—	2,269.2	—	2,269.2	1,753.4	1,476.7	1,519.7
Wethers	13.6	521.6	2,391.2	1,739.0	1,456.3	890.9	1,059.4	79.4	—	10,882.3	—	10,882.3	9,760.1	8,045.8	8,151.3
Total	50.7	1,386.1	6,057.1	5,158.8	5,453.1	2,697.6	3,404.2	230.1	—	27,887.0	—	27,887.0	25,701.0	24,721.8	24,437.7
Lambs and hoggets (under 1 year)	10.1	354.1	1,749.9	1,764.9	1,688.2	829.1	1,071.8	45.7	—	6,173.5	—	6,173.5	7,260.7	7,459.4	7,513.8
Total sheep and lambs	60.8	1,740.3	7,807.0	6,923.7	7,141.4	3,526.7	4,475.9	275.8	—	34,060.5	—	34,060.5	32,961.7	31,581.2	31,951.5

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

TABLE 27. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY REPORTING SHEEP BY AGE, SEX AND PURPOSE, HAVING EVAO \$5,000 AND OVER, AT 31 MARCH 1992 TO 1994

Unit	1994										Western Australia			
	Perth	South West	Lower Great		Upper Great		Midlands	South		Kimberley	1992 (a)	1993 (a)	1994 (a)	1994
			Southern	Southern	Southern	Eastern		Central	Pilbara					
Sheep (1 year and over) -														
Rams	83	706	1,762	1,668	2,461	619	999	19	8,352	8,043	7,722	8,317		
Ewes -														
Breeding	92	726	1,823	1,701	2,537	650	1,035	19	8,558	8,282	7,924	8,583		
Other	34	281	728	625	1,083	233	407	7	4,261	3,429	3,088	3,398		
Wethers	68	599	1,738	1,515	1,961	576	889	20	8,240	7,627	6,841	7,366		
Total	132	904	2,064	1,810	2,794	697	1,174	21	9,592	9,258	8,619	9,536		
Lambs and hoggets (under 1 year)	79	639	1,683	1,613	2,289	585	949	18	7,515	7,610	7,341	7,855		
Total Establishments	139	917	2,077	1,814	2,811	703	1,118	21	9,637	9,308	8,661	9,600		

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

TABLE 28. SHEEP AND LAMBS SHORN AND GREASY WOOL PRODUCED, YEARS ENDED 31 MARCH 1992 TO 1994

Unit	1994										Western Australia			
	Perth	South West	Lower Great		Upper Great		Midlands	South		Kimberley	1992 (a)	1993 (a)	1994	
			Southern	Southern	Southern	Eastern		Central	Pilbara					
Sheep and lambs shorn -														
Sheep shorn	483.1	1,723.4	7,610.1	6,689.4	6,822.4	3,476.6	4,208.1	246.2	33,793.5	31,920.0	31,259.3			
Lambs shorn	13.1	360.9	1,582.7	1,669.9	1,759.3	729.5	980.9	27.6	5,723.2	7,071.2	7,123.9			
Total	496.2	2,084.3	9,192.8	8,359.3	8,581.7	4,206.1	5,189.0	273.8	39,516.7	38,991.2	38,383.2			
Wool produced -														
Sheep and lambs shorn	1,340.6	9,247.0	45,265.6	38,742.6	35,503.3	20,065.2	21,791.7	1,114.1	173,877.3	177,243.9	173,070.0			
Crutchings	3.8	156.9	951.1	782.1	736.6	372.4	313.7	6.0	3,147.1	3,123.5	3,322.6			
Total shorn and crunched	1,344.4	9,403.9	46,216.7	39,524.7	36,239.9	20,437.6	22,105.4	1,120.0	177,024.3	180,367.4	176,392.6			
Average clip (b)	kg	4.5	5.0	4.7	4.2	4.9	4.3	4.1	4.5	4.6	4.6			

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

TABLE 29. LAMBING, YEAR ENDED 31 MARCH 1994

	Perth	South West	Lower Great Southern		Upper Great Southern		Midlands	South Eastern		Pilbara	Kimberley	Western Australia
			South West	Southern	Southern	Southern		Eastern	Central			
Ewes actually mated (a)	20.5	666.6	2,887.9	2,802.1	3,210.5	1,395.9	1,895.7	1,027.6	108.9	—	—	12,988.2
Lambs marked	13.5	527.4	2,241.9	2,198.4	2,450.2	1,368.0	—	—	46.9	—	—	9,874.0
Proportion of lambs marked to ewes mated	65.8	79.1	77.6	78.5	76.3	73.6	—	—	43.1	—	—	76.0
Ewes intended to be mated in 1994-95 (b)	25.2	743.3	3,163.2	3,000.0	3,375.7	1,556.5	1,973.6	—	111.0	—	—	13,948.5

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

TABLE 30. WOOL, AVERAGE CLIP (GREASY) (a), YEARS ENDED 31 MARCH 1992 TO 1994

Unit	Perth	South West	Lower Great Southern		Upper Great Southern		Midlands		South Eastern		Pilbara		Kimberley		Western Australia
			South West	Southern	Southern	Southern	Midlands	Eastern	Central	Pilbara	Kimberley	1992 (b)	1993 (b)	1994	
Sheep - average clip per head	2.7	5.0	5.6	5.4	4.8	5.4	4.8	4.4	4.8	4.4	4.9	5.2	5.2	5.2	5.2
Lambs - average clip per head	1.4	1.6	1.7	1.7	1.5	1.8	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6

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

TABLE 31. CATTLE NUMBERS BY AGE, SEX AND PURPOSE, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, AT 31 MARCH 1992 TO 1994

Unit	1994										Western Australia		
	Perth	South West	Lower Great Southern	Upper Great Southern	Midlands	South Eastern	Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994 (a)	1994
Milk cattle -													
Bulls and bull calves intended for service	---	1.0	0.1	---	---	---	---	---	---	1.1	1.0	1.2	1.2
Cows in milk and dry	3.8	65.7	3.5	0.1	0.3	---	---	---	0.3	68.1	69.8	73.7	73.8
Heifers and heifer calves	1.8	42.8	2.5	---	0.3	0.4	---	---	0.2	43.6	45.4	48.0	48.1
Total milk cattle (b)	5.7	109.6	6.0	0.2	0.6	0.4	0.1	---	0.5	112.8	116.2	121.7	123.0
Meat cattle -													
Bulls and bull calves intended for service	0.8	8.1	5.6	1.4	3.9	3.4	2.8	4.3	14.7	47.1	44.4	42.7	45.1
Cows and heifers one year and over	14.7	195.5	120.2	22.9	79.4	64.1	74.6	91.4	287.9	781.7	844.4	900.4	950.5
Heifer and other calves under one year	6.0	104.0	57.0	8.4	30.7	35.0	28.3	38.4	90.5	373.8	364.7	376.0	398.5
Other cattle 1 year and over	5.5	89.3	20.8	3.8	21.4	8.4	15.7	29.0	94.5	333.8	278.5	274.7	288.4
Total meat cattle	27.0	396.9	203.6	36.5	135.5	111.0	121.5	163.0	487.6	1,536.3	1,532.0	1,594.9	1,682.5
Total cattle (b)	32.7	506.5	209.6	36.6	136.1	111.4	121.6	163.0	488.0	1,649.1	1,648.2	1,716.6	1,805.5
Proportion of total herd -													
Milk cattle	%	21.6	2.9	0.4	0.5	0.4	0.1	---	0.1	6.8	7.1	7.1	6.8
Meat cattle	%	82.6	78.4	97.1	99.5	99.6	99.9	100.0	99.9	93.2	92.9	92.9	93.2

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

TABLE 32. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY REPORTING CATTLE NUMBERS BY AGE, SEX AND PURPOSE, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, AT 31 MARCH 1992 TO 1994

	1994										Western Australia			
	Perth	South West	Lower Great		Upper Great		Midlands	South Eastern	Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994 (a)
			Southern	Southern	Southern	Southern								
Milk cattle -														
Bulls and bull calves intended for service	15	334	28	896	251	591	212	231	53	91	3,339	3,399	3,209	3,917
Cows in milk and dry	26	467	39	994	285	675	242	256	53	97	3,636	3,638	3,435	4,345
Heifers and heifer calves	25	484	38	855	260	587	203	226	50	83	3,447	3,270	3,106	3,864
Total milk cattle (b)	30	507	57	1,048	299	715	245	281	53	102	4,102	4,161	3,876	4,966
Meat cattle -														
Bulls and bull calves intended for service	189	1,547	896	2,107	306	726	248	284	53	102	4,224	4,274	3,994	5,092
Cows and heifers one year and over	231	1,662	994	1,061	306	726	248	284	53	102	4,224	4,274	3,994	5,092
Heifer and other calves under one year	184	1,549	855	1,048	299	715	245	281	53	102	4,102	4,161	3,876	4,966
Other cattle one year and over	114	1,213	445	1,048	299	715	245	281	53	102	4,102	4,161	3,876	4,966
Total meat cattle	271	2,107	1,048	2,107	306	726	248	284	53	102	4,224	4,274	3,994	5,092
Total establishments	279	2,188	1,061	2,107	306	726	248	284	53	102	4,224	4,274	3,994	5,092

(a) Figures have been collected on the basis of EVAO \$22,500 and over. See Explanatory Notes, paragraph 4. (b) Excludes establishments with house cows and heifers only.

TABLE 33. PIG NUMBERS, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, AT 31 MARCH 1992 TO 1994

	1994										Western Australia			
	Perth	South West	Lower Great		Upper Great		Midlands	South Eastern	Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994 (a)
			Southern	Southern	Southern	Southern								
Boars	132	274	362	609	609	1,137	70	216	3	4	2,932	2,809	2,745	2,807
Breeding sows and gilts intended for breeding	2,306	4,869	5,088	7,386	7,386	14,644	876	2,296	5	19	38,247	36,390	37,098	37,489
Other pigs (incl. suckers, weaners, growers etc.)	22,811	38,850	36,830	52,894	52,894	98,085	6,543	15,249	34	47	276,640	266,052	269,905	271,343
Total pigs	25,249	43,993	42,280	60,889	60,889	113,866	7,489	17,761	42	70	317,819	305,251	309,748	311,639

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

TABLE 34. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY REPORTING PIGS, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, AT 31 MARCH 1992 TO 1994

	1994										Western Australia			
	Perth	South West	Lower Great		Upper Great		Midlands	South Eastern	Central	Pilbara	Kimberley	1992 (a)	1993 (a)	1994 (a)
			Southern	Southern	Southern	Southern								
Boars	16	58	121	158	158	326	27	61	3	2	813	782	730	772
Breeding sows and gilts intended for breeding	17	61	126	169	169	333	29	66	3	3	864	824	763	807
Other pigs (incl. suckers, weaners, growers, etc.)	19	61	127	183	183	357	28	66	2	4	930	892	804	847
Total establishments	21	68	135	189	189	370	31	69	3	4	969	933	840	890

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

TABLE 35. POULTRY NUMBERS, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, AT 31 MARCH 1992 TO 1994

Unit	1994													
	Lower Great Southern			Upper Great Southern			South Eastern		Western Australia					
	Perth	South West	South Western	Southern	Southern	Midlands	Eastern	Central	Pilbara	Kimberley	Total			
Chickens														
For egg production	777.5	50.3	20.1	6.4	21.3	14.8	22.2	22.2	—	13.3	909.0	951.3	924.9	925.9
For meat production	4,356.8	0.2	9.0	0.4	9.0	—	0.1	0.1	—	0.1	3,646.4	4,924.4	4,337.2	4,375.4
Total	5,134.3	50.5	29.1	6.7	30.3	14.8	22.2	22.2	—	13.4	4,555.4	5,875.7	5,162.1	5,301.4
Breeding stock	317.4	6.6	0.4	11.0	54.6	—	—	—	—	0.1	416.3	435.3	390.0	390.1
Total all chickens	5,451.7	57.1	29.5	17.7	85.0	14.8	22.2	22.2	—	13.4	4,971.7	6,311.0	5,552.1	5,691.4
Other poultry	30.4	0.8	0.9	10.1	0.4	—	0.2	0.2	—	—	41.9	36.0	42.0	42.7
Total all poultry	5,482.2	57.8	30.4	27.8	85.3	14.8	22.4	22.4	—	13.4	5,013.7	6,347.0	5,594.1	5,734.2

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

TABLE 36. BEEKEEPING, SUMMARY STATISTICS, YEARS ENDED 30 JUNE 1992 TO 1994

Unit	1994												
	Lower Great Southern			Upper Great Southern			Midlands		South Eastern		Western Australia		
	Perth	South West	South Western	Southern	Southern	Midlands	Eastern	Central	Pilbara	Kimberley	Total	Total	
Beekeepers	35	8	5	—	—	18	1	1	—	—	58	50	68
Beehives -													
Productive (b)	9,376	1,686	502	—	—	8,883	20	288	—	—	21,792	19,704	20,755
Unproductive	4,419	352	82	—	—	2,245	30	—	—	—	5,729	4,927	7,128
Total	13,795	2,038	584	—	—	11,128	50	288	—	—	27,521	24,631	27,883
Honey produced	1,122,065	89,522	43,836	—	—	897,277	180	19,200	—	—	2,263,682	2,039,051	2,172,080
Average production per productive beehive	119.7	53.1	87.3	—	—	101.0	9.0	66.7	—	—	103.9	103.5	104.7
Beeswax produced	21,875	5,554	703	—	—	18,755	0	350	—	—	38,202	37,590	47,237

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

TABLE 37. NUMBER OF DEER, GOATS, HORSES AND OTHER LIVESTOCK, ESTABLISHMENTS HAVING EVAO \$5,000 AND OVER, AT 31 MARCH 1992 TO 1994

Unit	1994										Western Australia			
	Perth	South West	Lower Great		Upper Great			South		Kimberley	1992 (a)	1993 (a)	1994 (a)	
			Southern	Southern	Southern	Midlands	Eastern	Central	Pibara					
Deer	n	1,318	6,826	2,363	641	1,657	375	385	—	—	8,639	9,695	13,539	13,565
Goats -														
Fibre	n	454	2,464	4,202	1,795	8,825	585	3,216	—	—	39,758	27,945	18,047	21,541
Milk and other	n	502	59	327	1,606	138	35	166	—	20	1,743	1,331	2,183	2,853
Total	n	956	2,523	4,529	3,401	8,963	620	3,382	—	20	41,501	29,276	20,232	24,394
Horses (b)														
Stud	n	1,801	2,081	669	314	644	108	149	22	87	5,655	5,595	5,370	5,875
Other	n	990	1,457	1,008	561	1,057	487	963	888	4,443	11,731	12,798	10,144	11,854
Total	n	2,791	3,538	1,677	875	1,701	595	1,112	910	4,530	17,386	18,393	15,514	17,729
Alpacas	n	51	158	54	22	9	—	—	—	—	n.c.	90	294	294
Emus	n	741	4,804	1,000	1,338	2,790	36	13,251	—	—	n.c.	16,299	23,955	23,960
Ostriches	n	72	44	13	44	36	6	16	—	—	n.c.	97	231	231
Other livestock (c)	n	24	23	96	40	66	22	50	26	19	24,113(d)	2,886	17	366

(a) Figures have been collected on the basis of EVAO \$22,500 and over. See Explanatory Notes, paragraph 4. (b) Comprises horses on establishments with agricultural activity. (c) Includes camels and donkeys. (d) Includes Alpacas, Emus and Ostriches, not collected separately in 1992.

F. FARM FINANCES
TABLE 38. FARM BUSINESSES, SELECTED FINANCIAL STATISTICS, 1991-92 TO 1993-94(a), INDUSTRY

Items	Poultry 0141-0142			Fruit 0114-0119			Vegetables (c) 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		
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m		
	SE%			SE%			SE%			SE%				
Sales from crops	—	0.3	—	—	77.9	124.0	16	96.3	114.7	35	350.3	633.7	931.7	7
Sales from livestock	2.7	4.9	2.7	4	3.9	6.8	44	n.p.	3.5	*	18.6	45.5	97.0	14
Sales from livestock products	30.5	35.8	46.4	19	0.5	1.1	71	n.p.	0.0	*	41.8	71.2	121.7	10
Turnover	49.4	47.1	62.2	9	126.6	87.1	15	n.p.	113.5	31	423.0	777.1	1,200.9	7
Purchases and selected expenses	26.1	30.1	40.1	12	70.2	83.4	15	n.p.	64.1	29	272.5	456.7	751.2	7
Value added(b)	25.5	17.1	22.9	12	57.3	38.5	21	n.p.	48.5	32	165.0	319.1	535.1	8
Adjusted value added	20.9	15.2	20.0	16	51.5	33.4	27	n.p.	43.5	34	138.7	277.1	464.8	8
Gross operating surplus	15.6	8.1	10.1	39	37.3	25.7	67	n.p.	29.1	43.5	121.0	237.8	411.9	8
Total interest paid	4.2	3.3	2.7	26	4.1	8.6	22	n.p.	7.0	*	35.9	49.0	67.5	13
Cash operating surplus(c)	9.9	5.0	7.0	74	34.3	19.6	17.2	n.p.	25.6	41.3	74.6	196.6	263.5	10
Total net capital expenditure	2.4	6.7	9.5	54	7.8	20.2	43	n.p.	17.1	4.1	25.9	82.9	157.9	13
Total value of assets	183.3	137.6	163.7	13	446.5	488.2	19	n.p.	453.4	30	1,500.2	2,431.2	4,697.6	8
Gross indebtedness	29.4	33.3	58.5	21	47.0	108.3	34	n.p.	73.0	16.6	313.2	514.1	971.3	13
Net indebtedness	-2.9	1.7	12.4	91	13.8	77.8	57	n.p.	36.1	1.9	172.4	287.2	610.6	19
Net worth	153.9	104.3	105.2	19	399.5	379.9	30	n.p.	382.4	33	1,187.0	1,917.2	3,726.3	8
Number of farm businesses	115	126	107	16	600	675	786	7	386	17	1,359	1,954	3,062	8

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		
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m		
	SE%			SE%			SE%			SE%				
Sales from crops	718.0	649.0	402.3	10	2.4	8.4	64	42.1	36.7	44	0.3	5.0	7.6	65
Sales from livestock	71.2	121.9	123.7	17	27.5	53.3	33	63.2	46.6	37	112.7	100.0	154.3	19
Sales from livestock products	314.8	289.0	285.7	11	19.6	34.3	30	134.5	88.7	20	0.0	2.6	3.2	76
Turnover	1,136.1	1,091.2	839.4	9	50.9	116.4	30	208.2	182.9	25	120.7	116.4	174.2	19
Purchases and selected expenses	733.3	666.6	489.8	9	32.8	79.7	27	293.6	109.3	27	103.4	55.8	106.6	24
Value added(b)	513.7	425.6	527.3	9	22.5	41.6	33	117.3	121.9	19	68.2	65.5	128.5	18
Adjusted value added	436.7	353.1	472.9	9	16.9	31.1	34	141.6	111.8	19	40.5	55.5	110.8	21
Gross operating surplus	377.7	295.4	431.1	10	11.1	21.3	38	76.3	98.7	20	21.0	40.0	90.4	25
Total interest paid	90.8	68.0	45.2	17	4.8	12.9	39	22.2	10.9	37	15.7	6.5	16.2	49
Cash operating surplus(c)	181.5	230.4	219.8	13	5.5	11.1	48	41.3	39.5	30	44.9	32.1	23.6	57
Total net capital expenditure	97.6	98.7	90.0	19	5.3	10.9	50	25.9	7.4	83	41.3	10.5	21.7	32
Total value of assets	5,881.9	5,043.5	4,495.1	9	497.2	1,423.2	33	1,776.8	1,014.1	24	1,547.8	1,147.1	1,734.3	14
Gross indebtedness	762.7	796.5	588.2	14	38.1	252.4	26	338.8	159.6	33	152.9	70.8	167.3	39
Net indebtedness	493.3	515.6	305.2	29	36.7	193.4	28	245.5	36.3	**	83.9	-14.1	63.0	*
Net worth	5,119.2	4,247.0	3,906.9	9	459.1	1,170.7	35	1,569.2	854.5	24	1,394.9	1,076.3	1,567.0	14
Number of farm businesses	4,750	3,952	3,179	9	435	852	29	1,417	853	28	927	881	946	14

See footnotes at end of table.

TABLE 38. FARM BUSINESSES, SELECTED FINANCIAL STATISTICS, 1991-92 TO 1993-94(a), INDUSTRY—continued

Items	Dairy cattle 0130				Pigs 0151				Sugar 0161			
	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%
	\$m	\$m	\$m		\$m	\$m	\$m		\$m	\$m	\$m	
Sales from crops	2.8	0.1	5.3	*	1.5	0.6	6.5	86	—	—	—	—
Sales from livestock	22.5	26.2	35.0	36	34.7	33.2	38.6	17	—	—	—	—
Sales from livestock products	115.7	115.2	131.4	20	2.2	1.1	2.6	53	—	—	—	—
Turnover	142.6	143.0	173.5	15	39.5	37.0	50.8	18	—	—	—	—
Purchases and selected expenses	71.0	77.9	97.1	16	29.9	30.5	34.6	17	—	—	—	—
Value added(b)	73.9	67.0	86.0	18	9.6	7.9	19.9	26	—	—	—	—
Adjusted value added	67.8	59.4	79.6	19	8.1	6.7	17.0	27	—	—	—	—
Gross operating surplus	60.6	53.4	68.4	19	3.8	3.9	13.5	33	—	—	—	—
Total interest paid	12.6	10.8	11.7	46	2.5	1.3	2.2	42	—	—	—	—
Cash operating surplus(c)	45.3	41.1	48.6	25	1.4	1.1	8.0	36	—	—	—	—
Total net capital expenditure	886.8	916.2	985.0	15	109.7	109.4	128.0	21	—	—	—	—
Total value of assets	107.6	119.6	149.9	57	23.1	24.4	32.8	32	—	—	—	—
Gross indebtedness	64.9	48.4	38.0	*	16.4	23.2	30.4	36	—	—	—	—
Net indebtedness	779.1	796.6	835.1	21	86.6	85.0	95.2	19	—	—	—	—
Number of farm businesses	479	499	525	2	114	87	170	26	—	—	—	—

Items	Cotton 0162				Other agriculture (e) 0111-0112, 0152-0159, 0169				Agriculture all industries			
	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%
	\$m	\$m	\$m		\$m	\$m	\$m		\$m	\$m	\$m	
Sales from crops	—	—	—	—	n.p.	64.3	106.7	44	1,353.5	1,577.7	1,738.0	5
Sales from livestock	—	—	—	—	n.p.	4.7	16.2	49	343.0	462.8	577.1	8
Sales from livestock products	—	—	—	—	n.p.	5.4	4.7	*	737.8	690.8	725.6	6
Turnover	—	—	—	—	n.p.	83.8	141.8	36	2,360.3	2,875.8	3,180.9	3
Purchases and selected expenses	—	—	—	—	n.p.	35.5	63.7	35	1,620.3	1,710.5	1,885.7	3
Value added(b)	—	—	—	—	n.p.	41.1	86.3	35	1,193.5	1,188.9	1,706.6	4
Adjusted value added	—	—	—	—	n.p.	34.2	77.5	35	1,000.5	1,006.4	1,514.1	4
Gross operating surplus	—	—	—	—	n.p.	11.9	35.3	44	802.6	801.2	1,279.2	5
Total interest paid	—	—	—	—	n.p.	5.2	3.4	25	215.9	190.8	178.7	8
Cash operating surplus(c)	—	—	—	—	n.p.	14.5	25.0	60	353.2	618.5	720.3	7
Total net capital expenditure	—	—	—	—	n.p.	6.3	15.0	36	230.1	279.3	360.7	8
Total value of assets	—	—	—	—	n.p.	250.0	474.1	33	13,703.9	13,971.0	15,297.2	3
Gross indebtedness	—	—	—	—	n.p.	60.1	105.8	11	1,919.7	2,192.5	2,459.3	7
Net indebtedness	—	—	—	—	n.p.	36.7	70.8	20	978.2	1,128.9	1,320.9	16
Net worth	—	—	—	—	n.p.	189.9	368.3	43	11,784.2	11,778.5	12,838.0	4
Number of farm businesses	—	—	—	—	n.p.	310	456	23	11,346	11,136	10,971	2

(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. (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), INDUSTRY — AVERAGES

Items	Poultry 0141-0142				Fruit 0114-0119				Vegetables 0113				Grain 0121			
	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%
	\$000	\$000	\$000		\$000	\$000	\$000		\$000	\$000	\$000		\$000	\$000	\$000	
Sales from crops	0.0	2.3	0.0	—	187.9	115.4	157.8	14	n.p.	249.5	303.5	32	257.8	324.3	304.3	7
Sales from livestock	23.2	38.7	25.0	16	6.5	2.1	8.6	44	n.p.	21.8	9.2	*	13.7	23.3	31.7	12
Sales from livestock products	265.0	283.8	433.8	21	0.8	0.7	1.4	69	n.p.	3.4	0.1	*	30.8	36.4	39.8	8
Turnover	429.7	373.8	581.7	13	211.0	129.1	175.6	13	n.p.	294.1	315.6	28	311.3	397.7	392.2	6
Purchases and selected expenses	227.2	238.7	374.3	16	117.0	72.0	106.1	12	n.p.	166.0	157.4	26	200.5	233.7	245.3	6
Value added (b)	222.0	135.4	214.2	16	95.6	57.0	70.0	21	n.p.	125.5	161.8	29	121.4	163.3	174.8	8
Adjusted value added (b)	181.4	121.0	186.7	19	85.8	49.4	58.5	27	n.p.	112.7	152.7	31	102.0	141.8	151.8	8
Gross operating surplus (b)	135.5	64.5	94.1	41	62.1	35.4	32.7	66	n.p.	75.5	115.2	31	89.0	121.7	134.5	9
Interest paid	36.3	26.5	25.6	28	6.9	6.7	10.9	22	n.p.	18.3	2.6	*	26.4	25.1	22.1	12
Cash operating surplus (c)	85.8	39.9	65.0	75	57.2	29.1	21.9	*	n.p.	66.3	109.2	37	54.9	100.6	86.1	11
Gross indebtedness	255.7	264.1	546.4	23	78.3	60.1	137.8	34	n.p.	189.2	43.9	*	230.4	263.1	317.2	12
Total net capital expenditure	21.0	53.3	89.0	55	13.0	6.5	25.8	44	n.p.	44.3	10.9	127	19.1	42.4	51.6	12
Total value of assets	1,593.8	1,092.2	1,529.7	16	744.1	415.5	621.1	18	n.p.	1,179.9	957.6	*	1,103.9	1,244.2	1,534.2	7
Net indebtedness	-24.8	13.5	115.8	92	23.0	32.4	99.0	57	n.p.	93.5	5.0	*	126.8	147.0	199.4	18
Net worth	1,338.1	828.0	983.3	21	665.8	355.4	483.4	28	n.p.	990.6	913.7	30	873.5	981.1	1,216.9	8

Items	Grain - sheep-beef 0122				Sheep - beef cattle 0123				Sheep 0124				Beef cattle 0125			
	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%
	\$000	\$000	\$000		\$000	\$000	\$000		\$000	\$000	\$000		\$000	\$000	\$000	
Sales from crops	151.2	164.2	126.6	9	5.5	9.8	4.6	67	13.1	29.7	43.1	37	0.3	5.6	8.1	66
Sales from livestock	15.0	30.9	38.9	15	63.1	62.6	103.5	16	24.9	44.6	54.7	30	121.6	113.5	163.1	20
Sales from livestock products	66.3	73.1	89.9	9	45.1	40.2	78.4	12	119.8	94.9	104.0	16	0.1	2.9	3.4	66
Turnover	239.2	276.1	264.0	7	117.0	136.7	192.5	11	169.0	185.6	214.4	17	130.2	132.1	184.2	19
Purchases and selected expenses	154.4	168.7	154.1	8	75.4	93.6	99.2	11	109.9	116.4	128.1	18	73.6	63.3	112.7	23
Value added (b)	108.1	107.7	165.9	7	51.8	48.8	122.9	16	97.4	82.8	142.9	16	73.6	74.3	115.9	20
Adjusted value added (b)	91.9	89.4	148.7	7	38.8	36.5	109.8	18	81.5	68.6	131.1	17	43.7	63.0	117.1	23
Gross operating surplus (b)	79.5	74.8	135.6	7	25.5	25.0	99.2	22	61.7	53.8	115.7	16	22.7	45.4	95.6	26
Interest paid	19.1	17.2	14.2	15	11.1	15.2	18.2	27	20.4	15.7	12.7	34	17.0	7.4	17.1	49
Cash operating surplus (c)	38.2	58.3	69.1	12	12.7	13.0	53.1	31	4.0	29.1	46.3	21	-48.5	36.5	25.0	54
Gross indebtedness	160.6	201.5	185.0	13	87.7	296.3	198.4	19	195.0	146.5	187.1	29	164.9	80.4	176.8	40
Total net capital expenditure	20.5	25.0	28.3	18	12.2	12.8	22.4	28	14.1	18.3	8.7	80	44.5	12.0	23.0	34
Total value of assets	1,238.3	1,276.2	1,414.0	7	1,143.1	1,670.4	1,483.3	15	1,212.1	1,253.9	1,188.9	17	1,669.7	1,302.1	1,833.3	13
Net indebtedness	103.9	130.5	96.0	30	-84.3	227.0	146.7	17	141.3	53.4	42.5	**	90.5	-16.0	66.6	*
Net worth	1,077.7	1,074.6	1,229.0	7	1,055.4	1,374.1	1,284.9	16	1,017.1	1,107.4	1,001.8	17	1,504.7	1,221.7	1,656.5	13

See footnotes at end of table.

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

Items	Dairy cattle 0130				Pigs 0151				Sugar 0161			
	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%
	\$000	\$000	\$000		\$000	\$000	\$000		\$000	\$000	\$000	
Sales from crops	5.8	0.3	10.2	*	13.4	6.6	38.0	59	—	—	—	—
Sales from livestock	47.0	52.5	66.6	35	304.6	381.3	227.2	28	—	—	—	—
Sales from livestock products	241.5	230.9	250.3	20	13.1	15.3	15.3	47	—	—	—	—
Turnover	297.7	286.5	330.4	15	346.9	425.8	298.7	15	—	—	—	—
Purchases and selected expenses	148.3	156.2	184.9	16	262.3	351.0	203.4	19	—	—	—	—
Value added (b)	154.2	134.2	163.7	18	84.6	90.6	117.3	12	—	—	—	—
Adjusted value added (b)	141.5	119.1	151.6	18	70.9	76.6	100.2	14	—	—	—	—
Gross operating surplus (b)	126.6	106.9	130.3	18	33.8	45.2	79.6	16	—	—	—	—
Interest paid	26.3	21.7	22.2	46	21.7	15.3	12.8	29	—	—	—	—
Cash operating surplus (c)	94.6	82.3	92.5	24	12.1	12.5	46.8	24	—	—	—	—
Gross indebtedness	224.7	239.7	285.5	57	202.5	280.2	192.8	26	—	—	—	—
Total net capital expenditure	28.7	27.4	35.4	21	13.6	25.2	28.2	41	—	—	—	—
Total value of assets	1,851.3	1,836.1	1,876.2	14	962.0	1,257.8	753.0	16	—	—	—	—
Net indebtedness	-135.4	-97.1	72.3	*	143.8	266.1	178.7	29	—	—	—	—
Net worth	1,626.6	1,596.4	1,590.7	21	759.4	977.6	560.3	17	—	—	—	—

Items	Cotton 0162				Other agriculture 0111-0112, 0152-0159, 0169				Agriculture all industries			
	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%	1991-92	1992-93	1993-94	SE%
	\$000	\$000	\$000		\$000	\$000	\$000		\$000	\$000	\$000	
Sales from crops	—	—	—	—	n.p.	207.4	234.0	46	119.3	141.7	158.4	5
Sales from livestock	—	—	—	—	n.p.	15.3	35.4	39	30.2	41.6	52.6	8
Sales from livestock products	—	—	—	—	n.p.	17.5	10.3	95	65.0	62.0	66.1	6
Turnover	—	—	—	—	n.p.	270.4	311.1	36	225.7	258.2	289.9	4
Purchases and selected expenses	—	—	—	—	n.p.	114.6	139.6	33	142.8	153.6	171.9	3
Value added (b)	—	—	—	—	n.p.	132.6	189.2	34	105.2	106.8	155.6	4
Adjusted value added (b)	—	—	—	—	n.p.	110.3	170.0	34	88.2	90.4	138.0	4
Gross operating surplus (b)	—	—	—	—	n.p.	38.2	77.3	42	70.7	71.9	116.6	5
Interest paid	—	—	—	—	n.p.	16.7	7.6	31	19.0	17.1	16.3	8
Cash operating surplus (c)	—	—	—	—	n.p.	46.9	54.8	64	31.1	55.5	65.7	7
Gross indebtedness	—	—	—	—	n.p.	193.8	232.1	23	169.2	196.9	224.2	8
Total net capital expenditure	—	—	—	—	n.p.	20.3	32.9	38	20.3	25.1	32.9	8
Total value of assets	—	—	—	—	n.p.	806.4	1,039.7	21	1,207.8	1,254.6	1,394.3	4
Net indebtedness	—	—	—	—	n.p.	118.5	155.2	33	86.2	101.4	120.4	16
Net worth	—	—	—	—	n.p.	612.6	807.6	29	1,038.6	1,057.7	1,170.2	4

(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) 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, 21, 26, 27, 31, 32, 33, 34, 35 and 37 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 Australian New Zealand Standard Industrial Classification (ANZSIC). 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 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

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 (c.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 12 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. 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. As a survey, data is subject to sampling and relative standard errors. Standard errors (SE) indicated by a single asterisk (*) show SE% of greater than 100 and have been included for completeness only as the sampling variability is too high for practical purposes. In particular cases, where the size of an estimate is small compared to previous values, the size of the relative standard error may be a misleading indicator of the reliability of that estimate. Estimates falling into the above category have been identified by a double asterisk (**). Refer to the Explanatory Notes of *Agricultural Industries Financial Statistics, Australia* (7507.0) for a detailed explanation of the effects of sampling and standard errors.

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 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 term used

28. 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

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.

32. Symbols and other usages

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

Statistical areas of Western Australia

The data in this publication is presented in accordance to the *Australian Standard Geographical Classification* (ASGC), Edition 2.3.

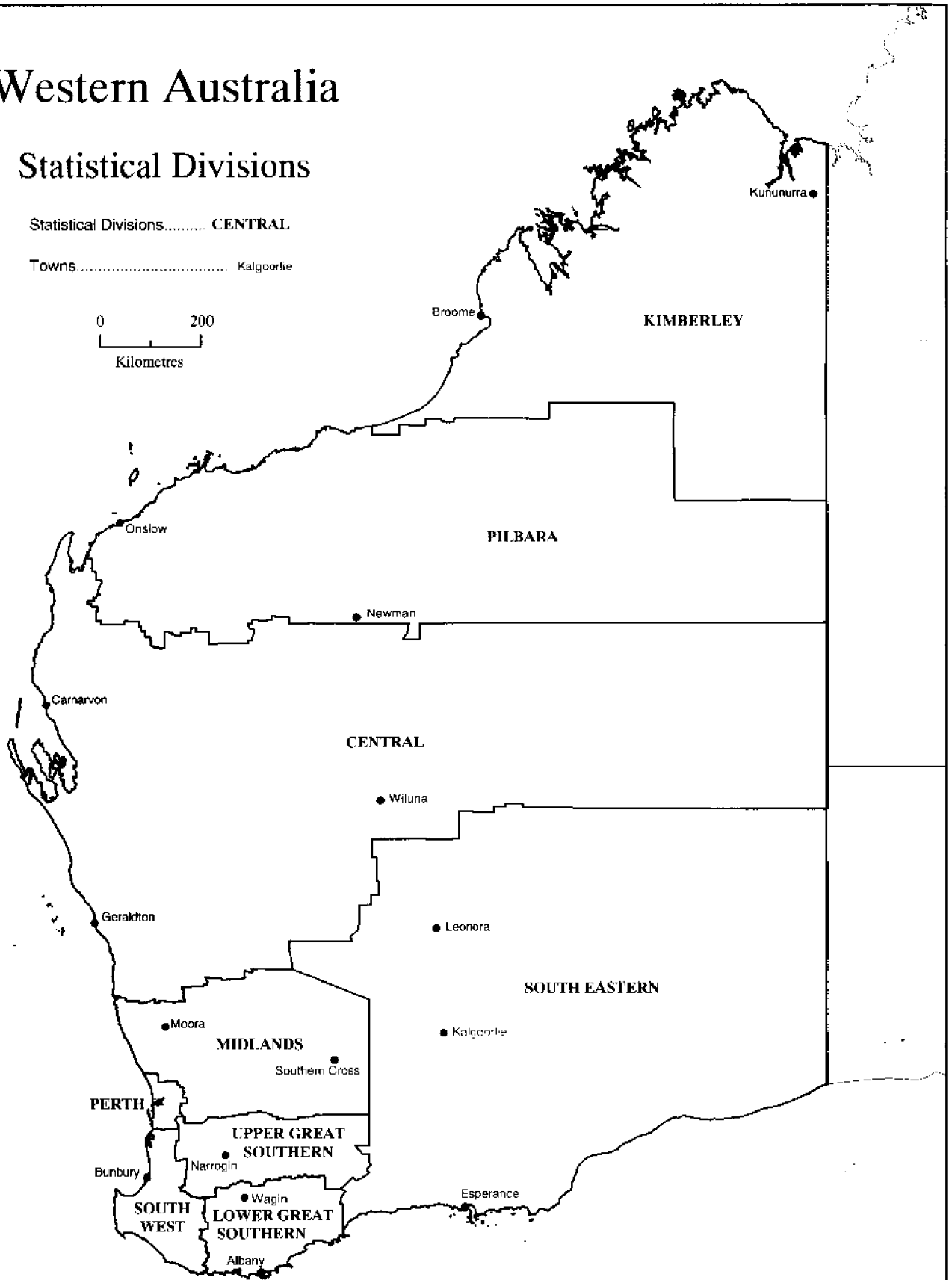
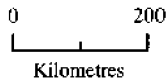
Western Australia comprises nine Statistical Divisions, which are groupings of whole Local Government Areas. The Statistical Divisions are designed to be relatively homogeneous regions characterised by identifiable social and economic units within the region, under the unifying influence on one or more major towns or cities.

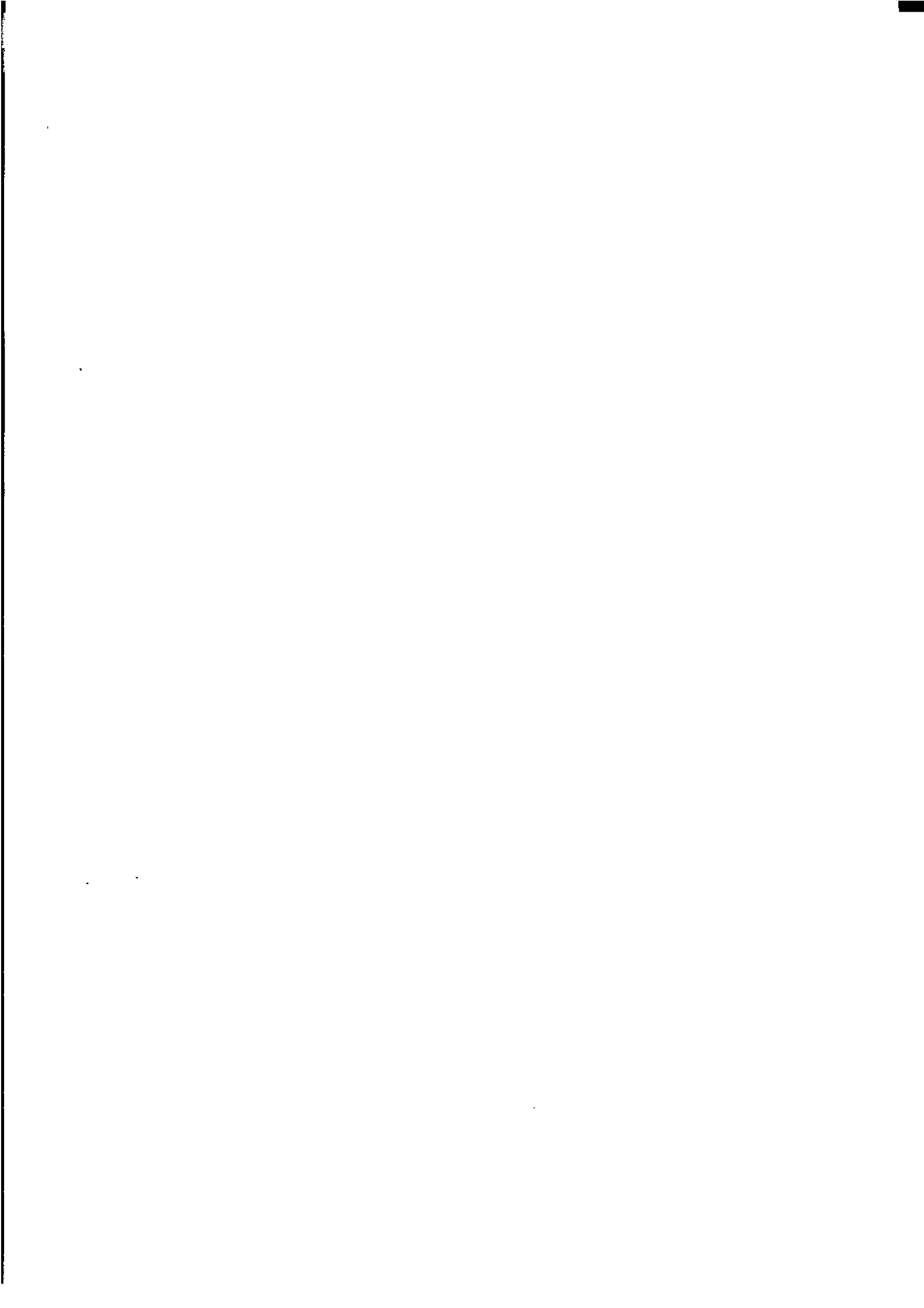
Western Australia

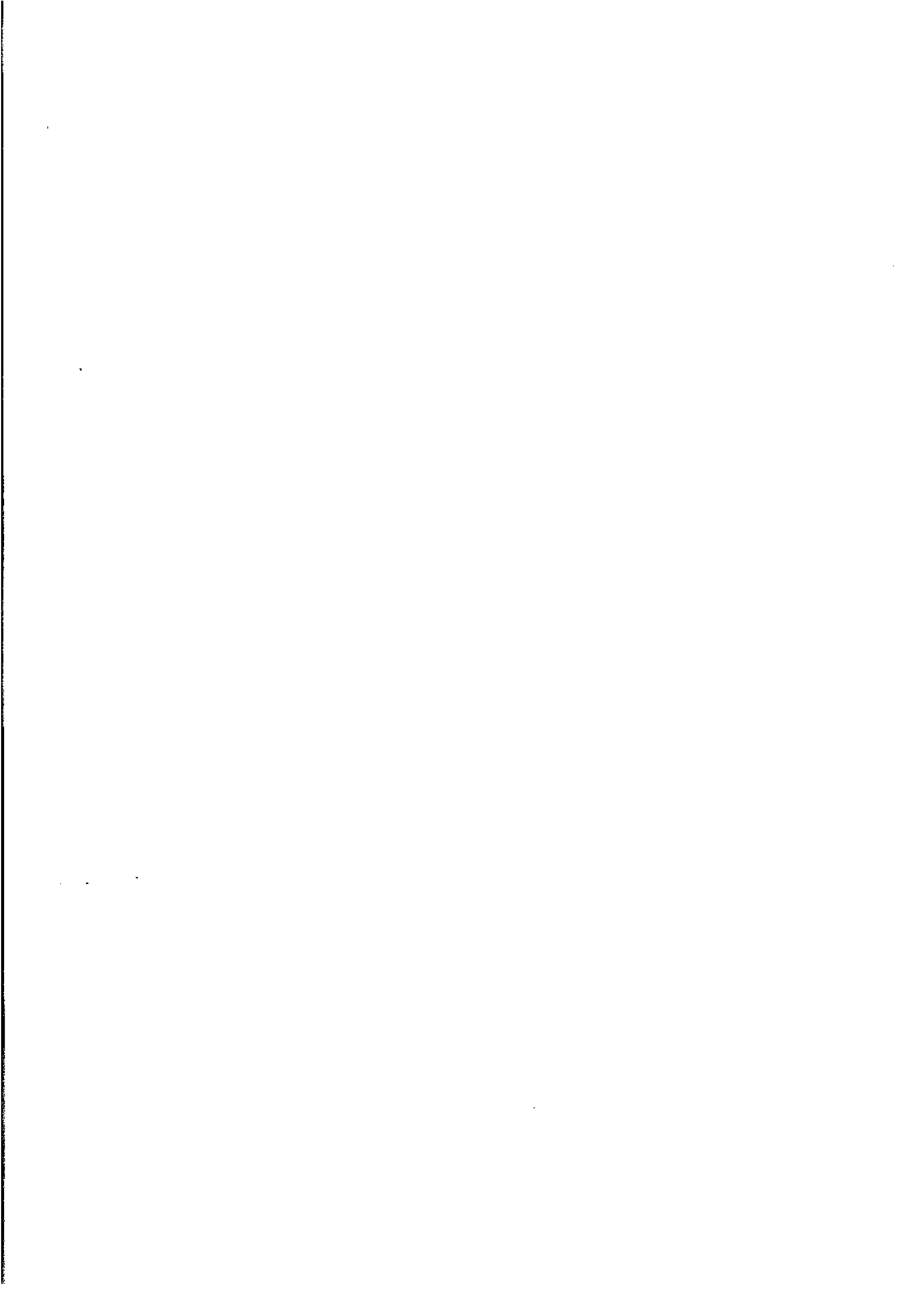
Statistical Divisions

Statistical Divisions..... CENTRAL

Towns..... Kalgoorlie







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