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**Australian  
Bureau of  
Statistics**

**1989-90**  
**Value of Agricultural  
Commodities  
Produced  
Australia**



ABS Catalogue No. 7503.0

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**VALUE OF AGRICULTURAL COMMODITIES PRODUCED  
AUSTRALIA  
1989-90**

**IAN CASTLES  
Australian Statistician**

**AUSTRALIAN BUREAU OF STATISTICS**

**CATALOGUE NO. 7503.0**

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### INQUIRIES

- *for further information about statistics in this publication and the availability of related unpublished statistics, contact Rick McGee on Canberra (06) 252 5356 or any ABS State office.*
- *for information about other ABS statistics and services please refer to the back page of this publication.*

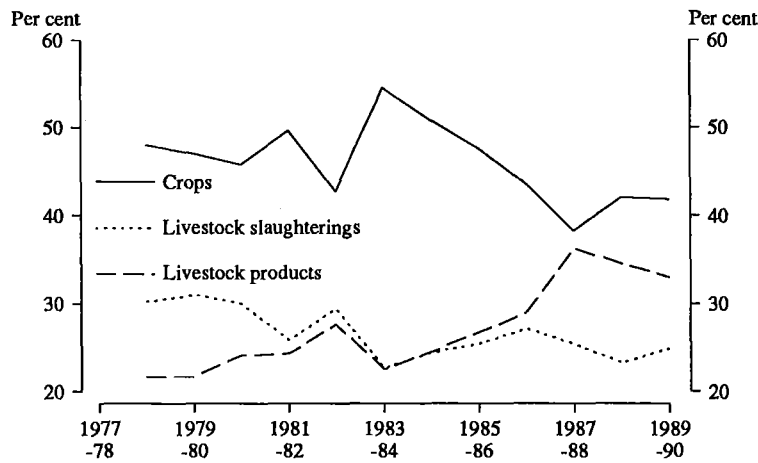
## SUMMARY OF FINDINGS

NOTE: As outlined in paragraph 3 of the Explanatory Notes, estimates of the value of agricultural commodities produced are on the same basis as previous years for livestock slaughterings and livestock products. However, crop estimates from 1989-90 are based on production from farms having a minimum Estimated Value of Agricultural Operations (EVAO) of \$20,000. In previous years estimates were made in respect of farms with EVAO of \$5,000 or more. To assist users, Australian level statistics for 1986-87, 1987-88 and 1988-89 in this publication have been revised to conform to the 1989-90 data based on the \$20,000 cutoff.

### National

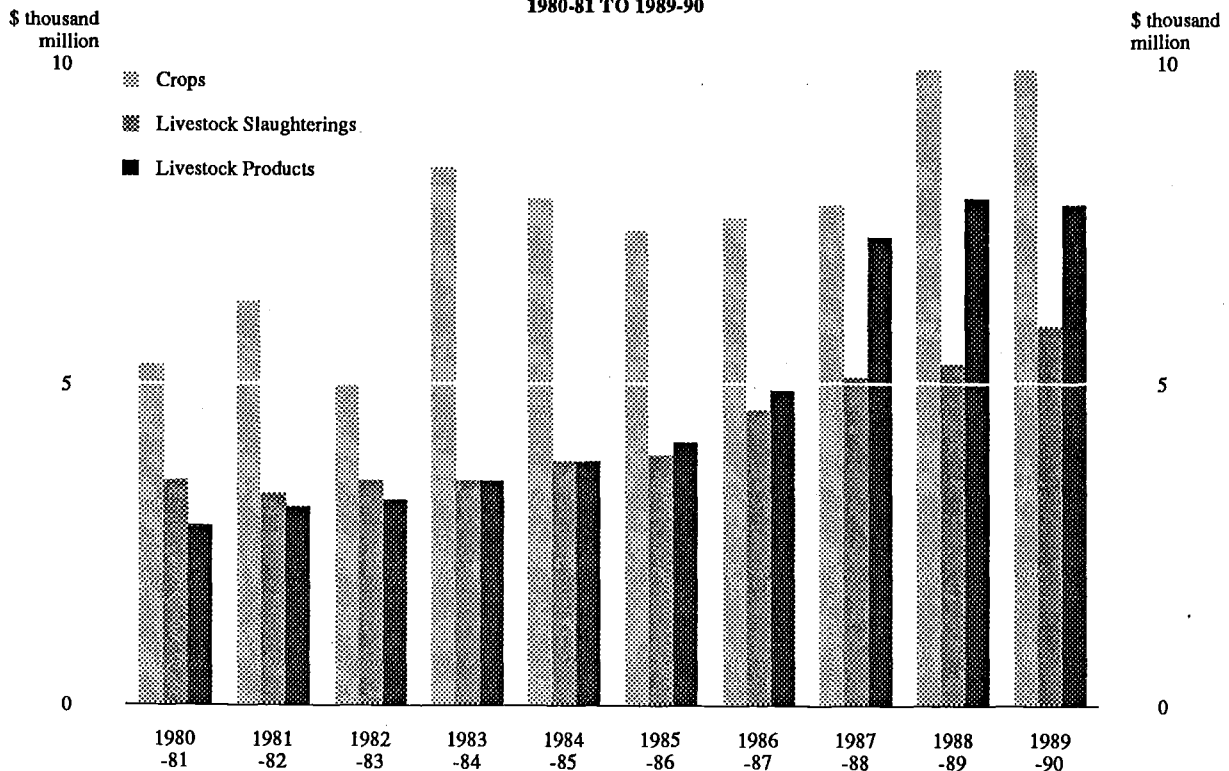
The final estimate of the Gross Value of Agricultural Commodities Produced for 1989-90 shows a rise of 3.3 per cent over 1988-89 to \$23,585.1m.

PERCENTAGE CONTRIBUTION TO TOTAL GROSS VALUE  
OF AGRICULTURAL COMMODITIES PRODUCED, AUSTRALIA  
1978-79 TO 1989-90



The total gross value of production of the three largest commodities was 52.4 per cent of the total gross value of agricultural production. Wool accounted for 24.2 per cent, cattle and calves slaughterings 16.4 per cent and wheat 11.8 per cent.

GROSS VALUE OF AGRICULTURAL COMMODITIES  
1980-81 TO 1989-90



The value of crops (including pastures and grasses) produced in Australia increased by 2.5 per cent over 1988-89 to \$9,876.3m. Although this was a small increase overall, there were significant variations between crops. Increases included barley by 27.0 per cent to \$708.8m, cotton 19.1 per cent to \$639.5m, sugar cane cut for crushing 17.4 per cent to \$874.0m and vegetables 14.0 per cent to \$1,328.2m. Crops to decrease significantly were oats down 23.5 per cent to \$178.0m, oilseeds 39.1 per cent to \$85.0m, legumes mainly for grain 19.9 per cent to \$294.5m, grapes 8.2 per cent to \$392.2m and wheat down 5.9 per cent to \$2,775.1m.

Livestock slaughterings increased by 11.1 per cent to \$5,893.3m in 1989-90, with cattle and calves up 21.0 per cent to \$3,860.5m, pigs up 4.2 per cent to \$656.0m and poultry up 6.5 per cent to \$777.9m. After reaching a high of \$803.9m in 1987-88 the gross value of sheep and lamb slaughterings fell for the second successive year to be \$585.4m in 1989-90, a fall of 20.7 per cent compared with 1988-89.

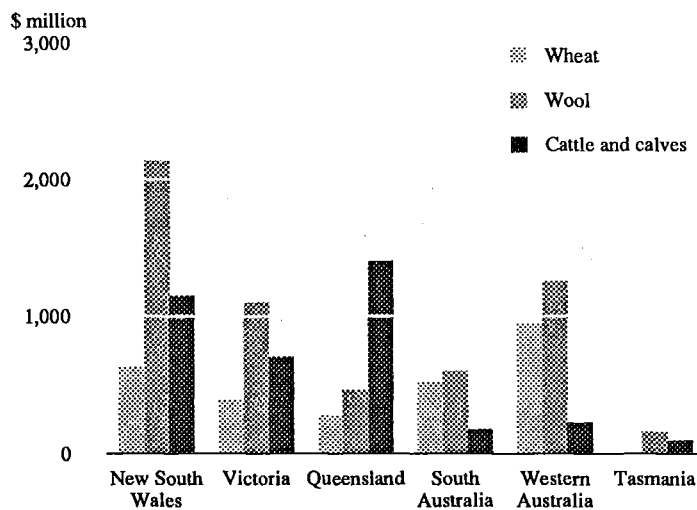
The gross value of wool produced fell for the first time since 1984-85, decreasing by 3.3 per cent over 1988-89 to \$5,718.1m. Although the quantity of wool increased by 3.2 per cent, the average price per kilo fell.

The gross value of total whole milk production increased by 7.0 per cent to \$1,749.0m. While the amount produced fell marginally, the average price per litre increased.

### State Comparisons

New South Wales contributed 24.8 per cent of the total gross value of crops, followed by Queensland with 24.2 per cent and Victoria with 18.3 per cent. The gross value of wheat for grain, the major crop, reduced by 5.9 per cent to \$2,775.1m. Although the tonnage of wheat increased marginally the average price per tonne decreased. Production was dominated by Western Australia with 34.3 per cent (\$951.5m), New South Wales with 22.8 per cent (\$632.7m) and South Australia with 18.6 per cent (\$516.2m).

COMPARISON OF THREE LARGEST COMMODITIES  
BY STATE, 1989-90



Cotton production (\$639.5m) was shared by New South Wales with 76.3 per cent (\$487.7m) and Queensland 23.7 per cent (\$151.8m). Queensland retained its dominance in sugar production and was responsible for 95.2 per cent (\$832.3m) of the total gross value of production. In addition, for the first time in three years Queensland led Victoria in the gross value of production of vegetables with \$389.4m or 29.3 per cent of the Australian total. New South Wales produced 14.4 per cent (\$191.1m) of vegetable production.

Victoria produced 47.1 per cent (\$233.1m) of the pastures and grasses production. New South Wales was the second highest State contributing 17.8 per cent (\$88.2m).

The gross value of production of fruit, excluding grapes, (\$1,022.1m) was dominated by Queensland with 28.1 per cent (\$287.6m), New South Wales with 27.0 per cent (\$275.6m) and Victoria with 22.8 per cent (\$232.9m). South Australia produced the major share of grapes for winemaking (\$134.6m) with 56.6 per cent, followed by New South Wales at 24.5 per cent (\$58.2m). Victoria contributed 15.3 per cent (\$36.3m).

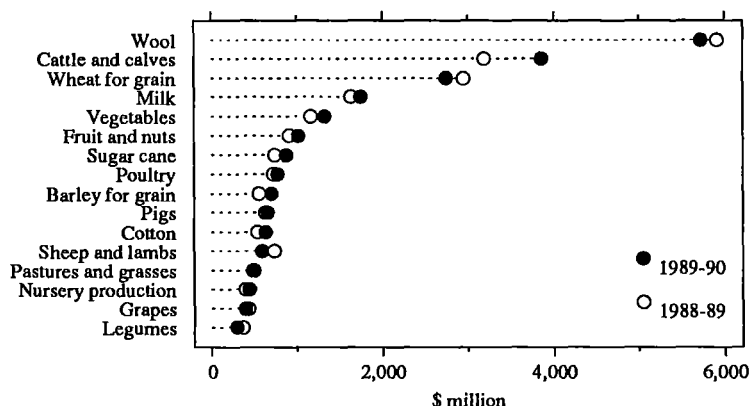
Victoria dominated apple production with 30.4 per cent (\$211.6m) of the gross value, followed by New South Wales with 23.7 per cent. Tasmania long referred to as the "Apple Isle", was third with a gross value contribution of 14.8 per cent.

Since 1985-86 total gross value of production has continued to rise in all States except for Western Australia. The fall in Western Australia in 1989-90 was due to significant falls in crops, in particular wheat and lupins, in sheep and lambs slaughtered and in wool.

#### Average Unit Value

A number of agricultural commodities show falls in the average gross unit value component of these estimates. Wheat at \$194.27/tonne was down 8.2 per cent compared with the 1988-89 value; rice fell 14.9 per cent to \$166.68/tonne; apples were down 9.2 per cent to \$662.50/tonne and oranges were down 18.6 per cent to \$361.16/tonne.

GROSS VALUE OF SELECTED AGRICULTURAL COMMODITIES  
PRODUCED, AUSTRALIA, 1988-89 AND 1989-90



In contrast bananas have increased to \$1,005.83/tonne (45.1 per cent); peaches were up by 7.4 per cent to \$878.22/tonne; strawberries by 11.7 per cent to \$5,324.56/tonne and cherries by 2.9 per cent to \$3,692.64/tonne.

The average gross unit value per tonne for beans rose 22.8 per cent to \$988.57 and for cabbages and brussel sprouts by 20.8 per cent to \$461.55.

#### Marketing Costs

Although there are difficulties in obtaining complete information on marketing costs (which includes freight, cost of containers, commissions and other marketing charges), the following information provides an interesting perspective on the marketing costs component of these estimates. This component varies considerably between commodities. Nationwide, marketing expenses for total crops were \$1,289.5m or 13.1 per cent, for livestock slaughterings \$420.0m or 7.1 per cent and for livestock products \$296.5m or 3.8 per cent. Within these broad groupings there were large variations. For crops, marketing expenses ranged from 0.5 per cent for sugar to 21.0 per cent (\$148.6m) for barley. Marketing expenses for cotton were estimated at 1.5 per cent (\$9.8m), for tobacco 3.7 per cent (\$2.7m), for grapes 8.2 per cent (\$32.1m), for vegetables 16.1 per cent (\$214.0m) and for fruit and nuts 20.9 per cent (\$213.3m).

Major vegetables to show a large proportion of marketing expenses include carrots with 14.1 per cent (\$11.2m), lettuce 27.6 per cent (\$16.1m), onions 17.1 per cent (\$15.1m), potatoes 12.2 per cent (\$47.9m) and tomatoes 23.6 per cent (\$40.2m).

Fruit with significant marketing costs include oranges with 27.6 per cent (\$48.6m), apples 20.5 per cent (\$43.4m) and bananas 23.4 per cent (\$42.4m).

Marketing expenses for livestock slaughterings ranged from \$47.3m (7.2 per cent) for pigs to \$278.3m for cattle and calves (also 7.2 per cent).

Marketing expenses for wool were 4.4 per cent (\$252.9m), eggs 13.9 per cent (\$43.2m) and honey 20.3 per cent (\$5.3m). As milk is collected at the farm gate by the factory it is viewed as having no producer market selling expenses.

Overall marketing costs for total agriculture were estimated at \$2,006.0m or 8.5 per cent of the gross value of agricultural commodities produced.

**TABLE 1. GROSS AND LOCAL VALUES OF AGRICULTURAL COMMODITIES, 1989-90**  
(\$ million)

	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
<b>CROPS</b>									
Gross value of production	2,448.7	1,810.4	2,390.0	1,442.4	1,545.0	222.2	17.2	0.7	9,876.3
Marketing costs	313.7	271.4	261.0	192.3	225.3	21.8	4.0	0.1	1,289.5
Local value of production	2,135.0	1,539.0	2,129.0	1,250.1	1,319.7	200.4	13.2	0.6	8,586.8
<b>LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS(a)</b>									
Gross value of production	1,886.7	1,219.9	1,672.5	401.2	454.1	140.8	115.6	2.4	5,893.3
Marketing costs	104.3	75.1	132.9	38.3	47.4	9.1	12.8	0.2	420.0
Local value of production	1,782.4	1,144.8	1,539.6	362.9	406.7	131.7	102.8	2.2	5,473.2
<b>LIVESTOCK PRODUCTS(b)</b>									
Gross value of production	2,544.3	2,148.5	746.5	723.3	1,370.0	261.0	n.p.	13.1	(c)7,806.7
Marketing costs	97.5	74.8	33.7	34.3	42.6	12.9	n.p.	0.7	(c)296.5
Local value of production	2,446.8	2,073.7	712.8	689.0	1,327.4	248.1	n.p.	12.4	(c)7,510.2
<b>TOTAL AGRICULTURE</b>									
Gross value of production	6,879.7	5,178.8	4,809.0	2,566.9	3,369.1	623.7	141.7	16.2	23,585.1
Marketing costs	515.5	421.3	427.6	264.9	315.3	43.8	16.8	1.0	2,006.0
Local value of production	6,364.2	4,757.5	4,381.4	2,302.0	3,053.8	579.9	124.9	15.2	21,579.0

(a) Includes goat slaughterings. (b) Excludes goat products. (c) Incomplete; see individual States.

**TABLE 2. GROSS AND LOCAL VALUES OF AGRICULTURAL COMMODITIES, AUSTRALIA, 1986-87 TO 1989-90**  
(\$ million)

	<i>1986-87</i>	<i>1987-88</i>	<i>1988-89</i>	<i>1989-90</i>
<b>GROSS VALUE</b>				
Crops (including pastures and grasses)	7,379.4	7,638.6	9,643.3	9,876.3
Livestock slaughterings and other disposals(a)	4,624.6	5,074.3	5,302.3	5,893.3
Livestock products(b)	4,915.6	7,247.0	7,894.0	7,806.7
<b>Total agriculture</b>	<b>16,927.8</b>	<b>19,962.5</b>	<b>22,840.4</b>	<b>23,585.1</b>
<b>LOCAL VALUE</b>				
Crops (including pastures and grasses)	6,262.0	6,563.0	8,434.5	8,586.8
Livestock slaughterings and other disposals(a)	4,265.9	4,696.7	4,927.3	5,473.2
Livestock products(b)	4,675.3	6,982.0	7,601.0	7,510.2
<b>Total agriculture</b>	<b>15,211.2</b>	<b>18,245.1</b>	<b>20,963.2</b>	<b>21,579.0</b>

(a) Includes goat slaughterings. (b) Excludes goat products.



## II. CROPS

TABLE 3. ALL CROPS, GROSS VALUE, 1989-90  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Crops (excluding pastures and grasses)—									
Cereals for grain—									
Barley	120.4	140.5	53.5	281.8	108.7	4.0	—	—	708.8
Grain sorghum	49.2	0.1	84.5	—	0.1	—	1.5	—	135.5
Maize	17.4	0.2	19.9	—	0.9	—	0.2	—	38.6
Oats	54.2	40.3	2.3	28.3	50.7	2.1	—	—	178.0
Rice	134.6	—	6.4	—	—	—	0.1	—	141.0
Triticale	12.1	4.2	4.2	2.1	1.5	0.5	—	—	24.7
Wheat	632.7	391.1	283.1	516.2	951.5	0.5	—	—	2,775.1
Other	2.7	1.8	14.5	1.5	0.3	0.2	—	—	21.0
<i>Total cereals for grain</i>	<i>1,023.3</i>	<i>578.2</i>	<i>468.4</i>	<i>829.9</i>	<i>1,113.9</i>	<i>7.3</i>	<i>1.8</i>	<i>—</i>	<i>4,022.6</i>
Crops for hay—									
Oats	6.1	14.7	1.1	16.7	40.0	0.4	—	—	79.0
Wheat	2.2	1.6	0.4	3.4	9.4	0.1	—	—	16.9
Other	0.9	0.5	0.7	3.8	2.3	—	—	—	8.1
<i>Total crops for hay</i>	<i>9.2</i>	<i>16.7</i>	<i>2.1</i>	<i>23.8</i>	<i>51.7</i>	<i>0.5</i>	<i>—</i>	<i>—</i>	<i>104.0</i>
Other crops—									
Cotton	487.7	—	151.8	—	—	—	—	—	639.5
Fruit and nuts	275.6	232.9	287.6	137.8	51.7	33.8	2.7	—	1,022.1
Grapes	85.5	141.2	5.3	146.8	10.9	1.0	1.5	—	392.2
Legumes mainly for grain—									
Lupins	12.8	7.9	—	9.1	104.0	0.2	—	—	134.0
Other	15.8	75.6	21.0	43.0	4.8	0.2	0.1	—	160.5
Nursery production	169.0	104.8	85.7	18.0	47.0	15.7	4.0	(a)	(b)444.2
Oilseeds—									
Soybean	10.3	0.4	17.6	—	0.2	—	0.1	—	28.6
Sunflower	10.8	1.9	11.4	0.1	0.3	—	—	—	24.6
Other	17.9	10.4	0.7	2.5	0.2	—	—	—	31.8
Peanuts	0.6	—	17.1	—	—	—	—	—	17.8
Sugar cane—									
Cut for crushing	41.7	—	832.2	—	—	—	—	—	874.0
Cut for plants	—	—	12.4	—	—	—	—	—	12.4
Tobacco (dried leaf)	1.9	29.2	42.1	—	—	—	—	—	73.2
Vegetables	191.1	346.7	389.4	165.0	109.7	120.0	6.3	(a)	(b)1,328.2
All other crops, n.e.i.	7.3	31.5	5.0	7.5	3.0	16.8	—	0.6	71.5
<i>Total crops (excluding pastures and grasses)</i>	<i>2,360.5</i>	<i>1,577.4</i>	<i>2,349.7</i>	<i>1,383.5</i>	<i>1,497.4</i>	<i>195.5</i>	<i>16.5</i>	<i>0.6</i>	<i>9,381.1</i>
Pastures and grasses—									
Cut for hay—									
Lucerne	40.5	26.2	27.3	13.4	1.9	1.7	—	0.1	111.1
Other	39.5	191.7	5.7	27.8	38.8	23.9	0.4	—	328.0
<i>Total cut for hay</i>	<i>80.0</i>	<i>217.9</i>	<i>33.0</i>	<i>41.2</i>	<i>40.8</i>	<i>25.6</i>	<i>0.5</i>	<i>0.1</i>	<i>439.1</i>
Harvested for seed—									
Lucerne	1.7	0.1	—	7.0	—	—	—	—	8.8
Clovers	2.8	5.3	—	6.3	4.4	—	—	—	18.8
Other	3.7	9.8	7.3	4.3	2.4	0.7	0.2	—	28.5
<i>Total harvested for seed</i>	<i>8.2</i>	<i>15.2</i>	<i>7.3</i>	<i>17.7</i>	<i>6.8</i>	<i>0.8</i>	<i>0.2</i>	<i>—</i>	<i>56.2</i>
<i>Total pastures and grasses</i>	<i>88.2</i>	<i>233.1</i>	<i>40.3</i>	<i>58.9</i>	<i>47.6</i>	<i>26.4</i>	<i>0.7</i>	<i>—</i>	<i>495.3</i>
<b>Total crops</b>	<b>2,448.7</b>	<b>1,810.4</b>	<b>2,390.0</b>	<b>1,442.4</b>	<b>1,545.0</b>	<b>221.9</b>	<b>17.2</b>	<b>0.7</b>	<b>9,876.3</b>

(a) Not available for publication; included in 'All other crops, n.e.i.'. (b) Incomplete; see individual States and Territories.

TABLE 4. ALL CROPS, GROSS VALUE, AUSTRALIA, 1986-87 TO 1989-90  
(\$ million)

	1986-87 Coverage ratio(a)	1986-87	1987-88	1988-89	1989-90
<b>Crops (excluding pastures and grasses)—</b>					
Cereals for grain—					
Barley	97.8	423.0	454.9	558.1	708.8
Grain sorghum	98.0	158.3	202.7	188.1	135.5
Maize	95.3	29.6	30.3	34.4	38.6
Oats	97.4	160.5	191.0	232.6	178.0
Rice	99.2	84.4	115.7	146.6	141.0
Triticale	97.8	25.5	26.9	28.4	24.7
Wheat	98.7	2,379.4	2,002.8	2,950.3	2,775.1
Other	99.0	18.5	16.9	13.5	21.0
<i>Total cereals for grain</i>		<i>3,279.2</i>	<i>3,041.2</i>	<i>4,152.0</i>	<i>4,022.6</i>
Crops for hay—					
Oats	91.2	52.9	61.4	76.6	79.0
Wheat	95.1	14.1	16.6	18.6	16.9
Other	94.6	5.9	7.9	11.6	8.1
<i>Total crops for hay</i>		<i>72.9</i>	<i>85.8</i>	<i>106.8</i>	<i>104.0</i>
Other crops—					
Cotton	99.9	372.1	421.6	536.9	639.5
Fruit and nuts	93.3	785.9	832.1	951.6	1,022.1
Grapes	92.4	251.5	345.6	427.3	392.2
Hops	99.7	8.1	(b)	(b)	(b)
Legumes mainly for grain—					
Lupins	99.3	134.9	151.1	184.9	134.0
Other	97.7	153.6	175.9	182.8	160.5
Nursery production(c)	89.4	255.5	304.6	398.6	444.2
Oilseeds—					
Soybean	94.8	25.9	26.7	50.9	28.6
Sunflower	100.0	34.3	64.6	55.2	24.6
Other	99.2	25.2	27.9	33.5	31.8
Peanuts	95.3	39.8	31.7	25.1	17.8
Sugar cane—					
Cut for crushing	98.9	580.2	608.9	744.2	874.0
Cut for plants	98.0	7.8	9.1	9.9	12.4
Tobacco (dried leaf)	99.4	64.7	71.1	65.5	73.2
Vegetables(c)	98.1	868.2	928.4	1,165.3	1,328.2
All other crops, n.e.i.	97.0	44.6	115.3	67.3	71.5
<i>Total crops (excluding pastures and grasses)</i>		<i>7,004.4</i>	<i>7,241.6</i>	<i>9,157.8</i>	<i>9,381.1</i>
Pastures and grasses—					
Cut for hay—					
Lucerne	88.9	95.8	115.8	113.3	111.1
Other	88.1	234.3	222.8	308.6	328.0
<i>Total cut for hay</i>		<i>330.1</i>	<i>338.6</i>	<i>421.9</i>	<i>439.1</i>
Harvested for seed—					
Lucerne	98.7	8.2	10.3	6.8	8.8
Clovers	99.0	13.2	18.8	24.8	18.8
Other	98.7	23.5	29.3	31.9	28.5
<i>Total harvested for seed</i>		<i>44.9</i>	<i>58.4</i>	<i>63.6</i>	<i>56.2</i>
<i>Total pastures and grasses</i>		<i>375.0</i>	<i>397.0</i>	<i>485.5</i>	<i>495.3</i>
<b>Total crops</b>		<b>7,379.4</b>	<b>7,638.6</b>	<b>9,643.3</b>	<b>9,876.3</b>

(a) See paragraph 3 of Explanatory Notes. (b) Not available for publication; included in 'All other crops, n.e.i.'. (c) Excludes the Australian Capital Territory. Included in 'All other crops, n.e.i.'.

TABLE 5. ALL CROPS, LOCAL VALUE, 1989-90  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
<i>Crops (excluding pastures and grasses)—</i>									
<i>Cereals for grain—</i>									
Barley	95.6	102.2	44.8	222.0	92.0	3.6	—	—	560.2
Grain sorghum	44.6	0.1	78.7	—	0.1	—	1.4	—	124.9
Maize	14.5	0.1	17.8	—	0.9	—	0.1	—	33.5
Oats	47.3	29.8	2.2	24.5	46.7	2.0	—	—	152.5
Rice	118.3	—	5.4	—	—	—	0.1	—	123.7
Triticale	9.7	3.7	3.9	1.9	1.5	0.4	—	—	21.1
Wheat	509.0	313.3	227.4	453.5	798.8	0.5	—	—	2,302.4
Other	2.2	1.4	14.3	1.3	0.3	0.2	—	—	19.7
<i>Total cereals for grain</i>	<i>841.0</i>	<i>450.7</i>	<i>394.6</i>	<i>703.2</i>	<i>940.3</i>	<i>6.7</i>	<i>1.6</i>	<i>—</i>	<i>3,338.1</i>
<i>Crops for hay—</i>									
Oats	6.1	14.7	1.1	16.7	35.0	0.3	—	—	73.9
Wheat	2.2	1.6	0.4	3.4	8.2	0.1	—	—	15.8
Other	0.9	0.5	0.7	3.8	2.0	—	—	—	7.8
<i>Total crops for hay</i>	<i>9.2</i>	<i>16.7</i>	<i>2.1</i>	<i>23.8</i>	<i>45.2</i>	<i>0.4</i>	<i>—</i>	<i>—</i>	<i>97.5</i>
<i>Other crops—</i>									
Cotton	479.2	—	150.5	—	—	—	—	—	629.7
Fruit and nuts	220.1	198.9	219.6	105.1	41.2	22.1	2.0	—	808.9
Grapes	79.5	119.7	4.1	144.6	10.3	1.0	1.0	—	360.1
<i>Legumes mainly for grain—</i>									
Lupins	12.8	6.9	—	8.5	88.9	0.2	—	—	117.4
Other	13.4	66.0	19.4	40.4	4.4	0.2	0.1	—	143.8
Nursery production	148.7	82.0	73.4	17.1	47.0	14.2	3.6	(a)	(b)385.9
<i>Oilseeds—</i>									
Soybean	9.7	0.3	16.2	—	0.2	—	0.1	—	26.6
Sunflower	9.8	1.6	10.7	0.1	0.3	—	—	—	22.6
Other	15.9	8.0	0.7	2.4	0.2	—	—	—	27.1
Peanuts	0.6	—	8.0	—	—	—	—	—	8.6
<i>Sugar cane—</i>									
Cut for crushing	41.7	—	828.1	—	—	—	—	—	869.9
Cut for plants	—	—	12.4	—	—	—	—	—	12.4
Tobacco (dried leaf)	1.8	28.0	40.6	—	—	—	—	—	70.5
Vegetables	157.8	303.3	304.0	140.3	91.5	113.2	4.2	(a)	(b)1,114.2
All other crops, n.e.i.	6.0	26.9	4.6	7.0	2.7	16.3	—	0.5	63.9
<i>Total crops (excluding pastures and grasses)</i>	<i>2,047.2</i>	<i>1,309.0</i>	<i>2,088.9</i>	<i>1,192.5</i>	<i>1,272.2</i>	<i>174.3</i>	<i>12.5</i>	<i>0.5</i>	<i>8,097.1</i>
<i>Pastures and grasses—</i>									
<i>Cut for hay—</i>									
Lucerne	40.5	26.2	27.2	13.4	1.9	1.6	—	0.1	110.9
Other	39.5	191.7	5.7	27.8	38.8	23.5	0.4	—	327.5
<i>Total cut for hay</i>	<i>80.0</i>	<i>217.9</i>	<i>32.9</i>	<i>41.2</i>	<i>40.8</i>	<i>25.0</i>	<i>0.5</i>	<i>0.1</i>	<i>438.4</i>
<i>Harvested for seed—</i>									
Lucerne	1.6	0.1	—	6.5	—	—	—	—	8.2
Clovers	2.6	4.3	—	5.8	4.4	—	—	—	17.2
Other	3.6	7.7	7.3	4.0	2.4	0.7	0.2	—	25.9
<i>Total harvested for seed</i>	<i>7.8</i>	<i>12.1</i>	<i>7.3</i>	<i>16.3</i>	<i>6.7</i>	<i>0.8</i>	<i>0.2</i>	<i>—</i>	<i>51.3</i>
<i>Total pastures and grasses</i>	<i>87.9</i>	<i>230.1</i>	<i>40.1</i>	<i>57.6</i>	<i>47.5</i>	<i>25.8</i>	<i>0.7</i>	<i>—</i>	<i>489.7</i>
<b>Total crops</b>	<b>2,135.0</b>	<b>1,539.0</b>	<b>2,129.0</b>	<b>1,250.1</b>	<b>1,319.7</b>	<b>200.1</b>	<b>13.2</b>	<b>0.6</b>	<b>8,586.8</b>

(a) Not available for publication; included in 'All other crops, n.e.i.'. (b) Incomplete; see individual States and Territories.

TABLE 6. ALL CROPS, LOCAL VALUE, AUSTRALIA, 1986-87 TO 1989-90  
(\$ million)

	1986-87 Coverage ratio(a)	1986-87	1987-88	1988-89	1989-90
<b>Crops (excluding pastures and grasses)—</b>					
Cereals for grain—					
Barley	97.8	326.8	354.4	444.9	560.2
Grain sorghum	98.0	132.0	163.3	158.8	124.9
Maize	95.3	25.3	27.1	31.3	33.5
Oats	97.4	146.3	171.1	204.5	152.5
Rice	99.2	72.1	102.9	130.1	123.7
Triticale	97.8	20.8	21.6	24.7	21.1
Wheat	98.7	1,875.0	1,633.4	2,496.8	2,302.4
Other	99.0	15.9	13.8	12.6	19.7
<i>Total cereals for grain</i>		<i>2,614.3</i>	<i>2,487.6</i>	<i>3,503.7</i>	<i>3,338.1</i>
Crops for hay—					
Oats	91.2	52.9	61.2	76.5	73.9
Wheat	95.1	14.1	16.5	18.6	15.8
Other	94.6	5.9	7.9	11.6	7.8
<i>Total crops for hay</i>		<i>72.9</i>	<i>85.7</i>	<i>106.7</i>	<i>97.5</i>
Other crops—					
Cotton	99.9	368.0	412.3	527.4	629.7
Fruit and nuts	93.3	620.6	641.3	754.8	808.9
Grapes	92.4	225.8	313.1	397.9	360.1
Hops	99.7	7.5	(b)	(b)	(b)
Legumes mainly for grain—					
Lupins	99.3	119.1	136.6	165.4	117.4
Other	97.7	134.2	154.2	162.9	143.8
Nursery production(c)	89.4	223.4	264.1	346.7	385.9
Oilseeds—					
Soybean	94.8	24.1	25.1	46.4	26.6
Sunflower	100.0	31.5	59.6	49.3	22.6
Other	99.2	22.7	24.4	28.5	27.1
Peanuts	95.3	27.4	19.9	14.6	8.6
Sugar cane—					
Cut for crushing	98.9	575.2	605.2	740.6	869.9
Cut for plants	98.0	7.8	9.1	9.9	12.4
Tobacco (dried leaf)	99.4	62.0	68.2	62.9	70.5
Vegetables(c)	98.1	716.4	764.4	978.2	1,114.2
All other crops, n.e.i.	97.0	38.9	100.9	59.5	63.9
<i>Total crops (excluding pastures and grasses)</i>		<i>5,891.7</i>	<i>6,171.7</i>	<i>7,955.4</i>	<i>8,097.1</i>
Pastures and grasses—					
Cut for hay—					
Lucerne	88.9	95.7	115.6	113.1	110.9
Other	88.1	233.8	222.4	307.8	327.5
<i>Total cut for hay</i>		<i>329.5</i>	<i>338.0</i>	<i>420.9</i>	<i>438.4</i>
Harvested for seed—					
Lucerne	98.7	7.9	9.9	6.6	8.2
Clovers	99.0	12.1	17.7	23.2	17.2
Other	98.7	20.7	25.7	28.4	25.9
<i>Total harvested for seed</i>		<i>40.8</i>	<i>53.3</i>	<i>58.2</i>	<i>51.3</i>
<i>Total pastures and grasses</i>		<i>370.3</i>	<i>391.3</i>	<i>479.1</i>	<i>489.7</i>
<b>Total crops</b>		<b>6,262.0</b>	<b>6,563.0</b>	<b>8,434.5</b>	<b>8,586.8</b>

(a) See paragraph 3 of Explanatory Notes. (b) Not available for publication; included in 'All other crops, n.e.i.'. (c) Excludes the Australian Capital Territory. Included in 'All other crops, n.e.i.'.

TABLE 7. AVERAGE UNIT GROSS VALUE OF PRINCIPAL CROPS(a), AUSTRALIA, 1986-87 TO 1989-90  
(\$)

		1986-87	1987-88	1988-89	1989-90
Cereals for grain—					
Barley	tonne	120.70	132.45	171.91	175.25
Grain sorghum	"	113.21	124.18	151.27	143.24
Maize	"	144.49	144.90	159.02	176.33
Oats	"	99.87	108.47	126.65	108.53
Rice	"	154.95	156.41	195.88	166.68
Triticale	"	110.50	129.08	145.01	154.40
Wheat	"	146.65	165.16	211.71	194.27
Crops for hay (excluding pastures and grasses)					
	"	79.15	82.98	98.52	75.66
Cotton	kg	0.61	0.67	0.80	0.81
Fruit—					
Apples	tonne	624.03	612.14	729.87	662.50
Apricots	"	908.06	1,028.76	1,004.12	942.16
Bananas	"	790.85	696.49	693.11	1,005.83
Cherries	"	2,745.37	3,127.14	3,587.89	3,692.64
Lemons and limes	"	311.35	367.32	333.58	369.25
Oranges	"	245.95	298.48	443.92	361.16
Peaches	"	659.01	689.47	817.71	878.22
Pears	"	528.89	475.87	449.22	482.53
Pineapples	"	292.04	261.12	279.15	287.60
Plums and prunes	"	1,082.40	1,201.58	1,350.30	1,219.27
Strawberries	"	3,595.34	4,130.19	4,767.58	5,324.56
Grapes—					
Dried vine fruit (dried weight)	"	1,618.56	1,615.46	1,710.45	1,850.05
Table	"	1,178.34	1,471.21	1,229.01	1,185.49
Wine	"	247.95	374.02	509.85	449.31
Hops	kg	4.66	(b)	(b)	(b)
Lupins	tonne	168.89	176.79	199.47	173.59
Oilseeds—					
Soybeans	"	295.60	389.60	395.91	368.89
Sunflower	"	246.75	299.54	321.73	335.88
Peanuts	"	867.51	857.08	1,009.98	960.74
Sugar cane cut for crushing	"	23.11	24.52	27.41	32.44
Tobacco (dried leaf)	kg	5.35	5.56	5.75	5.95
Vegetables—					
Beans, french and runner	tonne	660.05	678.86	805.13	988.57
Cabbages and brussels sprouts	"	295.56	305.44	382.13	461.55
Carrots	"	316.69	339.56	509.35	514.92
Cauliflower	"	360.43	344.59	462.10	496.47
Lettuce	"	498.70	507.39	597.04	653.78
Mushrooms	"	3,333.34	3,325.18	3,328.09	3,661.13
Onions, white and brown	"	345.79	347.66	490.65	458.34
Potatoes	"	267.43	244.26	304.66	334.01
Tomatoes	"	426.70	421.55	502.66	529.64

(a) Obtained for each product by dividing the total gross value of commodities by the total quantity produced. Includes subsidy and bounty payments if based on production. (b) Not available for publication.

TABLE 8. FRUIT, GROSS VALUE, 1989-90  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	Aust.(a)
Orchard fruit (including nuts)—							
Citrus—							
Oranges	83.2	25.3	10.3	55.5	1.6	—	175.9
Lemons and limes	3.8	2.6	3.2	2.9	0.7	—	13.3
Mandarins	5.3	5.2	26.8	4.1	0.9	—	42.3
Other	5.1	2.7	0.7	2.1	0.8	—	11.4
<i>Total citrus</i>	<i>97.4</i>	<i>35.9</i>	<i>41.1</i>	<i>64.5</i>	<i>4.0</i>	<i>—</i>	<i>242.9</i>
Pome—							
Apples	50.1	64.3	23.3	23.9	18.7	31.4	(b)211.6
Pears	4.5	65.0	1.6	4.6	3.0	0.6	(b)79.3
Stone—							
Apricots	0.8	5.6	0.2	20.7	0.5	0.2	28.0
Cherries	10.6	4.1	—	2.2	0.2	0.3	17.4
Nectarines	7.8	4.8	2.6	0.5	1.6	0.1	17.4
Peaches	15.6	24.9	3.6	4.5	2.2	—	50.9
Plums and prunes	13.5	2.7	3.1	1.6	3.3	—	24.3
Other orchard, n.e.i. (including nuts)—							
Avocados	5.8	0.8	13.9	2.2	0.5	—	23.3
Mangoes	0.3	—	13.1	—	0.4	—	15.7
Almonds	—	8.8	—	5.6	—	—	14.4
Macadamia	13.3	—	8.7	—	—	—	22.0
Other	1.3	1.3	3.0	0.7	0.2	—	6.4
<i>Total orchard fruit (including nuts)</i>	<i>221.0</i>	<i>218.2</i>	<i>114.2</i>	<i>131.1</i>	<i>34.6</i>	<i>32.6</i>	<i>753.6</i>
Berry and small fruit—							
Strawberries	1.2	7.7	7.4	6.2	3.9	0.4	26.8
Other	0.6	3.4	0.1	0.3	—	0.8	5.3
<i>Total berry and small fruit</i>	<i>1.9</i>	<i>11.1</i>	<i>7.5</i>	<i>6.4</i>	<i>3.9</i>	<i>1.2</i>	<i>32.0</i>
Other fruit—							
Bananas	50.5	—	117.3	—	12.7	—	181.3
Pineapples	—	—	40.7	—	—	—	40.7
Other	2.2	3.6	7.9	0.2	0.5	—	14.4
<i>Total other fruit, n.e.i.</i>	<i>52.8</i>	<i>3.6</i>	<i>165.9</i>	<i>0.2</i>	<i>13.2</i>	<i>—</i>	<i>236.5</i>
<i>Total fruit (excluding grapes)</i>	<i>275.6</i>	<i>232.9</i>	<i>287.6</i>	<i>137.8</i>	<i>51.7</i>	<i>33.8</i>	<i>1,022.1</i>
Grapes—							
Fresh—							
Table	11.4	28.9	5.1	2.8	2.7	—	52.4
Wine	58.2	36.3	0.2	134.6	7.6	1.0	238.0
Dried—							
Currants	0.7	5.0	—	3.4	0.6	—	9.5
Raisins and lexias	1.3	3.9	—	0.8	—	—	6.1
Sultanas	13.9	67.1	—	5.2	—	—	86.3
<i>Total grapes</i>	<i>85.5</i>	<i>141.2</i>	<i>5.3</i>	<i>146.8</i>	<i>10.9</i>	<i>1.0</i>	<i>392.2</i>
<b>Total fruit</b>	<b>361.2</b>	<b>374.1</b>	<b>292.9</b>	<b>284.6</b>	<b>62.6</b>	<b>34.8</b>	<b>1,414.3</b>

(a) Includes the Northern Territory. (b) Excludes the Australian Capital Territory; included in 'All other crops, n.e.i.'.

TABLE 9. FRUIT, GROSS VALUE, AUSTRALIA, 1986-87 TO 1989-90  
(\$ million)

	1986-87 Coverage ratio(a)	1986-87	1987-88	1988-89	1989-90
Orchard fruit (including nuts)—					
Citrus—					
Oranges	95.5	120.4	143.9	177.0	175.9
Lemons and limes	91.8	12.6	12.5	11.6	13.3
Mandarins	90.4	24.9	29.2	33.7	42.3
Other	91.4	7.3	11.7	10.6	11.4
<i>Total citrus</i>		<i>165.2</i>	<i>197.3</i>	<i>232.9</i>	<i>242.9</i>
Pome(b)—					
Apples	96.5	197.3	183.1	235.6	211.6
Pears	97.5	74.9	77.0	63.9	79.3
Stone—					
Apricots	83.4	21.3	30.4	27.8	28.0
Cherries	88.0	10.5	14.2	14.0	17.4
Nectarines	89.7	9.2	13.3	17.4	17.4
Peaches	87.5	35.8	44.9	42.4	50.9
Plums and prunes	91.9	22.7	21.8	26.7	24.3
Other orchard, n.e.i. (including nuts)—					
Avocados	82.6	15.9	13.3	21.6	23.3
Mangoes	85.3	6.7	12.3	11.1	15.7
Almonds	84.0	14.1	16.4	12.0	14.4
Macadamia	87.0	8.9	12.4	15.7	22.0
Other	92.9	9.2	5.5	5.8	6.4
<i>Total orchard fruit (including nuts)</i>		<i>591.7</i>	<i>641.9</i>	<i>726.9</i>	<i>753.6</i>
Berry and small fruit—					
Strawberries	89.1	18.1	19.9	22.3	26.8
Other	75.2	3.1	5.7	6.9	5.3
<i>Total berry and small fruit</i>		<i>21.2</i>	<i>25.6</i>	<i>29.1</i>	<i>32.0</i>
Other fruit—					
Bananas	98.7	125.1	118.8	134.8	181.3
Pineapples	95.8	40.2	34.0	43.2	40.7
Other	78.3	7.7	11.9	17.6	14.4
<i>Total other fruit, n.e.i.</i>		<i>173.0</i>	<i>164.6</i>	<i>195.6</i>	<i>236.5</i>
<i>Total fruit (excluding grapes)</i>		<i>785.9</i>	<i>832.1</i>	<i>951.6</i>	<i>1,022.1</i>
Grapes—					
Fresh —					
Table	92.4	48.3	67.5	59.2	52.4
Wine	92.4	112.6	174.0	281.0	238.0
Dried—					
Currants	92.4	8.9	7.9	7.1	9.5
Raisins and lexias	92.4	7.9	4.3	4.7	6.1
Sultanas	92.4	73.8	91.8	75.3	86.3
<i>Total grapes</i>		<i>251.5</i>	<i>345.6</i>	<i>427.3</i>	<i>392.2</i>
<b>Total fruit</b>		<b>1,037.4</b>	<b>1,177.7</b>	<b>1,378.9</b>	<b>1,414.3</b>

(a) See paragraph 3 of Explanatory Notes. (b) Excludes the Australian Capital Territory; included in 'All other crops, n.e.i.'.

TABLE 10. FRUIT, LOCAL VALUE, 1989-90  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	Aust.(a)
Orchard fruit (including nuts)—							
Citrus—							
Oranges	61.3	19.3	7.3	38.1	1.3	—	127.3
Lemons and limes	3.1	2.0	2.5	1.9	0.6	—	10.2
Mandarins	4.2	4.8	21.1	2.4	0.7	—	33.2
Other	3.6	2.1	0.5	1.1	0.7	—	7.9
Total citrus	72.1	28.3	31.4	43.6	3.3	—	178.6
Pome—							
Apples	39.4	56.6	16.8	20.4	15.0	20.1	(b)168.2
Pears	3.5	52.5	1.2	3.8	2.5	0.4	(b)63.9
Stone—							
Apricots	0.7	4.8	0.2	16.3	0.4	0.1	22.7
Cherries	9.3	4.0	—	2.0	0.2	0.3	15.7
Nectarines	6.7	4.4	2.1	0.4	1.2	0.1	14.9
Peaches	13.7	22.5	3.0	3.8	1.8	—	44.8
Plums and prunes	8.8	2.4	2.5	1.3	3.0	—	17.9
Other orchard, n.e.i. (including nuts)—							
Avocados	4.6	0.8	11.1	1.9	0.4	—	18.8
Mangoes	0.3	—	10.3	—	0.3	—	12.2
Almonds	—	7.7	—	5.5	—	—	13.2
Macadamia	13.3	—	8.2	—	—	—	21.5
Other	1.1	1.1	2.5	0.7	0.2	—	5.4
Total orchard fruit (including nuts)	173.5	185.1	89.0	99.6	28.4	21.0	598.0
Berry and small fruit—							
Strawberries	1.1	7.2	6.0	5.1	3.4	0.3	23.1
Other	0.6	3.2	0.1	0.2	—	0.8	4.8
Total berry and small fruit	1.6	10.3	6.1	5.3	3.4	1.1	27.9
Other fruit—							
Bananas	43.1	—	86.1	—	9.0	—	138.9
Pineapples	—	—	32.5	—	—	—	32.5
Other	1.8	3.4	5.8	0.2	0.4	—	11.6
Total other fruit, n.e.i.	44.9	3.4	124.4	0.2	9.4	—	182.9
Total fruit (excluding grapes)	220.1	198.9	219.6	105.1	41.2	22.1	808.9
Grapes—							
Fresh—							
Table	9.3	23.1	3.9	2.4	2.1	—	41.9
Wine	58.2	36.3	0.2	134.6	7.6	1.0	238.0
Dried—							
Currants	0.5	4.2	—	2.8	0.5	—	8.0
Raisins and lexias	0.9	2.9	—	0.6	—	—	4.4
Sultanas	10.5	53.3	—	4.1	—	—	67.9
Total grapes	79.5	119.7	4.1	144.6	10.3	1.0	360.2
Total fruit	299.6	318.6	223.6	249.7	51.5	23.1	1,169.0

(a) Includes the Northern Territory. (b) Excludes the Australian Capital Territory; included in 'All other crops, n.e.i.'.



TABLE 11. FRUIT, LOCAL VALUE, AUSTRALIA, 1986-87 TO 1989-90  
(\$ million)

	1986-87 Coverage ratio(a)	1986-87	1987-88	1988-89	1989-90
Orchard fruit (including nuts)—					
Citrus—					
Oranges	95.5	75.3	88.8	125.0	127.3
Lemons and limes	91.8	9.0	9.3	8.8	10.2
Mandarins	90.4	18.8	22.2	26.6	33.2
Other	91.4	4.6	7.9	7.5	7.9
Total citrus		107.7	128.2	167.9	178.6
Pome(b)—					
Apples	96.5	160.0	146.2	192.5	168.2
Pears	97.5	61.3	61.7	50.9	63.9
Stone—					
Apricots	83.4	19.3	25.6	23.5	22.7
Cherries	88.0	9.3	13.0	12.7	15.7
Nectarines	89.7	7.8	11.4	15.0	14.9
Peaches	87.5	30.5	38.6	37.0	44.8
Plums and prunes	91.9	16.3	16.4	19.5	17.9
Other orchard, n.e.i. (including nuts)—					
Avocados	82.6	12.7	10.5	17.6	18.8
Mangoes	85.3	5.5	9.5	8.7	12.2
Almonds	84.0	13.2	15.3	13.6	13.2
Macadamia	87.0	8.9	12.1	15.3	21.5
Other	92.9	8.6	4.7	5.6	5.4
Total orchard fruit (including nuts)		461.1	493.2	579.8	598.0
Berry and small fruit—					
Strawberries	89.1	15.6	17.4	19.0	23.1
Other	75.2	2.8	5.3	6.1	4.8
Total berry and small fruit		18.4	22.7	25.1	27.9
Other fruit—					
Bananas	98.7	100.7	86.3	100.2	138.9
Pineapples	95.8	34.6	29.5	35.3	32.5
Other	78.3	5.8	9.6	14.4	11.6
Total other fruit, n.e.i.		141.1	125.4	149.9	182.9
Total fruit (excluding grapes)		620.6	641.3	754.8	808.9
Grapes—					
Fresh—					
Table	92.4	38.9	54.9	47.7	41.9
Wine	92.4	112.6	174.0	281.0	238.0
Dried—					
Currants	92.4	6.8	6.5	5.9	8.0
Raisins and lexias	92.4	5.6	3.1	3.3	4.4
Sultanas	92.4	61.9	74.4	60.1	67.9
Total grapes		225.8	313.1	397.9	360.2
Total fruit		846.4	954.4	1,152.7	1,169.0

(a) See paragraph 3 of Explanatory Notes. (b) Excludes the Australian Capital Territory; included in 'All other crops, n.e.i.'.

**TABLE 12. VEGETABLES FOR HUMAN CONSUMPTION, GROSS VALUE, 1989-90**  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	Aust.(a)
Beans, french and runner	4.2	3.5	23.8	0.4	2.0	3.9	38.0
Cabbages and brussels sprouts	5.3	15.0	6.0	8.2	2.1	1.9	38.7
Carrots	5.2	30.9	12.7	11.3	12.8	6.7	79.7
Cauliflower	3.7	12.8	5.3	6.0	13.5	2.6	44.1
Lettuce	4.7	17.7	20.9	8.6	5.5	0.8	58.3
Mushrooms	25.6	34.6	8.2	6.9	3.6	(b)	(c)78.8
Onions, white and brown	10.0	4.9	11.6	28.9	7.6	25.3	88.2
Peas	3.0	1.7	2.6	0.3	1.0	10.0	18.6
Potatoes	58.9	130.3	51.6	60.6	31.9	60.2	393.4
Pumpkins	6.7	3.0	20.3	2.2	2.9	0.6	36.3
Tomatoes	12.8	20.8	121.2	6.8	7.4	1.3	170.6
Other vegetables	50.9	71.6	105.1	24.9	19.5	6.6	283.4
<b>Total vegetables for human consumption</b>	<b>191.1</b>	<b>346.7</b>	<b>389.4</b>	<b>165.0</b>	<b>109.7</b>	<b>120.0</b>	<b>1,328.2</b>

(a) Includes the Northern Territory. Australian Capital Territory vegetables are confidential and are included in 'All other crops, n.e.i.'. (b) Not available for publication; included in 'Other vegetables'. (c) Incomplete; see individual States.

**TABLE 13. VEGETABLES FOR HUMAN CONSUMPTION, GROSS VALUE, AUSTRALIA, 1986-87 TO 1989-90**  
(\$ million)

	1986-87 Coverage ratio(a)	1986-87	1987-88	1988-89	1989-90
Beans, french and runner	94.5	18.9	22.1	28.8	38.0
Cabbages and brussels sprouts	95.6	23.8	24.2	36.7	38.7
Carrots	97.4	45.3	48.8	75.4	79.7
Cauliflower	96.7	32.0	38.6	36.8	44.1
Lettuce	95.2	39.8	43.1	53.0	58.3
Mushrooms(b)	100.0	50.7	61.8	65.0	78.8
Onions, white and brown	97.2	55.6	63.3	104.8	88.2
Peas	97.0	9.7	13.5	16.2	18.6
Potatoes	99.2	269.8	265.3	319.4	393.4
Pumpkins	91.9	21.5	17.2	26.4	36.3
Tomatoes	97.8	112.5	118.1	143.6	170.6
Other vegetables	92.7	188.6	212.4	259.2	283.4
<b>Total vegetables for human consumption</b>	<b>98.1</b>	<b>868.2</b>	<b>928.4</b>	<b>1,165.3</b>	<b>1,328.2</b>

(a) See paragraph 3 of Explanatory Notes. (b) Excludes Tasmania; included in 'Other vegetables'.

**TABLE 14. VEGETABLES FOR HUMAN CONSUMPTION, LOCAL VALUE, 1989-90**  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	Aust.(a)
Beans, french and runner	3.6	3.2	21.1	0.4	1.7	3.9	34.0
Cabbages and brussels sprouts	4.0	13.2	4.5	6.8	1.5	1.8	31.8
Carrots	4.1	27.6	10.0	9.7	10.8	6.2	68.5
Cauliflower	2.4	10.9	3.6	4.7	12.2	2.5	36.3
Lettuce	3.1	13.9	13.0	7.1	4.2	0.7	42.2
Mushrooms	22.0	33.6	7.2	6.6	3.1	(b)	(c)72.5
Onions, white and brown	7.5	4.2	9.2	24.1	5.7	22.4	73.1
Peas	2.8	1.3	2.6	0.2	1.0	10.0	18.0
Potatoes	48.1	117.9	41.4	52.3	28.3	57.5	345.5
Pumpkins	5.0	2.4	16.3	1.8	2.3	0.5	28.7
Tomatoes	11.9	11.3	94.2	5.7	5.8	1.3	130.4
Other vegetables	43.3	63.7	80.9	20.9	15.1	6.2	233.3
<b>Total vegetables for human consumption</b>	<b>157.8</b>	<b>303.3</b>	<b>304.0</b>	<b>140.3</b>	<b>91.5</b>	<b>113.2</b>	<b>1,114.2</b>

(a) Includes the Northern Territory. Australian Capital Territory vegetables are confidential and are included in 'All other crops, n.e.i.'. (b) Not available for publication; included in 'Other vegetables'. (c) Incomplete; see individual States.

**TABLE 15. VEGETABLES FOR HUMAN CONSUMPTION, LOCAL VALUE, AUSTRALIA, 1986-87 TO 1989-90**  
(\$ million)

	1986-87 Coverage ratio(a)	1986-87	1987-88	1988-89	1989-90
Beans, french and runner	94.5	16.9	19.4	25.6	34.0
Cabbages and brussels sprouts	95.6	18.6	18.8	28.9	31.8
Carrots	97.4	37.9	41.0	64.5	68.5
Cauliflower	96.7	25.5	29.5	30.3	36.3
Lettuce	95.2	28.8	32.0	39.5	42.2
Mushrooms(b)	100.0	46.3	57.1	60.0	72.5
Onions, white and brown	97.2	47.1	52.9	89.8	73.1
Peas	97.0	9.2	12.9	15.9	18.0
Potatoes	99.2	233.3	229.0	282.2	345.5
Pumpkins	91.9	16.5	12.7	21.1	28.7
Tomatoes	97.8	84.1	88.4	110.3	130.4
Other vegetables	92.7	152.2	170.7	210.1	233.3
<b>Total vegetables for human consumption</b>	<b>98.1</b>	<b>716.4</b>	<b>764.4</b>	<b>978.2</b>	<b>1,114.2</b>

(a) See paragraph 3 of Explanatory Notes. (b) Excludes Tasmania; included in 'Other vegetables'.

TABLE 16. PERCENTAGE COMPARISONS OF EVAO CUT-OFFS FOR SELECTED COMMODITIES  
 YEAR ENDED 31 MARCH 1989(a)  
 (Data for \$20,000 EVAO as a percentage of data for \$5,000 EVAO)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Crops (excluding pastures and grasses)—									
Cereals for grain—									
Barley	99.3	97.4	94.2	98.2	99.8	94.8	—	—	98.2
Grain sorghum	99.5	98.3	96.2	11.3	100.0	—	91.9	—	96.9
Maize	96.3	93.0	95.6	—	100.0	—	100.0	—	95.9
Oats	98.8	95.8	87.2	98.4	99.6	96.1	—	100.0	98.3
Rice	99.9	—	100.0	—	—	—	100.0	—	99.9
Triticale	99.2	97.0	90.6	98.7	99.9	97.2	—	—	98.1
Wheat	99.7	98.0	96.8	98.8	99.8	94.7	—	—	99.1
Other crops—									
Cotton	100.0	—	99.7	—	—	—	—	—	99.9
Fruit and nuts—									
Apples	98.9	98.3	98.3	97.7	97.4	99.2	—	—	98.4
Apricots	91.4	91.0	83.3	90.5	87.7	67.1	—	85.7	89.6
Bananas	89.4	—	96.3	—	99.9	—	100.0	—	93.2
Grapes	94.4	92.6	71.7	93.0	87.6	61.4	98.9	—	92.4
Macadamia nuts	84.9	13.6	89.8	—	28.2	—	—	—	87.1
Oranges	98.5	96.5	94.4	97.8	85.5	—	—	—	97.4
Peaches	94.7	94.2	91.0	93.4	92.1	58.1	—	38.5	93.8
Pears	98.4	96.8	97.7	94.3	96.7	98.0	—	—	96.8
Pineapples	64.4	—	97.0	—	—	—	100.0	—	97.0
Legumes mainly for grain—									
Lupins	99.4	97.2	43.5	98.8	99.9	99.8	—	—	99.7
Nursery production	90.8	79.7	87.7	94.3	91.6	95.6	91.7	—	88.0
Oilseeds—									
Soybean	98.7	67.3	93.9	—	100.0	—	100.0	—	95.6
Sunflower	99.7	96.7	98.3	97.9	100.0	100.0	—	—	98.6
Peanuts	100.0	—	96.8	—	100.0	—	100.0	—	96.8
Sugar cane for crushing	99.9	—	98.9	—	—	—	—	—	99.0
Tobacco	89.6	98.2	99.0	—	—	—	—	—	98.3
Vegetables—									
Beans, french and runner	95.2	82.9	95.9	54.1	96.9	98.1	100.0	—	94.5
Cabbages and brussels sprouts	94.2	96.7	92.9	96.3	98.6	99.2	100.0	80.2	95.3
Carrots	99.5	92.1	92.5	98.6	99.2	99.6	—	44.4	96.0
Cauliflower	98.0	97.5	95.6	95.5	99.6	98.2	—	80.0	97.7
Lettuce	96.1	99.7	93.9	99.6	99.4	97.9	100.0	84.4	97.3
Mushrooms	100.0	98.5	98.4	100.0	100.0	100.0	—	—	99.4
Onions, white and brown	99.5	97.6	96.9	99.3	98.8	97.3	100.0	—	98.3
Potatoes	99.2	97.1	97.2	98.7	99.6	97.7	—	—	97.9
Tomatoes	97.9	92.1	98.1	71.8	97.5	88.2	100.0	—	95.3
Pastures and grasses—									
Harvested for seed	99.7	99.9	93.3	99.9	100.0	100.0	100.0	—	99.0

(a) See Explanatory Notes, paragraph 3. Caution should be exercised when using these estimates because

— data collected from establishments with EVAO between \$5,000 and \$19,999 are not as rigorously edited as Census data.

— production data are not collected from these establishments, it is estimated on the basis of area or numbers using yields from Census data. Yields for Census establishments may differ from yields of establishments with EVAO less than \$20,000.

### III. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS

TABLE 17. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS(a), GROSS VALUE, 1989-90  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Cattle and calves(b)	1,148.7	706.9	1,397.3	177.3	225.0	99.9	103.5	1.9	3,860.5
Sheep and lambs(c)	160.3	180.2	28.8	97.3	105.2	13.2	—	0.5	585.4
Pigs	205.7	150.4	151.3	73.1	63.3	n.p.	n.p.	—	656.0
Poultry	(d)369.8	180.0	95.1	53.5	60.3	n.p.	n.p.	(e)	777.9
Goats	2.3	2.4	n.a.	n.a.	0.3	0.1	—	—	(f)5.2
Buffalo	—	—	—	—	—	—	8.2	—	8.2
<b>Total</b>	<b>1,886.7</b>	<b>1,219.9</b>	<b>1,672.5</b>	<b>401.2</b>	<b>454.1</b>	<b>140.8</b>	<b>115.6</b>	<b>2.4</b>	<b>5,893.3</b>

(a) Includes net exports of livestock. Exports interstate for slaughter can only be identified between the Northern Territory and adjacent States. (b) Includes dairy cattle slaughtered. (c) Excludes value of wool on skins. (d) Includes the Australian Capital Territory. (e) Included in New South Wales. (f) Incomplete; excludes Queensland and South Australia.

TABLE 18. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS(a), GROSS VALUE, AUSTRALIA, 1986-87 TO 1989-90  
(\$ million)

	1986-87	1987-88	1988-89	1989-90
Cattle and calves(b)	2,824.7	3,047.9	3,189.6	3,860.5
Sheep and lambs(c)	721.2	803.9	738.3	585.4
Pigs	(d)468.5	(d)536.1	629.3	656.0
Poultry	(d)601.7	(d)671.2	730.3	777.9
Goats	n.a.	6.1	(e)6.8	(e)5.2
Buffalo	8.7	9.1	8.0	8.2
<b>Total</b>	<b>(d)4,624.6</b>	<b>(d)5,074.3</b>	<b>5,302.3</b>	<b>5,893.3</b>

(a) Includes net exports of livestock. (b) Includes dairy cattle slaughtered but excludes buffalo. (c) Excludes value of wool on skins. (d) Excludes pigs and poultry in the Northern Territory. (e) Incomplete; excludes Queensland and South Australia.

TABLE 19. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS(a), LOCAL VALUE, 1989-90  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Cattle and calves(b)	1,080.5	662.1	1,284.9	162.0	205.7	93.5	91.6	1.8	3,582.2
Sheep and lambs(c)	139.9	158.1	20.9	81.6	82.7	11.3	—	0.4	495.0
Pigs	190.6	142.3	138.7	67.9	57.8	n.p.	n.p.	—	608.7
Poultry	(d)369.7	180.0	95.1	51.5	60.3	n.p.	n.p.	(e)	775.8
Goats	1.7	2.2	n.a.	n.a.	0.2	0.1	—	—	(f)4.2
Buffalo	—	—	—	—	—	—	7.4	—	7.4
<b>Total</b>	<b>1,782.4</b>	<b>1,144.8</b>	<b>1,539.6</b>	<b>362.9</b>	<b>406.7</b>	<b>131.7</b>	<b>102.8</b>	<b>2.2</b>	<b>5,473.2</b>

(a) Includes net exports of livestock. Exports interstate for slaughter can only be identified between the Northern Territory and adjacent States. (b) Includes dairy cattle slaughtered. (c) Excludes value of wool on skins. (d) Includes the Australian Capital Territory. (e) Included in New South Wales. (f) Incomplete; excludes Queensland and South Australia.

TABLE 20. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS(a), LOCAL VALUE, AUSTRALIA, 1986-87 TO 1989-90  
(\$ million)

	1986-87	1987-88	1988-89	1989-90
Cattle and calves(b)	2,591.9	2,814.1	2,954.0	3,582.2
Sheep and lambs(c)	634.2	705.5	649.1	495.0
Pigs	(d)432.6	(d)494.6	582.2	608.7
Poultry	(d)599.3	(d)669.0	728.5	775.8
Goats	n.a.	5.3	(e)6.0	(e)4.2
Buffalo	7.9	8.2	7.4	7.4
<b>Total(d)</b>	<b>(d)4,265.9</b>	<b>(d)4,696.7</b>	<b>4,927.3</b>	<b>5,473.2</b>

(a) Includes net exports of livestock. (b) Includes dairy cattle slaughtered but excludes buffalos. (c) Excludes value of wool on skins. (d) Excludes pigs and poultry in the Northern Territory. (e) Incomplete; excludes Queensland and South Australia.

TABLE 21. AVERAGE UNIT GROSS VALUE OF LIVESTOCK SLAUGHTERINGS(a), AUSTRALIA, 1986-87 TO 1989-90  
(\$)

		1986-87	1987-88	1988-89	1989-90
Cattle and calves(b)	per animal	347.52	367.39	432.69	382.60
Sheep and lambs(c)	"	15.92	17.75	18.32	15.35
Pigs	"	(d)99.06	(d)108.80	125.61	128.43
Poultry	"	(d)2.10	(d)2.27	2.52	2.55
Goats	"	n.a.	10.27	(e)27.43	(e)10.38
Buffalo	"	—	—	—	334.71

(a) Obtained by dividing the total gross value of slaughterings by the total number of animals slaughtered. (b) Includes dairy cattle slaughtered. (c) Excludes value of wool on skins. (d) Excludes the Northern Territory. (e) Incomplete; excludes Queensland and South Australia.

## IV. LIVESTOCK PRODUCTS

TABLE 22. LIVESTOCK PRODUCTS, GROSS VALUE, 1989-90  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Wool—									
Shorn	2,077.4	1,045.0	457.4	585.8	1,244.9	158.5	—	3.0	5,572.2
Other(a)	55.2	54.7	9.3	11.5	8.7	3.4	—	3.2	146.0
<i>Total wool</i>	<i>2,132.6</i>	<i>1,099.8</i>	<i>466.7</i>	<i>597.3</i>	<i>1,253.6</i>	<i>161.9</i>	—	<i>6.3</i>	<i>5,718.1</i>
Liquid whole milk used for—									
Manufacturing	64.0	787.9	74.8	39.6	23.3	68.9	—	—	1,058.5
Human consumption	238.9	169.0	146.3	59.3	57.0	19.6	n.p.	0.5	(b)690.5
<i>Total whole milk production</i>	<i>302.9</i>	<i>956.9</i>	<i>221.0</i>	<i>98.9</i>	<i>80.3</i>	<i>88.5</i>	<i>n.p.</i>	<i>0.5</i>	<i>(b)1,749.0</i>
Eggs	100.7	84.6	54.3	23.9	32.7	9.3	n.p.	6.3	(b)311.8
Honey	7.7	7.0	4.2	3.1	3.0	1.2	—	—	26.1
Beeswax	0.4	0.2	0.3	0.2	(c)0.4	—	—	—	1.5
<b>Total livestock products</b>	<b>2,544.3</b>	<b>2,148.5</b>	<b>746.5</b>	<b>723.3</b>	<b>1,370.0</b>	<b>261.0</b>	<b>n.p.</b>	<b>13.1</b>	<b>(d)7,806.7</b>

(a) Includes dead and fellmongered wool and wool on skins. (b) Incomplete; see individual States. (c) Includes pollen. (d) Excludes milk and eggs in the Northern Territory.

TABLE 23. LIVESTOCK PRODUCTS, GROSS VALUE, AUSTRALIA, 1986-87 TO 1989-90  
(\$ million)

	1986-87	1987-88	1988-89	1989-90
Wool—				
Shorn	3,155.7	5,316.4	5,770.1	5,572.2
Other(a)	177.9	200.9	135.8	146.0
<i>Total wool</i>	<i>3,333.6</i>	<i>5,517.3</i>	<i>5,906.0</i>	<i>5,718.1</i>
Liquid whole milk used for—				
Manufacturing	687.3	805.2	981.0	1,058.5
Human consumption	570.1	585.7	654.1	690.5
<i>Total whole milk production</i>	<i>1,257.4</i>	<i>1,390.9</i>	<i>1,635.1</i>	<i>1,749.0</i>
Eggs	291.6	304.4	321.4	311.8
Honey	31.0	32.5	29.6	26.1
Beeswax	2.0	1.9	2.0	1.5
<b>Total livestock products</b>	<b>(b)4,915.6</b>	<b>(b)7,247.0</b>	<b>(c)7,894.0</b>	<b>(c)7,806.7</b>

(a) Includes dead and fellmongered wool and wool on skins. (b) Excludes milk and eggs in the Northern Territory and the Australian Capital Territory. (c) Excludes milk and eggs in the Northern Territory.

**TABLE 24. LIVESTOCK PRODUCTS, LOCAL VALUE, 1989-90**  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Wool—									
Shorn	1,989.7	981.0	437.4	552.9	1,209.6	146.9	—	2.9	5,320.5
Other(a)	55.2	54.7	9.3	10.2	8.7	3.4	—	3.2	144.7
<i>Total wool</i>	<i>2,044.9</i>	<i>1,035.8</i>	<i>446.7</i>	<i>563.1</i>	<i>1,218.2</i>	<i>150.3</i>	—	<i>6.1</i>	<i>5,465.2</i>
Liquid whole milk used for—									
Manufacturing	64.0	787.9	74.8	39.6	23.3	68.9	—	—	1,058.5
Human consumption	238.9	169.0	146.3	59.3	57.0	19.6	n.p.	0.5	(b)690.5
<i>Total whole milk production</i>	<i>302.9</i>	<i>956.9</i>	<i>221.0</i>	<i>98.9</i>	<i>80.3</i>	<i>88.5</i>	<i>n.p.</i>	<i>0.5</i>	<i>(b)1,749.0</i>
Eggs	90.9	73.8	40.6	23.9	25.5	8.2	n.p.	5.8	(b)268.6
Honey	7.7	7.0	4.2	2.9	3.0	1.0	—	—	25.8
Beeswax	0.4	0.2	0.3	0.2	(c)0.4	—	—	—	1.5
<b>Total livestock products</b>	<b>2,446.8</b>	<b>2,073.7</b>	<b>712.8</b>	<b>689.0</b>	<b>1,327.4</b>	<b>248.1</b>	<b>n.p.</b>	<b>12.4</b>	<b>(d)7,510.2</b>

(a) Includes dead and fellmongered wool and wool on skins. (b) Incomplete; see individual States. (c) Includes pollen. (d) Excludes milk and eggs in the Northern Territory.

**TABLE 25. LIVESTOCK PRODUCTS, LOCAL VALUE, AUSTRALIA, 1986-87 TO 1989-90**  
(\$ million)

	1986-87	1987-88	1988-89	1989-90
Wool—				
Shorn	2,969.1	5,107.6	5,534.1	5,320.5
Other(a)	174.6	197.8	134.6	144.7
<i>Total wool</i>	<i>3,143.8</i>	<i>5,305.4</i>	<i>5,668.8</i>	<i>5,465.2</i>
Liquid whole milk used for—				
Manufacturing	687.3	805.2	981.0	1,058.5
Human consumption	570.1	585.7	654.1	690.5
<i>Total whole milk production</i>	<i>1,257.4</i>	<i>1,390.9</i>	<i>1,635.1</i>	<i>1,749.0</i>
Eggs	241.5	251.8	265.9	268.6
Honey	30.6	32.0	29.2	25.8
Beeswax	2.0	1.9	2.0	1.5
<b>Total livestock products</b>	<b>(b)4,675.3</b>	<b>(b)6,982.0</b>	<b>(c)7,601.0</b>	<b>(c)7,510.2</b>

(a) Includes dead and fellmongered wool and wool on skins. (b) Excludes milk and eggs in the Northern Territory and the Australian Capital Territory. (c) Excludes milk and eggs in the Northern Territory.

**TABLE 26. AVERAGE UNIT GROSS VALUE OF LIVESTOCK PRODUCTS(a), AUSTRALIA, 1986-87 TO 1989-90**  
(\$)

		1986-87	1987-88	1988-89	1989-90
Wool	kg	3.76	6.01	(b)6.18	5.20
Liquid whole milk used for—					
Manufacturing	litre	(c)0.15	(c)0.18	(c)0.21	(d)0.23
Human consumption	"	(c)0.34	(c)0.35	(c)0.38	(d)0.41
<i>Total whole milk production</i>	"	<i>(c)0.20</i>	<i>(c)0.23</i>	<i>(c)0.26</i>	<i>(d)0.28</i>
Eggs	doz	(c)1.39	(c)1.41	(c)1.56	(d)1.53
Honey	kg	1.16	1.13	(b)1.03	(b)1.09

(a) Obtained for each product by dividing the total gross value of commodities by the total quantity produced. (b) Excludes the Australian Capital Territory. (c) Excludes the Australian Capital Territory and the Northern Territory. (d) Excludes the Northern Territory.

## V. OTHER

TABLE 27. GROSS VALUE OF SELECTED AGRICULTURAL COMMODITIES PRODUCED, CLASSIFIED BY INDUSTRY OF PRODUCING ESTABLISHMENT, AUSTRALIA, 1989-90  
(\$ million)

	0181		0183		0184		0185		0186		0187		0188		0191-6		Total
	0124-5	0134-6	0143-4	0182	0183	0184	0185	0186	0187	0188	0191-6	0191-6	0191-6	0191-6	0191-6	0191-6	
	Poultry	Fruit	Vegetables	Cereal grains incl. oilseeds n.e.c.	Meat cattle-cereal grains	Sheep-cattle meat	Sheep-cattle meat	Sheep-cattle meat	Sheep-cattle meat	Sheep-cattle meat	Sheep-cattle meat	Sheep-cattle meat	Sheep-cattle meat	Sheep-cattle meat	Sheep-cattle meat	Sheep-cattle meat	
Crops—																	
Barley for grain	0.9	0.5	2.5	198.1	23.8	5.0	31.2	3.8	6.2	12.4	5.9	1.2	708.8				
Grain sorghum for grain	0.5	—	1.3	87.1	23.5	1.0	1.0	1.9	1.4	2.9	4.5	0.4	135.5				
Oats for grain	0.2	0.1	0.5	14.0	2.2	6.6	56.1	1.5	1.2	0.7	0.8	0.4	178.0				
Wheat for grain	3.0	1.9	2.5	820.7	134.8	11.0	47.0	8.0	3.3	13.2	38.0	3.3	2,775.1				
Cotton	—	—	0.3	25.3	0.1	—	4.3	2.4	—	1.3	574.0	19.6	639.5				
Sugar cane cut for crushing	—	4.6	11.3	0.8	—	—	—	2.7	1.0	0.3	850.3	3.0	874.0				
Orchard fruit—																	
Citrus	1.1	230.6	4.1	0.9	—	0.1	2.4	0.5	0.2	0.2	0.6	1.8	242.9				
Pome	0.2	280.8	2.0	—	—	0.4	3.2	1.2	0.3	0.3	0.4	1.9	290.9				
Stone and other orchard	0.8	157.9	6.7	0.3	0.1	0.5	2.3	2.0	0.5	0.2	9.5	1.4	182.2				
Nuts	0.1	34.7	0.5	0.3	—	0.1	0.4	0.2	0.3	—	0.7	0.2	37.6				
Grapes	0.4	370.2	2.2	1.6	—	—	2.3	0.4	0.6	0.1	0.6	13.9	392.5				
Vegetables—																	
Carrots	—	0.4	77.6	—	—	—	0.6	—	0.1	—	—	0.9	79.7				
Onions	—	0.4	85.7	0.3	—	—	0.4	—	0.5	0.1	0.2	0.7	88.2				
Potatoes	—	2.2	349.4	1.0	—	0.3	17.5	4.4	13.4	1.1	1.8	2.2	393.4				
Tomatoes	—	3.8	158.3	0.7	—	0.3	1.8	0.2	0.7	—	4.8	0.1	170.6				
Livestock slaughtering and other disposals(a)—																	
Cattle and calves(b)	5.0	16.2	39.5	49.5	198.9	557.9	240.2	1,985.0	554.4	25.5	58.8	25.5	3,860.9				
Sheep and lambs(c)	0.4	0.9	4.5	10.6	0.8	76.3	297.4	2.5	3.1	2.9	3.1	2.1	585.4				
Pigs	3.7	1.0	1.4	33.8	1.7	1.1	24.0	8.7	13.7	525.8	1.0	11.5	656.0				
Poultry	747.2	2.3	1.7	3.5	—	—	0.7	0.3	4.2	0.1	—	17.2	777.9				
Livestock products—																	
Wool(d)	2.9	6.9	17.7	106.9	7.4	644.4	3,144.1	15.4	15.4	20.6	25.7	16.6	5,718.1				
Milk(e)	2.6	2.6	11.4	3.3	0.2	0.7	8.2	4.5	1,697.9	6.5	3.5	6.6	1,749.0				
Eggs(e)	298.3	0.1	0.3	2.7	—	—	1.6	0.2	0.2	4.4	—	2.6	311.8				

(a) Includes net exports of livestock. (b) Includes dairy cattle and buffaloes slaughtered. (c) Excludes value of wool on skins. (d) Includes dead and fellmongered wool and wool on skins. (e) Excludes the Northern Territory.

TABLE 28. GROSS VALUE OF AGRICULTURAL COMMODITIES PRODUCED AND OUTPUT, AUSTRALIA, 1978-79 TO 1989-90(a)

(\$ million)

	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
<b>Crops—</b>												
Barley for grain	339.1	449.8	380.9	463.5	287.6	732.6	759.3	586.8	423.0	454.9	558.1	708.8
Oats for grain	100.5	98.8	139.5	155.7	116.1	203.8	129.6	138.3	160.5	191.0	232.6	178.0
Wheat for grain	2,295.8	2,478.0	1,684.1	2,599.4	1,566.2	3,605.6	3,202.9	2,693.7	2,379.4	2,002.8	2,950.3	2,775.1
Other cereal grains	222.3	218.9	327.6	294.1	260.5	408.7	400.8	346.4	316.3	392.5	411.0	360.8
Sugar cane cut for crushing	396.5	548.2	799.7	590.2	508.9	516.6	512.2	494.2	580.2	608.9	744.2	874.0
Fruit and nuts	387.7	406.6	459.8	464.4	508.6	552.5	670.9	678.6	785.9	832.1	951.6	1,022.1
Grapes	150.1	231.1	178.2	222.8	212.5	217.0	259.4	270.0	251.5	345.6	427.3	392.5
Vegetables	403.4	402.3	509.0	554.3	556.9	738.6	628.8	713.6	868.2	928.4	1,165.3	1,328.2
All other crops, n.e.i.(b)	617.2	707.3	827.2	967.6	999.5	1,451.1	1,303.5	1,430.4	1,614.4	1,882.4	2,202.9	2,236.8
<b>Total crops</b>	<b>4,912.5</b>	<b>5,540.8</b>	<b>5,305.9</b>	<b>6,312.1</b>	<b>5,016.8</b>	<b>8,426.5</b>	<b>7,867.4</b>	<b>7,352.0</b>	<b>7,379.4</b>	<b>7,638.6</b>	<b>9,643.3</b>	<b>9,876.3</b>
<b>Livestock slaughtering and other disposals(c)—</b>												
Cattle and calves(d)	2,154.6	2,386.0	2,056.5	1,890.1	2,076.2	2,118.0	2,253.2	2,393.9	2,833.3	3,057.0	3,197.6	3,860.5
Sheep and lambs	445.1	654.3	718.9	646.7	548.0	585.0	576.1	531.6	721.2	803.9	738.3	585.4
Pigs	253.8	311.3	337.5	396.1	414.9	375.5	438.1	(e)438.3	(e)468.5	(e)536.1	(e)629.3	656.0
Poultry	244.2	307.2	361.4	362.7	412.7	430.2	512.6	(e)559.1	(e)601.7	(e)671.2	(e)730.3	777.9
<b>Total livestock slaughtering and other disposals</b>	<b>3,097.7</b>	<b>3,658.8</b>	<b>3,474.3</b>	<b>3,295.6</b>	<b>3,451.8</b>	<b>3,508.6</b>	<b>(f)3,783.3</b>	<b>(e)3,923.0</b>	<b>(e)4,624.6</b>	<b>(e)5,074.3</b>	<b>(e)5,302.3</b>	<b>(f)5,893.3</b>
<b>Livestock products—</b>												
Wool	1,374.5	1,651.4	1,669.5	1,788.7	1,760.9	2,016.1	2,434.4	2,693.4	3,333.6	5,517.3	5,906.0	5,718.1
Milk	627.7	676.0	885.1	1,033.9	1,186.5	1,153.2	1,035.4	1,106.7	1,257.4	1,390.9	1,635.1	1,749.0
Eggs	196.9	216.1	227.4	253.4	275.3	295.2	291.2	297.7	291.6	304.4	321.4	311.8
<b>Total livestock products(g)</b>	<b>2,214.5</b>	<b>2,564.3</b>	<b>(h)2,803.8</b>	<b>(h)3,100.6</b>	<b>(h)3,245.8</b>	<b>(h)3,489.8</b>	<b>(i)3,792.8</b>	<b>(j)4,125.3</b>	<b>(j)4,915.6</b>	<b>(i)7,247.0</b>	<b>(k)7,894.0</b>	<b>(l)7,806.7</b>
<b>Total value of agricultural commodities produced</b>	<b>10,224.7</b>	<b>11,763.9</b>	<b>11,584.1</b>	<b>12,708.3</b>	<b>11,714.5</b>	<b>15,424.9</b>	<b>15,443.5</b>	<b>(m)15,406.9</b>	<b>(m)16,927.8</b>	<b>(m)19,962.5</b>	<b>(n)22,840.4</b>	<b>23,585.1</b>
<b>Less seed and fodder consumed or retained on farms(b)</b>	<b>513.2</b>	<b>638.6</b>	<b>829.2</b>	<b>829.5</b>	<b>1,069.0</b>	<b>1,139.1</b>	<b>720.1</b>	<b>796.4</b>	<b>883.5</b>	<b>907.9</b>	<b>1,159.8</b>	<b>1,081.3</b>
<b>Total value of agricultural commodities output</b>	<b>9,711.5</b>	<b>11,125.3</b>	<b>10,754.9</b>	<b>11,878.8</b>	<b>10,645.5</b>	<b>14,285.8</b>	<b>14,723.4</b>	<b>14,610.5</b>	<b>16,044.3</b>	<b>19,054.6</b>	<b>21,680.6</b>	<b>22,503.8</b>

(a) From 1986-87 there is a break in series for crops. Refer to paragraph 3 of Explanatory Notes. (b) Includes pastures and grasses. Excludes crops for green feed or silage. (c) Includes net exports of livestock. (d) Includes dairy cattle slaughtered and buffaloes slaughtered in the Northern Territory. (e) Excludes Northern Territory pigs and poultry. (f) Includes goat slaughtering and exports. (g) Includes honey and beeswax. (h) Includes Australian Capital Territory milk and eggs. Excludes Northern Territory milk. (i) Includes cashmere, cashgora, mohair and liquid goat milk. Excludes the Northern Territory and the Australian Capital Territory milk and eggs. (j) Excludes the Northern Territory and the Australian Capital Territory milk and eggs. (k) Excludes the Northern Territory milk and eggs. (l) Includes the Northern Territory pigs, poultry, milk and eggs. (m) Includes the Northern Territory pigs, poultry, milk and eggs. (n) Includes the Northern Territory pigs, poultry, milk and eggs and the Australian Capital Territory milk and eggs.



TABLE 29. INDEXES OF VALUES AT CONSTANT PRICES OF AGRICULTURAL COMMODITIES PRODUCED AND OUTPUT(a), 1978-79 TO 1989-90  
(1984-85 = 100.0)

	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
<b>Crops—</b>												
Barley for grain	72.1	66.7	48.3	62.1	34.9	88.0	100.0	87.6	64.5	62.5	59.6	72.8
Oats for grain	125.1	100.1	80.1	114.8	60.4	163.0	100.0	94.3	117.1	127.6	132.5	116.4
Wheat for grain	96.7	86.0	57.2	87.3	46.9	117.9	100.0	85.7	88.0	65.2	75.0	75.9
Other cereal grains	81.6	67.0	83.2	95.2	66.2	110.7	100.0	97.4	92.4	106.6	89.9	79.9
Sugar cane(b)	84.2	85.7	95.9	99.5	102.1	91.7	100.0	98.7	96.7	97.8	103.6	104.9
Fruit and nuts	91.0	89.5	95.3	88.7	91.3	87.2	100.0	100.7	109.9	113.8	109.7	116.0
Grapes	78.1	94.1	80.9	92.9	88.5	92.7	100.0	101.8	93.6	92.1	100.2	91.2
Vegetables	80.3	79.9	79.5	83.6	81.9	86.5	100.0	98.8	104.6	117.8	117.2	126.4
All other crops, n.e.i.(c)	66.2	64.6	62.3	70.5	58.6	88.4	100.0	102.4	105.3	113.4	113.3	110.1
<b>Total crops</b>	<b>85.8</b>	<b>80.0</b>	<b>67.2</b>	<b>83.7</b>	<b>60.4</b>	<b>102.8</b>	<b>100.0</b>	<b>93.1</b>	<b>93.2</b>	<b>87.3</b>	<b>90.6</b>	<b>92.0</b>
<b>Livestock slaughtering and other disposals—</b>												
Cattle and calves(d)	154.0	119.4	112.0	120.1	117.8	102.6	100.0	105.7	113.8	120.2	113.9	128.0
Sheep and lambs	81.0	98.4	101.1	94.0	101.3	94.9	100.0	106.5	110.6	107.3	100.7	100.4
Pigs	76.3	84.4	89.5	87.5	91.7	97.3	100.0	104.1	108.6	114.1	118.4	121.8
Poultry	78.5	90.7	87.8	80.9	90.7	86.3	100.0	106.3	110.0	116.1	117.8	123.1
<b>Total livestock slaughtering and other disposals(e)</b>	<b>123.7</b>	<b>108.2</b>	<b>104.4</b>	<b>107.0</b>	<b>108.6</b>	<b>98.6</b>	<b>100.0</b>	<b>105.7</b>	<b>112.2</b>	<b>117.0</b>	<b>112.9</b>	<b>122.4</b>
<b>Livestock products—</b>												
Wool	85.0	85.5	84.6	86.6	85.0	87.7	100.0	100.2	107.0	110.9	115.4	132.8
Milk	93.0	90.2	85.4	86.2	91.2	98.1	100.0	99.6	101.9	101.5	103.8	103.3
Eggs	115.3	113.3	108.6	105.0	108.9	106.0	100.0	101.0	102.2	105.1	101.0	99.9
<b>Total livestock products(f)</b>	<b>89.4</b>	<b>88.9</b>	<b>86.6</b>	<b>87.9</b>	<b>88.5</b>	<b>92.0</b>	<b>100.0</b>	<b>100.0</b>	<b>105.2</b>	<b>107.8</b>	<b>111.0</b>	<b>121.9</b>
<b>Total agricultural commodities produced</b>	<b>96.0</b>	<b>89.1</b>	<b>81.1</b>	<b>90.5</b>	<b>79.1</b>	<b>99.1</b>	<b>100.0</b>	<b>97.9</b>	<b>100.9</b>	<b>99.6</b>	<b>101.1</b>	<b>106.8</b>
<b>Less seed and fodder consumed or retained on farms</b>	<b>106.8</b>	<b>108.0</b>	<b>111.8</b>	<b>110.1</b>	<b>77.4</b>	<b>138.6</b>	<b>100.0</b>	<b>100.2</b>	<b>108.5</b>	<b>104.5</b>	<b>112.6</b>	<b>111.8</b>
<b>Agricultural commodities output</b>	<b>95.4</b>	<b>88.2</b>	<b>79.6</b>	<b>89.5</b>	<b>79.2</b>	<b>97.2</b>	<b>100.0</b>	<b>97.8</b>	<b>100.5</b>	<b>99.4</b>	<b>100.5</b>	<b>106.6</b>

(a) Indexes of values at constant prices (weighted by average unit values of the year 1984-85). (b) Sugar cane cut for crushing and planting. (c) Includes pastures and grasses. Excludes crops for green feed or silage. (d) Includes dairy cattle slaughtered. (e) Component series based on carcass weight. (f) Includes honey and beeswax.

## EXPLANATORY NOTES

### Introduction

This publication contains 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 all agricultural commodities; unit gross values of selected commodities; gross value of production of selected commodities classified by industry of the producing establishment; and indexes at constant prices of agricultural commodities produced. (For further information on the industry dissection of the gross value of production of selected commodities see paragraph 8 below, and on indexes at constant prices see paragraph 12 below).

### Scope and coverage

2. The statistics are derived by multiplying quantity data by price (or unit value) data. The quantity data are collected in Agricultural Censuses and other ABS collections with some information from external sources. All price information is obtained from non-ABS sources.

3. The ABS excludes from the Census those establishments which make only a small contribution to overall agricultural production. Estimates of VACP are on the same basis as previous years for livestock slaughterings and livestock products. From 1989-90 crop estimates are based on production from farms having a minimum Estimated Value of Agricultural Operations (EVAO) of \$20,000. In previous years estimates were based on farms with EVAO of \$5,000 or more. To enable some comparison with 1989-90 data the Australian level statistics for 1986-87, 1987-88 and 1988-89 in this publication have been recalculated based on the new \$20,000 cut off, using the respective coverage ratios for each year. Coverage ratios at the State level for 1988-89 are presented in Table 16. 1986-87 Coverage ratios at the Australian level are listed in Tables 4, 6, 9, 11, 13 and 15 to facilitate comparisons with earlier series if required. Coverage ratios reflect the percentage contribution of farms with EVAO of \$20,000 and over, to the total for farms with EVAO of \$5,000 and over.

### Information sources

4. *Quantity data.* 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 1989-90 season relates to the harvesting period October 1989 to February 1990. Statistics of other crops which in some States are harvested after 31 March 1990 (e.g. maize and potatoes) are collected by supplementary census returns. Information covering such commodities as livestock slaughterings, dairy produce and beekeeping is obtained from separate collections and from organisations such as the Department of Primary Industries and Energy, Australian Dairy Corporation, etc.

5. *Price data.* 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.

### Definitions of terms used

6. The following are brief definitions of the terms used.

- (a) *Gross value of commodities produced* is the value placed on recorded production at the wholesale prices realised in the market place.
- (b) *Market place* in general is the metropolitan market in each State. In cases where commodities are consumed locally, or where they become raw material for a secondary industry, these points are presumed to be the market places.
- (c) *Marketing costs* include freight, cost of containers, commission and other charges incurred in marketing. Marketing costs are not on a completely comparable basis between States and, in addition, accurate information is difficult to obtain for many items. In consequence, differences between States in the relationship of local to gross value should be regarded with some caution.
- (d) *Local value of commodities produced* is the value placed on commodities at the place of production and is ascertained by deducting marketing costs from the gross value of commodities produced.

Gross and local values of agricultural commodities produced involve some duplication, as they include certain agricultural commodities which are consumed as raw materials to produce other agricultural commodities (e.g. hay consumed by livestock).

- (e) *Average unit gross values* are calculated by dividing the gross value of each commodity produced by the total production of each corresponding commodity.
- (f) *Values* include any relevant subsidy and bounty payments if based on production.
- (g) *Livestock slaughterings and other disposals.* Values for 'livestock slaughterings and other

disposals' are published as one figure but include two distinct components:

- (i) Value of livestock slaughtered
- (ii) Value of net exports, i.e. the total value of livestock intended for slaughter in adjacent State(s) and livestock exported overseas whether for slaughter or breeding minus the value of imports of livestock.

Data on value of livestock slaughtering by State of slaughter are available on request.

#### **Gross value of production and industry of producing establishment**

7. Table 27 contains gross values of production for selected agricultural commodities produced, classified by industry of the producing establishments.

8. The *Australian Standard Industrial Classification* (ASIC) defines the industries of the economy for statistical purposes, thus permitting the scope of the various economic statistics collections to be specified without gaps or overlapping between them. It also sets out standard rules for identifying the economic units operating in the economy and for classifying them to the industries of the Classification. The 1983 edition of ASIC has been used in compiling Table 27.

9. The gross values of the selected agricultural commodities included in Table 27 are derived by allocating the total Australian gross value of production for those commodities to ASIC classes or groups of classes according to the proportion of the total production of those commodities reported in the Agricultural Census by establishments classified to those classes or groups of classes. 'Non-agriculture' values are values for those establishments classified to an ASIC class other than one in ASIC Subdivision 01, Agriculture, but which produce the selected agricultural commodities.

10. The Agricultural Census data items used in allocating the proportion of each commodity's production to the various ASIC classes are the most relevant available items. For crops, grapevines, vegetables and wool the Agricultural Census data used were production data in metric quantity units of tonnes or kilograms, as applicable. For fruit, area of fruit trees, in hectares, was used; for livestock slaughtering, number disposed of or sold was used; and for milk and eggs, numbers of milk cattle and numbers of egg strain poultry respectively were used in lieu of production data.

11. As the data in Table 27 are derived according to various assumptions (see paragraph 10 above) they should be treated only as indicators.

#### **Indexes of values at constant prices of agricultural commodities produced**

12. Table 29 shows indexes of values at constant prices for agricultural commodities produced. These indexes have the same scope as the data on gross value of agricul-

tural commodities produced and agricultural output shown in Table 28.

13. The indexes of values at constant prices are weighted by the average gross unit values for the year 1984-85 and are published with the reference period 1984-85 = 100.0.

14. The constant price indexes of crops, livestock slaughtering and other disposals, and livestock products are indexes of the gross value of agricultural commodities produced at constant prices. The index of agricultural output is an index of value of agricultural output at constant prices. The latter index relates to that part of agricultural commodities produced and sold outside the agricultural sector and excludes the production of seed, feed and fodder consumed or retained on farms. The relationship between agricultural commodities produced and agricultural output is presented in Table 28 in current price value terms.

15. Indexes of the value of agricultural commodities produced and output at constant prices are measures of change in value after the direct effects of price changes have been eliminated. Measures of this type are, of necessity, subject to approximations and assumptions and they should not be interpreted in any precise quantitative sense.

16. In the main, the method used in compiling the constant price indexes has been to apply to current year quantities for individual farm commodities, the corresponding average unit gross values for 1984-85. Aggregates at constant prices (e.g. for livestock slaughtering) are then obtained by summation and converted to index numbers by dividing by the corresponding values in the reference base period. Indexes so derived may be described as fixed weights indexes, the weights of individual products in the aggregate measures being determined by their relative prices in the weighting base period. As prices do not all move in the same proportion or even in the same direction the choice of a particular weighting base period may affect the trend of the indexes.

#### **Related publications**

17. Users may also wish to refer to the following major priced publications which are available on request:

*Agricultural Industries, Financial Statistics, Australia, 1989-90* (7507.0)

*Agricultural Industries, Structure of Operating Units, Australia, 31 March 1989* (7102.0)

*Summary of Crops, Australia, 1989-90* (7330.0)

*Livestock and Livestock Products, Australia, 1989-90* (7221.0)

*Value of Principal Agricultural Commodities Produced, Australia, 1990-91, Preliminary* (7501.0)

*Value of Selected Agricultural Commodities Produced, Australia, 1989-90, Preliminary* (7502.0)

18. In addition to unpublished data, the ABS has more detailed agricultural statistics on magnetic tape, microfiche and floppy disk. AgStats on floppy disk offers a wider range of commodity data aggregated at smaller geographic areas than those generally available in printed publications, together with an easy-to-use, menu-driven interrogation facility.

19. 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.

#### **Symbols and other usages**

- nil or rounded to zero
- n.e.i. not elsewhere included
- n.a. not available
- n.p. not available for publication but included in totals where applicable, unless otherwise indicated.

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

21. 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.

22. Where figures for individual States or Territories have been suppressed for reasons of confidentiality, the resultant totals have been appropriately footnoted in tables displaying State details.

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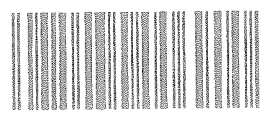
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