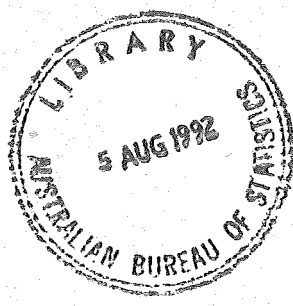


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1990-91  
**Value of Agricultural  
Commodities  
Produced  
Australia**



EMBARGOED UNTIL 11.30 A.M. 5 AUGUST 1992

**VALUE OF AGRICULTURAL COMMODITIES PRODUCED  
AUSTRALIA  
1990-91**

**IAN CASTLES**  
Australian Statistician



AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 7503.0

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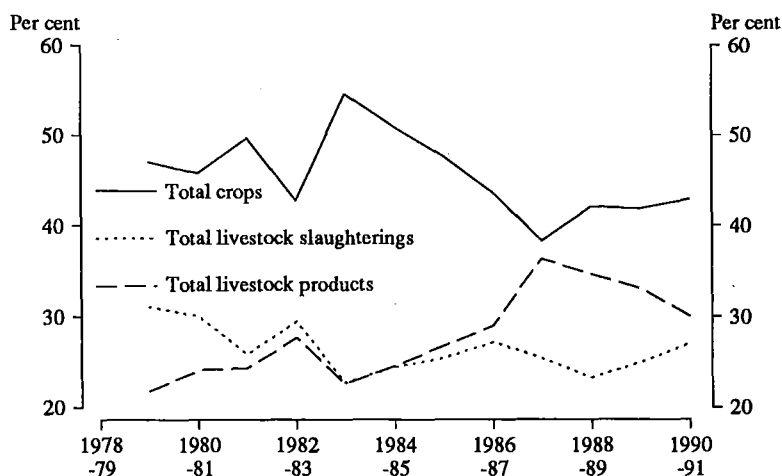
- for further information about statistics in this publication and the availability of related unpublished statistics, contact Lorraine North on Canberra (06) 252 5347 or any ABS State office.
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## SUMMARY OF FINDINGS

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 for 1989-90 and 1990-91 are based on production from farms having a minimum Estimated Value of Agricultural Operations (EVAO) of \$20,000 (see

paragraph 3 of Explanatory Notes). In previous years estimates were made in respect of farms with EVAO of \$5,000 or more. To assist users, Australian level statistics for 1987-88 and 1988-89 in this publication have been revised to conform to the 1989-90 and 1990-91 data based on the \$20,000 cutoff.

PERCENTAGE CONTRIBUTION TO TOTAL GROSS VALUE  
OF AGRICULTURAL COMMODITIES PRODUCED, AUSTRALIA  
1979-80 TO 1990-91



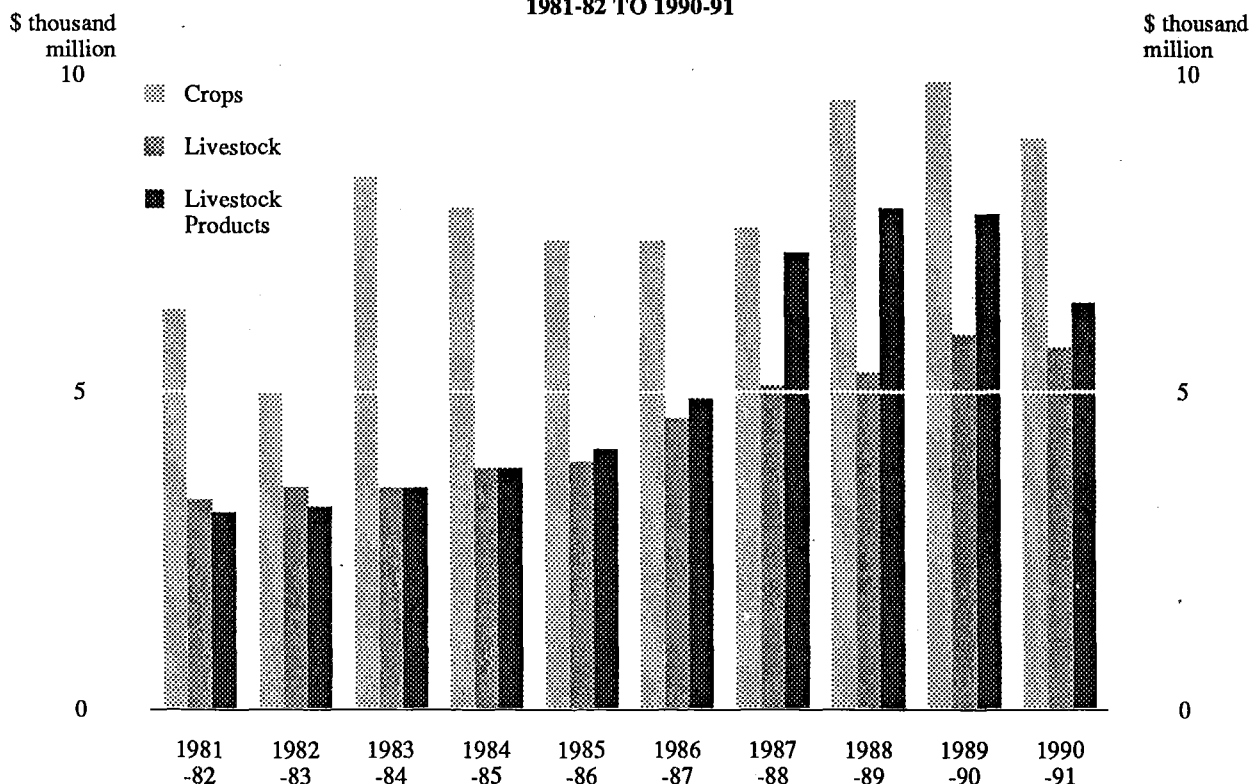
### National

The final estimate of the gross value of agricultural commodities produced for 1990-91 shows a fall of 10.2 per cent over 1989-90 to \$21,168.2m.

The total gross value of the three largest commodities amounted to 47.4 per cent of the total gross value of

agricultural production. Wool accounted for 19.8 per cent (compared with 24.2% in 1989-90), cattle and calves slaughterings 18.3 per cent (16.4% in 1989-90) and wheat 9.4 per cent (11.8% in 1989-90). Since 1979-80 the total of these three commodities has reduced in significance as a proportion of the total gross value of agricultural production: 55.4 per cent in 1979-80, 46.1 per cent in

GROSS VALUE OF AGRICULTURAL COMMODITIES  
1981-82 TO 1990-91



1982-83, 50.5 per cent in 1985-86, 52.8 per cent in 1988-89, and 47.5 per cent in 1990-91.

The value of crops (including pastures and grasses) produced in Australia decreased in 1990-91 by 8.1 per cent, to \$9,073.9m. In the period from 1979-80 the significance of total cropping activity to total agriculture declined from 47.1 per cent to 42.8 per cent in 1990-91. Within this total activity, cereal crops have become less important while vegetables, and fruit and nuts have assumed greater significance.

Among the major crops, cotton has shown the greatest growth and has surpassed sugar in value for the first time. In 1979-80 the gross value of cotton was only 1.2 per cent of the total gross value of all commodities. By 1990-91 this had increased to 4.2 per cent.

The few crops to record an increase in 1990-91 included peanuts up 67.4 per cent to \$29.8m, cotton up 40.4 per cent to \$898.0m and oilseeds up 13.4 per cent to \$96.4m. Crops to decrease significantly included wheat down 28.4 per cent to \$1,988.1m, grain sorghum down 27.2 per cent to \$98.6m, barley down 19.8 per cent to \$568.3m, oats down 17.2 per cent to \$147.3m, sugar cane cut for crushing down 14.4 per cent to \$748.0m and grapes down 7.7 per cent to \$362.0m.

Livestock slaughterings decreased by 2.8 per cent to \$5,730.0m in 1990-91, with cattle and calves up 0.2 per cent to \$3,869.4m, pigs up 5.3 per cent to \$691.0m and poultry up 1.3 per cent to \$788.3m. After reaching a high

of \$803.9m in 1987-88 the gross value of sheep and lamb slaughterings fell for the third successive year to \$373.3m in 1990-91, a fall of 36.2 per cent compared with 1989-90.

Within the slaughtering industry there has been a major change in the significance of the component commodities since 1979-80. Whereas sheep and lamb slaughterings accounted for 17.9 per cent of total slaughterings in 1979-80, by 1990-91 this had fallen to 6.5 per cent. The value of both pig slaughterings and poultry slaughterings now substantially exceed that of sheep and lambs.

As expected the gross value of wool produced fell for the second consecutive year, decreasing by 26.9 per cent over 1989-90 to \$4,180.9m. Despite recent wool trends, the total gross value of wool as a percentage of total gross value of agricultural production has increased from 14.0 per cent in 1979-80 to 19.8 per cent in 1990-91.

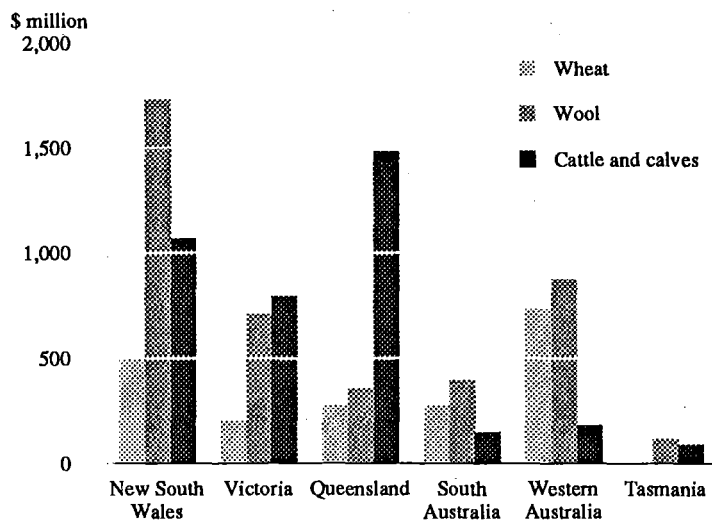
The gross value of total whole milk production increased by 4.3 per cent to \$1,824.8m.

#### State Comparisons

Overall, total gross value of production fell in all States. This was due to the general downturn in most crops, the fall in the gross value of sheep and lamb slaughterings and the fall in wool prices.

New South Wales contributed 27.8 per cent of the total gross value of crops, followed by Queensland with 25.8 per cent and Victoria with 17.7 per cent. The gross value

COMPARISON OF THREE MAJOR COMMODITIES  
BY STATE, 1990-91



of wheat for grain, the major Australian crop, reduced by 28.4 per cent to \$1,988.1m. Although the tonnage of wheat increased by 6.0 per cent the average price per tonne fell by 32.1 per cent to \$131.96. Production was dominated by Western Australia with 36.7 per cent (\$730.5m), New South Wales with 25.4 per cent (\$505.3m) and South Australia with 13.8 per cent

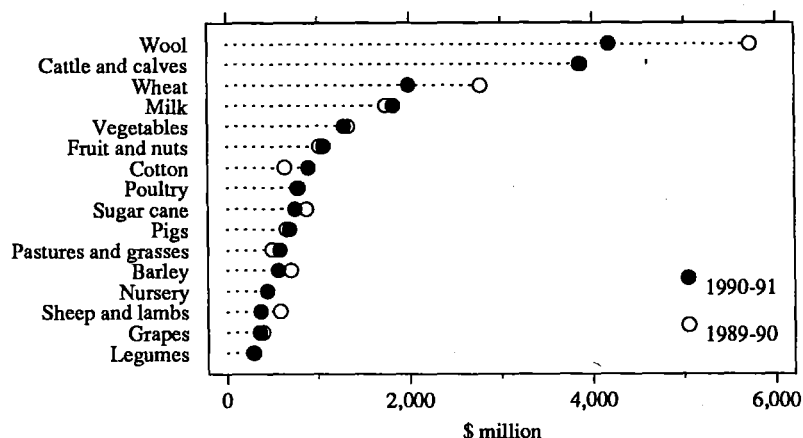
(\$274.9m). Even though Western Australia dominated total Australian production, the value of wheat produced by that State has decreased from 36.1 per cent of the State's gross value of agricultural production in 1979-80 to 26.9 per cent in 1990-91.

Cotton production (\$898.0m) was shared by New South Wales with 76.0 per cent (\$682.3m) and Queensland 24.0 per cent (\$215.7m). The increase in gross value was due to a rise in both production and average price per kilo. The increase in importance of the cotton industry to the New South Wales economy is indicated by the percentage increase in the gross value of cotton production to the total value of agricultural production in New South Wales: 3.1 per cent in 1979-80 to 10.6 per cent in 1990-91.

Queensland retained its dominance in sugar production and was responsible for 95.6 per cent (\$714.8m) of the total gross value of that crop. However, the importance of sugar production to Queensland is reducing in relative terms as it has decreased from 22.1 per cent of the gross value in 1979-80 to 10.6 per cent in 1990-91.

In addition, Queensland still leads Victoria in the gross value of production of vegetables with \$372.6m or 29.0 per cent of the Australian total. New South Wales produced 16.2 per cent (\$207.6m) of vegetable production.

GROSS VALUE OF SELECTED AGRICULTURAL COMMODITIES  
PRODUCED, AUSTRALIA, 1989-90 AND 1990-91



Victoria accounted for 47.4 per cent (\$275.7m) of Australia's pastures and grasses production. New South Wales was the second highest State, contributing 20.2 per cent (\$117.3m).

The gross value of production of fruit, excluding grapes, (\$1,059.6m) was dominated by Queensland with 30.0 per cent (\$318.4m), New South Wales with 25.5 per cent (\$270.5m) and Victoria with 23.1 per cent (\$245.2m). South Australia produced the major share of the gross value of grapes for winemaking (\$101.0m) with 58.9 per cent, followed by New South Wales at 21.0 per cent (\$36.0m). Victoria contributed 16.1 per cent (\$27.7m).

The increasing importance of milk production to Victoria is indicated by the percentage increase in the value of milk to the total value of agricultural commodities produced in Victoria: 11.9 per cent (\$308.0m) in 1979-80 to 21.4 per cent (\$1000.6m) in 1990-91.

Victoria dominated apple production with 35.9 per cent (\$65.5) of the gross value (\$182.6m), followed by New South Wales with 17.0 per cent and South Australia with 13.0 per cent.

#### Average Unit Value

A number of agricultural commodities show falls in the average gross unit value component of these estimates. Wheat at \$131.96/tonne was down 32.0 per cent com-

pared with the 1989-90 value; barley fell 21.0 per cent to \$138.36/tonne; peaches were down 13.4 per cent to \$760.75/tonne and apples were down 4.6 per cent to \$632.34/tonne.

In contrast the average gross unit value of bananas increased 41.7 per cent to \$1,424.81/tonne. Wine grapes were up by 21.6 per cent to \$352.45/tonne; cotton by 16.0 per cent to \$942.51/tonne; pears by 10.6 per cent to \$533.45/tonne and rice by 5.6 per cent to \$175.97/tonne.

The average gross unit value per tonne for cabbages and brussels sprouts fell by 32.8 per cent to \$310.33, onions by 25.1 per cent to \$343.29 and beans by 15.4 per cent to \$836.70.

#### Marketing Costs

Although there are difficulties in obtaining complete information on marketing costs (which include 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 \$1,322.0m or 14.6 per cent, for livestock slaughtering \$439.5m or 7.7 per cent and for livestock products \$294.6m or 4.6 per cent. Within these broad groupings there were large variations. For crops, marketing expenses ranged from 0.4 per cent for sugar to 25.6 per cent

(\$508.6m) for wheat. Marketing expenses for cotton were estimated at 2.7 per cent (\$23.8m), for tobacco 4.0 per cent (\$3.1m), for grapes 10.4 per cent (\$37.5m), for vegetables 17.2 per cent (\$220.6m) and for fruit and nuts 19.8 per cent (\$209.9m).

Major vegetables to show a large proportion of marketing expenses include lettuce 31.8 per cent (\$19.0m), pumpkins 23.5 per cent (\$7.4m), cabbages and brussels sprouts 21.5 per cent (\$6.7m), tomatoes 23.4 per cent (\$43.0m) and onions 20.1 per cent (\$15.3m).

Fruit with significant marketing costs include oranges with 27.0 per cent (\$44.5m), mangoes with 26.9 per cent (\$6.6m), plums and prunes with 25.1 per cent (\$6.6m) and bananas 19.7 per cent (\$46.3m).

Marketing expenses for livestock slaughterings were 7.6 per cent (\$52.5m) for pigs, sheep and lambs 21.5 per cent (\$80.3m) and cattle and calves 7.8 per cent (\$303.5m).

Marketing expenses for wool were 5.4 per cent (\$227.7m), eggs 20.6 per cent (\$66.5m) and honey 1.9 per cent (\$0.5m). As milk is collected at the farm gate by the factory it is viewed as having no producer market selling expenses.

Very noticeable was the percentage increase in marketing costs for those major commodities that suffered significant falls in gross value. For example, marketing expenses for wheat rose from 17 per cent to 25.6 per cent of total gross value, and for sheep and lambs slaughtered from 15.4 per cent to 21.5 per cent.

Overall marketing costs for total agriculture were estimated at \$2,056.2m or 9.7 per cent of the gross value of agricultural commodities produced, an increase of 1.2 per cent on the previous year.



**TABLE 1. GROSS AND LOCAL VALUES OF AGRICULTURAL COMMODITIES, 1990-91**  
(\$ 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	2,521.8	1,608.8	2,345.1	1,040.8	1,324.7	209.1	20.4	3.2	9,073.9
Marketing costs	363.7	245.9	301.9	145.0	244.3	16.3	4.5	0.4	1,322.0
Local value of production	2,158.1	1,362.9	2,043.2	895.8	1,080.4	192.8	15.9	2.8	7,751.9
<b>LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS(a)</b>									
Gross value of production	1,739.7	1,270.7	1,764.3	326.2	388.6	125.2	112.9	2.3	5,730.0
Marketing costs	119.5	75.9	142.3	29.9	47.3	8.5	15.9	0.2	439.5
Local value of production	1,620.2	1,194.8	1,622.0	296.3	341.4	116.7	97.1	2.1	5,290.5
<b>LIVESTOCK PRODUCTS(b)</b>									
Gross value of production	2,164.2	1,803.9	630.6	531.7	1,001.4	214.9	n.p.	9.0	(c)6,355.7
Marketing costs	115.2	64.8	35.7	33.4	32.7	12.0	n.p.	0.9	(c)294.6
Local value of production	2,049.0	1,739.1	594.9	498.3	968.7	202.9	n.p.	8.1	(c)6,061.1
<b>TOTAL AGRICULTURE</b>									
Gross value of production	6,425.8	4,683.4	4,740.0	1,898.7	2,714.7	549.3	142.0	14.5	21,168.2
Marketing costs	598.4	386.5	480.0	208.2	324.2	36.9	20.4	1.6	2,056.2
Local value of production	5,827.4	4,296.9	4,260.0	1,690.5	2,390.5	512.4	121.6	12.9	19,112.0

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

**TABLE 2. GROSS AND LOCAL VALUES OF AGRICULTURAL COMMODITIES, AUSTRALIA, 1987-88 TO 1990-91**  
(\$ million)

	<i>1987-88</i>	<i>1988-89</i>	<i>1989-90</i>	<i>1990-91</i>
<b>GROSS VALUE</b>				
Crops (including pastures and grasses)	7,638.6	9,643.3	9,876.3	9,073.9
Livestock slaughterings and other disposals(a)	5,074.3	5,300.8	5,893.3	5,730.0
Livestock products(b)	7,247.0	7,910.8	7,806.7	6,355.7
<b>Total agriculture</b>	<b>19,962.5</b>	<b>22,862.5</b>	<b>23,585.1</b>	<b>21,168.2</b>
<b>LOCAL VALUE</b>				
Crops (including pastures and grasses)	6,563.0	8,434.5	8,586.8	7,751.9
Livestock slaughterings and other disposals(a)	4,696.7	4,925.9	5,473.2	5,290.5
Livestock products(b)	6,982.0	7,617.0	7,510.2	6,061.1
<b>Total agriculture</b>	<b>18,245.1</b>	<b>20,985.0</b>	<b>21,579.0</b>	<b>19,112.0</b>

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

## II. CROPS

TABLE 3. ALL CROPS, GROSS VALUE, 1990-91  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
<i>Crops (excluding pastures and grasses)—</i>									
Cereals for grain—									
Barley	119.2	100.0	45.7	193.9	104.6	4.9	—	—	568.3
Grain sorghum	26.2	0.1	71.2	—	0.2	—	0.8	—	98.6
Maize	15.4	0.4	15.1	—	1.1	—	0.2	—	32.2
Oats	52.5	32.0	5.7	12.4	42.0	2.8	—	—	147.3
Rice	132.1	—	6.3	—	—	—	0.1	—	138.5
Triticale	11.3	4.3	3.5	1.6	1.8	0.5	—	—	22.9
Wheat	505.3	205.5	271.6	274.9	730.5	0.4	—	—	1,988.1
Other	1.5	1.7	6.7	1.9	0.7	0.1	—	—	12.6
<i>Total cereals for grain</i>	<i>863.6</i>	<i>344.0</i>	<i>425.6</i>	<i>484.8</i>	<i>880.9</i>	<i>8.6</i>	<i>1.1</i>	—	<i>3,008.6</i>
Crops for hay—									
Oats	13.6	25.9	—	16.5	33.2	—	—	—	89.3
Wheat	4.4	(a)	(a)	(a)	(a)	—	—	—	4.4
Other	0.9	4.4	1.4	6.2	5.1	0.6	0.1	—	18.6
<i>Total crops for hay</i>	<i>18.9</i>	<i>30.3</i>	<i>1.4</i>	<i>22.6</i>	<i>38.3</i>	<i>0.6</i>	<i>0.1</i>	—	<i>112.3</i>
Other crops—									
Cotton	682.3	—	215.7	—	—	—	—	—	898.0
Fruit and nuts	270.5	245.2	318.4	134.8	60.0	26.1	4.5	(b)	(c)1,059.6
Grapes	69.0	158.6	4.8	115.3	11.2	1.1	2.1	(b)	(c)362.0
Legumes mainly for grain—									
Lupins	13.4	5.5	—	6.0	99.6	0.3	—	—	124.9
Other	25.7	57.8	32.1	41.6	3.5	0.4	—	—	161.1
Nursery production	149.9	128.7	86.3	14.8	46.1	12.3	4.5	(b)	(c)442.6
Oilseeds—									
Soybean	9.9	0.8	11.3	—	—	—	—	—	22.0
Sunflower	18.5	1.0	21.8	0.3	—	—	—	—	41.6
Other	24.0	5.2	0.7	2.3	0.6	—	—	—	32.8
Peanuts	0.8	—	29.0	—	0.1	—	—	—	29.8
Sugar cane—									
Cut for crushing	33.1	—	714.8	—	—	—	—	—	748.0
Cut for plants	—	—	12.4	—	—	—	—	—	12.4
Tobacco (dried leaf)	1.8	32.1	44.2	—	—	—	—	—	78.0
Vegetables	207.6	319.7	372.6	150.5	126.9	100.6	6.3	(b)	(c)1,284.2
All other crops, n.e.i.	15.5	4.2	7.4	7.4	4.9	31.5	0.1	3.0	74.0
<i>Total crops (excluding pastures and grasses)</i>	<i>2,404.5</i>	<i>1,333.1</i>	<i>2,298.6</i>	<i>980.4</i>	<i>1,272.3</i>	<i>181.5</i>	<i>18.6</i>	<i>3.0</i>	<i>8,491.9</i>
Pastures and grasses—									
Cut for hay—									
Lucerne	49.1	32.4	34.1	11.9	—	1.2	—	—	128.7
Other	62.5	225.2	8.3	30.6	43.6	25.6	1.9	0.1	397.9
<i>Total cut for hay</i>	<i>111.7</i>	<i>257.6</i>	<i>42.4</i>	<i>42.5</i>	<i>43.6</i>	<i>26.9</i>	<i>1.9</i>	<i>0.1</i>	<i>526.5</i>
Harvested for seed—									
Lucerne	—	—	—	10.8	—	—	—	—	10.8
Other	5.7	18.1	4.1	7.2	8.8	0.8	—	—	(d)44.7
<i>Total harvested for seed</i>	<i>5.7</i>	<i>18.1</i>	<i>4.1</i>	<i>17.9</i>	<i>8.8</i>	<i>0.8</i>	—	—	<i>55.5</i>
<i>Total pastures and grasses</i>	<i>117.3</i>	<i>275.7</i>	<i>46.5</i>	<i>60.4</i>	<i>52.4</i>	<i>27.7</i>	<i>1.9</i>	<i>0.1</i>	<i>582.0</i>
<b>Total crops</b>	<b>2,521.8</b>	<b>1,608.8</b>	<b>2,345.1</b>	<b>1,040.8</b>	<b>1,324.7</b>	<b>209.1</b>	<b>20.4</b>	<b>3.2</b>	<b>9,073.9</b>

(a) Incomplete; 'Wheat for hay' included in 'Other Crops for hay'. (b) Not available for publication, included in 'All other crops, n.e.i.'. (c) Incomplete; see individual States and Territories. (d) Includes 'Clovers harvested for seed'.

TABLE 4. ALL CROPS, GROSS VALUE, AUSTRALIA, 1987-88 TO 1990-91  
(\$ million)

	1987-88 Coverage ratio(a)	1987-88	1988-89	1989-90	1990-91
<b>Crops (excluding pastures and grasses)—</b>					
Cereals for grain—					
Barley	98.9	454.9	558.1	708.8	568.3
Grain sorghum	97.3	202.7	188.1	135.5	98.6
Maize	94.7	30.3	34.4	38.6	32.2
Oats	97.9	191.0	232.6	178.0	147.3
Rice	98.5	115.7	146.6	141.0	138.5
Triticale	98.1	26.9	28.4	24.7	22.9
Wheat	99.4	2,002.8	2,950.3	2,775.1	1,988.1
Other	99.0	16.9	13.5	21.0	12.6
<i>Total cereals for grain</i>		<i>3,041.2</i>	<i>4,152.0</i>	<i>4,022.6</i>	<i>3,008.6</i>
Crops for hay—					
Oats	91.2	61.4	76.6	79.0	89.3
Wheat	95.1	16.6	18.6	16.9	(b)4.4
Other	94.6	7.9	11.6	8.1	18.6
<i>Total crops for hay</i>		<i>85.8</i>	<i>106.8</i>	<i>104.0</i>	<i>112.3</i>
Other crops—					
Cotton	99.2	421.6	536.9	639.5	898.0
Fruit and nuts(c)	93.3	832.1	951.6	1,022.1	1,059.6
Grapes	97.7	345.6	427.3	392.2	(c)362.0
Legumes mainly for grain—					
Lupins	99.8	151.1	184.9	134.0	124.9
Other	97.7	175.9	182.8	160.5	161.1
Nursery production(c)	92.0	304.6	398.6	444.2	442.6
Oilseeds—					
Soybean	92.0	26.7	50.9	28.6	22.0
Sunflower	98.4	64.6	55.2	24.6	41.6
Other	99.2	27.9	33.5	31.8	32.8
Peanuts	96.0	31.7	25.1	17.8	29.8
Sugar cane—					
Cut for crushing	98.5	608.9	744.2	874.0	748.0
Cut for plants	98.0	9.1	9.9	12.4	12.4
Tobacco (dried leaf)	97.8	71.1	65.5	73.2	78.0
Vegetables(c)	98.1	928.4	1,165.3	1,328.2	1,284.2
All other crops, n.e.i.	97.0	115.3	67.3	71.5	74.0
<i>Total crops (excluding pastures and grasses)</i>		<i>7,241.6</i>	<i>9,157.8</i>	<i>9,381.1</i>	<i>8,491.9</i>
Pastures and grasses—					
Cut for hay—					
Lucerne	88.9	115.8	113.3	111.1	128.7
Other	88.1	222.8	308.6	328.0	397.9
<i>Total cut for hay</i>		<i>338.6</i>	<i>421.9</i>	<i>439.1</i>	<i>526.5</i>
Harvested for seed—					
Lucerne	98.7	10.3	6.8	8.8	10.8
Clovers	99.4	18.8	24.8	18.8	(d)
Other	99.4	29.3	31.9	28.5	44.7
<i>Total harvested for seed</i>		<i>58.4</i>	<i>63.6</i>	<i>56.2</i>	<i>55.5</i>
<i>Total pastures and grasses</i>		<i>397.0</i>	<i>485.5</i>	<i>495.3</i>	<i>582.0</i>
<b>Total crops</b>		<b>7,638.6</b>	<b>9,643.3</b>	<b>9,876.3</b>	<b>9,073.9</b>

(a) See paragraph 4 of Explanatory Notes. (b) NSW only. 'Wheat for hay' for other States included in 'Other crops for hay'. (c) Excludes the Australian Capital Territory. Included in 'All other crops, n.e.i.'. (d) Not available for publication, included in 'Other harvested for seed'.

TABLE 5. ALL CROPS, LOCAL VALUE, 1990-91  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
<i>Crops (excluding pastures and grasses)—</i>									
<i>Cereals for grain—</i>									
Barley	85.0	71.5	38.5	151.8	85.9	4.5	—	—	437.3
Grain sorghum	22.9	0.1	62.8	—	0.2	—	0.8	—	86.7
Maize	13.6	0.3	14.2	—	1.1	—	0.2	—	29.3
Oats	45.4	22.3	5.4	11.6	37.3	2.5	—	—	124.5
Rice	116.5	—	4.1	—	—	—	0.1	—	120.7
Triticale	8.7	3.5	3.1	1.5	1.7	0.4	—	—	19.0
Wheat	350.4	144.9	186.5	231.9	565.4	0.3	—	—	1,479.5
Other	1.2	1.4	6.5	1.7	0.7	0.1	—	—	11.6
<i>Total cereals for grain</i>	<i>643.8</i>	<i>244.1</i>	<i>321.1</i>	<i>398.5</i>	<i>692.3</i>	<i>7.8</i>	<i>1.0</i>	—	<i>2,308.6</i>
<i>Crops for hay—</i>									
Oats	13.6	25.9	—	16.5	28.1	—	—	—	84.1
Wheat	4.4	(a)	(a)	(a)	(a)	—	—	—	4.4
Other	0.9	4.4	1.4	6.2	4.3	0.5	0.1	—	17.7
<i>Total crops for hay</i>	<i>18.9</i>	<i>30.3</i>	<i>1.4</i>	<i>22.6</i>	<i>32.4</i>	<i>0.5</i>	<i>0.1</i>	—	<i>106.3</i>
<i>Other crops—</i>									
Cotton	670.2	—	204.0	—	—	—	—	—	874.2
Fruit and nuts	214.5	208.2	246.9	109.1	48.6	19.2	3.2	(b)	(c)849.7
Grapes	63.3	133.3	3.7	111.5	10.2	1.1	1.4	(b)	(c)324.5
<i>Legumes mainly for grain—</i>									
Lupins	13.4	4.8	—	5.6	86.2	0.2	—	—	110.3
Other	22.6	50.8	29.5	39.1	3.4	0.4	—	—	145.8
Nursery production	131.9	100.7	77.8	14.1	46.1	11.1	3.9	(b)	(c)385.6
<i>Oilseeds—</i>									
Soybean	8.9	0.7	11.2	—	—	—	—	—	20.7
Sunflower	16.2	0.8	20.5	0.3	—	—	—	—	37.8
Other	20.6	4.3	0.7	2.1	0.6	—	—	—	28.3
Peanuts	0.7	—	18.6	—	0.1	—	—	—	19.4
<i>Sugar cane—</i>									
Cut for crushing	33.1	—	712.0	—	—	—	—	—	745.1
Cut for plants	—	—	12.4	—	—	—	—	—	12.4
Tobacco (dried leaf)	1.6	30.8	42.4	—	—	—	—	—	74.9
Vegetables	168.9	276.8	287.3	126.8	104.7	94.8	4.2	(b)	(c)1,063.6
All other crops, n.e.i.	12.6	3.8	7.2	7.0	4.4	30.3	0.1	2.6	68.0
<i>Total crops (excluding pastures and grasses)</i>	<i>2,041.2</i>	<i>1,089.6</i>	<i>1,996.8</i>	<i>836.6</i>	<i>1,029.0</i>	<i>165.5</i>	<i>14.0</i>	<i>2.6</i>	<i>7,175.3</i>
<i>Pastures and grasses—</i>									
<i>Cut for hay—</i>									
Lucerne	49.1	32.4	33.9	11.9	—	1.2	—	—	128.5
Other	62.5	225.2	8.3	30.6	43.6	25.3	1.9	0.1	397.5
<i>Total cut for hay</i>	<i>111.7</i>	<i>257.6</i>	<i>42.2</i>	<i>42.5</i>	<i>43.6</i>	<i>26.5</i>	<i>1.9</i>	<i>0.1</i>	<i>525.9</i>
<i>Harvested for seed—</i>									
Lucerne	—	—	—	10.1	—	—	—	—	10.1
Other	5.3	15.8	4.1	6.6	7.9	0.8	—	—	(d)40.5
<i>Total harvested for seed</i>	<i>5.3</i>	<i>15.8</i>	<i>4.1</i>	<i>16.7</i>	<i>7.9</i>	<i>0.8</i>	—	—	<i>50.6</i>
<i>Total pastures and grasses</i>	<i>117.0</i>	<i>273.3</i>	<i>46.4</i>	<i>59.2</i>	<i>51.5</i>	<i>27.2</i>	<i>1.9</i>	<i>0.1</i>	<i>576.5</i>
<b>Total crops</b>	<b>2,158.1</b>	<b>1,362.9</b>	<b>2,043.2</b>	<b>895.8</b>	<b>1,080.4</b>	<b>192.8</b>	<b>15.9</b>	<b>2.8</b>	<b>7,751.9</b>

(a) Incomplete; 'Wheat for hay' included in 'Other crops for hay'. (b) Not available for publication; included in 'All other crops, n.e.i.'. (c) Incomplete; see individual States and Territories. (d) Includes 'Clovers harvested for seed'.

TABLE 6. ALL CROPS, LOCAL VALUE, AUSTRALIA, 1987-88 TO 1990-91  
(\$ million)

	1987-88 Coverage ratio(a)	1987-88	1988-89	1989-90	1990-91
<b>Crops (excluding pastures and grasses)—</b>					
Cereals for grain—					
Barley	98.9	354.4	444.9	560.2	437.3
Grain sorghum	97.3	163.3	158.8	124.9	86.7
Maize	94.7	27.1	31.3	33.5	29.3
Oats	97.9	171.1	204.5	152.5	124.5
Rice	98.5	102.9	130.1	123.7	120.7
Triticale	98.1	21.6	24.7	21.1	19.0
Wheat	99.4	1,633.4	2,496.8	2,302.4	1,479.5
Other	99.0	13.8	12.6	19.7	11.6
<i>Total cereals for grain</i>		<i>2,487.6</i>	<i>3,503.7</i>	<i>3,338.1</i>	<i>2,308.6</i>
Crops for hay—					
Oats	91.2	61.2	76.5	73.9	84.1
Wheat	95.1	16.5	18.6	15.8	(b)4.4
Other	94.6	7.9	11.6	7.8	17.7
<i>Total crops for hay</i>		<i>85.7</i>	<i>106.7</i>	<i>97.5</i>	<i>106.3</i>
Other crops—					
Cotton	99.2	412.3	527.4	629.7	874.2
Fruit and nuts(c)	93.3	641.3	754.8	808.9	849.7
Grapes	97.7	313.1	397.9	360.1	(c)324.5
Legumes mainly for grain—					
Lupins	99.8	136.6	165.4	117.4	110.3
Other	97.7	154.2	162.9	143.8	145.8
Nursery production(c)	92.0	264.1	346.7	385.9	385.6
Oilseeds—					
Soybean	92.0	25.1	46.4	26.6	20.7
Sunflower	98.4	59.6	49.3	22.6	37.8
Other	99.2	24.4	28.5	27.1	28.3
Peanuts	96.0	19.9	14.6	8.6	19.4
Sugar cane—					
Cut for crushing	98.5	605.2	740.6	869.9	745.1
Cut for plants	98.0	9.1	9.9	12.4	12.4
Tobacco (dried leaf)	97.8	68.2	62.9	70.5	74.9
Vegetables(c)	98.1	764.4	978.2	1,114.2	1,063.6
All other crops, n.e.i.	97.0	100.9	59.5	63.9	68.0
<i>Total crops (excluding pastures and grasses)</i>		<i>6,171.7</i>	<i>7,955.4</i>	<i>8,097.1</i>	<i>7,175.3</i>
Pastures and grasses—					
Cut for hay—					
Lucerne	88.9	115.6	113.1	110.9	128.5
Other	88.1	222.4	307.8	327.5	397.5
<i>Total cut for hay</i>		<i>338.0</i>	<i>420.9</i>	<i>438.4</i>	<i>525.9</i>
Harvested for seed—					
Lucerne	98.7	9.9	6.6	8.2	10.1
Clovers	99.4	17.7	23.2	17.2	(d)
Other	99.4	25.7	28.4	25.9	40.5
<i>Total harvested for seed</i>		<i>53.3</i>	<i>58.2</i>	<i>51.3</i>	<i>50.6</i>
<i>Total pastures and grasses</i>		<i>391.3</i>	<i>479.1</i>	<i>489.7</i>	<i>576.5</i>
<b>Total crops</b>		<b>6,563.0</b>	<b>8,434.5</b>	<b>8,586.8</b>	<b>7,751.9</b>

(a) See paragraph 4 of Explanatory Notes. (b) NSW only. 'Wheat for hay' for other States included in 'Other crops for hay'. (c) Excludes the Australian Capital Territory. Included in 'All other crops, n.e.i.'. (d) Not available for publication, included in 'Other harvested for seed'.

TABLE 7. AVERAGE UNIT GROSS VALUE OF PRINCIPAL CROPS(a), AUSTRALIA, 1987-88 TO 1990-91  
(\$)

		1987-88	1988-89	1989-90	1990-91
Cereals for grain—					
Barley	tonne	132.45	171.91	175.25	138.36
Grain sorghum	"	124.18	151.27	143.24	131.37
Maize	"	144.90	159.02	176.33	166.02
Oats	"	108.47	126.65	108.53	96.30
Rice	"	156.41	195.88	166.68	175.97
Triticale	"	129.08	145.01	154.40	125.19
Wheat	"	165.16	211.71	194.27	131.96
Crops for hay (excluding pastures and grasses)					
Cotton	kg	82.98	98.52	75.66	106.54
Fruit—					
Apples	tonne	612.14	729.87	662.50	632.34
Apricots	"	1,028.76	1,004.12	942.16	933.78
Bananas	"	696.49	693.11	1,005.83	1,424.81
Cherries	"	3,127.14	3,587.89	3,692.64	3,646.60
Lemons and limes	"	367.32	333.58	369.25	400.16
Oranges	"	298.48	443.92	361.16	363.22
Peaches	"	689.47	817.71	878.22	760.75
Pears	"	475.87	449.22	482.53	533.45
Pineapples	"	261.12	279.15	287.60	296.03
Plums and prunes	"	1,201.58	1,350.30	1,219.27	1,340.62
Strawberries	"	4,130.19	4,767.58	5,324.56	5,363.01
Grapes—					
Dried vine fruit (dried weight)	"	1,615.46	1,710.45	1,850.05	1,858.00
Table	"	1,471.21	1,229.01	1,185.49	1,292.04
Wine	"	374.02	509.85	449.31	352.45
Lupins	"	176.79	199.47	173.59	164.85
Oilseeds—					
Soybeans	"	389.60	395.91	368.89	354.23
Sunflower	"	299.54	321.73	335.88	274.84
Peanuts	"	857.08	1,009.98	960.74	1,096.12
Sugar cane cut for crushing	"	24.52	27.41	32.44	30.69
Tobacco (dried leaf)	kg	5.56	5.75	5.95	6.18
Vegetables—					
Beans, french and runner	tonne	678.86	805.13	988.57	836.70
Cabbages and brussels sprouts	"	305.44	382.13	461.55	379.58
Carrots	"	339.56	509.35	514.92	439.98
Cauliflower	"	344.59	462.10	496.47	446.00
Lettuce	"	507.39	597.04	653.78	609.07
Mushrooms	"	3,325.18	3,328.09	3,661.13	3,908.51
Onions, white and brown	"	347.66	490.65	458.34	343.29
Potatoes	"	244.26	304.66	334.01	332.19
Tomatoes	"	421.55	502.66	529.64	504.67

(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.

TABLE 8. FRUIT, GROSS VALUE, 1990-91  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	Aust.(a)
Orchard fruit (including nuts)—							
Citrus—							
Oranges	71.6	24.8	11.5	55.1	1.7	—	164.6
Lemons and limes	3.5	2.7	3.1	2.6	0.9	—	12.8
Mandarins	3.9	4.5	23.3	4.4	1.1	—	37.3
Other	4.4	2.1	0.9	2.0	0.4	—	9.8
<i>Total citrus</i>	<i>83.4</i>	<i>34.2</i>	<i>38.8</i>	<i>64.1</i>	<i>4.1</i>	<i>—</i>	<i>224.6</i>
Pome—							
Apples	31.0	65.6	22.7	23.7	16.2	23.3	(b)182.6
Pears	2.1	72.3	1.3	4.1	3.1	0.7	(b)83.6
Stone—							
Apricots	0.6	5.3	0.6	16.3	0.5	0.2	23.6
Cherries	11.4	5.3	—	2.2	0.3	0.6	19.7
Nectarines	12.1	6.9	4.7	0.9	1.9	0.1	26.5
Peaches	15.1	17.5	3.6	4.9	3.0	—	44.0
Plums and prunes	12.9	4.0	3.7	2.2	3.5	—	26.3
Other orchard, n.e.i. (including nuts)—							
Avocados	4.4	3.0	17.6	1.6	1.0	—	27.5
Mangoes	0.7	—	19.5	—	0.5	—	24.5
Almonds	0.1	10.6	—	6.2	—	—	16.9
Macadamia	16.0	—	2.9	—	—	—	18.9
Other	1.8	6.5	3.8	1.8	0.8	—	14.7
<i>Total orchard fruit (including nuts)</i>	<i>191.5</i>	<i>231.2</i>	<i>119.0</i>	<i>128.0</i>	<i>35.0</i>	<i>24.9</i>	<i>733.3</i>
Berry and small fruit—							
Strawberries	2.3	8.0	7.6	6.4	4.8	0.3	29.5
Other	4.4	2.5	0.1	0.3	—	0.9	8.3
<i>Total berry and small fruit</i>	<i>6.8</i>	<i>10.5</i>	<i>7.8</i>	<i>6.7</i>	<i>4.8</i>	<i>1.2</i>	<i>37.8</i>
Other fruit—							
Bananas	69.6	—	145.1	—	19.8	—	235.2
Pineapples	—	—	37.3	—	—	—	37.3
Other	2.6	3.5	9.3	0.2	0.4	—	16.0
<i>Total other fruit, n.e.i.</i>	<i>72.2</i>	<i>3.5</i>	<i>191.6</i>	<i>0.2</i>	<i>20.2</i>	<i>—</i>	<i>288.5</i>
<i>Total fruit (excluding grapes)</i>	<i>270.5</i>	<i>245.2</i>	<i>318.4</i>	<i>134.8</i>	<i>60.0</i>	<i>26.1</i>	<i>1,059.6</i>
Grapes—							
Fresh—							
Table	11.8	35.0	4.6	3.1	4.6	—	61.3
Wine	36.0	27.7	0.2	101.0	5.6	1.1	171.6
Dried—							
Currants	0.5	3.8	—	2.1	0.9	—	7.4
Raisins and lexias	2.0	4.3	—	0.8	—	—	7.1
Sultanas	18.7	87.8	—	8.2	—	—	114.7
<i>Total grapes</i>	<i>69.0</i>	<i>158.6</i>	<i>4.8</i>	<i>115.3</i>	<i>11.2</i>	<i>1.1</i>	<i>362.0</i>
<b>Total fruit</b>	<b>339.5</b>	<b>403.8</b>	<b>323.2</b>	<b>250.1</b>	<b>71.3</b>	<b>27.2</b>	<b>1,421.6</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, 1987-88 TO 1990-91  
(\$ million)

	1987-88 Coverage ratio(a)	1987-88	1988-89	1989-90	1990-91
Orchard fruit (including nuts)—					
Citrus—					
Oranges	98.3	143.9	177.0	175.9	164.6
Lemons and limes	93.8	12.5	11.6	13.3	12.8
Mandarins	94.0	29.2	33.7	42.3	37.3
Other	91.4	11.7	10.6	11.4	9.8
Total citrus		197.3	232.9	242.9	224.6
Pome(b)—					
Apples	98.6	183.1	235.6	211.6	182.6
Pears	99.1	77.0	63.9	79.3	83.6
Stone—					
Apricots	96.0	30.4	27.8	28.0	23.6
Cherries	93.5	14.2	14.0	17.4	19.7
Nectarines	90.2	13.3	17.4	17.4	26.5
Peaches	93.3	44.9	42.4	50.9	44.0
Plums and prunes	95.1	21.8	26.7	24.3	26.3
Other orchard, n.e.i. (including nuts)—					
Avocados	76.4	13.3	21.6	23.3	27.5
Mangoes	80.1	12.3	11.1	15.7	24.5
Almonds	97.5	16.4	12.0	14.4	16.9
Macadamia	90.4	12.4	15.7	22.0	18.9
Other	92.9	5.5	5.8	6.4	14.7
Total orchard fruit (including nuts)		641.9	726.9	753.6	733.3
Berry and small fruit—					
Strawberries	88.7	19.9	22.3	26.8	29.5
Other	75.2	5.7	6.9	5.3	8.3
Total berry and small fruit		25.6	29.1	32.0	37.8
Other fruit—					
Bananas	83.1	118.8	134.8	181.3	235.2
Pineapples	76.0	34.0	43.2	40.7	37.3
Other	78.3	11.9	17.6	14.4	16.0
Total other fruit, n.e.i.		164.6	195.6	236.5	288.5
Total fruit (excluding grapes)		832.1	951.6	1,022.1	1,059.6
Grapes—					
Fresh —					
Table	97.7	67.5	59.2	52.4	61.3
Wine	97.7	174.0	281.0	238.0	171.6
Dried—					
Currants	97.7	7.9	7.1	9.5	7.4
Raisins and lexias	97.7	4.3	4.7	6.1	7.1
Sultanas	97.7	91.8	75.3	86.3	114.7
Total grapes		345.6	427.3	392.2	362.0
Total fruit		1,177.7	1,378.9	1,414.3	1,421.6

(a) See paragraph 4 of Explanatory Notes. (b) Excludes the Australian Capital Territory; included in 'All other crops, n.e.i.'.



TABLE 10. FRUIT, LOCAL VALUE, 1990-91  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	Aust.(a)
Orchard fruit (including nuts)—							
Citrus—							
Oranges	48.0	19.3	8.2	43.2	1.4	—	120.1
Lemons and limes	2.7	2.2	2.4	2.0	0.8	—	10.1
Mandarins	3.0	4.2	17.9	3.2	0.8	—	29.1
Other	2.8	1.5	0.6	1.5	0.3	—	6.8
Total citrus	56.6	27.2	29.1	49.9	3.3	—	166.0
Pome—							
Apples	24.3	57.0	16.0	20.3	13.5	16.7	(b)147.8
Pears	1.6	58.3	0.9	2.8	2.6	0.5	(b)66.7
Stone—							
Apricots	0.6	4.6	0.5	13.4	0.4	0.2	19.7
Cherries	9.6	5.1	—	2.0	0.2	0.5	17.5
Nectarines	10.3	6.5	3.9	0.7	1.5	0.1	23.0
Peaches	12.9	15.1	2.9	3.7	2.4	—	37.0
Plums and prunes	8.1	3.7	3.0	1.7	3.2	—	19.7
Other orchard, n.e.i. (including nuts)—							
Avocados	3.4	2.8	14.1	1.4	0.8	—	22.5
Mangoes	0.6	—	14.3	—	0.5	—	17.9
Almonds	0.1	9.3	—	6.1	—	—	15.6
Macadamia	15.6	—	2.6	—	—	—	18.2
Other	1.5	5.5	3.0	1.6	0.7	—	12.3
Total orchard fruit (including nuts)	145.2	195.1	90.3	103.5	29.1	18.1	583.9
Berry and small fruit—							
Strawberries	2.1	7.4	6.3	5.3	4.2	0.2	25.5
Other	3.9	2.4	0.1	0.2	—	0.9	7.5
Total berry and small fruit	6.0	9.8	6.4	5.5	4.2	1.2	33.0
Other fruit—							
Bananas	61.2	—	112.2	—	15.0	—	188.9
Pineapples	—	—	30.9	—	—	—	30.9
Other	2.1	3.3	7.1	0.1	0.4	—	13.0
Total other fruit, n.e.i.	63.3	3.3	150.3	0.1	15.3	—	232.9
Total fruit (excluding grapes)	214.5	208.2	246.9	109.1	48.6	19.2	849.7
Grapes—							
Fresh—							
Table	9.5	28.0	3.6	3.1	3.9	—	49.4
Wine	36.0	27.7	0.2	101.0	5.6	1.1	171.6
Dried—							
Currants	0.4	3.0	—	1.5	0.6	—	5.6
Raisins and lexias	1.6	3.0	—	0.5	—	—	5.1
Sultanas	15.8	71.5	—	5.4	—	—	92.8
Total grapes	63.3	133.3	3.7	111.5	10.2	1.1	324.5
Total fruit	277.8	341.5	250.7	220.6	58.8	20.3	1,174.2

(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, 1987-88 TO 1990-91  
(\$ million)

	1987-88 Coverage ratio(a)	1987-88	1988-89	1989-90	1990-91
Orchard fruit (including nuts)—					
Citrus—					
Oranges	98.3	88.8	125.0	127.3	120.1
Lemons and limes	93.8	9.3	8.8	10.2	10.1
Mandarins	94.0	22.2	26.6	33.2	29.1
Other	91.4	7.9	7.5	7.9	6.8
Total citrus		128.2	167.9	178.6	166.0
Pome(b)—					
Apples	98.6	146.2	192.5	168.2	147.8
Pears	99.1	61.7	50.9	63.9	66.7
Stone—					
Apricots	96.0	25.6	23.5	22.7	19.7
Cherries	93.5	13.0	12.7	15.7	17.5
Nectarines	90.2	11.4	15.0	14.9	23.0
Peaches	93.3	38.6	37.0	44.8	37.0
Plums and prunes	95.1	16.4	19.5	17.9	19.7
Other orchard, n.e.i. (including nuts)—					
Avocados	76.4	10.5	17.6	18.8	22.5
Mangoes	80.1	9.5	8.7	12.2	17.9
Almonds	97.5	15.3	13.6	13.2	15.6
Macadamia	90.4	12.1	15.3	21.5	18.2
Other	92.9	4.7	5.6	5.4	12.3
Total orchard fruit (including nuts)		493.2	579.8	598.0	583.9
Berry and small fruit—					
Strawberries	88.7	17.4	19.0	23.1	25.5
Other	75.2	5.3	6.1	4.8	7.5
Total berry and small fruit		22.7	25.1	27.9	33.0
Other fruit—					
Bananas	83.1	86.3	100.2	138.9	188.9
Pineapples	76.0	29.5	35.3	32.5	31.0
Other	78.3	9.6	14.4	11.6	13.0
Total other fruit, n.e.i.		125.4	149.9	182.9	232.9
Total fruit (excluding grapes)		641.3	754.8	808.9	849.7
Grapes—					
Fresh—					
Table	97.7	54.9	47.7	41.9	49.4
Wine	97.7	174.0	281.0	238.0	171.6
Dried—					
Currants	97.7	6.5	5.9	8.0	5.6
Raisins and lexias	97.7	3.1	3.3	4.4	5.1
Sultanas	97.7	74.4	60.1	67.9	92.8
Total grapes		313.1	397.9	360.2	324.5
Total fruit		954.4	1,152.7	1,169.0	1,174.2

(a) See paragraph 4 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, 1990-91**  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	Aust.(a)
Beans, french and runner	2.4	2.8	14.9	0.4	1.2	3.2	25.0
Cabbages and brussels sprouts	2.9	13.9	6.1	4.4	2.0	1.8	31.2
Carrots	4.2	28.5	8.4	9.9	12.9	3.1	66.9
Cauliflower	3.1	14.2	4.4	5.3	10.7	2.5	40.3
Lettuce	3.6	15.9	22.6	10.1	6.3	1.1	59.8
Mushrooms	33.0	39.5	9.6	7.8	4.2	(b)	(c)94.1
Onions, white and brown	10.2	4.6	10.5	22.5	8.7	19.8	76.3
Peas	0.9	1.3	2.5	—	1.0	9.9	15.7
Potatoes	79.9	95.6	57.2	56.3	37.5	50.8	377.4
Pumpkins	5.2	2.1	14.9	2.0	6.1	0.6	31.5
Tomatoes	14.7	34.4	116.8	9.0	7.5	1.2	183.8
Other vegetables	47.5	66.8	104.6	22.7	28.9	6.7	282.2
<b>Total vegetables for human consumption</b>	<b>207.6</b>	<b>319.7</b>	<b>372.6</b>	<b>150.5</b>	<b>126.9</b>	<b>100.6</b>	<b>1,284.2</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, 1987-88 TO 1990-91**  
(\$ million)

	1987-88 Coverage ratio(a)	1987-88	1988-89	1989-90	1990-91
Beans, french and runner	94.1	22.1	28.8	38.0	25.0
Cabbages and brussels sprouts	96.1	24.2	36.7	38.7	31.2
Carrots	98.7	48.8	75.4	79.7	66.9
Cauliflower	97.1	38.6	36.8	44.1	40.3
Lettuce	96.8	43.1	53.0	58.3	59.8
Mushrooms(b)	98.6	61.8	65.0	78.8	94.1
Onions, white and brown	97.6	63.3	104.8	88.2	76.3
Peas	95.6	13.5	16.2	18.6	15.7
Potatoes	98.3	265.3	319.4	393.4	377.4
Pumpkins	87.5	17.2	26.4	36.3	31.5
Tomatoes	94.8	118.1	143.6	170.6	183.8
Other vegetables	92.7	212.4	259.2	283.4	282.2
<b>Total vegetables for human consumption</b>	<b>98.1</b>	<b>928.4</b>	<b>1,165.3</b>	<b>1,328.2</b>	<b>1,284.2</b>

(a) See paragraph 4 of Explanatory Notes. (b) Excludes Tasmania; included in 'Other vegetables'.

**TABLE 14. VEGETABLES FOR HUMAN CONSUMPTION, LOCAL VALUE, 1990-91**  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	Aust.(a)
Beans, french and runner	2.0	2.5	12.9	0.3	1.0	3.2	22.1
Cabbages and brussels sprouts	1.6	11.5	4.6	3.7	1.5	1.6	24.5
Carrots	3.0	24.5	6.1	9.1	11.1	2.9	56.7
Cauliflower	1.7	12.0	2.8	4.1	9.6	2.3	32.6
Lettuce	2.2	11.2	14.2	7.3	4.8	1.0	40.8
Mushrooms	28.8	38.6	8.4	6.8	3.6	(b)	(c)86.1
Onions, white and brown	7.3	3.8	8.1	18.1	6.4	17.2	61.0
Peas	0.8	1.0	2.5	—	1.0	9.9	15.3
Potatoes	65.9	86.8	47.3	48.5	32.0	48.6	329.2
Pumpkins	3.5	1.6	11.6	1.6	5.1	0.4	24.1
Tomatoes	13.5	22.5	90.0	7.8	5.7	1.2	140.8
Other vegetables	38.6	60.8	78.8	19.3	22.9	6.5	230.4
<b>Total vegetables for human consumption</b>	<b>168.9</b>	<b>276.8</b>	<b>287.3</b>	<b>126.8</b>	<b>104.7</b>	<b>94.8</b>	<b>1,063.6</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, 1987-88 TO 1990-91**  
(\$ million)

	1987-88 Coverage ratio(a)	1987-88	1988-89	1989-90	1990-91
Beans, french and runner	94.1	19.4	25.6	34.0	22.1
Cabbages and brussels sprouts	96.1	18.8	28.9	31.8	24.5
Carrots	98.7	41.0	64.5	68.5	56.7
Cauliflower	97.1	29.5	30.3	36.3	32.6
Lettuce	96.8	32.0	39.5	42.2	40.8
Mushrooms(b)	98.6	57.1	60.0	72.5	86.1
Onions, white and brown	97.6	52.9	89.8	73.1	61.0
Peas	95.6	12.9	15.9	18.0	15.3
Potatoes	98.3	229.0	282.2	345.5	329.2
Pumpkins	87.5	12.7	21.1	28.7	24.1
Tomatoes	94.8	88.4	110.3	130.4	140.8
Other vegetables	92.7	170.7	210.1	233.3	230.4
<b>Total vegetables for human consumption</b>	<b>98.1</b>	<b>764.4</b>	<b>978.2</b>	<b>1,114.2</b>	<b>1,063.6</b>

(a) See paragraph 4 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)

	<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 (excluding pastures and grasses)—</b>									
<b>Cereals for grain—</b>									
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
<b>Other crops—</b>									
Cotton	100.0	—	99.7	—	—	—	—	—	99.9
<b>Fruit and nuts—</b>									
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	65.8	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
<b>Legumes mainly for grain—</b>									
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
<b>Oilseeds—</b>									
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
<b>Vegetables—</b>									
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
<b>Pastures and grasses—</b>									
Harvested for seed	99.7	99.9	93.3	99.9	100.0	100.0	100.0	—	99.0

(a) See Explanatory Notes, paragraph 4. 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, 1990-91  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Cattle and calves(b)	1,068.2	794.5	1,479.9	149.8	180.3	90.1	104.5	2.1	3,869.4
Sheep and lambs(c)	77.9	112.9	36.7	46.1	91.5	8.1	—	0.1	373.3
Pigs	222.2	163.4	152.9	82.2	58.9	n.p.	n.p.	—	691.0
Poultry	(d)368.8	199.2	94.8	48.1	57.7	n.p.	n.p.	(e)	788.3
Goats	2.7	0.8	—	—	0.2	0.1	—	—	(f)3.7
Buffalo	—	—	—	—	—	—	4.4	—	4.4
<b>Total</b>	<b>1,739.7</b>	<b>1,270.7</b>	<b>1,764.3</b>	<b>326.2</b>	<b>388.6</b>	<b>125.2</b>	<b>112.9</b>	<b>2.3</b>	<b>5,730.0</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, 1987-88 TO 1990-91  
(\$ million)

	1987-88	1988-89	1989-90	1990-91
Cattle and calves(b)	3,047.9	3,189.6	3,860.5	3,869.4
Sheep and lambs(c)	803.9	738.3	585.4	373.3
Pigs	(d)536.1	629.3	656.0	691.0
Poultry	(d)671.2	730.3	777.9	788.3
Goats	6.1	(e)5.3	(e)5.2	(e)3.7
Buffalo	9.1	8.0	8.2	4.4
<b>Total</b>	<b>(d)5,074.3</b>	<b>5,300.8</b>	<b>5,893.3</b>	<b>5,730.0</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, 1990-91  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Cattle and calves(b)	986.8	743.2	1,360.1	137.3	163.4	84.0	89.3	2.0	3,565.9
Sheep and lambs(c)	57.7	97.3	28.3	36.2	66.9	6.5	—	0.1	293.0
Pigs	205.2	154.4	138.8	76.5	53.1	n.p.	n.p.	—	638.5
Poultry	(d)368.7	199.2	94.8	46.3	57.7	n.p.	n.p.	(e)	786.4
Goats	1.8	0.6	—	—	0.1	0.1	—	—	(f)2.7
Buffalo	—	—	—	—	—	—	3.9	—	3.9
<b>Total</b>	<b>1,620.2</b>	<b>1,194.8</b>	<b>1,622.0</b>	<b>296.3</b>	<b>341.4</b>	<b>116.7</b>	<b>97.1</b>	<b>2.1</b>	<b>5,290.5</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, 1987-88 TO 1990-91  
(\$ million)

	1987-88	1988-89	1989-90	1990-91
Cattle and calves(b)	2,814.1	2,954.0	3,582.2	3,565.9
Sheep and lambs(c)	705.5	649.1	495.0	293.0
Pigs	(d)494.6	582.2	608.7	638.5
Poultry	(d)669.0	728.5	775.8	786.4
Goats	5.3	(e)4.6	(e)4.2	(e)2.7
Buffalo	8.2	7.4	7.4	3.9
<b>Total</b>	<b>(d)4,696.7</b>	<b>4,925.9</b>	<b>5,473.2</b>	<b>5,290.5</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 21. AVERAGE UNIT GROSS VALUE OF LIVESTOCK SLAUGHTERINGS(a), AUSTRALIA, 1987-88 TO 1990-91  
(\$)

		1987-88	1988-89	1989-90	1990-91
Cattle and calves(b)	per animal	367.39	432.69	464.97	443.23
Sheep and lambs(c)	"	17.75	18.32	14.01	8.80
Pigs	"	(d)108.80	125.61	128.13	133.86
Poultry	"	(d)2.27	2.52	2.54	2.59
Goats	"	10.27	(e)10.14	(e)9.39	(e)9.37
Buffalo	"	—	—	334.71	307.31

(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, 1990-91  
(\$ million)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Wool—									
Shorn	1,653.9	667.9	350.0	389.0	865.3	113.4	—	3.1	4,042.7
Other(a)	74.0	39.9	5.1	6.8	9.1	3.2	—	0.2	138.2
<i>Total wool</i>	<i>1,727.9</i>	<i>707.8</i>	<i>355.1</i>	<i>395.8</i>	<i>874.4</i>	<i>116.7</i>	<i>—</i>	<i>3.2</i>	<i>4,180.9</i>
Liquid whole milk used for—									
Manufacturing	63.2	830.6	61.2	45.5	30.8	67.5	—	—	1,099.0
Human consumption	251.5	169.9	155.7	64.4	63.0	20.9	n.p.	0.3	(b)725.8
<i>Total whole milk production</i>	<i>314.7</i>	<i>1,000.6</i>	<i>216.9</i>	<i>110.0</i>	<i>93.9</i>	<i>88.4</i>	<i>n.p.</i>	<i>0.3</i>	<i>(b)1,824.8</i>
Eggs	111.4	90.0	53.9	23.1	30.6	8.1	n.p.	5.5	(b)322.5
Honey	9.7	5.2	4.4	2.6	2.4	1.7	—	—	26.1
Beeswax	0.5	0.3	0.2	0.2	(c)0.2	0.1	—	—	1.4
<b>Total livestock products</b>	<b>2,164.2</b>	<b>1,803.9</b>	<b>630.6</b>	<b>531.7</b>	<b>1,001.4</b>	<b>214.9</b>	<b>n.p.</b>	<b>9.0</b>	<b>(d)6,355.7</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, 1987-88 TO 1990-91  
(\$ million)

	1987-88	1988-89	1989-90	1990-91
Wool—				
Shorn	5,316.4	5,770.1	5,572.2	4,042.7
Other(a)	200.9	135.8	146.0	138.2
<i>Total wool</i>	<i>5,517.3</i>	<i>5,906.0</i>	<i>5,718.1</i>	<i>4,180.9</i>
Liquid whole milk used for—				
Manufacturing	805.2	981.0	1,058.5	1,099.0
Human consumption	585.7	654.1	690.5	725.8
<i>Total whole milk production</i>	<i>(b)1,390.9</i>	<i>(b)1,635.1</i>	<i>1,749.0</i>	<i>1,824.8</i>
Eggs	(b)304.4	(b)321.4	311.8	322.5
Honey	32.5	29.6	26.1	26.1
Beeswax	1.9	2.0	1.5	1.4
<b>Total livestock products</b>	<b>(b)7,247.0</b>	<b>(c)7,910.8</b>	<b>(c)7,806.7</b>	<b>(c)6,355.7</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, 1990-91**  
(\$ 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>
Wool—									
Shorn	1,566.7	614.6	329.0	360.2	839.6	103.0	—	2.9	3,816.1
Other(a)	74.0	39.9	5.1	6.1	9.0	2.9	—	0.2	137.2
<b>Total wool</b>	<b>1,640.6</b>	<b>654.5</b>	<b>334.1</b>	<b>366.3</b>	<b>848.7</b>	<b>105.9</b>	<b>—</b>	<b>3.1</b>	<b>3,953.2</b>
Liquid whole milk used for—									
Manufacturing	63.2	830.6	61.2	45.5	30.8	67.5	—	—	1,099.0
Human consumption	251.5	169.9	155.7	64.4	63.0	20.9	n.p.	0.3	(b)725.8
<b>Total whole milk production</b>	<b>314.7</b>	<b>1,000.6</b>	<b>216.9</b>	<b>110.0</b>	<b>93.9</b>	<b>88.4</b>	<b>n.p.</b>	<b>0.3</b>	<b>(b)1,824.8</b>
Eggs	83.4	78.6	39.3	19.5	23.6	7.1	n.p.	4.6	(b)256.0
Honey	9.7	5.2	4.4	2.5	2.4	1.4	—	—	25.6
Beeswax	0.5	0.3	0.2	0.2	(c)0.2	0.1	—	—	1.4
<b>Total livestock products</b>	<b>2,049.0</b>	<b>1,739.1</b>	<b>594.9</b>	<b>498.3</b>	<b>968.7</b>	<b>202.9</b>	<b>n.p.</b>	<b>8.0</b>	<b>(d)6,061.1</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, 1987-88 TO 1990-91**  
(\$ million)

	<i>1987-88</i>	<i>1988-89</i>	<i>1989-90</i>	<i>1990-91</i>
Wool—				
Shorn	5,107.6	5,534.1	5,320.5	3,816.1
Other(a)	197.8	134.6	144.7	137.2
<b>Total wool</b>	<b>5,305.4</b>	<b>5,668.8</b>	<b>5,465.2</b>	<b>3,953.2</b>
Liquid whole milk used for—				
Manufacturing	805.2	981.0	1,058.5	1,099.0
Human consumption	585.7	654.1	690.5	725.8
<b>Total whole milk production</b>	<b>(b)1,390.9</b>	<b>(b)1,635.1</b>	<b>1,749.0</b>	<b>1,824.8</b>
Eggs	(b)251.8	(b)265.9	268.6	256.0
Honey	32.0	29.2	25.8	25.6
Beeswax	1.9	2.0	1.5	1.4
<b>Total livestock products</b>	<b>(b)6,982.0</b>	<b>(c)7,617.0</b>	<b>(c)7,510.2</b>	<b>(c)6,061.1</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, 1987-88 TO 1990-91**  
(\$)

		<i>1987-88</i>	<i>1988-89</i>	<i>1989-90</i>	<i>1990-91</i>
Wool	kg	6.01	(b)6.18	5.20	3.93
Liquid whole milk used for—					
Manufacturing	litre	(c)0.18	(c)0.21	(d)0.23	(d)0.24
Human consumption	"	(c)0.35	(c)0.38	(d)0.41	(d)0.42
<b>Total whole milk production</b>	<b>"</b>	<b>(c)0.23</b>	<b>(c)0.26</b>	<b>(d)0.28</b>	<b>(d)0.29</b>
Eggs	doz	(c)1.41	(c)1.56	(d)1.53	(d)1.54
Honey	kg	1.13	(b)1.03	1.09	1.25

(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, 1990-91  
(\$ million)

	0124-5 Poultry	0134-6 Fruit	0143-4 Vegetables	0181 Cereal grains incl. oilseeds n.e.c.	0182 Sheep- cereal grains	0183 Meat cattle- cereal grains	0184 Sheep- meat cattle	0185 Sheep	0186 Meat cattle	0187 Milk cattle	0188 Pigs	0191-6 Other agriculture	Non agriculture	Total
<b>Crops—</b>														
Barley for grain	1.1	0.6	2.3	140.9	339.3	23.3	5.1	25.6	3.4	5.1	10.8	9.7	1.1	568.3
Grain sorghum for grain	0.3	—	0.7	59.4	5.3	22.8	0.6	0.3	1.0	0.8	2.6	4.7	0.2	98.6
Oats for grain	—	0.1	0.4	9.9	77.8	2.2	6.8	45.8	1.8	0.9	0.6	0.7	0.3	147.3
Wheat for grain	2.0	2.0	4.0	650.1	1,105.4	117.3	9.9	33.8	6.0	2.0	11.9	41.8	2.0	1,988.1
Cotton	—	—	1.8	22.4	—	0.9	—	5.4	0.9	—	1.8	863.0	1.8	898.0
Sugar cane cut for crushing	—	5.2	12.7	—	—	—	—	—	3.0	1.5	—	723.3	2.2	748.0
<b>Fruit and nuts—</b>														
Apples	0.2	178.2	1.3	—	—	—	—	1.6	—	0.5	—	0.2	0.5	182.6
Bananas	—	229.5	2.6	—	—	—	—	—	0.5	0.5	0.2	1.6	0.2	235.2
Grapes	0.4	341.8	2.2	1.4	0.4	—	—	1.4	0.4	0.4	—	0.7	13.0	362.0
Mangoes	—	19.1	1.7	—	—	—	—	—	0.6	—	—	2.9	0.2	24.5
Nuts	—	36.9	0.3	—	—	—	—	—	—	0.2	—	0.1	—	37.5
Oranges	—	162.8	0.7	—	—	—	—	—	0.2	—	—	0.8	—	164.6
<b>Vegetables—</b>														
Carrots	—	0.1	65.2	0.1	—	—	—	0.1	0.1	0.1	0.1	0.1	1.1	67.0
Onions	—	0.4	73.5	0.4	0.2	—	—	0.2	—	0.5	0.1	0.3	0.8	76.3
Potatoes	—	2.3	335.9	0.8	0.4	—	—	15.1	6.4	10.9	0.8	2.6	2.3	377.4
Tomatoes	—	3.5	171.1	0.6	0.2	—	0.2	5.7	1.3	0.6	—	0.6	—	183.8
<b>Livestock slaughtering and other disposals(a)—</b>														
Cattle and calves(b)	3.9	15.5	38.7	50.4	93.0	216.9	569.4	193.7	2,184.8	406.7	23.2	58.1	19.4	3,873.8
Sheep and lambs(c)	—	0.4	2.6	7.8	102.7	0.7	48.2	202.5	1.9	1.9	1.5	1.9	1.2	373.3
Pigs	2.8	0.7	2.1	35.2	23.5	1.4	1.4	18.7	8.3	13.8	571.4	0.7	11.1	691.0
Poultry	750.4	3.2	1.6	—	1.6	—	—	1.6	0.8	4.7	1.6	0.8	22.1	788.3
<b>Livestock products—</b>														
Wool(d)	—	4.2	12.5	104.5	1,296.1	8.4	564.4	2,111.4	16.7	12.5	16.7	20.9	12.5	4,180.9
Milk(e)	1.8	1.8	10.9	1.8	1.8	—	—	10.9	3.6	1,775.5	5.5	3.6	7.3	1,824.8
Eggs(e)	310.1	—	0.6	1.9	1.0	—	—	1.9	0.3	0.3	4.5	—	1.9	322.5

(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, 1979-80 TO 1990-91(a)

(\$ million)

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91
<b>Crops—</b>												
Barley for grain	449.8	380.9	463.5	287.6	732.6	759.3	586.8	423.0	454.9	558.1	708.8	568.3
Oats for grain	98.8	139.5	155.7	116.1	203.8	129.6	138.3	160.5	191.0	232.6	178.0	147.3
Wheat for grain	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	1,988.1
Other cereal grains	218.9	327.6	294.1	260.5	408.7	400.8	346.4	316.3	392.5	411.0	360.8	304.9
Sugar cane cut for crushing	548.2	799.7	590.2	508.9	516.6	512.2	494.2	580.2	608.9	744.2	874.0	748.0
Fruit and nuts	406.6	459.8	464.4	508.6	552.5	670.9	678.6	785.9	832.1	951.6	1,022.1	1,059.6
Grapes	231.1	178.2	222.8	212.5	217.0	259.4	270.0	251.5	345.6	427.3	392.2	362.0
Vegetables	402.3	509.0	554.3	556.9	738.6	628.8	713.6	868.2	928.4	1,165.3	1,328.2	1,284.2
All other crops, n.e.i.(b)	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	2,611.5
<b>Total crops</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>9,073.9</b>
<b>Livestock slaughtering and other disposals(c)—</b>												
Cattle and calves(d)	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	3,868.7	3,873.8
Sheep and lambs	654.3	718.9	646.7	548.0	585.0	576.1	531.6	721.2	803.9	738.3	585.4	373.3
Pigs	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	691.0
Poultry	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	788.3
<b>Total livestock slaughtering and other disposals</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)(f)5,074.3</b>	<b>(e)(f)5,300.8</b>	<b>(f)5,893.3</b>	<b>(f)5,730.0</b>
<b>Livestock products—</b>												
Wool	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	4,180.9
Milk	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	1,824.8
Eggs	216.1	227.4	253.4	275.3	295.2	291.2	297.7	291.6	304.4	321.4	311.8	322.5
<b>Total livestock products(g)</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)7,910.8</b>	<b>(l)7,806.7</b>	<b>(l)6,355.7</b>
<b>Total value of agricultural commodities produced</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>(o)23,585.1</b>	<b>(o)21,168.2</b>
<b>Less seed and fodder consumed or retained on farms(b)</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>1,173.1</b>
<b>Total value of agricultural commodities output</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>	<b>19,995.1</b>

(a) From 1986-87 there is a break in series for crops. Refer to paragraph 4 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 buffalo 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 milk and eggs in the Northern Territory. (l) Excludes goat products. Includes honey and beeswax. Excludes milk and eggs in the Northern Territory. (m) Includes the Northern Territory pigs, poultry, milk and eggs. (n) Includes the Northern Territory pigs, poultry, milk and eggs. (o) Includes the Northern Territory milk and eggs.

TABLE 29. INDEXES OF VALUES AT CONSTANT PRICES OF AGRICULTURAL COMMODITIES PRODUCED AND OUTPUT(a), 1979-80 TO 1990-91  
(1984-85 = 100.0)

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91
<b>Crops—</b>												
Barley for grain	66.7	48.3	62.1	34.9	88.0	100.0	87.6	64.5	62.5	59.6	72.8	74.0
Oats for grain	100.1	80.1	114.8	60.4	163.0	100.0	94.3	117.1	127.6	132.5	116.4	108.6
Wheat for grain	86.0	57.2	87.3	46.9	117.9	100.0	85.7	88.0	65.2	75.0	75.9	80.2
Other cereal grains	67.0	83.2	95.2	66.2	110.7	100.0	97.4	92.4	106.6	89.9	81.5	69.8
Sugar cane(b)	85.7	95.9	99.5	102.1	91.7	100.0	98.7	96.7	97.8	103.6	104.9	98.7
Fruit and nuts	89.5	95.3	88.7	91.3	87.2	100.0	100.7	109.9	114.8	112.1	112.2	107.4
Grapes	94.1	80.9	92.9	88.5	92.7	100.0	101.8	93.6	92.1	100.2	91.2	95.1
Vegetables	79.9	79.5	83.6	81.9	86.5	100.0	98.8	104.6	117.1	119.7	113.2	117.7
All other crops, n.e.i.(c)	64.6	62.3	70.5	58.6	88.4	100.0	102.4	105.3	113.4	113.3	110.7	116.8
<b>Total crops</b>	80.0	67.2	83.7	60.4	102.8	100.0	93.1	93.2	87.3	91.0	90.8	92.6
<b>Livestock slaughtering and other disposals—</b>												
Cattle and calves(d)	119.4	112.0	120.1	117.8	102.6	100.0	105.7	113.8	120.2	113.9	128.0	134.3
Sheep and lambs	98.4	101.1	94.0	101.3	94.9	100.0	106.5	110.6	107.3	100.7	100.4	97.1
Pigs	84.4	89.5	87.5	91.7	97.3	100.0	104.1	108.6	114.1	118.4	121.8	119.8
Poultry	90.7	87.8	80.9	90.7	86.3	100.0	106.3	110.0	116.1	117.8	123.1	124.5
<b>Total livestock slaughtering and other disposals(e)</b>	108.2	104.4	107.0	108.6	98.6	100.0	105.7	112.2	117.0	112.9	122.4	125.6
<b>Livestock products—</b>												
Wool	85.5	84.6	86.6	85.0	87.7	100.0	100.2	107.0	110.9	115.4	132.8	128.4
Milk	90.2	85.4	86.2	91.2	98.1	100.0	99.6	101.9	101.5	103.8	103.3	105.6
Eggs	113.3	108.6	105.0	108.9	106.0	100.0	101.0	102.2	105.1	101.0	99.9	102.2
<b>Total livestock products(f)</b>	88.9	86.6	87.9	88.5	92.0	100.0	100.0	105.2	107.8	111.0	121.9	119.8
<b>Total agricultural commodities produced</b>	89.1	81.1	90.5	79.1	99.1	100.0	97.9	100.8	99.7	101.3	106.2	107.4
<b>Less seed and fodder consumed or retained on farms</b>	108.0	111.8	110.1	77.4	138.6	100.0	100.2	108.5	104.5	112.6	111.8	132.6
<b>Agricultural commodities output</b>	88.2	79.6	89.5	79.2	97.2	100.0	97.8	100.4	99.4	100.7	105.9	106.2

(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 9 below, and on indexes at constant prices see paragraph 13 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. To calculate EVAO for a farm, three year average weighted prices are applied to livestock turnover and livestock numbers on the farm, and to area and production data for crops. The resultant aggregation of these commodity values is the EVAO. It is not an indicator of the value of receipts of individual farms but simply an indicator of the extent of agricultural activity.

4. In years prior to 1989-90 estimates were based on farms with EVAO of \$5,000 or more. To enable some comparison with 1990-91 data the Australian level statistics for 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. 1987-88 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

5. *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 1990-91 season relates to the harvesting period October 1990 to February 1991. Statistics of other crops which in some States are har-

vested after 31 March 1991 (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.

6. *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

7. 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) where available and livestock exported overseas whether for slaughter or breeding minus the value of imports of livestock.

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

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

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

9. 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.

10. 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.

11. 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, fruit, grapevines, vegetables and wool the Agricultural Census data used were production data in metric quantity units of tonnes or kilograms, as applicable. For livestock slaughterings, 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.

12. 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

13. 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 agricultural commodities produced and agricultural output shown in Table 28.

14. 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.

15. The constant price indexes of crops, livestock slaughterings 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.

16. 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.

17. 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 slaughterings) 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

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

*Agricultural Industries, Financial Statistics, Australia, 1990-91* (7507.0)

*Characteristics of Australian Farms, 31 March 1991* (7102.0)

*Summary of Crops, Australia, 1990-91* (7330.0)

*Livestock and Livestock Products, Australia, 1990-91* (7221.0)

*Value of Principal Agricultural Commodities Produced, Australia, 1991-92, Preliminary (7501.0)*

*Value of Selected Agricultural Commodities Produced, Australia, 1990-91, Preliminary (7502.0)*

19. 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.

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#### **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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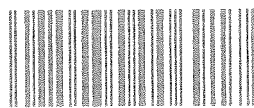


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