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**VALUE OF AGRICULTURAL
COMMODITIES PRODUCED
AUSTRALIA**

1981-82

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**VALUE OF AGRICULTURAL COMMODITIES PRODUCED
AUSTRALIA
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EXPLANATORY NOTES

Introduction

The statistics contained in this publication are 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 quantum indexes of agricultural commodities. (For further information on the industry dissection of the gross value of production of selected commodities see Explanatory notes, page 21 and on quantum indexes see Explanatory notes, page 24).

Scope and coverage

2. The statistics are, in general, derived from the annual Agricultural Census conducted throughout Australia at 31 March, which collects data from establishments with agricultural activity.

3. In recent years, in order to minimise respondent burden and reduce processing costs, the ABS has been gradually excluding from the Census those establishments which make only a small contribution to overall agricultural production. Since 1976-77, establishments with agricultural activity have been included in the Agricultural Census if the operating enterprise had, or was expected to have, an estimated value of agricultural operations of \$1,500 or more. In 1981-82 this figure was raised to \$2,500 in order to minimise the effects of inflation on the scope of the Agricultural Census.

4. While these changes have resulted in some changes in the counts of numbers of establishments appearing in publications the effect on the statistics of production of major commodities is small. Statistics of minor commodities normally associated with small scale operations may be affected to a greater extent.

Information sources

5. *Quantity data.* Production of crops relate, in the main, to crops sown during the year ended 31 March. Statistics of perennial crops relate to the position as at 31 March and 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 1981-82 season relates to the harvesting period October 1981 to February 1982. Statistics of other crops which in some States are harvested after 31 March 1982 (e.g. maize and potatoes) are collected by supplementary census returns. Information covering such commodities as livestock slaughtering, dairy produce and beekeeping is obtained from separate collections and from organisations such as the Department of Primary Industry, 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 Dairy Corporation, 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 treated with some reserve.
- (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 slaughterings by State of slaughter are available on request.

Related publications

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

Agricultural Industries, Financial Statistics, Australia, 1981-82 (7507.0)

Agricultural Industries, Structure of Operating Units, Australia, 1981-82 (7102.0)

Fruit, Australia, 1981-82 (7322.0)

Crops and Pastures, Australia 1981-82 (7321.0)

Livestock and Livestock Products, Australia, 1981-82 (7221.0)

Value of Agricultural Commodities Produced, Australia, 1982-83, First Estimates (7501.0)

Value of Agricultural Commodities Produced, Australia, Second Estimates 1981-82 (7502.0)

9. In addition to the information contained in these publications, agricultural statistics for small areas and for previous years are available on request. Small area statistics are also available on magnetic tape and microfiche. In certain cases these additional services are subject to a charge.

10. Current publications produced by the ABS are listed in the *Catalogue of Publications, 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

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

A. VALUE OF AGRICULTURAL COMMODITIES PRODUCED

I. SUMMARY

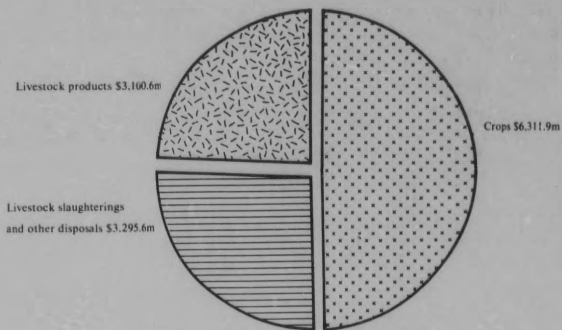
TABLE 1. GROSS AND LOCAL VALUES OF AGRICULTURAL COMMODITIES 1981-82
(\$m)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
CROPS									
Gross value of production	1,834.8	1,082.5	1,472.3	759.2	1,067.3	92.3	2.1	1.4	6,311.9
Marketing costs	317.9	204.8	169.9	93.6	136.0	10.8	—	0.1	933.1
Local value of production	1,516.8	877.7	1,302.4	665.6	931.3	81.4	2.1	1.3	5,378.8
LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS									
Gross value of production	845.1	786.1	832.3	331.1	349.5	90.2	59.9	1.4	3,295.6
Marketing costs	61.3	63.0	70.1	24.9	26.3	11.4	8.1	—	265.2
Local value of production	783.8	723.1	762.2	306.1	323.1	78.8	51.7	1.4	3,030.4
LIVESTOCK PRODUCTS									
Gross value of production	921.1	949.4	308.1	338.3	457.9	117.7	2.5	5.6	3,100.6
Marketing costs	64.3	66.0	13.0	21.3	25.8	5.0	—	0.5	196.0
Local value of production	856.8	883.4	295.1	316.9	432.0	112.7	2.5	5.1	2,904.6
TOTAL AGRICULTURE									
Gross value of production	3,601.0	2,818.0	2,612.7	1,428.6	1,874.6	306.2	64.5	8.4	12,708.2
Marketing costs	443.5	333.8	253.0	139.8	188.1	27.2	8.1	0.6	1,394.4
Local value of production	3,157.5	2,484.2	2,359.7	1,288.6	1,686.4	272.9	56.4	7.9	11,313.8

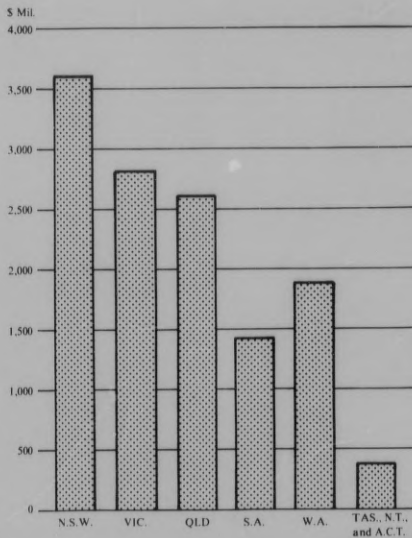
TABLE 2. GROSS AND LOCAL VALUES OF AGRICULTURAL COMMODITIES, AUSTRALIA
(\$m)

	1979-80	1980-81	1981-82
GROSS VALUE			
Crops	5,540.8	5,305.9	6,311.9
Livestock slaughterings and other disposals	3,658.8	3,474.3	3,295.6
Livestock products	2,564.3	2,803.8	3,100.6
Total agriculture	11,763.9	11,584.1	12,708.2
LOCAL VALUE			
Crops	4,802.6	4,723.3	5,378.8
Livestock slaughterings and other disposals	3,411.2	3,226.8	3,030.4
Livestock products	2,363.1	2,617.1	2,904.6
Total agriculture	10,576.9	10,567.2	11,313.8

GROSS VALUE OF AGRICULTURAL COMMODITIES, AUSTRALIA, 1981-82



GROSS VALUE OF AGRICULTURAL COMMODITIES, BY STATE, 1981-82



II. CROPS

TABLE 3. ALL CROPS, GROSS VALUE, 1901-02
(\$m)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Cereals for grain—									
Barley	94.7	66.5	55.3	168.7	74.3	3.8	—	(a)	(b)463.4
Canary seed	0.5	—	1.8	—	—	—	—	—	2.3
Grain sorghum	31.3	0.3	107.8	—	0.7	—	0.1	—	140.1
Maize	7.8	0.3	21.3	(a)	0.2	—	—	—	(b)29.6
Oats	67.3	16.5	2.4	11.7	55.4	2.2	—	—	155.7
Panicum and millet	0.2	0.6	5.6	—	(a)	—	—	—	(b)6.4
Rice	98.8	—	4.3	—	0.5	—	(a)	—	(b)103.5
Rye	0.7	0.3	(a)	1.5	0.2	(a)	—	—	(b)2.6
Triticale	6.5	—	2.2	0.6	0.2	0.1	—	—	9.5
Wheat	938.4	392.1	236.4	269.5	762.7	0.3	—	(a)	(b)2,599.4
<i>Total cereals for grain</i>	<i>1,246.2</i>	<i>476.7</i>	<i>437.0</i>	<i>452.0</i>	<i>894.2</i>	<i>6.5</i>	<i>0.1</i>	<i>(a)</i>	<i>(b)3,512.6</i>
<i>Total legumes mainly for grain</i>	<i>3.4</i>	<i>12.4</i>	<i>6.0</i>	<i>10.6</i>	<i>11.3</i>	<i>0.3</i>	—	—	<i>44.0</i>
Crops for hay—									
Oats	12.6	12.8	1.2	9.7	22.3	(c)	—	—	(b)58.5
Wheat	3.8	1.9	0.3	2.2	5.9	(c)	—	(a)	(b)14.2
Other	0.6	0.4	0.4	1.2	1.2	0.5	(a)	—	(b)4.3
<i>Total crops for hay</i>	<i>17.0</i>	<i>15.1</i>	<i>2.0</i>	<i>13.0</i>	<i>29.4</i>	<i>0.5</i>	<i>(a)</i>	<i>(a)</i>	<i>(b)77.1</i>
Sugar cane—									
Cut for crushing	20.6	—	569.6	—	(a)	—	—	—	(b)590.2
Cut for plants	—	—	8.7	—	—	—	—	—	8.7
Tobacco (dried leaf)	3.6	19.6	36.1	—	—	—	—	—	59.3
Cotton	147.7	—	34.3	—	—	—	—	—	182.0
Peanuts	0.8	—	36.1	—	0.1	—	(a)	—	(b)37.0
Linseed	0.1	1.1	0.1	0.3	—	—	—	—	1.6
Rapeseed	0.6	0.9	—	1.7	0.1	(a)	—	—	(b)3.3
Safflower	2.4	0.8	1.8	0.2	0.1	—	—	—	5.2
Soy beans	6.7	—	13.1	—	0.1	—	—	—	19.8
Sunflower	6.4	2.4	17.9	1.0	0.5	—	—	—	28.3
Fruit—									
Orchard	103.3	87.9	50.3	75.6	28.3	19.9	—	—	365.4
Berry and small	1.4	3.8	2.7	1.9	1.1	1.6	—	—	12.5
Other	28.9	—	52.0	—	5.6	—	0.1	—	86.5
Grapes	38.6	104.9	4.1	71.7	3.5	—	(d)	—	(b)222.8
Vegetables	88.4	153.5	145.2	74.9	50.8	41.1	0.2	0.3	554.3
All other crops—									
Nurseries	50.5	46.9	25.5	16.3	12.3	5.5	0.9	(a)	(b)157.9
Hops	—	3.7	—	—	—	5.1	—	—	8.8
Other crops, n.e.i.	1.3	8.5	6.0	0.4	1.2	2.3	0.1	0.9	20.7
<i>Total crops (excl. pastures and grasses)</i>	<i>1,767.7</i>	<i>938.2</i>	<i>1,448.6</i>	<i>719.6</i>	<i>1,038.6</i>	<i>82.7</i>	<i>1.4</i>	<i>1.3</i>	<i>5,998.1</i>
Pastures and grasses—									
Cut for hay—									
Lucerne	31.1	11.4	17.7	6.8	1.1	1.2	—	—	69.6
Other	32.2	126.7	4.1	26.0	23.3	7.4	0.7	0.1	220.5
<i>Total cut for hay</i>	<i>63.3</i>	<i>138.2</i>	<i>21.9</i>	<i>32.8</i>	<i>24.4</i>	<i>8.7</i>	<i>0.7</i>	<i>0.1</i>	<i>290.0</i>
Harvested for seed—									
Lucerne	0.8	0.1	—	2.6	(e)	—	—	—	(b)3.5
Clovers—									
Subterranean	1.1	1.1	—	1.9	3.5	—	—	—	7.5
Other	0.2	0.2	—	0.4	0.6	(e)	—	—	(b)1.4
Other, n.e.i.	1.7	4.8	1.9	2.0	0.2	0.9	—	—	11.5
<i>Total harvested for seed</i>	<i>3.8</i>	<i>6.1</i>	<i>1.9</i>	<i>6.9</i>	<i>4.2</i>	<i>0.9</i>	—	—	<i>23.8</i>
<i>Total pastures and grasses</i>	<i>67.1</i>	<i>144.3</i>	<i>23.7</i>	<i>39.7</i>	<i>28.7</i>	<i>9.5</i>	<i>0.7</i>	<i>0.1</i>	<i>313.8</i>
Total crops	1,834.8	1,082.5	1,472.3	759.2	1,067.3	92.3	2.1	1.4	6,311.9

(a) Not available for separate publication; included in 'Other crops, n.e.i.'. (b) Incomplete: see individual States. (c) Not available for separate publication; included in 'Other' crops for hay. (d) Not available for separate publication; excluded from totals. (e) Not available for separate publication; included in 'Other, n.e.i.'.

TABLE 4. ALL CROPS, GROSS VALUE, AUSTRALIA
(\$m)

	1979-80	1980-81	1981-82
Cereals for grain—			
Barley	449.8	380.9	463.4
Canary seed	2.6	1.0	2.3
Grain sorghum	96.1	152.0	140.1
Maize	19.8	26.1	29.6
Oats	98.8	139.5	155.7
Panicum and millet	2.6	6.1	6.4
Rice	93.8	138.2	103.5
Rye	1.2	1.5	2.6
Triticale	2.9	2.8	9.5
Wheat	2,478.0	1,684.1	2,599.4
<i>Total cereals for grain</i>	<i>3,245.4</i>	<i>2,532.0</i>	<i>3,512.6</i>
<i>Total legumes mainly for grain</i>	<i>21.9</i>	<i>31.5</i>	<i>44.0</i>
Crops for hay—			
Oats	30.3	41.5	58.5
Wheat	6.4	13.6	14.2
Other	2.4	3.2	4.3
<i>Total crops for hay</i>	<i>39.1</i>	<i>58.3</i>	<i>77.1</i>
Sugar cane—			
Cut for crushing	548.2	799.7	590.2
Cut for plants	9.5	13.3	8.7
Tobacco (dried leaf)	59.5	62.0	59.3
Cotton	135.3	147.2	182.0
Peanuts	22.3	36.6	37.0
Linseed	3.1	2.2	1.6
Rapeseed	9.1	4.5	3.3
Safflower	6.0	2.2	5.2
Soy beans	21.6	22.4	19.8
Sunflower	36.3	34.3	28.3
Fruit—			
Orchard	325.0	365.6	365.4
Berry and small	11.8	10.7	12.5
Other	69.8	83.6	86.5
Grapes	231.1	178.2	222.8
Vegetables	402.3	509.0	554.3
All other crops—			
Nurseries	(a)	145.1	157.9
Hops	6.7	8.1	8.8
Other crops, n.e.i.	(b)160.4	19.6	20.7
<i>Total crops (excl. pastures and grasses)</i>	<i>5,364.3</i>	<i>5,065.8</i>	<i>5,998.1</i>
Pastures and grasses—			
Cut for hay—			
Lucerne	50.4	66.8	69.6
Other	101.7	147.3	220.5
<i>Total cut for hay</i>	<i>152.2</i>	<i>214.1</i>	<i>290.0</i>
Harvested for seed—			
Lucerne	3.3	5.0	3.5
Clovers—			
Subterranean	9.1	8.3	7.5
Other	1.6	0.9	1.4
Other, n.e.i.	10.4	11.9	11.5
<i>Total harvested for seed</i>	<i>24.4</i>	<i>26.0</i>	<i>23.8</i>
<i>Total pastures and grasses</i>	<i>176.6</i>	<i>240.1</i>	<i>313.8</i>
Total crops	5,540.8	5,305.9	6,311.9

(a) Not available for separate publication; included in 'Other crops, n.e.i.'. (b) Includes value for 'Nurseries'.

TABLE 5. ALL CROPS, LOCAL VALUE, 1981-82
 (\$m)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Cereals for grain—									
Barley	78.1	53.4	44.5	141.1	66.2	3.5	—	(a)	(b)386.8
Canary seed	0.3	—	1.8	—	—	—	—	—	2.1
Grain sorghum	25.2	0.2	85.8	—	0.7	—	0.1	—	112.1
Maize	6.4	0.3	17.9	(a)	0.1	—	(a)	—	(b)24.7
Oats	58.1	15.8	2.2	11.0	54.3	2.1	—	—	143.5
Panicum and millet	0.1	0.5	5.2	—	(a)	—	—	—	(b)5.9
Rice	90.9	—	4.0	—	0.5	—	(a)	—	(b)95.4
Rye	0.6	0.2	(a)	1.5	0.1	(a)	—	—	(b)2.4
Triticale	6.5	—	1.9	0.6	0.2	0.1	—	—	9.3
Wheat	743.6	326.6	193.4	239.7	648.5	0.2	—	(a)	(b)2,152.1
<i>Total cereals for grain</i>	<i>1,009.8</i>	<i>397.1</i>	<i>356.7</i>	<i>393.9</i>	<i>770.7</i>	<i>6.0</i>	<i>0.1</i>	<i>(a)</i>	<i>(b)2,934.3</i>
<i>Total legumes mainly for grain</i>	<i>3.1</i>	<i>11.1</i>	<i>5.2</i>	<i>9.6</i>	<i>10.5</i>	<i>0.3</i>	—	—	<i>39.8</i>
Crops for hay—									
Oats	12.6	9.2	1.2	9.7	22.3	(c)	—	—	(b)54.9
Wheat	3.8	1.4	0.3	2.2	5.9	(c)	—	(a)	(b)13.7
Other	0.6	0.3	0.4	1.2	1.2	0.5	(a)	—	(b)4.2
<i>Total crops for hay</i>	<i>17.0</i>	<i>10.8</i>	<i>2.0</i>	<i>13.0</i>	<i>29.4</i>	<i>0.5</i>	<i>(a)</i>	<i>(a)</i>	<i>(b)72.7</i>
Sugar cane—									
Cut for crushing	20.6	—	564.8	—	(a)	—	—	—	(b)585.3
Cut for plants	—	—	8.7	—	—	—	—	—	8.7
Tobacco (dried leaf)	3.3	18.9	34.4	—	—	—	—	—	56.6
Cotton	131.4	—	32.8	—	—	—	—	—	164.1
Peanuts	0.6	—	24.3	—	0.1	—	(a)	—	(b)25.0
Linseed	0.1	0.9	0.1	0.3	—	—	—	—	1.5
Rapeseed	0.6	0.8	—	1.7	0.1	(a)	—	—	(b)3.2
Safflower	2.2	0.8	1.7	0.2	—	—	—	—	4.8
Soy beans	5.9	—	12.0	—	0.1	—	—	—	18.1
Sunflower	5.6	2.2	15.1	1.0	0.5	—	—	—	24.4
Fruit—									
Orchard	78.0	71.6	37.5	55.7	23.0	12.7	—	—	278.6
Berry and small	1.2	3.6	2.2	1.7	0.9	1.6	—	—	11.2
Other	19.9	—	36.6	—	4.4	—	0.1	—	61.0
Grapes	32.4	75.6	3.2	69.6	3.2	—	(d)	—	(b)184.0
Vegetables	72.8	125.8	114.3	64.5	46.0	39.5	0.2	0.2	463.3
All other crops—									
Nurseries	44.5	36.6	21.6	14.7	12.3	4.9	0.9	(a)	(b)135.5
Hops	—	3.4	—	—	—	4.4	—	—	7.8
Other crops, n.e.i.	1.0	7.2	5.6	0.4	1.2	2.3	0.1	0.9	18.8
<i>Total crops (excl. pastures and grasses)</i>	<i>1,450.0</i>	<i>766.6</i>	<i>1,278.7</i>	<i>626.2</i>	<i>902.8</i>	<i>72.0</i>	<i>1.4</i>	<i>1.2</i>	<i>5,098.9</i>
Pastures and grasses—									
Cut for hay—									
Lucerne	31.0	9.9	17.7	6.8	1.1	1.2	—	—	67.8
Other	32.2	97.0	4.1	26.0	23.3	7.4	0.7	0.1	190.7
<i>Total cut for hay</i>	<i>63.2</i>	<i>106.8</i>	<i>21.9</i>	<i>32.8</i>	<i>24.4</i>	<i>8.5</i>	<i>0.7</i>	<i>0.1</i>	<i>258.4</i>
Harvested for seed—									
Lucerne	0.7	0.1	—	2.5	(e)	—	—	—	(b)3.3
Clovers—									
Subterranean	1.1	0.8	—	1.8	3.4	—	—	—	7.1
Other	0.2	0.2	—	0.4	0.2	(e)	—	—	(b)0.9
Other, n.e.i.	1.7	3.2	1.9	2.0	0.5	0.9	—	—	10.1
<i>Total harvested for seed</i>	<i>3.7</i>	<i>4.3</i>	<i>1.9</i>	<i>6.6</i>	<i>4.1</i>	<i>0.9</i>	—	—	<i>21.4</i>
<i>Total pastures and grasses</i>	<i>66.9</i>	<i>111.1</i>	<i>23.7</i>	<i>39.4</i>	<i>28.5</i>	<i>9.4</i>	<i>0.7</i>	<i>0.1</i>	<i>279.8</i>
Total crops	1,516.8	877.7	1,302.4	665.6	931.3	81.4	2.1	1.3	5,378.8

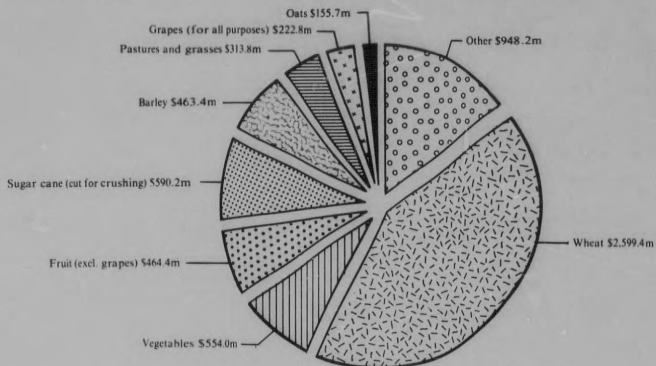
(a) Not available for separate publication; included in 'Other crops, n.e.i.'. (b) Incomplete: see individual States. (c) Not available for separate publication; included in 'Other crops for hay'. (d) Not available for separate publication; excluded from total. (e) Not available for separate publication; included in 'Other, n.e.i.'.

TABLE 6. ALL CROPS, LOCAL VALUE, AUSTRALIA
(\$m)

	1979-80	1980-81	1981-82
Cereals for grain—			
Barley	394.7	333.3	386.8
Canary seed	2.2	0.9	2.1
Grain sorghum	80.4	129.9	112.1
Maize	16.8	22.6	24.7
Oats	89.0	132.9	143.5
Panicum and millet	2.3	5.7	5.9
Rice	88.1	131.4	95.4
Rye	1.0	1.2	2.4
Triticale	2.9	2.7	9.3
Wheat	2,085.9	1,442.5	2,152.1
<i>Total cereals for grain</i>	<i>2,763.4</i>	<i>2,203.1</i>	<i>2,934.3</i>
<i>Total legumes mainly for grain</i>	<i>19.2</i>	<i>28.1</i>	<i>39.8</i>
Crops for hay—			
Oats	29.3	40.4	54.9
Wheat	6.3	13.5	13.7
Other	2.3	3.2	4.2
<i>Total crops for hay</i>	<i>37.9</i>	<i>57.1</i>	<i>72.7</i>
Sugar cane—			
Cut for crushing	544.6	795.3	585.3
Cut for plants	9.5	13.3	8.7
Tobacco (dried leaf)	56.9	59.2	56.6
Cotton	127.0	132.5	164.1
Peanuts	17.6	31.2	25.0
Linseed	2.8	2.0	1.5
Rapeseed	8.4	4.2	3.2
Safflower	5.7	2.0	4.8
Soy beans	19.8	20.6	18.1
Sunflower	31.8	29.4	24.4
Fruit—			
Orchard	257.8	298.8	278.6
Berry and small	10.5	9.6	11.2
Other	52.9	64.5	61.0
Grapes	204.3	155.6	184.0
Vegetables	338.4	439.4	463.3
All other crops—			
Nurseries	(a)	124.7	135.5
Hops	5.7	7.3	7.8
Other crops, n.e.i.	(b)121.9	17.3	18.8
<i>Total crops (excl. pastures and grasses)</i>	<i>4,636.1</i>	<i>4,495.4</i>	<i>5,098.9</i>
Pastures and grasses—			
Cut for hay—			
Lucerne	46.2	61.8	67.8
Other	97.5	142.0	190.7
<i>Total cut for hay</i>	<i>143.6</i>	<i>203.8</i>	<i>258.4</i>
Harvested for seed—			
Lucerne	3.1	4.7	3.3
Clovers—			
Subterranean	8.5	7.9	7.1
Other	1.5	0.8	0.9
Other, n.e.i.	9.8	10.7	10.1
<i>Total harvested for seed</i>	<i>22.9</i>	<i>24.2</i>	<i>21.4</i>
<i>Total pastures and grasses</i>	<i>166.5</i>	<i>228.0</i>	<i>279.8</i>
Total crops	4,802.6	4,723.3	5,378.8

(a) Not available for separate publication; included in 'Other crops, n.e.i.'. (b) Includes value for 'Nurseries'.

GROSS VALUE OF CROPS PRODUCED, AUSTRALIA, 1981-82



GROSS VALUE OF CROPS PRODUCED, BY STATE, 1981-82

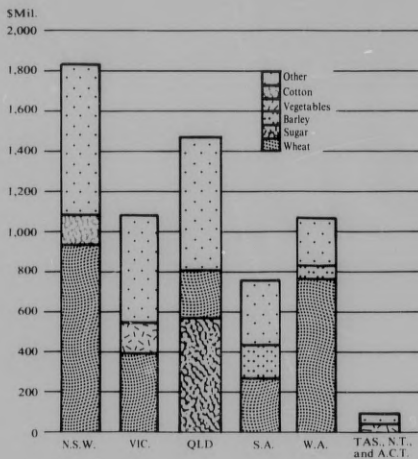


TABLE 7. AVERAGE UNIT GROSS VALUE OF PRINCIPAL CROPS(a), AUSTRALIA
(3)

		1979-80	1980-81	1981-82
Cereals for grain—				
Barley	tonne	121.44	142.01	134.30
Canary seed	"	278.64	363.02	428.73
Grain sorghum	"	104.19	126.24	106.43
Maize	"	130.89	150.91	139.51
Oats	"	69.98	123.59	96.25
Panicum and millet	"	179.66	223.51	165.19
Rice	"	152.93	189.99	121.23
Rye	"	125.09	165.30	162.08
Wheat	"	153.07	155.12	158.89
Crops for hay (excl. pastures and grasses)				
	"	47.69	70.58	73.90
Sugar cane—cut for crushing				
	"	25.92	33.36	23.52
Tobacco (dried leaf)				
	kg	3.94	4.26	4.47
Cotton	"	0.56	0.62	0.56
Peanuts				
	tonne	571.87	848.20	642.27
Linseed	"	216.82	290.20	271.67
Rapeseed	"	220.83	258.86	230.07
Safflower	"	201.74	267.17	266.64
Soy beans	"	263.59	305.83	257.11
Sunflower	"	256.23	246.62	245.53
Hops	kg	3.20	3.51	3.69
Fruit—				
Oranges	tonne	198.59	202.48	238.22
Lemons and limes	"	210.73	175.46	208.09
Apples	"	360.50	387.24	421.75
Pears	"	293.88	284.48	280.96
Apricots	"	527.64	551.39	668.56
Cherries	"	1,513.72	1,537.85	2,427.57
Peaches	"	335.95	324.60	355.63
Plums and prunes	"	709.51	728.53	685.13
Strawberries	"	2,755.57	2,733.73	3,006.14
Bananas	"	366.74	478.91	473.54
Pineapples	"	163.60	160.26	163.51
Grapes—				
Table	"	658.42	785.58	714.61
Wine	"	160.73	176.35	187.92
Dried vine fruit (dried weight)	"	1,627.77	1,695.23	1,387.20
Vegetables—				
Onions	"	206.40	395.23	406.26
Potatoes	"	148.41	196.37	196.70
Tomatoes	"	326.33	346.83	345.49

(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, SEASON 1991-92
 (\$m)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Asst.(a)
Orchard fruit (incl. nuts)—							
Citrus—							
Oranges	41.5	8.3	6.4	31.4	2.1	—	89.6
Lemons and limes	2.7	2.1	1.7	1.6	0.4	—	8.6
Mandarins	1.6	1.9	9.4	1.5	0.8	—	15.2
Other	3.2	1.1	0.8	1.3	0.2	—	6.6
<i>Total citrus</i>	<i>49.0</i>	<i>13.3</i>	<i>18.3</i>	<i>35.9</i>	<i>3.5</i>	<i>—</i>	<i>120.0</i>
Pome—							
Apples	28.0	29.4	17.6	13.0	17.2	18.9	124.2
Pears	2.1	21.2	1.6	2.6	2.6	0.6	30.8
Stone—							
Apricots	0.5	3.0	0.4	13.6	0.4	0.1	18.1
Cherries	6.9	4.2	—	1.5	0.4	0.1	13.2
Nectarines	1.2	1.5	0.6	0.6	0.4	—	4.3
Peaches	6.9	10.2	1.1	3.7	1.1	—	23.0
Plums and prunes	4.6	1.9	1.3	0.7	2.7	—	11.2
Other orchard, n.e.i.—							
Mangoes	—	—	2.6	—	—	—	2.6
Other	2.3	1.2	4.7	0.8	0.1	—	8.9
Nuts—							
Almonds	—	1.8	—	3.2	—	—	4.9
Macadamia	0.6	—	1.9	—	—	—	2.6
Other	1.3	—	0.1	—	—	—	1.4
<i>Total orchard fruit (incl. nuts)</i>	<i>103.3</i>	<i>87.9</i>	<i>50.3</i>	<i>75.6</i>	<i>28.3</i>	<i>19.9</i>	<i>365.4</i>
Berry and small fruit—							
Strawberries	1.3	2.6	2.7	1.8	1.1	0.3	9.8
Other	0.1	1.2	—	0.1	—	1.3	2.7
<i>Total berry and small fruit</i>	<i>1.4</i>	<i>3.8</i>	<i>2.7</i>	<i>1.9</i>	<i>1.1</i>	<i>1.6</i>	<i>12.5</i>
Other fruit—							
Bananas	28.4	—	27.3	—	5.6	—	61.4
Pineapples	—	—	20.5	—	—	—	20.5
Other	0.5	—	4.1	—	—	—	4.6
<i>Total other fruit</i>	<i>28.9</i>	<i>—</i>	<i>52.0</i>	<i>—</i>	<i>5.6</i>	<i>—</i>	<i>86.5</i>
Total fruit (excl. grapes)	133.6	91.7	105.0	77.5	35.0	21.5	464.4
Grapes—							
Fresh—							
Table	3.4	5.9	4.1	2.2	1.1	—	16.6
Wine	19.1	10.8	0.1	62.2	1.7	—	93.9
Dried—							
Currants	0.7	5.1	—	3.5	0.7	—	10.0
Raisins and lexias	1.7	10.8	—	0.5	0.1	—	13.0
Sultanas	13.7	72.2	—	3.3	—	—	89.2
<i>Total grapes</i>	<i>38.6</i>	<i>104.9</i>	<i>4.1</i>	<i>71.7</i>	<i>3.5</i>	<i>—</i>	<i>222.8</i>
Total fruit	172.2	196.5	109.2	149.2	38.6	21.5	687.3

(a) Includes the Northern Territory and the Australian Capital Territory.

TABLE 9. FRUIT, GROSS VALUE, AUSTRALIA
 (\$m)

	1979-80	1980-81	1981-82
Orchard fruit (incl. nuts)—			
Citrus—			
Oranges	77.9	86.0	89.6
Lemons and limes	8.3	8.5	8.6
Mandarins	8.6	14.8	15.2
Other	8.4	6.6	6.6
<i>Total citrus</i>	<i>103.2</i>	<i>115.8</i>	<i>120.0</i>
Pome—			
Apples	107.7	118.9	124.2
Pears	36.5	41.4	30.8
Stone—			
Apricots	13.9	16.9	18.1
Cherries	5.8	10.0	13.2
Nectarines	2.4	3.3	4.3
Peaches	24.0	25.7	23.0
Plums and prunes	10.6	15.2	11.2
Other orchard, n.e.i.—			
Mangoes	1.2	1.9	2.6
Other	12.3	6.4	8.9
Nuts—			
Almonds	2.9	5.4	4.9
Macadamia	2.2	3.0	2.6
Other	2.1	1.6	1.4
<i>Total orchard fruit (incl. nuts)</i>	<i>325.0</i>	<i>365.6</i>	<i>365.4</i>
Berry and small fruit—			
Strawberries	9.7	8.3	9.8
Other	2.1	2.4	2.7
<i>Total berry and small fruit</i>	<i>11.8</i>	<i>10.7</i>	<i>12.5</i>
Other fruit—			
Bananas	45.9	50.5	61.4
Pineapples	20.2	19.8	20.5
Other	3.7	4.3	4.6
<i>Total other fruit</i>	<i>69.8</i>	<i>83.6</i>	<i>86.5</i>
<i>Total fruit (excl. grapes)</i>	<i>406.6</i>	<i>479.8</i>	<i>464.4</i>
Grapes—			
Fresh—			
Table	15.6	17.5	16.6
Wine	80.8	83.4	93.9
Dried—			
Currants	7.4	5.2	10.0
Raisins and lexias	7.2	4.9	13.0
Sultanas	120.2	67.2	89.2
<i>Total grapes</i>	<i>231.1</i>	<i>178.2</i>	<i>222.8</i>
Total fruit	637.7	658.0	687.3

TABLE 10. FRUIT, LOCAL VALUE, SEASON 1981-82
(\$m)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust.(a)
Orchard fruit (incl. nuts)—							
Citrus—							
Oranges	28.9	6.5	4.5	17.8	1.6	—	59.2
Lemons and limes	2.2	1.7	1.2	1.0	0.4	—	6.6
Mandarins	1.1	1.7	6.7	0.7	0.6	—	10.8
Other	2.2	0.8	0.6	0.8	0.1	—	4.6
<i>Total citrus</i>	<i>34.4</i>	<i>10.7</i>	<i>13.0</i>	<i>20.3</i>	<i>2.8</i>	<i>—</i>	<i>81.2</i>
Pome—							
Apples	21.8	24.5	12.9	12.0	13.9	11.9	97.1
Pears	1.6	14.4	1.2	2.1	2.1	0.4	21.9
Stone—							
Apricots	0.4	2.7	0.3	11.7	0.3	0.1	15.6
Cherries	5.9	4.1	—	1.4	0.4	0.1	11.9
Nectarines	0.9	1.4	0.5	0.6	0.3	—	3.7
Peaches	6.0	9.1	0.8	3.3	0.8	—	20.0
Plums and prunes	3.0	1.7	1.0	0.4	2.4	—	8.6
Other orchard, n.e.i.—							
Mangoes	—	—	1.9	—	—	—	1.9
Other	2.0	1.1	3.9	0.7	—	—	7.7
Nuts—							
Almonds	—	1.7	—	3.1	—	—	4.9
Macadamia	0.6	—	1.9	—	—	—	2.6
Other	1.3	—	0.1	—	—	—	1.4
<i>Total orchard fruit (incl. nuts)</i>	<i>78.0</i>	<i>71.6</i>	<i>37.5</i>	<i>55.7</i>	<i>23.0</i>	<i>12.7</i>	<i>278.6</i>
Berry and small fruit—							
Strawberries	1.1	2.5	2.2	1.6	0.9	0.3	8.6
Other	0.1	1.1	—	0.1	—	1.3	2.6
<i>Total berry and small fruit</i>	<i>1.2</i>	<i>3.6</i>	<i>2.2</i>	<i>1.7</i>	<i>0.9</i>	<i>1.6</i>	<i>11.2</i>
Other fruit—							
Bananas	19.4	—	17.9	—	4.4	—	41.9
Pineapples	—	—	15.4	—	—	—	15.4
Other	0.4	—	3.2	—	—	—	3.7
<i>Total other fruit</i>	<i>19.9</i>	<i>—</i>	<i>36.6</i>	<i>—</i>	<i>4.4</i>	<i>—</i>	<i>61.0</i>
Total fruit (excl. grapes)	99.2	75.2	76.3	57.4	28.4	14.2	350.8
Grapes—							
Fresh—							
Table	2.5	5.1	3.2	1.9	0.8	—	13.5
Wine	19.1	10.8	0.1	62.2	1.7	—	93.9
Dried—							
Currants	0.5	3.6	—	2.6	0.7	—	7.4
Raisins and lexias	0.8	5.2	—	0.3	0.1	—	6.3
Sultanas	9.6	51.0	—	2.5	—	—	63.0
<i>Total grapes</i>	<i>32.4</i>	<i>75.6</i>	<i>3.2</i>	<i>69.6</i>	<i>3.1</i>	<i>—</i>	<i>184.0</i>
Total fruit	131.6	150.9	79.5	127.0	31.6	14.2	534.9

(a) Includes the Northern Territory and the Australian Capital Territory.

TABLE II. FRUIT, LOCAL VALUE, AUSTRALIA
(\$m)

	1979-80	1980-81	1981-82
Orchard fruit (incl. nuts)—			
Citrus—			
Oranges	54.0	61.8	59.2
Lemons and limes	6.6	7.2	6.6
Mandarins	6.1	10.5	10.8
Other	6.1	5.0	4.6
<i>Total citrus</i>	<i>72.8</i>	<i>84.5</i>	<i>81.2</i>
Pome—			
Apples	87.7	98.3	97.1
Pears	31.5	37.6	21.9
Stone—			
Apricots	12.3	15.0	15.6
Cherries	5.1	9.1	11.9
Nectarines	2.0	2.8	3.7
Peaches	20.9	23.4	20.0
Plums and prunes	7.2	11.1	8.6
Other orchard, n.e.i.—			
Mangoes	0.9	1.5	1.9
Other	10.4	5.4	7.7
Nuts—			
Almonds	2.7	5.4	4.9
Macadamia	2.2	3.0	2.6
Other	2.1	1.6	1.4
<i>Total orchard fruit (incl. nuts)</i>	<i>257.8</i>	<i>298.8</i>	<i>278.6</i>
Berry and small fruit—			
Strawberries	8.5	7.3	8.6
Other	2.0	2.3	2.6
<i>Total berry and small fruit</i>	<i>10.5</i>	<i>9.6</i>	<i>11.2</i>
Other fruit—			
Bananas	32.4	44.6	41.9
Pineapples	17.6	16.7	15.4
Other	2.9	3.2	3.7
<i>Total other fruit</i>	<i>52.9</i>	<i>64.5</i>	<i>61.0</i>
<i>Total fruit (excl. grapes)</i>	<i>321.1</i>	<i>372.9</i>	<i>350.8</i>
Grapes—			
Fresh—			
Table	12.5	14.9	13.5
Wine	80.8	83.4	93.9
Dried—			
Currants	6.3	4.0	7.4
Raisins and lexias	5.8	2.8	6.3
Sultanas	99.0	50.4	63.0
<i>Total grapes</i>	<i>204.3</i>	<i>155.6</i>	<i>184.0</i>
Total fruit	525.5	528.5	534.9

TABLE 12. VEGETABLES FOR HUMAN CONSUMPTION, GROSS VALUE, 1981-82
(\$m)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust.(a)
Cabbages and brussels sprouts	3.7	6.2	1.5	3.4	1.0	0.3	16.0
Carrots	6.1	8.4	5.5	6.0	4.1	2.3	32.4
Lettuce	4.8	7.0	4.7	2.9	2.8	0.5	22.6
Onions, white and brown	5.9	2.9	14.1	16.4	7.2	5.2	51.8
Potatoes	18.3	70.4	33.2	23.5	16.8	18.6	180.7
Tomatoes	12.3	13.5	40.7	8.3	3.5	0.5	78.9
Other vegetables	37.3	45.1	45.5	14.4	15.4	13.7	171.9
Total vegetables for human consumption	88.4	153.5	145.2	74.9	50.8	41.1	554.3

(a) Includes the Northern Territory and the Australian Capital Territory.

TABLE 13. VEGETABLES FOR HUMAN CONSUMPTION, GROSS VALUE, AUSTRALIA
(\$m)

	1979-80	1980-81	1981-82
Cabbages and brussels sprouts	14.0	13.5	16.0
Carrots	22.0	26.3	32.4
Lettuce	19.8	24.2	22.6
Onions, white and brown	24.8	45.4	51.8
Potatoes	127.2	170.0	180.7
Tomatoes	64.3	75.2	78.9
Other vegetables	130.2	154.5	171.9
Total vegetables for human consumption	402.3	509.0	554.3

TABLE 14. VEGETABLES FOR HUMAN CONSUMPTION, LOCAL VALUE, 1981-82
(\$m)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust.(a)
Cabbages and brussels sprouts	2.9	5.6	1.1	3.2	0.8	0.3	13.9
Carrots	4.9	6.3	4.6	5.6	3.4	2.3	27.0
Lettuce	3.5	5.3	3.6	2.8	2.3	0.5	18.1
Onions, white and brown	4.5	2.0	11.8	14.9	6.3	4.7	44.3
Potatoes	13.5	54.4	26.9	17.8	16.5	17.7	146.9
Tomatoes	10.9	10.9	30.0	6.8	3.0	0.5	62.1
Other vegetables	32.6	41.3	36.3	13.4	13.7	13.5	151.0
Total vegetables for human consumption	72.8	125.8	114.3	64.5	46.0	39.5	463.3

(a) Includes the Northern Territory and the Australian Capital Territory.

TABLE 15. VEGETABLES FOR HUMAN CONSUMPTION, LOCAL VALUE, AUSTRALIA
(\$m)

	1979-80	1980-81	1981-82
Cabbages and brussels sprouts	12.2	11.6	13.9
Carrots	18.6	23.1	27.0
Lettuce	16.5	20.9	18.1
Onions, white and brown	20.8	39.8	44.3
Potatoes	107.5	146.1	146.9
Tomatoes	52.7	61.3	62.1
Other vegetables	110.2	136.6	151.0
Total vegetables for human consumption	338.4	439.4	463.3

III. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS

TABLE 16. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS(a), GROSS VALUE, 1981-82 (\$m)

	N.S.W.(b)	Vic.(b)	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Cattle and calves	419.2	420.1	691.5	120.0	122.8	57.0	58.6	0.9	1,890.1
Sheep and lambs	150.2	182.1	15.0	122.0	157.3	19.7	n.a.	0.5	(c)646.7
Pigs	101.3	110.0	83.9	53.3	39.1	7.8	0.8	—	396.1
Poultry	(d)174.4	73.9	41.9	35.9	30.4	5.6	0.5	(e)	362.7
Total	845.1	786.1	832.3	331.1	349.5	90.2	59.9	1.4	3,295.6

(a) Includes adjustment for net exports (overseas and interstate) of live animals. (b) Data on border crossings of livestock between New South Wales and Victoria was not available for 1981-82. Consequently no adjustment for net exports or imports of livestock between these States has been made. (c) Incomplete; see individual States. (d) Includes the Australian Capital Territory. (e) Not available for separate publication; included with New South Wales.

TABLE 17. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS(a), GROSS VALUE, AUSTRALIA (\$m)

	1979-80	1980-81	1981-82
Cattle and calves	2,386.0	2,056.5	1,890.1
Sheep and lambs	654.3	718.9	646.7
Pigs	311.3	337.5	396.1
Poultry	307.2	361.4	362.7
Total	3,658.8	3,474.3	3,295.6

(a) Includes adjustment for net exports overseas of live animals.

TABLE 18. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS(a), LOCAL VALUE, 1981-82 (\$m)

	N.S.W.(b)	Vic.(b)	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Cattle and calves	384.2	379.6	629.1	109.9	113.3	49.4	50.5	0.9	1,717.0
Sheep and lambs	132.1	167.7	12.6	110.9	143.4	16.9	n.a.	0.5	(c)584.1
Pigs	93.1	101.8	78.5	51.5	36.1	6.8	0.8	—	368.6
Poultry	(d)174.4	73.9	41.9	33.9	30.4	5.6	0.5	(e)	360.7
Total	783.8	723.1	762.2	306.1	323.1	78.8	51.7	1.4	3,030.4

(a) Includes adjustment for net exports (overseas and interstate) of live animals. (b) Data on border crossings of livestock between New South Wales and Victoria was not available for 1981-82. Consequently no adjustment for net exports or imports of livestock between these States has been made. (c) Incomplete; see individual States. (d) Includes the Australian Capital Territory. (e) Not available for separate publication; included with New South Wales.

TABLE 19. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS(a), LOCAL VALUE, AUSTRALIA (\$m)

	1979-80	1980-81	1981-82
Cattle and calves	2,220.3	1,905.8	1,717.0
Sheep and lambs	596.7	648.6	584.1
Pigs	288.8	313.5	368.6
Poultry	305.4	359.0	360.7
Total	3,411.2	3,226.8	3,030.4

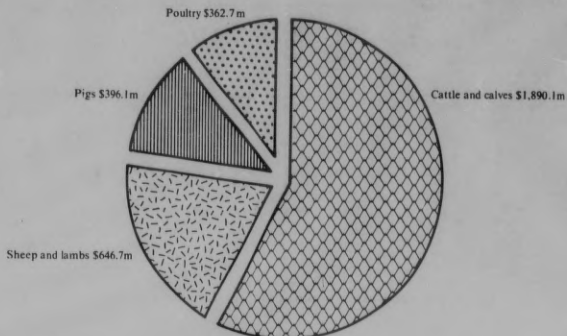
(a) Includes adjustment for net exports overseas of live animals.

TABLE 20. AVERAGE UNIT GROSS VALUE OF LIVESTOCK SLAUGHTERINGS(a), AUSTRALIA (\$)

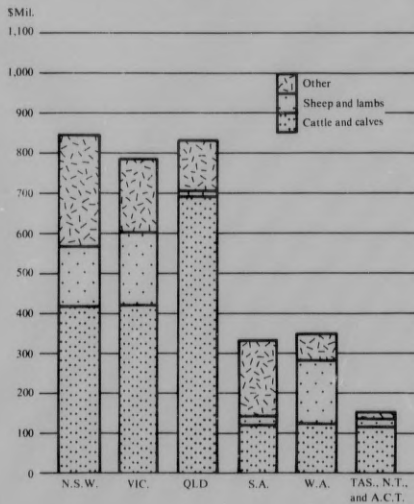
	1979-80	1980-81	1981-82	
Cattle and calves	per animal	267.06	240.48	213.70
Sheep and lambs	"	15.65	16.71	16.67
Pigs	"	81.17	79.46	96.98
Poultry	"	1.30	1.54	1.68

(a) Obtained by dividing the total gross value of slaughterings by the total number of animals slaughtered.

GROSS VALUE OF LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS,
AUSTRALIA, 1981-82



GROSS VALUE OF LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS,
BY STATE, 1981-82



IV. LIVESTOCK PRODUCTS

TABLE 21. LIVESTOCK PRODUCTS, GROSS VALUE, 1981-82
(\$m)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Wool—									
Shorn	550.1	331.3	146.0	252.9	376.7	56.0	n.a.	(a)	(b)1,713.0
Other(c)	25.2	27.5	4.8	7.7	8.1	1.3	n.a.	(a)	(b)74.6
Total wool	575.3	358.8	150.8	260.3	384.8	57.2	n.a.	1.1	(b)1,788.7
Liquid whole milk used for—									
Manufacturing	52.0	380.0	44.8	27.1	14.3	42.6	—	—	560.9
Human consumption	184.1	140.6	76.9	24.9	36.0	10.6	(d)	(e)	(b)473.0
Total whole milk production	236.1	520.6	121.7	51.9	50.3	53.2	—	(e)	(b)1,033.9
Eggs	102.5	65.5	33.2	22.5	20.6	6.6	2.5	(e)	(b)253.4
Honey	6.6	4.1	2.1	3.0	1.7	0.8	—	—	18.2
Beeswax	0.6	0.4	0.2	0.3	(f)0.4	—	—	—	2.0
Total livestock products	921.1	949.4	308.1	338.3	457.9	117.7	2.5	5.6	(g)3,100.6

(a) Not available for separate publication; included in 'Total wool'. (b) Incomplete; see individual States. (c) Includes dead and fellmongered wool and wool exported on skins. (d) Not available for publication, excluded from totals. (e) Not available for separate publication; included in 'Total livestock products'. (f) Includes pollen. (g) Includes Australian Capital Territory milk and eggs.

TABLE 22. LIVESTOCK PRODUCTS, GROSS VALUE, AUSTRALIA
(\$m)

	1979-80	1980-81	1981-82
Wool—			
Shorn	1,508.1	1,576.7	1,713.0
Other(a)	143.3	92.8	74.6
Total wool(b)	1,651.4	1,669.5	1,788.7
Liquid whole milk used for—			
Manufacturing	309.0	482.7	560.9
Human consumption	367.0	402.5	473.0
Total whole milk production	676.0	885.1	1,033.9
Eggs	216.1	227.4	253.4
Honey	19.5	15.8	18.2
Beeswax	1.7	1.5	2.0
Total livestock products	2,544.3	(c)2,883.8	(c)3,100.6

(a) Includes dead and fellmongered wool and wool exported on skins. (b) Includes A.C.T. wool. (c) Includes Australian Capital Territory milk and eggs.

TABLE 23. LIVESTOCK PRODUCTS, LOCAL VALUE, 1981-82
(\$m)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Wool—									
Shorn	516.9	303.7	137.3	237.1	361.5	51.9	n.a.	(a)	(b)1,608.4
Other(c)	25.2	27.5	4.8	6.9	8.1	1.3	n.a.	(a)	(b)73.8
Total wool	542.2	331.2	142.1	244.0	369.6	53.2	n.a.	1.1	(b)1,683.4
Liquid whole milk used for—									
Manufacturing	52.0	380.0	44.8	27.0	12.9	42.6	—	—	559.4
Human consumption	164.4	111.2	76.9	24.9	31.5	10.6	(d)	(e)	(b)419.4
Total whole milk production	216.4	491.2	121.7	51.9	44.4	53.2	—	(e)	(b)978.8
Eggs	91.0	56.6	29.0	17.9	15.8	5.7	2.5	(e)	(b)218.5
Honey	6.6	4.1	2.1	2.8	1.7	0.6	—	—	18.0
Beeswax	0.6	0.4	0.2	0.3	(f)0.4	—	—	—	2.0
Total livestock products	856.8	883.4	295.1	316.9	432.0	112.7	2.5	5.1	(g)2,904.6

(a) Not available for separate publication; included in 'Total wool'. (b) Incomplete; see individual States. (c) Includes dead and fellmongered wool and wool exported on skins. (d) Not available for publication; excluded from totals. (e) Not available for separate publication; included in 'Total livestock products'. (f) Includes pollen. (g) Includes Australian Capital Territory milk and eggs.

TABLE 24. LIVESTOCK PRODUCTS, LOCAL VALUE, AUSTRALIA
(\$m)

	1979-80	1980-81	1981-82
Wool—			
Shorn	1,408.7	1,484.7	1,608.4
Other(a)	140.1	90.7	73.8
Total wool(b)	1,548.7	1,575.3	1,683.4
Liquid whole milk used for—			
Manufacturing	287.0	478.7	559.4
Human consumption	319.9	351.5	419.4
Total whole milk production	606.8	830.2	978.8
Eggs	187.8	191.1	218.5
Honey	18.1	15.0	18.0
Beeswax	1.6	1.5	2.0
Total livestock products	2,363.1	(c)2,617.1	(c)2,904.6

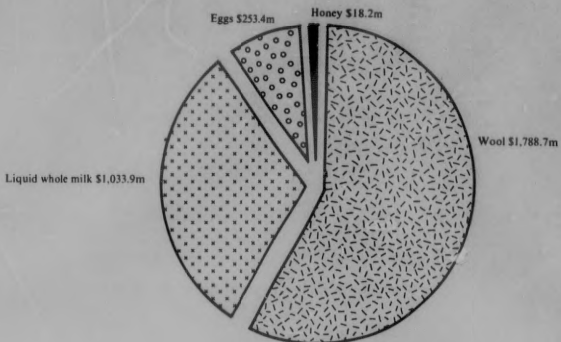
(a) Includes dead and fellmongered wool and wool exported on skins. (b) Includes A.C.T. wool. (c) Includes Australian Capital Territory milk and eggs.

TABLE 25. AVERAGE UNIT GROSS VALUE OF LIVESTOCK PRODUCTS(a), AUSTRALIA
(\$)

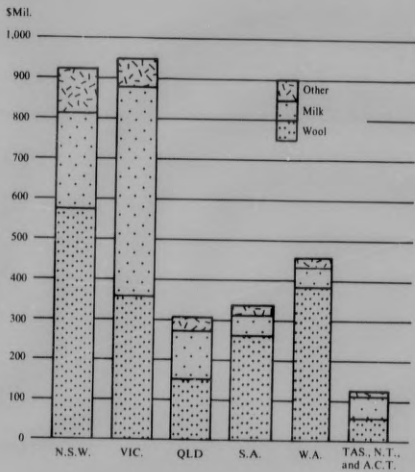
		1979-80	1980-81	1981-82
Wool	kg	2.34	2.38	2.49
Liquid whole milk used for—				
Manufacturing	litre	0.08	0.13	0.15
Human consumption	"	0.24	0.26	0.30
Total whole milk production	"	0.12	0.17	0.20
Eggs	doz	0.93	1.02	1.18
Honey	kg	0.76	0.80	0.73

(a) Obtained, for each product, by dividing the total gross value of commodities by the total quantity produced.

GROSS VALUE OF LIVESTOCK PRODUCTS, AUSTRALIA, 1981-82



GROSS VALUE OF LIVESTOCK PRODUCTS, BY STATE, 1981-82



V. OTHER**EXPLANATORY NOTES****Introduction**

Table 26 contains gross values of production for selected agricultural commodities produced classified by industry of the producing establishments.

Australian Standard Industrial Classification (ASIC)

2. 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 1978 edition of ASIC has been used in compiling Table 26.

Methodology

3. The gross values of the selected agricultural commodities included in Table 26 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.

4. 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 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.

Limitations

5. As the data in Table 26 are derived according to various assumptions (see paragraph 4 above) they should be treated only as indicators.

TABLE 26. GROSS VALUE OF SELECTED AGRICULTURAL COMMODITIES PRODUCED CLASSIFIED BY INDUSTRY OF PRODUCING ESTABLISHMENT, AUSTRALIA, 1981-82
(\$m)

	0124-5 Poultry	0134-6 Fruit	0143-4 Vegetables	0181 Cereal grains inc. 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
Crops—														
Barley for grain	1.0	0.4	2.4	167.1	227.0	21.5	6.3	14.1	4.1	5.3	8.6	3.8	1.9	463.4
Oats for grain	0.1	0.3	0.3	21.4	82.0	6.2	14.2	24.0	3.4	1.2	0.7	1.1	0.7	155.7
Wheat for grain	2.1	2.1	4.7	1,190.5	1,092.3	170.0	26.5	38.5	22.1	6.8	11.2	24.7	8.1	2,599.4
Cotton	—	—	0.1	16.2	0.4	2.8	0.9	0.7	2.1	2.3	0.1	145.7	10.7	182.0
Sugar cane cut for crushing	—	0.7	1.6	0.6	—	—	—	—	0.7	0.4	0.1	583.9	2.1	590.2
Fruit—														
Citrus	1.2	109.6	2.4	0.9	0.2	—	—	0.8	0.6	0.4	0.2	1.4	2.2	120.0
Pome	0.1	144.8	3.4	—	—	—	0.3	1.6	0.9	0.5	0.1	1.2	2.1	155.1
Stone and other	1.0	156.0	7.1	1.0	0.2	0.2	0.5	1.5	2.8	0.9	0.4	5.0	4.0	180.4
Nuts	—	7.8	0.3	0.1	—	—	—	0.1	0.2	0.1	—	0.2	0.1	8.9
Grapes	0.8	205.5	2.1	2.4	0.5	—	0.3	1.6	0.4	1.0	0.2	0.9	7.1	222.8
Vegetables—														
Carrots	0.1	0.5	30.2	0.4	—	—	—	—	0.1	0.1	—	0.1	0.9	32.4
Onions	0.2	0.5	48.0	0.7	—	—	—	0.3	0.3	0.9	—	0.1	0.7	51.8
Potatoes	0.3	2.1	152.2	1.2	0.3	0.3	1.5	5.5	5.0	7.2	0.2	1.3	3.6	180.7
Tomatoes	0.2	2.7	71.9	1.1	0.2	0.4	—	0.4	0.5	0.3	0.1	0.7	0.3	78.9
Livestock slaughtering and other disposals—														
Cattle and calves	1.3	6.6	17.6	51.0	60.1	151.6	278.2	71.8	1,039.6	148.6	10.8	21.9	31.0	1,890.1
Sheep and lambs	0.4	1.2	4.0	47.8	226.1	5.4	126.4	211.0	8.9	5.0	2.8	3.1	4.5	646.7
Pigs	2.5	1.2	0.6	40.1	26.4	2.3	1.7	10.1	8.0	15.6	275.3	2.1	10.1	396.1
Poultry	336.5	3.9	0.9	0.1	—	—	—	0.4	1.0	2.4	4.9	1.4	11.2	362.7
Livestock products—														
Wool	0.9	2.6	4.1	106.7	598.3	11.3	333.3	610.3	15.9	7.0	5.7	7.4	9.4	1,713.0
Milk	1.0	1.7	8.3	5.5	—	0.4	0.6	4.3	7.5	983.3	7.4	4.1	9.6	1,033.9
Eggs	239.6	0.3	0.6	3.9	1.7	0.2	—	0.7	0.6	0.2	1.2	0.6	3.7	253.4

TABLE 27. GROSS VALUE OF AGRICULTURAL COMMODITIES PRODUCED AND OUTPUT, AUSTRALIA

	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
<i>(\$m)</i>												
Crops—												
Barley for grain	110.8	124.2	90.9	190.5	256.9	313.9	294.8	205.0	339.1	449.8	380.9	463.4
Oats for grain	54.3	37.4	31.5	66.8	59.6	77.8	74.4	69.1	100.5	98.8	139.5	155.7
Wheat for grain	403.6	462.6	356.6	1,311.9	1,256.4	1,249.2	1,051.5	934.9	2,295.8	2,478.0	1,684.1	2,599.4
Other cereal grains	86.1	76.2	96.0	145.8	128.3	157.3	163.3	145.5	222.3	218.9	327.6	294.1
Sugar cane cut for crushing	173.3	207.4	230.2	218.9	490.7	435.6	472.2	420.5	396.5	548.2	799.7	590.2
Fruit and nuts	199.5	186.2	223.4	217.3	266.5	269.4	290.3	324.0	387.7	406.6	459.8	464.4
Grapes	45.8	66.3	64.9	83.2	101.4	102.3	128.5	141.6	150.1	231.1	178.2	222.8
Vegetables	167.2	158.4	181.4	239.7	256.2	274.3	295.1	324.4	403.4	402.3	509.0	554.3
All other crops(a)	250.3	279.1	307.6	384.7	387.7	368.6	419.7	482.0	617.2	707.3	827.2	967.6
Total crops	1,490.8	1,597.6	1,582.4	2,858.7	3,203.8	3,248.2	3,189.7	3,047.0	4,912.5	5,540.8	5,305.9	6,311.9
Livestock slaughtering and other disposals (b)—												
Cattle and calves(c)	642.3	717.6	1,021.7	1,069.1	523.4	706.3	1,010.8	1,176.9	2,154.6	2,386.0	2,056.5	1,890.1
Sheep and lambs	178.4	215.7	306.1	321.4	178.3	203.9	299.0	344.8	445.1	654.3	718.9	646.7
Pigs	105.0	111.2	123.7	173.0	177.7	183.3	197.4	212.7	253.8	311.3	337.5	396.1
Poultry	84.2	89.8	90.6	132.5	139.8	152.9	178.4	220.0	244.2	307.2	361.4	362.7
Total livestock slaughtering and other disposals	1,009.9	1,134.4	1,542.2	1,696.0	1,019.2	1,246.4	1,685.7	1,954.4	3,097.7	3,658.8	3,474.3	3,295.6
Livestock products—												
Wool	537.5	660.5	1,242.6	1,229.3	952.7	999.6	1,172.5	1,206.3	1,374.5	1,651.4	1,669.5	1,788.7
Milk	425.6	457.9	464.1	467.6	520.9	492.0	520.9	553.3	627.7	676.0	885.1	1,033.9
Eggs	111.2	110.9	117.4	147.8	169.7	175.3	178.6	196.3	196.9	216.1	227.4	253.4
Total livestock products(d)	1,079.0	1,235.6	1,832.5	1,857.0	1,553.1	1,678.1	1,881.2	1,970.4	2,214.5	2,564.3	(e)2,803.8	(e)3,100.6
Total value of agricultural commodities produced	3,579.7	3,967.7	4,957.1	6,411.7	5,876.0	6,172.7	6,756.6	6,971.8	10,224.7	11,763.9	11,584.1	12,708.2
Deduct value of seed and fodder consumed or retained on farms(a)	292.3	256.1	343.1	475.9	473.9	462.3	457.2	422.1	513.2	638.6	829.2	829.5
Total value of agricultural commodities output	3,287.4	3,711.6	4,614.0	5,935.9	5,402.2	5,710.4	6,299.4	6,549.7	9,711.5	11,125.3	10,754.9	11,878.7

(a) Includes pastures and grasses. Excludes crops for green feed or silage. (b) Includes net exports of livestock. (c) Includes dairy cattle slaughtered. (d) Includes honey and beeswax. (e) Includes Australian Capital Territory milk and eggs.

B. INDEXES OF VALUES AT CONSTANT PRICES OF AGRICULTURAL COMMODITIES PRODUCED

EXPLANATORY NOTES

Introduction

The following table 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 27.

2. The indexes of values at constant prices are weighted by the average unit values for the year 1979-80 and are published with the reference period 1979-80 = 1000.
3. The quantum 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 quantum 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 27 in current price value terms.
4. 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.
5. In the main, the method used in compiling the quantum indexes has been to apply to current year quantities for individual farm commodities the corresponding average unit gross values for 1979-80. 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. The weights used for the series are average unit gross values of the year 1979-80.

TABLE 28. INDEXES OF VALUES AT CONSTANT PRICES OF AGRICULTURAL COMMODITIES PRODUCED AND OUTPUT(a)
(1979-80 = 1000)

	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
Crops—												
Barley for grain	635	828	466	647	679	858	769	644	1,082	1,000	724	932
Oats for grain	1,143	904	522	785	619	809	760	702	1,250	1,000	799	1,146
Wheat for grain	483	528	395	739	698	741	732	579	1,127	1,000	663	1,017
Other cereal grains	1,027	934	826	909	819	964	970	821	1,207	1,000	1,233	1,417
Sugar cane(b)	858	951	959	865	977	984	1,135	1,146	984	1,000	1,121	1,165
Fruit and nuts	1,166	1,066	1,158	993	1,028	923	903	851	1,022	1,000	1,069	994
Grapes	697	1,052	690	611	815	812	800	801	783	1,000	825	984
Vegetables	834	892	805	704	835	792	877	913	998	1,000	1,011	1,056
All other crops(c)	844	1,006	773	897	829	717	737	766	1,009	1,000	970	1,111
Total	696	765	622	782	783	802	812	729	1,068	1,000	839	1,054
Livestock slaughtering and other disposals—												
Cattle and calves(d)	669	746	927	845	989	1,176	1,271	1,396	1,290	1,000	938	1,005
Sheep and lambs	1,096	1,231	961	674	774	843	860	863	830	1,000	1,014	955
Pigs	827	886	1,075	961	797	791	843	906	904	1,000	1,061	1,038
Poultry	484	522	514	618	605	652	697	785	866	1,000	968	893
Total(e)	744	826	912	806	902	1,039	1,111	1,206	1,138	1,000	963	990
Livestock products—												
Wool	1,256	1,245	1,038	989	1,120	1,065	992	956	994	1,000	990	1,012
Milk	1,329	1,302	1,296	1,270	1,199	1,151	1,045	948	1,031	1,000	947	964
Eggs	1,206	1,175	1,142	1,085	1,103	1,090	990	1,046	1,017	1,000	959	927
Total(f)	1,267	1,250	1,112	1,070	1,137	1,088	1,003	959	1,004	1,000	974	993
Total agricultural commodities produced	835	890	819	852	897	938	947	929	1,076	1,000	908	1,021
less Seed and fodder consumed or retained on farms	1,138	1,090	1,039	1,170	987	906	861	728	972	1,000	1,034	971
Agricultural output	818	878	807	834	892	940	952	940	1,082	1,000	901	1,023

(a) Indexes of values at constant prices (weighted by average unit values of the year 1979-80). (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.