



**VALUE OF AGRICULTURAL
COMMODITIES PRODUCED
AUSTRALIA
1980-81**

CATALOGUE NO. 7503.0

AUSTRALIAN BUREAU OF STATISTICS Canberra

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1980-81**

R. J. CAMERON
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

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PHONE INQUIRIES for more information about these statistics—contact Mr Peter Corkran on Canberra (062) 52 5348 or any of our State offices.
other inquiries including copies of publications—contact Information Services on Canberra (062) 52 6627 or in any of our State offices.

MAIL INQUIRIES write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any of our State offices.

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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 the agricultural commodities. (For further information on the industry dissection of the gross value of production of selected commodities see Explanatory notes, page 20 and on quantum indexes see Explanatory notes, page 23).

Information sources

2. *Quantity data.* Quantity data are, in the main, derived from the Agricultural Census held at 31 March each year. In conjunction with the Census, supplementary collections are conducted e.g. where the harvesting of certain crops had not commenced (e.g. rice), or was not completed (e.g. apples, potatoes) by 31 March. Special returns covering the crops concerned are collected after the completion of the harvest and the values of these crops included in this publication. Crops which were sown just prior to 31 March are excluded. 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.

3. *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.

4. The period covered in this publication with regard to crops refers, in general, to the season ended 31 March, and for the remaining commodities refers to the year ended 30 June. 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

5. 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. In general the *market place* 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.
- (b) *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.

(c) *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).

(d) *Average unit gross values* are calculated by dividing the gross value of each commodity produced by the total production of each corresponding commodity.

(e) *Values* include any relevant subsidy and bounty payments. Transactions of the Wheat Industry Stabilisation Fund have not been taken into account in the valuation of wheat.

(f) *Livestock slaughtering and other disposals.* Values for 'Livestock slaughtering and other disposals' are published as one figure but include two distinct components:

- (i) Value of livestock slaughtered
- (ii) Value of net exports (imports are regarded as negative exports)—the total value of livestock intended for slaughter in adjacent State(s) and livestock exported overseas whether for slaughter or breeding.

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

Related publications

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

Agricultural Industries, Financial Statistics, Australia 1980-81 (7507.0)

Agricultural Industries, Structure of Operating Units, Australia, 1980-81 (7102.0)

Beekeeping, Australia, 1980-81 (7214.0)

Crops, Australia, 1980-81 (7302.0)

Dairying and Dairy Products, Australia, 1980-81 (7209.0)

Fruit, Australia, 1980-81 (7303.0)

Value of Agricultural Commodities Produced, Australia, First Estimates, 1981-82 (7501.0)

Livestock, Australia, 1980-81 (7203.0)

Meat, Australia, 1980-81 (7206.0)

Value of Agricultural Commodities Produced, Australia, 1980-81 (Second Estimates) (7502.0)

Wheat, Australia, 1980-81 (7307.0)

Wool, Australia, 1980-81 (7212.0)

7. 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

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

A. VALUE OF AGRICULTURAL COMMODITIES PRODUCED

I. SUMMARY

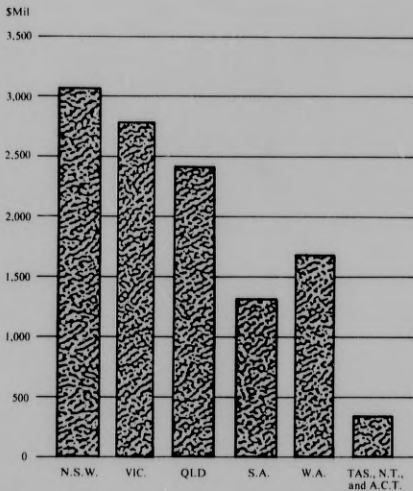
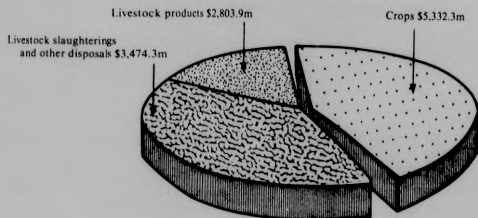
TABLE 1. GROSS AND LOCAL VALUES OF AGRICULTURAL COMMODITIES, 1980-81
(\$' 000)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
CROPS									
Gross value of production	1,267,680	1,057,153	1,452,137	693,592	778,253	80,324	1,908	1,273	5,332,320
Marketing costs	159,837	130,163	113,849	79,607	87,122	9,226	—	163	579,967
Local value of production	1,107,843	926,990	1,338,288	613,985	691,131	71,098	1,908	1,110	4,752,353
LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS									
Gross value of production	1,005,209	872,779	711,720	306,896	422,842	93,904	58,690	2,257	3,474,297
Marketing costs	65,983	65,921	52,877	21,078	24,871	11,662	4,902	162	247,456
Local value of production	939,226	806,858	658,843	285,818	397,971	82,242	53,788	2,095	3,226,841
LIVESTOCK PRODUCTS									
Gross value of production	801,160	841,156	247,578	321,053	485,492	100,219	1,757	5,429	2,803,844
Marketing costs	55,731	62,270	17,517	18,205	27,471	5,115	—	459	186,768
Local value of production	745,429	778,886	230,061	302,848	458,021	95,104	1,757	4,970	2,617,076
TOTAL AGRICULTURE									
Gross value of production	3,074,049	2,771,088	2,411,435	1,321,541	1,686,587	274,447	62,355	8,959	11,610,461
Marketing costs	281,551	258,354	184,243	118,890	139,464	28,003	4,902	784	1,014,191
Local value of production	2,792,498	2,512,734	2,227,192	1,202,651	1,547,123	248,444	57,453	8,175	10,596,270

TABLE 2. GROSS AND LOCAL VALUES OF AGRICULTURAL COMMODITIES, AUSTRALIA
(\$' 000)

	1978-79	1979-80	1980-81
GROSS VALUE			
Crops	4,912,513	5,540,828	5,332,320
Livestock slaughterings and other disposals	3,097,729	3,658,802	3,474,297
Livestock products	2,214,463	2,564,273	2,803,844
Total agriculture	10,224,705	11,763,903	11,610,461
LOCAL VALUE			
Crops	4,178,217	4,802,585	4,752,353
Livestock slaughterings and other disposals	2,848,935	3,411,218	3,226,841
Livestock products	2,029,010	2,363,136	2,617,076
Total agriculture	9,056,162	10,576,939	10,596,270

GROSS VALUE OF AGRICULTURAL COMMODITIES
1980-81 \$11,610,461,000



II. CROPS

TABLE 3. ALL CROPS, GROSS VALUE, 1980-81
(S' 000)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Cereals for grain—									
Barley	54,608	62,080	24,882	165,418	71,164	2,742	—	(a)	(b)380,894
Canary seed	134	7	780	45	—	—	—	—	966
Grain sorghum	18,028	95	133,199	—	592	—	69	—	151,983
Maire	7,366	543	17,990	26	123	—	29	—	26,077
Oats	41,858	33,262	1,483	14,039	46,980	1,819	—	11	139,452
Panicum and millet	283	212	5,588	—	7	—	—	—	6,090
Rice	133,206	—	4,592	—	424	—	(a)	—	(b)138,222
Rye	147	219	—	949	156	(a)	—	—	(b)1,471
Triticale	1,936	—	406	212	51	146	—	—	2,751
Wheat	435,617	408,942	76,806	253,599	508,734	355	—	(a)	(b)1,684,053
Total cereals for grain	693,182	505,360	265,726	434,289	628,231	5,062	99	11	2,531,960
Legumes mainly for grain—									
Soy beans	6,311	31	15,984	—	55	—	—	—	22,381
Other	2,193	7,928	2,121	10,519	8,513	232	—	—	31,506
Total legumes mainly for grain	8,504	7,959	18,105	10,520	8,567	232	—	—	53,887
Crops for hay—									
Oats	8,447	7,288	667	4,583	20,489	(c)	—	21	(b)41,495
Wheat	7,375	918	286	1,319	3,704	(c)	—	(a)	(b)13,602
Other	924	294	514	522	614	358	(a)	—	(b)3,226
Total crops for hay	16,745	8,500	1,466	6,423	24,806	358	—	21	58,319
Sugar cane—									
Cut for crushing	40,530	—	759,214	—	(a)	—	—	—	(b)799,744
Cut for plants	—	—	13,272	—	—	—	—	—	13,272
Tobacco (dried leaf)	4,048	25,581	32,334	—	—	—	—	—	61,963
Cotton	118,937	—	28,252	—	—	—	—	—	147,189
Peanuts	798	—	35,755	—	(a)	—	78	—	(b)36,631
Linseed	356	1,238	149	392	18	—	—	—	2,153
Rapeseed	1,261	583	—	2,352	265	(a)	—	—	(b)4,461
Sunflower	593	466	863	245	—	—	—	—	2,167
Sunflower	4,780	2,353	25,094	1,490	563	—	—	—	34,280
Fruit—									
Orchard	101,745	107,128	39,098	71,392	28,349	17,782	26	70	365,590
Berry and small	992	3,490	2,089	1,725	928	1,446	—	—	10,670
Other	31,917	2	47,231	—	4,383	—	49	—	83,582
Grapes	43,314	95,867	5,246	57,049	3,046	30	(d)	—	(b)204,552
Vegetables	92,770	148,244	127,282	64,917	40,622	34,700	297	213	509,045
All other crops—									
Nurseries	52,380	41,222	21,702	11,812	12,048	4,997	927	(a)	(b)145,088
Hops	—	3,434	—	—	—	4,678	—	—	8,112
Other crops, n.e.i.	1,660	9,270	4,131	337	555	2,692	8	901	19,554
Total crops (excl. pastures and grasses)	1,214,513	960,697	1,427,007	662,944	752,381	71,977	1,483	1,216	5,092,218
Pastures and grasses—									
Cut for hay—									
Lucerne	27,577	11,099	18,706	7,644	894	705	101	36	66,762
Other	22,988	79,861	3,000	13,782	20,376	6,982	318	21	147,328
Total cut for hay	50,565	90,960	21,706	21,427	21,270	7,687	419	57	214,091
Harvested for seed—									
Lucerne	669	139	2	4,042	97	12	—	—	4,961
Clovers—									
Subterranean	562	902	—	3,340	3,493	(e)	—	—	8,297
Other	237	114	—	289	222	(e)	—	—	(b)862
Other, n.e.i.	1,134	4,342	3,422	1,550	789	649	5	—	11,891
Total harvested for seed	2,602	5,497	3,424	9,221	4,601	660	5	—	26,010
Total pastures and grasses	53,167	96,457	25,130	30,648	25,871	8,347	424	57	240,101
Total crops	1,267,680	1,057,153	1,452,137	693,592	778,253	80,324	1,908	1,273	5,332,320

(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
 (\$'000)

	1978-79	1979-80	1980-81
Cereals for grain—			
Barley	339,089	449,754	380,894
Canary seed	2,630	2,637	966
Grain sorghum	97,443	96,066	151,983
Maize	15,609	19,752	26,077
Oats	100,456	98,753	139,452
Panicum and millet	5,607	2,575	6,990
Rice	97,752	93,771	138,222
Rye	2,218	1,164	1,471
Triticale	n.a.	2,920	2,751
Wheat	2,295,836	2,477,973	1,684,053
<i>Total cereals for grain</i>	<i>2,957,640</i>	<i>3,245,365</i>	<i>2,531,960</i>
Legumes mainly for grain—			
Soy beans	24,641	21,604	22,381
Other	18,251	21,891	31,506
<i>Total legumes mainly for grain</i>	<i>42,892</i>	<i>43,495</i>	<i>53,887</i>
Crops for hay—			
Oats	31,990	30,320	41,495
Wheat	6,053	6,386	13,602
Other	2,170	2,359	3,226
<i>Total crops for hay</i>	<i>40,214</i>	<i>39,065</i>	<i>58,319</i>
Sugar cane—			
Cut for crushing	396,483	548,245	799,744
Cut for plants	6,138	9,481	13,272
Tobacco (dried leaf)	55,278	59,453	61,963
Cotton	75,995	135,306	147,189
Peanuts	28,652	22,268	36,631
Linseed	2,550	3,112	2,153
Rapeseed	4,797	9,083	4,461
Safflower	11,003	6,047	2,167
Sunflower	45,784	36,300	34,280
Fruit—			
Orchard	305,515	325,044	365,590
Berry and small	9,904	11,756	10,670
Other	72,265	69,785	83,582
Grapes	150,050	231,115	204,552
Vegetables	403,437	402,259	509,045
All other crops—			
Nurseries	(a)	(a)	145,088
Hops	5,573	6,684	8,112
Other crops, n.e.i.	(b)137,073	(b)160,400	19,554
<i>Total crops (excl. pastures and grasses)</i>	<i>4,751,247</i>	<i>5,364,262</i>	<i>5,092,218</i>
Pastures and grasses—			
Cut for hay—			
Lucerne	48,747	50,423	66,762
Other	94,628	101,744	147,328
<i>Total cut for hay</i>	<i>143,375</i>	<i>152,167</i>	<i>214,091</i>
Harvested for seed—			
Lucerne	2,516	3,329	4,961
Clovers—			
Subterranean	5,115	9,096	8,297
Other	1,350	1,581	862
Other, n.e.i.	8,909	10,393	11,891
<i>Total harvested for seed</i>	<i>17,890</i>	<i>24,399</i>	<i>26,010</i>
<i>Total pastures and grasses</i>	<i>161,266</i>	<i>176,566</i>	<i>240,101</i>
Total crops	4,912,513	5,540,828	5,332,320

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

TABLE 5. ALL CROPS, LOCAL VALUE, 1980-81
(S' 000)

	N. S. W.	Vic.	Qld	S. A.	W. A.	Tas.	N. T.	A. C. T.	Aust.
Cereals for grain—									
Barley	49,400	51,846	22,264	143,509	63,745	2,500	—	(a)	(b)333,264
Canary seed	92	5	755	43	—	—	—	—	895
Grain sorghum	15,367	78	113,776	—	564	—	69	—	129,854
Maize	5,892	476	16,083	26	111	—	29	—	22,617
Oats	38,372	32,111	1,419	13,105	46,109	1,743	—	10	132,869
Panicum and millet	189	197	5,332	—	7	—	—	—	5,725
Rice	126,769	—	4,234	—	424	—	(a)	—	(b)131,427
Rye	117	195	—	797	138	(a)	—	—	(b)1,247
Triticale	1,936	—	406	196	51	134	—	—	2,723
Wheat	364,681	342,700	65,372	226,549	442,884	329	—	(a)	(b)1,442,515
<i>Total cereals for grain</i>	<i>602,815</i>	<i>427,608</i>	<i>229,641</i>	<i>384,226</i>	<i>554,033</i>	<i>4,706</i>	<i>99</i>	<i>10</i>	<i>2,203,138</i>
Legumes mainly for grain—									
Soy beans	5,816	28	14,669	—	52	—	—	—	20,565
Other	1,926	6,841	1,360	9,787	7,996	221	—	—	28,131
<i>Total legumes mainly for grain</i>	<i>7,742</i>	<i>6,869</i>	<i>16,029</i>	<i>9,787</i>	<i>8,047</i>	<i>221</i>	<i>—</i>	<i>—</i>	<i>48,695</i>
Crops for hay—									
Oats	8,447	6,274	637	4,521	20,476	(c)	—	21	(b)40,376
Wheat	7,375	865	273	1,303	3,702	(c)	—	(a)	(b)13,518
Other	924	274	490	513	614	356	(a)	—	(b)3,171
<i>Total crops for hay</i>	<i>16,745</i>	<i>7,413</i>	<i>1,400</i>	<i>6,337</i>	<i>24,791</i>	<i>356</i>	<i>—</i>	<i>21</i>	<i>57,063</i>
Sugar cane—									
Cut for crushing	40,530	—	754,796	—	(a)	—	—	—	(b)795,326
Cut for plants	—	—	13,272	—	—	—	—	—	13,272
Tobacco (dried leaf)	3,749	24,609	30,810	—	—	—	—	—	59,168
Cotton	105,450	—	27,096	—	—	—	—	—	132,546
Peanuts	548	—	30,607	—	—	—	78	—	(b)31,233
Linseed	323	1,136	133	387	(a)	—	—	—	1,906
Rapeseed	1,155	530	—	2,315	243	(a)	—	—	(b)4,243
Safflower	544	424	757	241	—	—	—	—	1,966
Sunflower	4,427	2,138	20,883	1,466	532	—	—	—	29,446
Fruit—									
Orchard	79,327	101,085	29,045	54,692	22,868	11,657	26	57	298,757
Berry and small	842	3,463	1,558	1,577	770	1,435	—	—	9,645
Other	25,590	2	35,461	—	3,414	—	49	—	64,516
Grapes	39,245	82,380	4,117	56,173	2,698	30	(d)	—	(b)184,643
Vegetables	78,589	136,128	99,691	55,940	35,311	33,228	297	172	439,356
All other crops—									
Nurseries	46,094	32,151	18,447	10,562	12,048	4,512	927	(a)	(b)124,743
Hops	—	3,216	—	—	—	4,091	—	—	7,307
Other crops, n.e.i.	1,198	7,882	3,921	316	555	2,657	8	793	17,330
<i>Total crops (excl. pastures and grasses)</i>	<i>1,054,912</i>	<i>837,036</i>	<i>1,317,662</i>	<i>584,017</i>	<i>665,326</i>	<i>62,893</i>	<i>1,483</i>	<i>1,053</i>	<i>4,524,382</i>
Pastures and grasses—									
Cut for hay—									
Lucerne	27,498	9,984	15,027	7,571	887	662	101	36	61,766
Other	22,988	75,738	2,175	13,571	20,320	6,898	318	21	142,029
<i>Total cut for hay</i>	<i>50,486</i>	<i>85,722</i>	<i>17,202</i>	<i>21,142</i>	<i>21,207</i>	<i>7,560</i>	<i>419</i>	<i>57</i>	<i>203,795</i>
Harvested for seed—									
Lucerne	615	119	2	3,878	97	11	—	—	4,722
Clovers—									
Subterranean	516	745	—	3,190	3,493	—	—	—	7,944
Other	230	104	—	279	222	(e)	—	—	(b)835
Other, n.e.i.	1,084	3,264	3,422	1,479	786	635	5	—	10,675
<i>Total harvested for seed</i>	<i>2,445</i>	<i>4,232</i>	<i>3,424</i>	<i>8,826</i>	<i>4,598</i>	<i>645</i>	<i>5</i>	<i>—</i>	<i>24,175</i>
<i>Total pastures and grasses</i>	<i>52,931</i>	<i>89,954</i>	<i>20,626</i>	<i>29,968</i>	<i>25,805</i>	<i>8,205</i>	<i>424</i>	<i>57</i>	<i>227,970</i>
Total crops	1,107,843	926,990	1,338,288	613,985	691,131	71,098	1,908	1,110	4,752,353

(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 6. ALL CROPS, LOCAL VALUE, AUSTRALIA
 (\$' 000)

	1978-79	1979-80	1980-81
Cereals for grain—			
Barley	275,786	394,716	333,264
Canary seed	1,137	2,203	895
Grain sorghum	79,550	80,430	129,854
Maize	13,212	16,760	22,617
Oats	86,489	89,041	132,869
Panicum and millet	4,144	2,328	5,725
Rice	92,850	88,069	131,427
Rye	1,978	1,035	1,247
Triticale	n.a.	2,908	2,723
Wheat	1,901,852	2,085,878	1,442,515
<i>Total cereals for grain</i>	<i>2,458,997</i>	<i>2,763,368</i>	<i>2,203,138</i>
Legumes mainly for grain—			
Soy beans	22,548	19,845	20,565
Other	14,840	19,165	28,131
<i>Total legumes mainly for grain</i>	<i>37,389</i>	<i>39,010</i>	<i>48,695</i>
Crops for hay—			
Oats	28,761	29,282	40,376
Wheat	5,762	6,325	13,518
Other	1,986	2,269	3,171
<i>Total crops for hay</i>	<i>36,508</i>	<i>37,876</i>	<i>57,063</i>
Sugar cane—			
Cut for crushing	393,180	544,629	795,326
Cut for plants	6,138	9,481	13,272
Tobacco (dried leaf)	52,982	56,907	59,168
Cotton	71,362	126,904	132,546
Peanuts	21,890	17,597	31,233
Linseed	2,248	2,815	1,996
Rapeseed	4,542	8,441	4,243
Safflower	9,749	5,735	1,966
Sunflower	40,158	31,763	29,446
Fruit—			
Orchard	234,187	257,766	298,757
Berry and small	8,782	10,493	9,645
Other	56,180	52,859	64,516
Grapes	140,284	204,333	184,643
Vegetables	341,616	338,410	439,356
All other crops—			
Nurseries	(a)	(a)	124,743
Hops	5,054	5,729	7,307
Other crops, n.e.i.	(c) 106,250	(b) 121,873	17,330
<i>Total crops (excl. pastures and grasses)</i>	<i>4,027,499</i>	<i>4,636,068</i>	<i>4,524,382</i>
Pastures and grasses—			
Cut for hay—			
Lucerne	44,363	46,176	61,766
Other	90,456	97,455	142,029
<i>Total cut for hay</i>	<i>134,821</i>	<i>143,631</i>	<i>203,795</i>
Harvested for seed—			
Lucerne	2,136	3,092	4,722
Clovers—			
Subterranean	4,609	8,485	7,944
Other	1,199	1,486	835
Other, n.e.i.	7,954	9,823	10,675
<i>Total harvested for seed</i>	<i>15,897</i>	<i>22,886</i>	<i>24,175</i>
<i>Total pastures and grasses</i>	<i>150,718</i>	<i>166,517</i>	<i>227,970</i>
Total crops	4,178,217	4,802,585	4,752,353

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

GROSS VALUE OF CROPS PRODUCED
1980-81 \$5,332,320,000

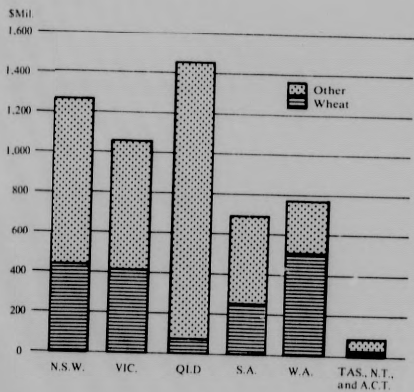
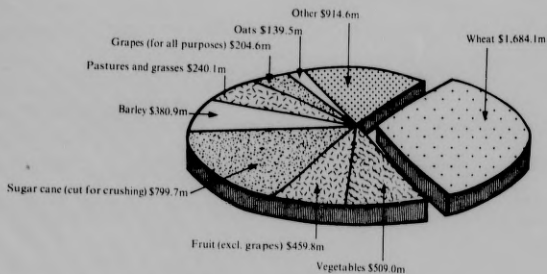


TABLE 7. AVERAGE UNIT GROSS VALUE OF PRINCIPAL CROPS(a), AUSTRALIA
 (\$)

		1978-79	1979-80	1980-81
Cereals for grain—				
Barley	tonne	83.98	121.44	142.01
Canary seed	"	166.35	278.64	363.02
Grain sorghum	"	86.57	104.19	126.24
Maize	"	92.43	130.89	150.91
Oats	"	55.84	69.98	123.59
Panicum and millet	"	154.07	179.66	223.51
Rice	"	141.75	152.93	189.99
Rye	"	84.75	125.09	165.30
Wheat	"	126.16	153.07	155.12
Soy beans	"	249.52	263.59	305.83
Crops for hay (excl. pastures and grasses)	"	43.20	47.69	70.58
Sugar cane—cut for crushing	"	18.48	25.92	33.36
Tobacco (dried leaf)	kg	3.68	3.94	4.26
Cotton	"	0.59	0.56	0.62
Peanuts	tonne	459.62	571.87	848.20
Linseed	"	197.83	216.82	290.20
Rapeseed	"	204.77	220.83	258.86
Safflower	"	190.23	201.74	267.17
Sunflower	"	245.83	256.23	246.62
Hops	kg	2.53	3.20	3.51
Fruit—				
Oranges	tonne	201.12	198.59	202.48
Lemons and limes	"	157.14	210.73	175.46
Apples	"	290.05	360.50	387.24
Pears	"	248.37	293.88	284.48
Apricots	"	435.60	527.64	551.39
Cherries	"	1,379.89	1,513.72	1,537.85
Peaches	"	317.46	335.95	324.60
Plums and prunes	"	530.75	709.51	728.53
Strawberries	"	2,510.69	2,755.57	2,733.73
Bananas	"	448.87	366.74	478.91
Pineapples	"	174.76	163.60	160.26
Grapes—				
Table	"	582.84	658.42	785.58
Wine	"	150.64	160.73	176.35
Dried vine fruits (dried weight)	"	1,167.44	1,627.77	1,695.23
Vegetables—				
Onions	"	224.42	206.40	395.23
Potatoes	"	154.37	148.41	196.37
Tomatoes	"	333.36	326.33	346.83

(a) Obtained, for each product, by dividing the total gross value of commodities by the total quantity produced. Includes subsidy and bounty payments.

TABLE 8. FRUIT, GROSS VALUE, SEASON 1980-81
(S' 000)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust.(a)
Orchard fruit (incl. nuts)—							
Citrus—							
Oranges	38,313	11,046	5,771	28,519	2,302	—	85,952
Lemons and limes	2,312	2,435	1,372	1,949	441	—	8,514
Mandarins	2,011	1,687	8,774	2,007	795	—	14,774
Other	3,182	974	1,021	1,218	173	—	6,568
<i>Total citrus</i>	<i>45,818</i>	<i>16,142</i>	<i>16,438</i>	<i>33,693</i>	<i>3,710</i>	—	<i>115,808</i>
Pome—							
Apples	29,481	31,776	10,059	12,426	18,335	16,706	118,853
Pears	1,968	32,879	809	2,938	2,101	737	41,432
Stone—							
Apricots	873	3,640	650	11,207	294	220	16,884
Cherries	4,898	3,431	4	1,256	346	101	10,016
Nectarines	781	1,007	677	568	289	3	3,325
Peaches	6,197	13,099	1,250	4,177	973	10	25,706
Plums and prunes	8,443	1,771	1,826	1,040	2,089	4	15,173
Other orchard, n.e.i.—							
Custard apples	24	—	354	—	—	—	378
Mangoes	34	—	1,811	—	69	—	1,933
Other	1,552	1,200	2,657	522	115	1	6,047
Nuts—							
Almonds	—	1,913	—	3,524	1	—	5,438
Macadamia	495	—	2,459	—	—	—	2,954
Other	1,181	270	103	42	28	—	1,624
<i>Total orchard fruit (incl. nuts)</i>	<i>101,745</i>	<i>107,128</i>	<i>39,098</i>	<i>71,392</i>	<i>28,349</i>	<i>17,782</i>	<i>365,590</i>
Berry and small fruit—							
Strawberries	870	2,559	2,076	1,636	919	256	8,316
Other	122	931	13	89	8	1,190	2,353
<i>Total berry and small fruit</i>	<i>992</i>	<i>3,490</i>	<i>2,089</i>	<i>1,725</i>	<i>928</i>	<i>1,446</i>	<i>10,670</i>
Other fruit—							
Bananas	31,050	—	24,075	—	4,380	—	59,548
Pineapples	11	—	19,742	—	—	—	19,753
Other	856	2	3,414	—	3	—	4,280
<i>Total other fruit</i>	<i>31,917</i>	<i>2</i>	<i>47,231</i>	—	<i>4,383</i>	—	<i>83,582</i>
Total fruit (excl. grapes)	134,654	110,620	88,418	73,117	33,660	19,228	459,842
Grapes—							
Fresh—							
Table	3,247	5,730	5,165	2,323	1,007	—	17,472
Wine	19,997	11,578	81	50,235	1,510	30	83,431
Dried—							
Currants	633	3,179	—	1,848	516	—	6,176
Raisins and lexias	1,637	4,642	—	335	6	—	6,620
Sultanas	17,799	70,738	—	2,307	7	—	90,851
<i>Total grapes</i>	<i>43,314</i>	<i>95,867</i>	<i>5,246</i>	<i>57,049</i>	<i>3,046</i>	<i>30</i>	<i>204,552</i>
Total fruit	177,968	206,487	93,664	130,166	36,706	19,258	664,394

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

TABLE 9. FRUIT, GROSS VALUE, AUSTRALIA
(S' 000)

	1978-79	1979-80	1980-81
Orchard fruit (incl. nuts)—			
Citrus—			
Oranges	74,125	77,866	85,952
Lemons and limes	7,579	8,314	8,514
Mandarins	13,319	8,570	14,774
Other	5,636	8,430	6,568
<i>Total citrus</i>	<i>100,660</i>	<i>103,180</i>	<i>115,808</i>
Pome—			
Apples	100,053	107,723	118,853
Pears	31,689	36,520	41,432
Stone—			
Apricots	13,525	13,905	16,884
Cherries	9,317	5,846	10,036
Nectarines	3,286	2,436	3,325
Peaches	20,564	24,028	25,706
Plums and prunes	15,338	10,622	15,173
Other orchard, n.e.i.—			
Custard apples	248	253	378
Mangoes	1,290	1,245	1,933
Other	4,265	12,033	6,047
Nuts—			
Almonds	2,377	2,885	5,438
Macadamia	1,918	2,242	2,954
Other	986	2,126	1,624
<i>Total orchard fruit (incl. nuts)</i>	<i>305,515</i>	<i>325,044</i>	<i>365,590</i>
Berry and small fruit—			
Strawberries	8,338	9,650	8,316
Other	1,566	2,106	2,353
<i>Total berry and small fruit</i>	<i>9,904</i>	<i>11,756</i>	<i>10,670</i>
Other fruit—			
Bananas	50,781	45,888	59,548
Pineapples	18,366	20,166	19,753
Other	3,118	3,730	4,280
<i>Total other fruit</i>	<i>72,265</i>	<i>69,785</i>	<i>83,582</i>
<i>Total fruit (excl. grapes)</i>	<i>387,684</i>	<i>406,585</i>	<i>459,842</i>
Grapes—			
Fresh—			
Table	13,811	15,559	17,472
Wine	70,134	80,762	83,431
Dried—			
Currants	6,017	7,403	6,176
Raisins and lexias	4,872	7,152	6,620
Sultanas	55,215	120,239	90,851
<i>Total grapes</i>	<i>150,050</i>	<i>231,115</i>	<i>204,552</i>
Total fruit	537,734	637,700	664,394

TABLE 10. FRUIT, LOCAL VALUE, SEASON 1968-61
(£ '000)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (a)
Orchard fruit (incl. nuts)—							
Citrus—							
Oranges	28,488	10,081	4,038	17,467	1,740	—	61,815
Lemons and limes	2,131	2,251	946	1,452	412	—	7,197
Mandarins	1,477	1,635	5,793	1,014	607	—	10,528
Other	2,405	895	715	824	130	—	4,969
<i>Total citrus</i>	<i>34,501</i>	<i>14,862</i>	<i>11,492</i>	<i>20,756</i>	<i>2,890</i>	<i>—</i>	<i>84,508</i>
Pome—							
Apples	23,725	30,387	7,143	11,411	14,799	10,821	98,343
Pears	1,592	30,688	546	2,503	1,709	515	37,553
Stone—							
Apricots	842	3,485	530	9,712	228	208	15,005
Cherries	4,139	3,391	4	1,174	295	96	9,099
Nectarines	639	985	488	503	220	3	2,838
Peaches	5,565	12,347	951	3,854	701	10	23,428
Plums and prunes	5,267	1,713	1,490	785	1,849	3	11,107
Other orchard, n.e.i.—							
Custard apples	20	—	285	—	—	—	305
Mangoes	29	—	1,370	—	55	—	1,473
Other	1,331	1,055	2,183	456	92	1	5,118
Nuts—							
Almonds	—	1,905	—	3,498	1	—	5,404
Macadamia	495	—	2,459	—	—	—	2,954
Other	1,181	267	103	40	28	—	1,619
<i>Total orchard fruit (incl. nuts)</i>	<i>79,327</i>	<i>101,085</i>	<i>29,045</i>	<i>54,692</i>	<i>22,868</i>	<i>11,657</i>	<i>298,757</i>
Berry and small fruit—							
Strawberries	750	2,541	1,546	1,495	763	252	7,347
Other	91	922	12	83	7	1,183	2,298
<i>Total berry and small fruit</i>	<i>842</i>	<i>3,463</i>	<i>1,558</i>	<i>1,577</i>	<i>770</i>	<i>1,435</i>	<i>9,645</i>
Other fruit—							
Bananas	24,929	—	16,187	—	3,412	—	44,571
Pineapples	8	—	16,730	—	—	—	16,738
Other	652	2	2,545	—	3	—	3,207
<i>Total other fruit</i>	<i>25,590</i>	<i>2</i>	<i>35,461</i>	<i>—</i>	<i>3,414</i>	<i>—</i>	<i>64,516</i>
Total fruit (excl. grapes)	105,758	104,550	66,064	56,269	27,052	13,092	372,917
Grapes—							
Fresh—							
Table	2,553	5,577	4,036	2,075	659	—	14,900
Wine	19,997	11,578	81	50,235	1,510	30	83,431
Dried—							
Currents	530	2,662	—	1,590	516	—	5,298
Raisins and lexias	1,475	4,182	—	294	6	—	5,957
Sultanas	14,690	58,381	—	1,980	7	—	75,058
<i>Total grapes</i>	<i>39,245</i>	<i>82,380</i>	<i>4,117</i>	<i>56,173</i>	<i>2,698</i>	<i>30</i>	<i>184,643</i>
Total fruit	145,003	186,930	70,181	112,442	29,750	13,122	557,560

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

TABLE II. FRUIT, LOCAL VALUE, AUSTRALIA
(\$' 000)

	1978-79	1979-80	1980-81
Orchard fruit (incl. nuts)—			
Citrus—			
Oranges	50,531	53,961	61,815
Lemons and limes	6,035	6,624	7,197
Mandarins	9,534	6,117	10,526
Other	4,114	6,055	4,969
<i>Total citrus</i>	<i>70,214</i>	<i>72,757</i>	<i>84,508</i>
Pome—			
Apples	77,191	87,654	98,343
Pears	27,298	31,482	37,553
Stone—			
Apricots	11,594	12,255	15,005
Cherries	8,118	5,144	9,999
Nectarines	2,775	2,030	2,838
Peaches	17,499	20,896	23,428
Plums and prunes	9,430	7,204	11,107
Other orchard, n.e.i.—			
Custard apples	201	205	305
Mangoes	1,033	904	1,473
Other	3,666	10,196	5,118
Nuts—			
Almonds	2,312	2,718	5,404
Macadamia	1,918	2,242	2,954
Other	938	2,079	1,619
<i>Total orchard fruit (incl. nuts)</i>	<i>234,187</i>	<i>257,766</i>	<i>298,757</i>
Berry and small fruit—			
Strawberries	7,275	8,461	7,347
Other	1,508	2,032	2,298
<i>Total berry and small fruit</i>	<i>8,782</i>	<i>10,493</i>	<i>9,645</i>
Other fruit—			
Bananas	37,421	32,402	44,571
Pineapples	16,263	17,571	16,738
Other	2,498	2,886	3,207
<i>Total other fruit</i>	<i>56,180</i>	<i>52,859</i>	<i>64,516</i>
Total fruit (excl. grapes)	299,150	321,118	372,917
Grapes—			
Fresh—			
Table	11,125	12,521	14,900
Wine	69,940	80,760	83,431
Dried—			
Currants	5,200	6,272	5,298
Raisins and lexias	4,072	5,793	5,957
Sultanas	49,947	98,987	75,058
<i>Total grapes</i>	<i>140,284</i>	<i>204,333</i>	<i>184,643</i>
Total fruit	439,433	525,451	557,560

TABLE 12. VEGETABLES FOR HUMAN CONSUMPTION, GROSS VALUE, 1980-81
 (\$' 000)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (a)
Cabbages and brussels sprouts	2,313	5,182	2,960	1,782	1,015	289	13,541
Carrots	4,245	9,753	3,989	3,927	2,084	2,261	26,259
Lettuce	6,485	8,413	4,196	2,594	2,022	441	24,151
Onions, white and brown	12,875	7,309	8,355	9,369	3,265	4,182	45,355
Potatoes	19,534	66,727	27,588	22,373	16,616	17,186	170,024
Tomatoes	9,278	13,911	37,473	10,608	3,331	574	75,205
Other vegetables	38,042	36,949	42,720	14,263	12,289	9,767	154,510
Total vegetables for human consumption	92,770	148,244	127,282	64,917	46,622	34,700	509,845

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

TABLE 13. VEGETABLES FOR HUMAN CONSUMPTION, GROSS VALUE, AUSTRALIA
 (\$' 000)

	1978-79	1979-80	1980-81
Cabbages and brussels sprouts	20,627	14,025	13,541
Carrots	23,502	22,022	26,259
Lettuce	16,815	19,799	24,151
Onions, white and brown	23,616	24,755	45,355
Potatoes	122,671	127,247	170,024
Tomatoes	57,550	64,261	75,205
Other vegetables	138,656	130,151	154,510
Total vegetables for human consumption	403,437	402,259	509,845

TABLE 14. VEGETABLES FOR HUMAN CONSUMPTION, LOCAL VALUE, 1980-81
 (\$' 000)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (a)
Cabbages and brussels sprouts	1,878	4,536	2,447	1,690	794	269	11,614
Carrots	3,070	9,173	3,247	3,688	1,694	2,231	23,103
Lettuce	5,094	7,955	3,304	2,462	1,659	436	20,910
Onions, white and brown	10,867	7,036	6,498	8,764	2,868	3,719	39,752
Potatoes	15,950	60,446	22,059	16,601	14,666	16,358	146,080
Tomatoes	8,303	12,079	28,133	9,427	2,811	555	61,338
Other vegetables	33,428	34,903	34,003	13,308	10,820	9,660	136,561
Total vegetables for human consumption	78,589	136,128	99,691	55,940	35,311	33,228	439,356

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

TABLE 15. VEGETABLES FOR HUMAN CONSUMPTION, LOCAL VALUE, AUSTRALIA
 (\$' 000)

	1978-79	1979-80	1980-81
Cabbages and brussels sprouts	17,776	12,158	11,614
Carrots	20,409	18,602	23,103
Lettuce	14,093	16,528	20,910
Onions, white and brown	20,214	20,783	39,752
Potatoes	101,533	107,458	146,080
Tomatoes	47,375	52,655	61,338
Other vegetables	120,218	110,226	136,561
Total vegetables for human consumption	341,616	338,410	439,356

III. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS

TABLE 16. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS(a), GROSS VALUE, 1980-81
(\$' 000)

	N.S.W.(b)	Vic.(b)	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Cattle and calves	568,338	485,372	587,133	125,836	174,644	56,599	56,852	1,678	2,056,452
Sheep and lambs	170,555	227,051	12,181	103,014	182,111	23,451	n.a.	580	(c)718,943
Pigs	89,345	92,651	68,680	42,548	35,843	7,928	523	—	337,518
Poultry	(d)176,971	67,705	43,726	35,497	30,244	5,926	1,314	(e)	361,383
Total	1,005,209	872,779	711,720	306,896	422,842	93,904	58,690	2,257	3,474,297

(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 1980-81. 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
(\$' 000)

	1978-79	1979-80	1980-81
Cattle and calves	2,154,644	2,386,000	2,056,452
Sheep and lambs	445,108	654,276	718,943
Pigs	253,826	311,305	337,518
Poultry	244,154	307,221	361,383
Total	3,097,729	3,658,802	3,474,297

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

TABLE 18. LIVESTOCK SLAUGHTERINGS AND OTHER DISPOSALS(a), LOCAL VALUE, 1980-81
(\$' 000)

	N.S.W.(b)	Vic.(b)	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Cattle and calves	529,302	452,152	540,280	117,083	164,217	49,199	51,951	1,566	1,905,750
Sheep and lambs	150,934	200,967	10,682	95,385	169,883	20,239	n.a.	529	(c)648,619
Pigs	82,068	86,034	64,156	40,198	33,626	6,878	523	—	313,483
Poultry	(d)176,922	67,705	43,726	33,152	30,244	5,926	1,314	(e)	358,989
Total	939,226	806,858	658,843	285,818	397,971	82,242	53,788	2,095	3,226,841

(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 1980-81. 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
(\$' 000)

	1978-79	1979-80	1980-81
Cattle and calves	1,975,785	2,220,336	1,905,750
Sheep and lambs	398,785	596,690	648,619
Pigs	236,200	288,772	313,483
Poultry	238,164	305,420	358,989
Total	2,848,935	3,411,218	3,226,841

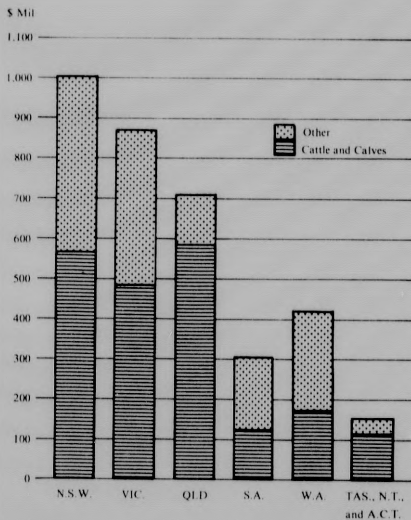
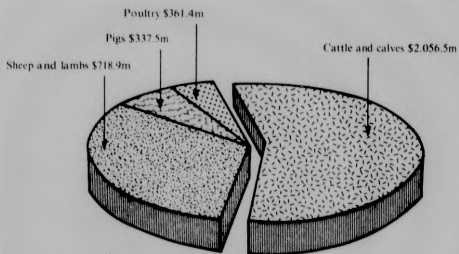
(a) Includes adjustment for net exports overseas of live animals.

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

	1977-78	1978-79	1979-80	
Cattle and calves	per animal	193.86	267.06	240.48
Sheep and lambs	"	13.36	15.65	16.71
Pigs	"	71.97	81.17	79.46
Poultry	"	1.19	1.30	1.54

(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
1980-81 \$3,474,297,000



IV. LIVESTOCK PRODUCTS

TABLE 21. LIVESTOCK PRODUCTS, GROSS VALUE, 1980-81
(S' 000)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Wool—									
Shorn	477,406	299,640	113,277	237,357	399,806	49,257	n.a.	(a)	(b)1,576,743
Other(c)	32,584	34,716	3,693	8,469	10,809	1,509	n.a.	(a)	(b)91,780
Total wool	509,990	334,356	116,970	245,826	410,615	50,767	n.a.	1,010	1,669,534
Liquid whole milk used for—									
Manufacturing	36,000	334,000	36,000	23,000	19,098	34,581	—	—	482,679
Human consumption	151,581	121,713	60,401	25,953	33,594	9,219	(d)	(c)	(b)402,461
Total whole milk production	187,581	455,713	96,401	48,953	52,692	43,800	—	(e)	(b)885,140
Eggs	98,677	46,313	32,237	23,080	20,409	4,947	1,757	(e)	(b)227,420
Honey	4,516	4,428	1,781	2,938	1,474	665	—	13	15,815
Beeswax	396	346	189	256	(f)302	40	—	1	1,530
Total livestock products	801,160	841,156	247,578	321,053	485,492	100,219	1,757	5,429	(g)2,803,844

(a) Not available for separate publication; included in 'Total wool'. (b) Incomplete; see individual States. (c) Includes dead and fellingmored 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
(S' 000)

	1978-79	1979-80	1980-81
Wool—			
Shorn	1,277,087	1,508,135	1,576,743
Other(a)	97,374	142,184	91,780
Total wool	1,374,460	(b)1,651,435	(b)1,669,534
Liquid whole milk used for—			
Manufacturing	296,056	308,959	482,679
Human consumption	331,677	367,021	402,461
Total whole milk production	627,732	675,979	885,140
Eggs	196,945	216,089	227,420
Honey	14,111	19,050	15,815
Beeswax	1,213	1,719	1,530
Total livestock products	2,214,463	2,564,273	(c)2,803,844

(a) Includes dead and fellingmored 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, 1979-80
 (\$' 000)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Wool—									
Shorn	449,834	273,905	106,790	225,080	383,631	45,434	n.a.	(a)	(b) 1,484,674
Other(c)	32,584	33,433	3,693	7,682	10,803	1,509	n.a.	(a)	(b) 89,704
Total wool	482,418	307,338	110,483	232,762	394,435	46,943	n.a.	950	1,575,329
Liquid whole milk used for—									
Manufacturing	36,000	334,000	33,410	23,000	17,711	34,581	—	—	478,702
Human consumption	133,783	96,023	57,831	25,953	29,298	8,649	(d)	(e)	(b) 351,537
Total whole milk production	169,783	430,023	91,241	48,953	47,009	43,230	-	(e)	(b) 830,239
Eggs	88,316	37,324	26,462	18,111	14,802	4,291	1,757	(e)	(b) 191,063
Honey	4,516	3,918	1,685	2,770	1,474	603	—	13	14,979
Beeswax	396	283	189	253	(f) 302	37	—	1	1,461
Total livestock products	745,429	778,886	230,061	302,848	458,021	95,164	1,757	4,970	(g) 2,617,076

(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
 (\$' 000)

	1978-79	1979-80	1980-81
Wool—			
Shorn	1,190,511	1,408,672	1,484,674
Other(a)	95,399	138,990	89,704
Total wool	1,285,909	(b) 1,548,724	(b) 1,575,329
Liquid whole milk used for—			
Manufacturing	275,379	286,981	478,702
Human consumption	293,029	319,850	351,537
Total whole milk production	568,406	606,831	830,239
Eggs	160,727	187,849	191,063
Honey	12,800	18,088	14,979
Beeswax	1,166	1,646	1,461
Total livestock products	2,029,010	2,363,136	(c) 2,617,076

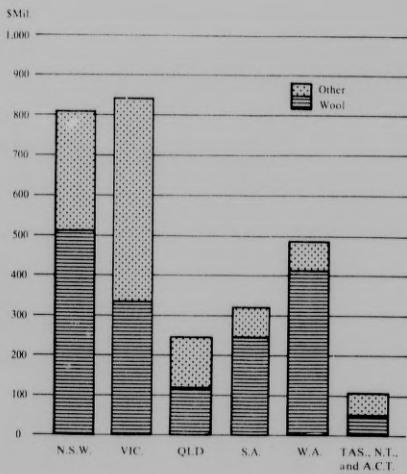
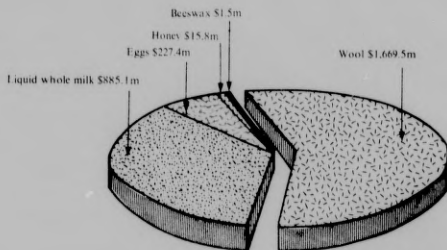
(a) Includes dead and fellmongered wool and wool exported on skins. (b) Includes A.C.T. wool. (c) Includes Australian Capital Territory milk and eggs.

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

		1978-79	1979-80	1980-81
Wool	per kg	1.95	2.34	2.38
Liquid whole milk used for—				
Manufacturing	per litre	0.07	0.08	0.13
Human consumption	"	0.21	0.24	0.26
Total whole milk production	"	0.11	0.12	0.17
Eggs	per doz	0.84	0.93	1.02
Honey	per kg	0.78	0.76	0.80

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

GROSS VALUE OF LIVESTOCK PRODUCTS
1980-81 \$2,803,844,000



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 (as reported in the Agricultural

Census; see page 1, paragraph 2 and paragraph 4 below) reported 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 sub-division 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 slaughtering, number disposed of or sold was used; and for milk and eggs, numbers of milk cattle and numbers of egg strain poultry respectively were used in lieu of production data.

Limitations

5. As the data in Table 26 are derived according to various assumptions (see paragraph 4 above) they should be treated as indicators only of the gross value of production for those commodities listed, classified by the industry of the producing establishments.

TABLE 26. GROSS VALUE OF SELECTED AGRICULTURAL COMMODITIES PRODUCED CLASSIFIED BY INDUSTRY OF PRODUCING ESTABLISHMENT, AUSTRALIA, 1980-81
(\$'000)

	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	800	381	1,714	120,705	211,396	12,608	4,342	11,732	2,323	3,847	6,094	1,600	3,352	380,894
Oats for grain	98	167	404	17,306	76,489	4,170	11,588	23,010	2,245	1,171	544	641	1,619	139,452
Wheat for grain	1,516	1,347	3,200	744,183	799,420	75,109	7,241	14,651	5,389	5,389	6,399	6,063	14,146	1,684,053
Cotton	—	—	59	3,797	—	206	—	633	736	—	74	141,184	500	147,189
Sugar cane cut for crushing	320	640	1,360	1,120	—	—	—	—	1,360	400	160	791,667	2,717	799,744
Fruit—														
Citrus	1,193	106,254	2,281	973	174	—	58	706	660	290	197	614	2,408	115,808
Pome	305	150,315	1,731	64	48	144	449	1,972	1,843	353	144	481	2,436	160,285
Stone and other	1,060	147,326	5,507	990	243	226	382	1,407	2,762	625	347	7,922	4,937	173,734
Nuts	29	8,785	271	104	36	10	3	91	215	88	38	168	178	10,016
Grapes	389	193,793	1,330	1,882	143	—	205	1,186	716	716	164	430	3,598	204,552
Vegetables—														
Carrots	16	378	23,736	294	—	3	3	29	29	32	3	160	1,576	26,259
Onions	753	408	40,801	853	14	5	—	513	95	467	104	100	1,242	45,355
Potatoes	204	1,207	149,026	952	34	34	629	3,622	2,992	6,053	153	1,343	3,775	170,024
Tomatoes	421	3,580	64,090	2,219	15	—	526	60	1,023	1,113	53	850	1,255	75,205
Livestock slaughtering and other disposals—														
Cattle and calves	2,673	9,048	20,153	54,496	84,931	151,561	363,786	91,101	1,015,887	170,274	13,367	26,323	52,852	2,056,452
Sheep and lambs	503	1,294	5,104	40,980	260,257	5,895	142,710	223,088	9,202	5,248	3,091	2,804	18,767	718,943
Pigs	2,531	1,114	540	34,764	29,027	2,835	1,283	9,552	8,573	15,222	222,897	1,620	7,560	337,518
Poultry	343,278	2,963	325	398	325	—	36	289	723	650	542	325	11,529	361,383
Livestock products—														
Wool	1,002	2,337	4,007	88,485	614,889	9,683	332,404	566,640	15,360	6,344	5,009	4,675	18,699	1,669,534
Milk	1,151	1,593	8,232	5,665	1,062	89	531	4,249	6,816	830,527	8,763	3,009	13,453	885,140
Eggs	214,980	364	114	3,775	1,569	45	23	523	205	250	750	68	4,754	227,420

TABLE 27. GROSS VALUE OF AGRICULTURAL COMMODITIES PRODUCED AND OUTPUT, AUSTRALIA
($\$$ '000)

	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81
Crops—												
Barley for grain	65,982	110,789	124,177	90,876	190,482	256,864	313,862	294,800	204,970	339,089	449,754	380,894
Oats for grain	33,351	54,283	37,391	31,540	66,801	59,619	77,773	74,417	69,092	100,456	98,753	139,452
Wheat for grain	531,127	403,550	462,555	356,572	1,311,934	1,256,443	1,249,222	1,051,515	934,881	2,295,836	2,477,973	1,684,053
Other cereal grains	54,206	86,130	76,174	95,977	145,830	128,325	157,305	163,254	145,461	222,259	218,885	327,561
Sugar cane cut for crushing	148,054	173,300	207,388	230,208	218,875	490,696	435,551	472,197	420,547	396,483	548,245	799,744
Fruit and nuts	193,000	199,489	186,181	223,419	217,258	266,541	269,437	290,268	323,951	387,684	406,585	459,842
Grapes	58,712	45,815	65,306	64,871	83,205	101,391	102,265	128,509	141,622	150,500	231,115	204,552
Vegetables	138,325	167,185	158,379	181,420	239,685	256,239	274,273	295,052	324,448	403,437	402,259	509,045
All other crops(a)	231,028	250,277	279,087	307,553	384,672	387,659	368,554	419,697	481,981	617,219	707,259	827,176
Total crops	1,453,785	1,490,818	1,597,638	1,582,436	2,858,742	3,203,767	3,248,242	3,189,709	3,046,953	4,912,513	5,540,828	5,332,320
Livestock slaughterings and other disposals (b)—												
Cattle and calves(c)	627,458	642,337	717,598	1,021,703	1,069,123	523,397	706,321	1,010,815	1,176,913	2,154,644	2,386,000	2,056,452
Sheep and lambs	214,378	178,431	215,747	306,109	321,400	178,266	203,858	299,049	344,840	445,108	654,276	718,943
Pigs	96,066	104,992	111,199	123,730	172,958	177,741	183,345	197,442	212,681	253,826	311,305	337,518
Poultry	69,761	84,167	89,840	90,621	132,476	139,808	152,870	178,434	219,958	244,154	307,221	361,383
Total livestock slaughterings and other disposals	1,007,663	1,009,928	1,134,383	1,542,166	1,695,956	1,019,213	1,246,393	1,685,739	1,954,393	3,097,729	3,658,802	3,474,297
Livestock products—												
Wool	735,233	537,504	660,456	1,242,630	1,229,296	952,724	999,640	1,172,526	1,206,279	1,374,460	1,651,435	1,669,534
Milk	413,939	425,640	457,853	464,087	467,646	520,853	492,035	520,888	553,329	627,732	675,979	885,140
Eggs	114,638	111,155	110,874	117,359	147,788	169,673	175,314	178,592	196,254	196,945	216,089	227,420
Total livestock products(d)	1,263,634	1,078,998	1,235,641	1,832,301	1,857,024	1,653,056	1,678,073	1,881,187	1,970,440	2,214,463	2,564,273	(e) 2,803,844
Total value of agricultural commodities produced	3,730,082	3,579,744	3,967,662	4,957,103	6,411,722	5,876,036	6,172,708	6,756,635	6,971,786	10,224,705	11,763,903	11,610,461
Deduct value of seed and fodder consumed or retained on farms(a)	256,006	292,307	256,105	343,146	475,857	473,880	462,341	457,226	422,132	513,211	638,649	829,227
Total value of agricultural commodities output	3,474,076	3,287,437	3,711,557	4,613,957	5,935,865	5,402,156	5,710,367	6,299,409	6,549,654	9,711,494	11,125,254	10,781,234

(a) Includes pastures and grasses. Excludes crops for green feed or silage. (b) Includes net exports of livestock. (c) Includes dairy cattle slaughtered and eggs. (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 3 years ended 1975-76 and are published with a reference period 1974-75 = 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 the weighting base period. 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 3 years ended 1975-76.

TABLE 28. INDEXES OF VALUES AT CONSTANT PRICES OF AGRICULTURAL COMMODITIES PRODUCED AND OUTPUT(a)
(1974-75 = 1000)

	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81
Crops—												
Barley for grain	675	935	1219	687	953	1000	1264	1132	948	1593	1472	1066
Oats for grain	1427	1846	1459	842	1267	1000	1305	1227	1133	2017	1614	1291
Wheat for grain	934	692	756	568	1058	1000	1060	1047	828	1610	1431	951
Other cereal grains	739	1262	1155	1016	1114	1000	1185	1181	988	1461	1209	1492
Sugar cane(b)	785	884	978	981	892	1000	1017	1165	1171	1013	1029	1155
Fruit and nuts	1065	1130	1036	1121	965	1000	904	892	836	1001	988	1051
Grapes	1107	833	1162	835	752	1000	987	1002	993	992	1201	1029
Vegetables	951	1004	1074	967	840	1000	948	1051	1097	1188	1202	1215
All other crops(c)	925	1002	1181	926	1083	1000	869	874	911	1223	1183	1177
<i>Total</i>	913	886	963	777	1014	1000	1046	1036	928	1372	1276	1072
Livestock slaughtering and other disposals—												
Cattle and calves(d)	653	677	755	938	854	1000	1192	1288	1415	1305	1011	947
Sheep and lambs	1263	1404	1566	1224	871	1000	1083	1107	1116	1075	1294	1337
Pigs	995	1038	1111	1349	1205	1000	993	1057	1137	1134	1254	1337
Poultry	654	800	862	849	1021	1000	1078	1152	1297	1431	1652	1599
<i>Total(e)</i>	809	870	961	1034	920	1000	1134	1211	1312	1254	1162	1138
Livestock products—												
Wool	1167	1122	1111	927	883	1000	951	886	853	887	889	883
Milk	1123	1099	1077	1071	1036	1000	965	925	893	926	909	890
Eggs	989	1094	1066	1036	984	1000	989	898	949	922	907	869
<i>Total(f)</i>	1138	1112	1097	975	935	1000	959	897	873	901	898	884
Total agricultural commodities produced	956	948	1002	889	971	1000	1039	1032	993	1210	1142	1031
less Seed and fodder consumed or retained on farms	1024	1161	1089	1053	1176	1000	940	889	769	1024	1045	1071
Agricultural output	951	931	995	876	955	1000	1047	1044	1011	1225	1150	1028

(a) Indexes of values at constant prices (weighted by average unit values of the 3 years ended 1975-76). (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.