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INDEXES OF PRICE AND QUANTUM OF FARM PRODUCTION
AUSTRALIA

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I. VALUE OF PRODUCTION1. Definition of Terms Used.

The value of production is computed in accordance with the decisions reached at Conferences of Australian Statisticians, principally at the Conferences held in 1935. The figures published are compiled by State Statisticians from the best data available on a substantially uniform basis. The following is a brief definition of the terms used:-

(i) Gross value of production is the value placed on recorded production at the wholesale prices realized in the principal markets. (In cases where primary products are consumed locally, or where they become raw material for a secondary industry, these points are presumed to be the principal markets).

(ii) Marketing costs include freight, cost of containers, commission and other charges incurred in marketing.

(iii) Local value of production (i.e. gross production valued at the place of production) is ascertained by deducting marketing costs from the gross value of production.

(iv) Value of materials used in process of production include power, power kerosene, petrol and other oils (except in New South Wales and Tasmania), seed used, fodder consumed by farm stock, manures, dips and sprays and other selected costs of a similar nature. No allowance for power, power kerosene, petrol and other oils has been made in New South Wales since 1940-41 or in Tasmania since 1941-42.

(v) Net value of production is ascertained by deducting the value of materials used in process of production from the local value of production. No deductions have been made for depreciation or certain maintenance charges as particulars are not available for all States.

Gross and local values of primary production involve some duplication, as they include the products of certain primary industries which are consumed as raw materials by other industries in the group (e.g. hay consumed by livestock). Furthermore, many of the materials consumed by primary industries are the products of secondary industry. However, duplication has been eliminated in calculating net value of primary production by deducting the value of both primary and secondary products consumed by primary industries. Therefore net value of production is the appropriate measure to use when comparing or combining values for primary industries with those for secondary industries.

(vi) Unit values are calculated for principal rural products by dividing the total quantity produced into the total gross value of production for each product. They, therefore, represent weighted average "prices" in all markets (including the farm itself, where quantities are retained for farm use) for the product.

2. Explanatory Note on Inter-year Comparisons

The comparisons made in this Bulletin between 1956-57 and earlier years are not strictly valid since, for all industries other than Mining and Quarrying, the Northern Territory and the Australian Capital Territory are included since 1954-55 but not in earlier years. However, the influence of the two Territories in most cases is small - the Pastoral industry is the one chiefly affected - and the different basis between years has been ignored.

In the case of Mining and Quarrying, details have been included for the Northern Territory since 1952-53 and for the Australian Capital Territory since 1953-54.

3. Gross, Local and Net Values of Production, Primary Industries and Factories

Gross Value of Production for all Primary Industries in 1956-57 was £1,525,685,000 compared with £1,391,550,000 in 1955-56 an increase of £134,135,000 (9.6 per cent). Gross value of pastoral production increased by £160,694,000 (31.0 per cent) to £673,771,000 and mining and quarrying by £11,544,000 (7.0 per cent) to £176,415,000. Agriculture decreased by £33,257,000 (8.6 per cent) to £351,680,000, farmyard and dairying by £1,341,000 (3.0 per cent) to £246,379,000. Increases were recorded for Trapping, Forestry and Fishing and Whaling.

All States except Western Australia and Tasmania recorded increases in gross value of Primary Industries in 1956-57 compared with the previous year. The following increases were recorded:- New South Wales, 12.0 per cent; Victoria, 6.4 per cent; Queensland, 13.4 per cent; and South Australia, 20.2 per cent. Decreases were:- Western Australia, 1.4 per cent. and Tasmania, 6.4 per cent.

Net Value of Production for all Primary Industries after deducting Marketing costs and the value of Materials used in the process of production (other than depreciation and maintenance) amounting to £121,641,000 and £171,974,000 respectively was £1,232,073,000 in 1956-57. Together with the value of Factory Production (£1,622,415,000 this made a total of £2,854,488,000 for Primary Industries and Factories combined. The net value per head of population of Primary Industries and Factories combined was £299 in 1956-57 compared with £230 in 1955-56.

The generally high levels of value of primary production reached in post-war years are largely attributable to higher prices in home and overseas markets. Since 1952-53 however, some prices have fallen somewhat. The net result of this fall in prices coupled with a fairly steady quantum of production in each of the two years 1953-54 and 1954-55 was a slight fall in value of farm production. In 1955-56 the further slight fall in prices was more than offset by the rise of 6 per cent. in the quantum of farm production, while in 1956-57 the gross value of primary production rose by 10 per cent. due mainly to increased prices.

The extent of these movements is indicated by the index numbers of price and quantum of farm production which are dealt with in Part II of this Bulletin.

The following tables show details of gross, local and net values of production for Primary Industries by States for 1956-57 and comparative details of gross and net values for Australia for the years 1952-53 to 1956-57.

TABLE 1. GROSS, LOCAL AND NET VALUES OF PRODUCTION (a). PRIMARY INDUSTRIES, 1956-57 (£'000)

State	Gross Value of Production	Marketing Costs	Local Value of Production	Materials Used in process of Production (b)	Net Value of Production (c)
AGRICULTURE					
New South Wales	67,455	13,643	53,812	5,387	48,425
Victoria	86,141	13,194	72,947	9,145	63,802
Queensland	80,546	8,437	72,059	12,289	59,770
South Australia	64,997	9,446	55,551	5,863	49,688
Western Australia	40,085	5,461	34,624	9,984	24,640
Tasmania	12,244	2,144	10,100	2,122	7,978
Northern Territory	58	-	58	-	58
Aust. Cap. Territory	154	3	151	3	143
TOTAL:	351,680	52,378	299,302	44,798	254,504
PASTORAL (a)					
New South Wales	258,180	15,934	242,246	10,572	231,674
Victoria	149,880	11,918	137,962	3,079	129,883
Queensland	127,570	8,649	118,921	5,373	113,548
South Australia	69,059	3,354	65,205	3,112	62,093
Western Australia	56,442	3,139	53,303	5,960	47,343
Tasmania	13,849	716	13,133	2,467	10,666
Northern Territory	2,822	484	2,338	-	2,338
Aust. Cap. Territory	975	69	906	59	847
TOTAL:	678,777	44,763	634,014	35,622	598,392
FARMYARD AND DAIRY					
New South Wales	81,901	11,458	70,443	12,591	57,852
Victoria	87,794	4,248	83,546	22,601	60,945
Queensland	35,445	1,518	33,927	8,091	25,836
South Australia	18,627	697	17,930	3,434	14,496
Western Australia	11,620	719	10,901	6,291	4,610
Tasmania	10,490	636	9,854	2,063	7,791
Northern Territory	81	4	77	10	67
Aust. Cap. Territory	421	21	400	130	270
TOTAL:	246,379	19,301	227,078	55,211	171,867
TOTAL RURAL INDUSTRIES					
New South Wales	407,536	41,035	366,501	28,550	337,951
Victoria	323,815	29,360	294,455	39,325	255,130
Queensland	243,561	18,654	224,907	25,753	199,154
South Australia	152,683	13,997	138,686	12,409	126,277
Western Australia	108,147	9,319	98,828	22,235	76,593
Tasmania	36,583	3,496	33,087	6,552	26,435
Northern Territory	2,961	488	2,473	10	2,463
Aust. Cap. Territory	1,550	93	1,457	197	1,260
TOTAL:	1,276,836	116,442	1,160,394	135,631	1,024,763
TRAPPING					
New South Wales	1,873	271	1,602	(e)	1,602
Victoria	3,588	255	3,333	(e)	3,333
Queensland	193	12	181	(e)	181
South Australia	743	105	638	(e)	638
Western Australia	139	28	111	(e)	111
Tasmania	156	12	144	(e)	144
Northern Territory	5	1	4	(e)	4
Aust. Cap. Territory	-	-	-	-	-
TOTAL:	6,697	684	6,013	(e)	6,013

TABLE 1. GROSS, LOCAL AND NET VALUES OF PRODUCTION (a) PRIMARY INDUSTRIES, 1956-57
(continued)
(£'000)

State	Gross Value of Production	Marketing Costs	Local Value of Production	Materials Used in process of Production (b)	Net Value of Production (c)
FORESTRY					
New South Wales	17,261	503	16,758	(e)	16,758
Victoria	12,687	837	11,850	(e)	11,850
Queensland	9,450	945	8,505	(e)	8,505
South Australia	4,173	122	4,051	(e)	4,051
Western Australia	5,153	374	4,779	(e)	4,779
Tasmania	5,198	675	4,523	(e)	4,523
Northern Territory	40	(e)	40	(e)	40
Aust. Cap. Territory	175	11	164	(e)	164
TOTAL:	54,137	3,467	50,670	(e)	50,670
FISHING AND WHALING					
New South Wales	3,376	437	2,939	(e)	2,939
Victoria	1,381	203	1,178	(e)	1,178
Queensland	1,769	202	1,567	(e)	1,567
South Australia	1,456	161	1,295	(e)	1,295
Western Australia	2,782	45	2,737	(e)	2,737
Tasmania	609	(e)	609	(e)	609
Northern Territory	230	(e)	230	(e)	230
Aust. Cap. Territory	-	-	-	-	-
TOTAL:	11,603	1,048	10,555	(e)	10,555
MINING AND QUARRYING					
	(f)				
New South Wales	88,885	(e)	88,885	16,742	72,143
Victoria	11,891	(e)	11,891	2,434	9,457
Queensland	30,204	(e)	30,204	6,056	24,148
South Australia	11,910	(e)	11,910	2,423	9,487
Western Australia	20,230	(e)	20,230	5,880	14,350
Tasmania	10,555	(e)	10,555	2,257	8,298
Northern Territory	2,594	(e)	2,594	510	2,084
Aust. Cap. Territory	146	(e)	146	41	105
TOTAL:	176,415	(e)	176,415	36,343	140,072
TOTAL ALL PRIMARY INDUSTRIES					
	(g)	(h)		(i)	(j)
New South Wales	518,931	42,246	476,685	45,292	431,393
Victoria	353,362	30,655	322,707	42,259	280,448
Queensland	285,177	19,813	265,364	31,809	233,555
South Australia	170,965	14,385	156,580	14,832	141,748
Western Australia	136,451	9,766	126,685	28,115	98,570
Tasmania	53,101	4,183	48,918	8,909	40,009
Northern Territory	5,830	489	5,341	520	4,821
Aust. Cap. Territory	1,871	104	1,767	238	1,529
TOTAL:	1,525,688	121,641	1,404,047	171,974	1,232,073

- (a) Includes amounts paid as bounty, relief, etc.
 (b) Includes Power, Power Kerosene, Petrol and Other Oils except in New South Wales and Tasmania where they are included in Mining and Quarrying only.
 (c) No deductions have been made for depreciation and maintenance.
 (d) Excludes distribution of profits from the war-time wool disposals plan.
 (e) Not available.
 (f) Gross value at place of production.
 (g) Includes local value of production for Mining and Quarrying.
 (h) Excludes marketing costs for Mining and Quarrying.
 (i) Excludes materials used in process of production for Trapping, Forestry, and Fishing and Whaling.
 (j) Includes local value of production for Trapping, Forestry, and Fishing and Whaling.

TABLE 2 : GROSS AND NET VALUES OF PRODUCTION, PRIMARY INDUSTRIES, AUSTRALIA (a)
(£'000)

Industry	1952-53	1953-54	1954-55	1955-56	1956-57
GROSS VALUE					
Agriculture (b)	382,959	371,962	339,635	384,937	351,680
Pastoral (c)	557,495	557,653	529,368	518,083	678,777
Farmyard and Dairy	224,926	230,105	235,012	253,920	246,379
Total Rural	1,165,380	1,159,720	1,104,015	1,156,940	1,276,836
Trapping	6,284	5,763	5,613	6,693	6,697
Forestry	43,306	45,055	47,016	53,268	54,137
Fishing and Whaling	7,911	8,865	9,745	9,788	11,603
Mining and Quarrying	136,844	134,542	149,403	164,871	176,415
Total Non-Rural	194,345	194,225	211,777	234,620	248,852
Total Primary	1,359,725	1,353,945	1,315,792	1,391,560	1,525,688
NET VALUE					
Agriculture	276,398	268,460	243,919	279,455	254,504
Pastoral	493,745	491,716	461,464	446,780	598,392
Farmyard and Dairy	172,024	173,164	166,983	187,179	171,867
Total Rural	942,167	933,340	872,366	913,414	1,024,763
Trapping	5,595	5,074	4,961	6,047	6,013
Forestry	40,064	41,720	44,047	50,059	50,670
Fishing and Whaling	6,897	7,741	8,727	8,884	10,555
Mining and Quarrying	109,671	104,875	118,087	132,508	140,072
Total Non-Rural	162,227	159,410	175,822	197,498	207,310
Total Primary	1,104,394	1,092,750	1,048,188	1,110,912	1,232,073

(a) Includes amounts paid as bounty, relief, etc. (b) Details for the Australian Capital Territory are not included in this table until 1954-55 and values for previous years differ from those shown in Table 5 for this reason. (c) Excludes payments to woolgrowers of profits from the wartime wool disposal plan.

**TABLE 3 : NET VALUE OF PRODUCTION FOR PRIMARY INDUSTRIES
AND FACTORIES, AUSTRALIA**

Industry	1952-53	1953-54	1954-55	1955-56	1956-57
TOTAL NET VALUE (£'000)					
Primary Industries (a)	1,104,394	1,092,750	1,048,188	1,110,912	1,232,073
Factories	1,082,862	1,227,045	1,365,509	1,500,714	1,622,415
Total :	2,187,256	2,319,795	2,413,697	2,611,626	2,854,488
NET VALUE PER HEAD OF POPULATION (£. s. d.)					
Primary Industries (a)	127. 1. 5	123. 8. 1	115. 6. 2	119. 5. 0	129. 4. 4
Factories	124. 11. 11	138. 11. 5	150. 4. 4	161. 1. 11	170. 3. 1
Total :	251. 13. 4	261. 19. 6	265. 10. 6	280. 6. 11	299. 7. 5

(a) Includes amounts paid as bounty, relief, etc., but excludes payments to woolgrowers of profits from the wartime wool disposal plan.

4. Gross Value of Principal Crops

The gross value of crops grown in all States, the Northern Territory and the Australian Capital Territory was £351,680,000 in 1956-57 compared with £384,937,000 in 1955-56 (a decrease of 8.6 per cent). A decrease of £33,444,000 (26.5 per cent.) was recorded for wheat, the value of which was £92,647,000 in 1956-57 representing approximately a quarter of the value recorded for all crops. This was 42.8 per cent. lower than the record amount of £161,904,000 realized for the 1947-48 wheat crop. Compared with the previous year a substantial decrease of £7,134,000 (36.8 per cent.) was recorded for oats and the value of the hay and vegetable crops decreased by 12.3 per cent. and 10.3 per cent. respectively. However, increases in values of 18.6 per cent., 13.4 per cent. and 46.6 per cent. respectively were recorded for barley, sugar and viticultural crops.

Compared with 1955-56 gross value of crops showed substantial decreases for New South Wales, Western Australia and Tasmania whilst a slight decrease was recorded for Victoria and increases were recorded for Queensland and South Australia.

The detailed tables following show particulars of the values of each of the principal crops by States for the year 1956-57 and for Australia for the period 1952-53 to 1956-57.

TABLE 4 : GROSS VALUE OF PRINCIPAL CROPS, 1956-57.
(£'000)

Crop	N.S.W.	VIC.	Q'ld.	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Cereals for Grain -									
Barley ..	513	3,837	1,497	17,011	1,853	185	-	-	24,896
Maize ..	1,508	67	2,157	-	-	-	-	-	3,732
Oats ..	2,484	3,315	304	2,326	3,695	114	-	1	12,239
Panicum, Millet and Setaria ..	-	6	(a)	-	-	-	-	-	(b)
Rice ..	3,069	-	-	-	(c)	-	(d)	-	(e)3,069
Rye ..	22	94	(a)	135	13	2	-	-	(b)
Sorghum ..	395	-	2,025	-	1	-	2	-	2,423
Wheat ..	19,135	24,041	4,914	22,423	22,027	57	-	-	92,647
Total Cereals	27,176	31,360	(b)	41,895	27,589	358	2	1	(b)
Hay ..	5,197	15,230	1,698	3,670	2,626	1,996	-	106	30,523
Green Fodder ..	964	489	3,009	1,057	(f)	377	-	1	(e)5,897
Other Stock Fodder	86	507	(a)	654	29	808	-	-	(b)
Grass Seed ..	1,119	398	(a)	678	229	114	-	1	(b)
Industrial Crops -									
Canary Seed ..	62	-	2,639	4	1	-	-	-	2,706
Cotton ..	-	-	(a)	-	-	-	-	-	(b)
Flax - for Fibre	-	69	-	73	28	-	-	-	170
for Linseed	44	20	1,235	4	-	-	-	-	1,303
Hops ..	-	240	-	-	(c)	617	-	-	(e) 857
Peanuts ..	48	-	911	-	(c)	-	3	-	(a) 962
Sugar Cane (cut for crushing) ..	1,256	-	38,329	-	-	-	-	-	39,585
Tobacco (Dried Leaf)	487	1,377	2,226	-	413	-	-	-	4,503
Other ..	222	20	(a)	4	-	12	-	-	(b)
Total Industrial Crops	2,119	1,726	(b)	85	442	629	3	-	(b)
Vegetables for Human Consumption ..	10,896	16,830	9,673	5,250	4,237	3,160	31	33	50,110
Grapes - Table Use	580	407	416	80	266	-	1	-	1,750
Wine ..	355	213	6	2,514	122	-	-	-	3,210
Dried Vine Fruits	1,324	7,210	-	1,679	233	-	-	-	10,446
Fruit, Orchard and Non-Orchard ..	16,672	10,691	6,341	7,360	3,974	4,751	21	8	49,818
All Other Crops ..	967	1,080	3,166	75	338	51	-	4	2,681
Total Crops	67,455	86,141	80,546	64,997	40,085	12,244	58	154	351,680

- (a) Not yet available separately; included in "All Other Crops"
 (b) Not yet available separately; included in "Total Crops"
 (c) Not available for publication; included in "All Other Crops"
 (d) Not available for publication; excluded from "Total Crops"
 (e) Incomplete. See footnotes to individual States.
 (f) No value placed on green fodder.

TABLE 5 : GROSS VALUE OF PRINCIPAL CROPS, AUSTRALIA (a)
(£'000)

Crop	1952-53	1953-54	1954-55	1955-56	1956-57
Cereals for Grain -					
Barley	27,512	21,011	18,257	20,994	24,896
Maize	4,039	3,868	3,615	3,464	3,732
Oats	15,301	12,345	14,066	19,373	12,239
Panicum, Millet and Setaria	188	439	616	594	(b)
Rice	3,338	3,198	3,430	3,406	3,069
Rye	532	264	224	213	(b)
Sorghum	2,351	2,040	2,631	2,368	2,423
Wheat	154,656	138,135	107,528	126,091	92,647
Total Cereals	207,917	181,300	150,367	176,503	(b)
Hay	29,249	33,230	30,878	34,807	30,523
Green Fodder (c) ..	6,209	7,720	6,436	5,950	5,897
Other Stock Fodder ..	1,848	2,233	2,204	2,604	(b)
Grass Seed	1,185	1,695	2,472	2,892	(b)
Industrial Crops -					
Canary Seed	470	28	871	2,256	2,706
Cotton	107	316	208	307	(b)
Flax - for Fibre ..	157	367	156	118	170
for Linseed ..	707	58	364	905	1,303
Hops (d)	1,021	802	1,106	1,102	857
Peanuts	906	(d)2,170	(d)1,189	(d) 888	(d) 962
Sugar Cane (cut for crushing)	29,335	38,424	38,737	34,906	39,585
Tobacco (Dried Leaf) ..	2,579	3,816	3,823	3,200	4,503
Other	1,424	1,396	1,148	1,201	(b)
Total Industrial Crops	36,706	47,377	47,602	44,833	(b)
Vegetables for Human Consumption	40,355	36,652	38,420	55,861	50,110
Grapes - Table Use ..	1,388	1,360	1,380	1,337	1,750
Wine	3,125	3,090	2,392	2,293	3,210
Dried Raisins and					
Currants	11,238	9,038	8,521	6,881	10,446
Fruit, Orchard and Non-Orchard	42,031	46,415	46,568	48,349	49,818
All Other Crops	1,857	2,025	2,395	2,577	5,681
Total Crops	383,108	372,135	339,635	384,937	351,680

- (a) Includes Northern Territory crops other than rice from 1954-55. Details are not available in earlier years.
 (b) Not yet available separately; included in "Total Crops".
 (c) Excludes Western Australia where no value is placed on green fodder.
 (d) Excludes Western Australia, details of which are not available for publication.

5. Local Value of Principal Crops

The following table shows the local values in 1956-57 of the principal crops for which gross values have already been shown in Tables 4 and 5. As defined in Section 1 of this Bulletin the local value of any product is equivalent to the gross value of the product less costs of marketing. In some cases, however, marketing costs are not on a completely comparable basis between States and, in addition, accurate information, is for many crops, difficult to obtain. As a result, apparent differences between States in the relationship of local to gross values should be treated with some reserve.

TABLE 6 : LOCAL VALUE OF PRINCIPAL CROPS, 1956-57

(£'000)

Crop	N.S.W.	VIC.	Q'LD.	S.A.	W.A.	TAS.	N.T.	A.C.T.	AUST.
Cereals for Grain -									
Barley	382	2,829	1,033	13,403	1,645	151	-	-	19,443
Maize	1,119	60	1,662	-	-	-	-	-	2,841
Oats	1,595	2,307	234	1,844	3,412	83	-	1	9,476
Panicum, Millet and Setaria	-	6	(a)	-	-	-	-	-	(b)
Rice	2,266	-	-	-	(c)	-	(d)	-	(e)2,266
Rye	17	80	(a)	115	10	1	-	-	(b)
Sorghum	286	-	1,436	-	1	-	2	-	1,725
Wheat	15,327	19,778	3,855	18,758	18,856	44	-	-	76,618
Total Cereals:	20,992	25,060	8,220	34,120	23,924	279	2	1	112,598
Hay	4,694	14,144	1,303	3,473	2,505	1,607	-	106	27,832
Green Fodder	964	489	3,009	1,057	(f)	377	-	1	(e)5,897
Other Stock Fodder	86	494	(a)	592	26	791	-	-	(b)
Grass Seed	988	346	(a)	651	229	109	-	1	(b)
Industrial Crops -									
Canary Seed	51	-	2,298	4	1	-	-	-	2,354
Cotton	-	-	(a)	-	-	-	-	-	(b)
Flax - for Fibre	-	69	-	73	25	-	-	-	167
for Linseed	39	19	1,136	4	-	-	-	-	1,198
Hops	-	229	-	-	(c)	574	-	-	(e) 803
Peanuts	44	-	830	-	(c)	-	3	-	(e) 877
Sugar Cane (cut for crushing)	1,246	-	36,703	-	-	-	-	-	37,949
Tobacco (Dried Leaf)	485	1,314	2,130	-	395	-	-	-	4,324
Other	204	19	(a)	4	-	11	-	-	(b)
Total Industrial Crops:	2,069	1,650	(b)	85	421	585	3	-	(b)
Vegetables for Human Consumption	9,060	14,942	8,210	5,150	3,664	2,466	31	31	43,554
Grapes - Table Use	480	294	321	80	196	-	1	-	1,372
Wine	355	213	6	2,514	122	-	-	-	3,210
Dried Vine Fruits	1,103	5,991	-	1,415	233	-	-	-	8,742
Fruit, Orchard and Non-Orchard	12,209	8,364	4,956	6,340	3,028	3,840	21	7	38,765
All Other Crops	812	960	2,937	74	276	46	-	4	5,109
Total Crops:	53,812	72,947	72,059	55,551	34,624	10,100	58	151	299,302

(a) Not yet available separately; included in "All Other Crops".

(b) Not yet available separately; included in "Total Crops".

(c) Not available for publication; included in "All other Crops".

(d) Not available for publication; excluded from "Total Crops".

(e) Incomplete. See footnotes to individual States.

(f) No value placed on green fodder.

6. Unit Gross Value of Principal Crops:

The Unit Gross Value of principal crops is shown below in Table 7, for the 5 years 1952-53 to 1956-57. The unit value for each commodity is obtained by dividing the total gross value by the total quantity produced.

TABLE 7 : UNIT GROSS VALUE OF PRINCIPAL CROPS - AUSTRALIA (a)
(£. s. d.)

Crop	Unit of Quantity	1952-53	1953-54	1954-55	1955-56	1956-57
Cereals for Grain -						
Barley	bushel	15. 8	10. 2	12. 5	10. 1	10. 1
Maize	"	16. 3	15. 3	14. 3	14. 7	13. 7
Oats	"	7. 0	7. 6	8. 7	6.10	6.11
Wheat	"	15.10	13.11	12. 9	12.11	13. 9
Sugar Cane	ton	4. 4. 3	4. 5. 3	3.16.10	3.18. 5	4. 5. 5
Tobacco (Dried Leaf)	lb.	7.11	9.11	11. 3	10. 6	10. 4
Potatoes	ton	34. 2. 2	22. 0. 9	28.14. 6	64. 8. 8	34.11.11
Onions	"	23. 5. 0	36. 6. 2	32. 8. 0	49. 9. 8	(b)
Dried Vine Fruits	"	111.11. 3	100.10. 5	105.10. 3	118. 0. 7	130.16. 2
Apples	bushel	1. 5.10	1. 3. 7	1. 3.11	1. 4. 8	1. 8. 2
Bananas	"	2.15. 0	2. 4. 0	2. 6.10	1. 4. 3	2. 0. 3
Oranges and Mandarins	"	1. 8. 5	1. 0. 4	1. 5. 5	1. 1. 7	1. 1.10

(a) Where applicable, the values of crops produced in the Northern Territory have been included when calculating unit values from 1954-55. No information with regard to the Northern Territory is available for earlier years.

(b) Not yet available.

7. Gross Value of Pastoral Production:

The gross value of pastoral production in 1956-57 at £678,777,000 was considerably higher than in 1955-56, (£518,083,000) and was also higher than in any other preceding year except 1950-51 when the record figure of £755,250,000 was achieved. The principal product, wool (shorn and dead) showed a considerable increase compared with the previous year, its value rising from £334,220,000 in 1955-56 to £434,005,000 in 1956-57. The value of sheep slaughtered (adjusted for net exports) rose from £77,333,000 in 1955-56 to £80,195,000 in 1956-57. An increase was recorded in the value of cattle slaughtered (adjusted for net exports) from £106,085,000 in 1955-56 to £114,044,000 in 1956-57.

Of the total recorded for 1956-57, New South Wales contributed £258,180,000 or 38 per cent.; Victoria £149,880,000 or 22 per cent. and Queensland £127,570,000 or 19 per cent. The gross value was higher in 1956-57 than in 1955-56 in all States.

In the following tables, details of the gross value of each of the principal pastoral products by States for 1956-57 and for Australia for the period 1952-53 to 1956-57 are shown.

TABLE 8 : GROSS VALUE OF PASTORAL PRODUCTION, 1956-57
(£'000)

Particulars	NSW	VIC	Q'LD	SA	WA	TAS	NT	ACT	AUST
Wool (Shorn and Dead)	207,407	91,227	76,688	53,932	44,716	9,237	105	693	434,005
Sheep Slaughtered (including value of wool on skins, fell- mongered and ex- ported) (a)	30,364	25,466	4,458	10,946	6,095	2,624	2	240	80,195
Cattle Slaughtered (excluding Dairy Cattle Slaughtered) (a)	19,989	(b)33,187	(b)46,330	4,162	5,631	1,988	2,715	42	114,044
Other Pastoral Pro- ducts	420	-	94	19	-	-	-	-	533
Total:	258,180	149,880	127,570	69,059	56,442	13,849	2,822	975	678,777

(a) Includes adjustment for net export of livestock.

(b) Includes dairy cattle slaughtered.

TABLE 9 : GROSS VALUE OF PASTORAL PRODUCTION : AUSTRALIA (a)
(£'000)

Particulars	1952-53	1953-54	1954-55	1955-56	1956-57
Wool (Shorn and Dead)	400,331	385,299	345,392	334,220	484,005
Sheep Slaughtered (including value of wool on skins, fellmongered and exported) (b)	63,661	71,267	75,638	77,333	80,195
Cattle Slaughtered (excluding Dairy Cattle Slaughtered) (b)	93,064	100,639	107,895	106,085	114,044
Other Pastoral Products	439	448	443	445	533
Total:	557,495	557,653	529,368	518,083	678,777

(a) Includes Northern Territory and Australian Capital Territory from 1954-55.
Details are not available for earlier years.

(b) Includes adjustment for net export of livestock.

8. Local Value of Pastoral Production:

The following table shows the local values in 1956-57 of the principal pastoral products for which gross values were shown in Table 8. As defined in Section 1 of this Bulletin, local values are equivalent to gross values less costs of marketing.

TABLE 10 : LOCAL VALUE OF PASTORAL PRODUCTION, 1956-57
(£'000)

Particulars	NSW	VIC	Q'LD	SA	WA	TAS	NT	ACT	AUST
Wool (Shorn and Dead)	196,563	83,340	72,330	51,243	42,411	8,904	97	648	455,536
Sheep Slaughtered (including value of wool on skins, fellmongered and exported) (a)	27,672	23,653	3,945	10,108	5,666	2,422	1	225	73,692
Cattle Slaughtered (excluding Dairy Cattle Slaughtered) (a)	17,644	(b)30,969	(b)42,557	3,839	5,226	1,807	2,240	33	104,315
Other Pastoral Products	367	-	89	15	-	-	-	-	471
Total:	242,246	137,962	118,921	65,205	53,303	13,133	2,338	906	634,014

(a) Includes adjustment for net export of livestock.

(b) Includes dairy cattle slaughtered.

9. Average Market Price of Wool:

The following table shows the average market price for wool for the years 1952-53 to 1956-57. The information contained in the table is compiled by the National Council of Woolselling Brokers of Australia and represents the average price realised for all greasy wool of whatever type or quality marketed in Australia during the year.

TABLE 11 : WOOL : AVERAGE MARKET PRICE : AUSTRALIA
(Pence per lb.)

Description	1952-53	1953-54	1954-55	1955-56	1956-57
Greasy	81.80	81.50	70.88	61.46	79.66

10. Gross Value of Farmyard and Dairy Production

The gross value of farmyard and dairy production reached a level of £246,379,000 in 1956-57. This is 3 per cent. lower than the record of £253,920,000 in 1955-56. Whole milk production (for all purposes) was valued at £154,183,000 (including Commonwealth Government subsidy of £13,500,000) in 1956-57 and comprised approximately 63 per cent of the total gross value for the industry. Egg production valued at £43,567,000 and pigs slaughtered at £25,948,000 accounted for most of the balance accruing to farmyard and dairy products in 1956-57.

New South Wales (£81,901,000) and Victoria (£87,794,000) contributed 33 per cent and 36 per cent respectively to the total gross value in 1956-57. The other States accounted for the remaining £76,684,000, amounting to 31 per cent. Decreases in the gross value of farmyard and dairy production in 1956-57 compared with 1955-56 were recorded in all States except Western Australia and Tasmania.

Complete details are set out in the following tables of gross values of farmyard and dairy production by States for 1956-57 and for Australia for the period 1952-53 to 1956-57.

TABLE 12 : GROSS VALUE OF FARMYARD AND DAIRY PRODUCTION, 1956-57
(£'000)

Particulars	NSW	VIC	Q'LD	SA	WA	TAS	NT	ACT	AUST
Whole Milk used for -									
Butter (a)	12,238	30,508	14,421	3,540	2,661	3,620	-	3	66,991
Cheese (a)	722	4,127	1,415	2,788	270	76	-	-	9,398
Condensing, Concentrating, etc.	1,533	6,385	460	2	171	350	-	-	8,901
Human Consumption and Other Purposes	27,170	12,670	6,976	3,622	2,783	1,958	-	214	55,393
Subsidy paid on Whole Milk for Butter, Cheese, Condensing, Concentrating, etc.	2,307	6,286	2,860	842	516	689	-	-	13,500
Total Whole Milk (including Subsidy)	43,970	59,976	26,132	10,794	6,401	6,693	-	217	154,183
Pigs Slaughtered	7,561	6,354	6,460	2,242	2,353	958	18	2	25,948
Dairy Cattle Slaughtered	6,128	-	-	1,466	140	970	-	17	8,721
Eggs	19,480	15,513	2,200	2,446	2,186	1,508	63	171	43,567
Poultry	3,767	5,332	473	1,257	255	336	-	12	11,432
Honey	934	590	167	389	266	23	-	2	2,371
Beeswax	61	29	13	33	19	2	-	-	157
Total:	81,901	87,794	35,445	18,627	11,620	10,490	81	421	246,379

(a) Excludes Commonwealth subsidy which is shown separately below.

TABLE 13 : GROSS VALUE OF FARMYARD AND DAIRY PRODUCTION, AUSTRALIA (a)
(£'000)

Particulars	1952-53	1953-54	1954-55	1955-56	1956-57
Whole Milk used for -					
Butter (b)	58,995	57,004	67,801	73,559	66,991
Cheese (b)	9,377	10,077	9,218	8,535	9,398
Condensing, Concentrating, etc. (b)	10,860	9,583	7,537	8,908	8,901
Human Consumption and other Purposes	46,092	49,205	50,377	52,465	55,393
Subsidy Paid on Whole Milk for Butter, Cheese, Condensing, etc.	15,265	15,468	16,081	14,499	13,500
Total Whole Milk (including Subsidy)	140,589	141,337	151,014	163,016	154,183
Pigs Slaughtered	21,703	23,773	21,263	25,543	25,948
Dairy Cattle Slaughtered	6,569	8,437	9,652	9,625	8,721
Eggs	43,637	43,569	40,650	42,137	43,567
Poultry	11,231	11,396	10,335	11,666	11,432
Honey	1,113	1,473	1,473	1,801	2,371
Beeswax	84	120	125	132	157
Total:	224,926	230,105	235,012	253,920	246,379

(a) Includes Northern Territory and Australian Capital Territory from 1954-55. Details are not available for earlier years.

(b) Excludes Commonwealth subsidy which is shown separately below.

11. Local Value of Farmyard and Dairy Production:

The following table shows the local value in 1956-57 of farmyard and dairy production for which gross values were shown in Table 12.

TABLE 14 : LOCAL VALUE OF FARMYARD AND DAIRY PRODUCTION, 1956-57
(£'000)

Particulars	NSW	VIC	Q'LD	SA	WA	TAS	NT	ACT	AUST
Whole Milk used for -									
Butter (a)	12,238	29,481	13,905	3,540	2,540	3,534	-	3	65,241
Cheese (a)	722	3,921	1,345	2,788	248	62	-	-	9,086
Condensing, Concentrating, etc.	1,533	6,085	430	2	157	288	-	-	8,495
Human Consumption and Other Purposes	20,145	12,050	6,676	3,622	2,676	1,820	-	204	47,193
Subsidy paid on Whole Milk for Butter, Cheese, Condensing, Concentrating, etc.	2,307	6,286	2,860	842	516	689	-	-	13,500
Total Whole Milk (incl. Subsidy)	36,945	57,823	25,216	10,794	6,137	6,393	-	207	143,515
Pigs Slaughtered	6,972	5,936	6,255	2,107	2,231	900	17	2	24,420
Dairy Cattle Slaughtered	5,179	-	-	1,354	131	878	-	16	7,558
Eggs	16,958	14,349	1,833	2,167	1,917	1,357	60	161	38,802
Poultry	3,434	4,932	463	1,120	217	302	-	12	10,530
Honey	848	479	147	357	249	22	-	2	2,104
Beeswax	57	27	13	31	19	2	-	-	149
Total:	70,443	83,546	33,927	17,930	10,901	9,854	77	400	227,078

(a) Excludes Commonwealth subsidy which is shown separately below.

12. Unit Gross Value of Whole Milk Produced:

The Unit Gross Value of Whole Milk produced is shown below in Table 15 for the 5 years 1952-53 to 1956-57. The unit value is obtained by dividing the total gross value of milk for each of the various purposes by the total quantity produced.

TABLE 15 : UNIT GROSS VALUE OF WHOLE MILK PRODUCED, AUSTRALIA
(£s.d. per '000 gallons)

Particulars	1952-53	1953-54	1954-55	1955-56	1956-57
Whole milk used for -					
Butter (a)	93.19. 0	95.13. 8	93. 2. 9	95. 9. 9	89. 3. 3
Cheese (a)	107.18. 6	109.11. 7	106.14. 4	116. 0. 2	107. 5. 0
Condensing, Concentrating, etc. (a)	130. 3. 9	126. 9. 5	115.18. 8	119. 8. 0	124. 9. 6
Human Consumption and Other Purposes	177.19.11	182.15.11	182. 5. 3	184.11. 2	190.10. 2

(a) Includes Commonwealth Government Subsidy.

II. INDEXES OF PRICE AND QUANTUM OF FARM PRODUCTION1. Farm Production Price Indexes:

The Farm Production Price Indexes shown in the following table relate to average "prices" of farm products realized in the principal markets of Australia. The "price" data used are average unit values for the total quantities of the relevant commodities produced or marketed in each year, and the index-numbers therefore measure both the effects of changes in prices (as such) and of variations in the quality, type, usage, etc. of products marketed. The indexes for any year relate to the average value of farm products produced or marketed in that year irrespective of the periods in which payment is received by producers.

The indexes shown in the table are the Revised Series (December, 1952) in which average quantities of each product marketed in the period 1946-47 to 1950-51 have been used as fixed weights. Further details of the methods used in constructing the indexes will be found in Primary Industries Bulletin No. 50 - Part II.

The outstanding feature of the table is the high level of wool prices in relation to other products. In 1952-53 wool prices were more than six times as high as pre-war while prices of other farm products were less than four times as high. Prices generally declined during the following three years. From 1955-56 to 1956-57 wool prices rose by about 30 per cent. while other prices fell slightly. The resultant price index for all farm products was 8 per cent. higher in 1956-57 than in 1955-56.

TABLE 16 : FARM PRODUCTION : INDEXES OF PRICES AT PRINCIPAL MARKETS, AUSTRALIA

(Revised Series (1952); see above)

(Base : Average 1936-37 to 1938-39 = 100)

Industry	1952-53	1953-54	1954-55	1955-56	1956-57
Agriculture	364	324	316	330	332
Pastoral	531	534	489	451	529
Farmyard and Dairying	387	395	371	392	386
All Farming	440	429	401	397	428
Wool (Shorn and Dead)	623	621	540	468	607
Products other than wool	379	365	355	373	369

2. Farm Production Quantum Indexes:

The Farm Production Quantum Indexes shown in Table 17 below, relate to gross output of farm products valued at constant prices.

The indexes shown in the table are the revised series (December, 1952) in which the quantities of each farm product produced each year have been re-valued at the average unit gross values for the period 1936-37 to 1938-39. Further details of the method of constructing the indexes will be found in Primary Industries Bulletin No. 50 - Part I.

The table shows that the quantum of total farm production was steady in the 3 years 1952-53 to 1954-55. It rose by 6 per cent. in 1955-56 and remained unchanged in 1956-57. In 1956-57, an increase of 12 per cent in wool production was offset by a decrease in the quantum index for products other than wool.

TABLE 17 : INDEXES OF QUANTUM (a) OF FARM PRODUCTION, AUSTRALIA

(Revised Series (1952) see above)

(Base : Average 1936-37 to 1938-39 = 100)

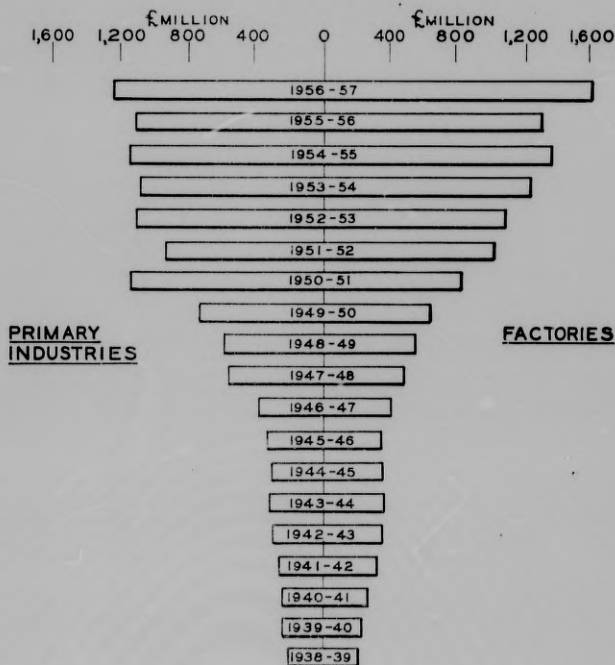
Industry	1952-53	1953-54	1954-55	1955-56	1956-57
Agriculture	121	129	120	134	121
Pastoral	126	123	127	136	147
Farmyard and Dairying	108	107	117	120	118
All Farming	121	122	123	131	131
Wool (Shorn and Dead)	131	128	132	146	164
Products other than wool	118	120	120	127	121

(a) Indexes of value at constant prices i.e. quantities revalued at average unit values of the base years (1936-37 to 1938-39).

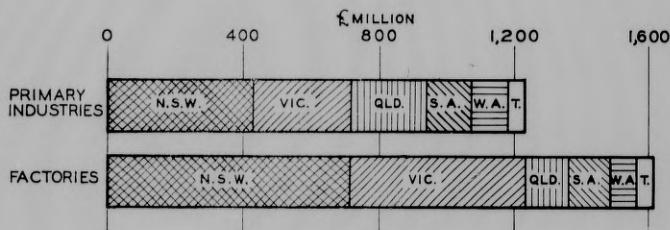
S.R. CARVER
COMMONWEALTH STATISTICIAN

NET VALUE OF PRODUCTION

AUSTRALIA (a), 1938-39 TO 1956-57



STATES, 1956-57



(a) PRIOR TO 1954-55 EXCLUDES THE NORTHERN TERRITORY AND THE AUSTRALIAN CAPITAL TERRITORY