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STATISTICAL BULLETIN:
THE
DAIRYING INDUSTRY

VOL. 30 No. 7
YEAR ENDED JUNE 1967



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS
CANBERRA, AUSTRALIA

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FOREWORD

This issue includes detailed statistics for the year ended June 1967. Supplementary issues of this bulletin are published each month, but relate mainly to monthly particulars of the production and utilisation of whole milk and factory production of butter, cheese and preserved milk products.

While most of the statistical information contained in this bulletin has been collected and compiled in this Bureau, some data have also been obtained from the Department of Primary Industry, the Commonwealth Dairy Produce Equalisation Committee Ltd, and the Australian Dairy Produce Board, relative to Australian and overseas prices, subsidies, and stocks of dairy produce held in main cold stores. To each of these authorities thanks are due for its valuable assistance and co-operation.

Table 3 includes seasonally adjusted figures for whole milk produced. In the seasonal adjustment, account has been taken of both normal seasonal factors and "trading-day" effects (arising from the varying numbers of Sundays, Mondays, Tuesdays, etc., in the month). Details of the methods used in seasonally adjusting this and other series are given in "Seasonally Adjusted Indicators, 1967" issued on 18 July 1967.

SYMBOLS USED IN THIS BULLETIN

P - Preliminary. Subject to revision.

n.a. - Not available.

.. - Nil or less than half the final digit shown.

NOTE. Any discrepancies between totals and sums of components in tables are due to rounding.

1.

I. DAIRY BULLS, AND COWS AND HEIFERS FOR MILK PRODUCTION

The wording and layout of the cattle section of the statistical forms used for the Agricultural, Dairying and Pastoral Census conducted at 31 March 1964 was changed from that used previously.

Prior to 1964, farmers were asked to classify their herds as either "beef cattle" or "dairy cattle". These two terms tended to confuse breed and purpose, and in those instances where vealer production was carried on in association with dairying, farmers were in doubt as to how to classify part or all of their herds.

Since 31 March 1964 farmers have been asked to classify their cattle according to the two main purposes of (i) milk production and (ii) meat production, irrespective of breed, and to report separately the number of cows and heifers kept for their own domestic milk supply. Consequently, detailed statistics of cattle from 1964 onwards are not comparable with those for earlier years. However, four broad groupings of total cattle for all purposes (i.e. bulls (1 year and over), cows and heifers (1 year and over), calves (under 1 year), and other) are generally comparable with earlier years, and particulars are shown in Table 2.

TABLE 1. - DAIRY BREED BULLS, AND COWS AND HEIFERS USED OR INTENDED FOR PRODUCTION OF MILK OR CREAM : AUSTRALIA

31 March	Bulls, Dairy Breed (a)	Cows and heifers used or intended for production of milk or cream for sale				House cows and heifers (b)
		Cows		Heifers		
		In Milk	Dry	1 year and over Spring- ing (c)	Under one year	
1964	99,270	3,078,075		821,286	717,095	216,090
1965	95,012	3,011,832		843,212	690,267	202,138
1966	90,009	2,908,372		822,807	681,033	185,589
1967	(d)	(d)		(d)	(d)	(d)

(a) Used or intended for service; excludes bull calves (under 1 year). (b) Kept primarily for rural holdings' own milk supply. (c) Within 3 months of calving.
(d) Not yet available.

TABLE 2. - TOTAL CATTLE, ALL PURPOSES (a)
('000)

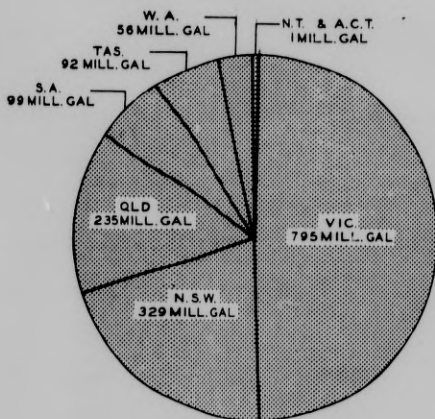
31 March	Bulls (1 year and over)	Cows and Heifers (1 year and over)	Calves (under 1 year)	Other	Total
1963	379	10,936	4,079	3,155	18,549
1964	377	11,138	4,253	3,286	19,055
1965	369	11,130	4,068	3,248	18,816
1966	351	10,609	3,744	3,232	17,936
1967P -					
New South Wales	}	}	}	}	4,160
Victoria					3,568
Queensland					6,912
South Australia					682
Western Australia					(b)
Tasmania	(b)	(b)	(b)	(b)	1,360
Northern Territory					522
Aust. Cap. Territory					1,032
					14
<u>AUSTRALIA</u>	(b)	(b)	(b)	(b)	18,250

(a) That is, used or intended for service, for milk production, or for meat production; see text preceding Table 1. (b) Not yet available.

Holdings with dairy cattle - classification according to size of herd. - Special tabulations relating to rural holdings for the year 1959-60, together with particulars for earlier years, which showed, inter alia, a classification by States of holdings with dairy cattle according to size of herd, were included in Volume 25, No. 14 of this bulletin. Similar details relating to 1965-66 will be published shortly.

WHOLE MILK
PRODUCTION AND UTILISATION: AUSTRALIA
PRODUCTION, 1966-67: 1,606 MILL. GAL

PRODUCTION, STATES



UTILISATION, AUSTRALIA

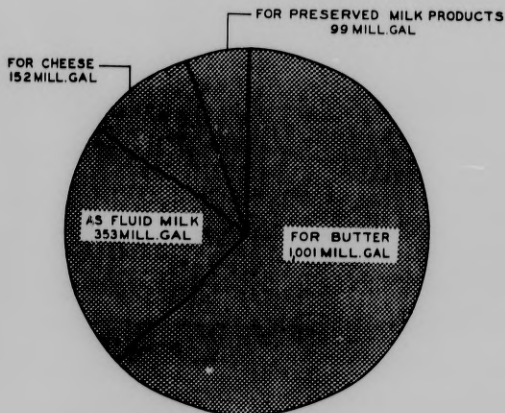


TABLE 4. - PRODUCTION OF WHOLE MILK (a)

Period	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	A.C.T.	Australia (b)
	- '000 gal -							
1962-63	324,113	667,562	245,067	95,378	56,029	78,518	1,090	1,467,757
1963-64	322,547	694,990	239,827	97,523	57,162	83,124	1,146	1,496,395
1964-65	291,931	745,896	230,289	102,330	61,883	87,343	1,094	1,520,864
1965-66 -								
July	16,557	37,008	11,006	8,611	6,829	3,044	71	83,134
August	20,596	62,684	13,567	9,914	7,253	6,589	72	120,683
September	26,198	86,233	17,998	11,234	7,513	10,220	77	159,481
October	31,499	103,601	21,709	11,824	7,647	12,843	95	189,226
November	31,682	100,827	20,943	10,348	7,019	13,387	104	184,318
December	34,203	91,055	25,207	8,983	5,852	12,374	103	177,785
January	32,732	71,127	25,072	7,121	4,057	9,496	96	149,709
February	25,478	52,807	22,045	5,509	2,542	6,449	84	114,922
March	26,065	47,373	20,590	5,396	2,280	4,934	91	106,736
April	21,718	38,871	17,069	5,315	2,373	3,603	85	89,041
May	18,044	31,036	13,865	6,456	3,661	2,713	79	75,861
June	15,969	28,293	12,015	7,687	4,839	2,238	69	71,117
<u>Total, Year 1965-66</u>	<u>300,740</u>	<u>750,915</u>	<u>221,086</u>	<u>98,398</u>	<u>61,865</u>	<u>87,890</u>	<u>1,026</u>	<u>1,522,013</u>
1966-67 P -								
July	17,022	41,175	13,236	8,739	5,441	3,218	73	88,912
August	21,378	70,424	15,745	10,029	6,224	7,069	75	130,952
September	27,695	90,409	19,241	10,869	6,472	10,276	85	165,055
October	33,971	109,222	23,397	11,924	6,802	12,952	103	198,379
November	36,725	106,830	24,134	11,007	6,156	13,415	116	198,431
December	36,137	97,707	23,990	9,445	5,021	12,300	112	184,720
January	34,273	85,476	25,980	7,992	3,487	10,636	105	167,957
February	30,840	60,034	23,644	5,354	2,353	7,481	92	130,306
March	30,132	48,770	23,322	5,638	2,356	6,041	98	116,364
April	22,825	35,310	16,085	5,143	2,379	3,759	86	85,594
May	20,925	26,179	14,013	6,022	3,870	2,427	80	73,523
June	17,137	23,198	11,866	6,268	4,984	1,993	70	65,523
<u>Total, Year 1966-67</u>	<u>329,060</u>	<u>794,734</u>	<u>234,653</u>	<u>98,930</u>	<u>55,585</u>	<u>91,567</u>	<u>1,095</u>	<u>1,605,716</u>
	- per cent -							
Percentage change, 1966-67 on 1965-66	9.4	5.8	6.1	0.5	-10.2	4.2	6.7	5.5

(a) For all purposes. (b) From July 1963, includes estimates of production in the Northern Territory.

Average annual production of whole milk per cow. The annual quantity of milk produced per cow may reach as high as 1,000 gallons, but varies greatly with breed, locality and season. The average yields per cow (shown in Table 5 for the years 1962-63 to 1965-66) are based on the number of cows which were in milk at any time during the year (the mean of the number of cows in milk and dry and house cows at 31 March of the year shown and at 31 March of the previous year is used for this purpose).

In addition to the difficulty of ascertaining with reasonable accuracy the average number of cows in milk during any year, there are many further difficulties attending the collection of particulars of the total quantity of milk obtained during the same period. The average yields per cow shown in Table 5 may, however, be accepted as sufficiently reliable to show the general trend, although it should be noted that, because of the revised classification of cattle from 31 March 1964, (see text on page 4) the annual yields per cow from 1963-64 onwards may not be comparable with the calculations made for previous years.

TABLE 5. - AVERAGE ANNUAL PRODUCTION OF WHOLE MILK PER COW (a)
(Gallons)

Year	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	A.C.T.	Australia (b)
1962-63	364	586	312	586	442	570	479	452
1963-64	368	587	307	587	448	577	557	456
1964-65	347	613	306	614	490	569	547	467
1965-66	378	616	316	602	508	578	524	483
1966-67P	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)

(a) Details from 1963-64 onwards may not be comparable with earlier years: see text on page 7. (b) From 1963-64 includes estimates for the Northern Territory. (c) Not yet available.

TABLE 6. - PRODUCTION OF WHOLE MILK (a) : SPECIFIED COUNTRIES

(Source for countries other than Australia and United Kingdom : "World Agricultural Production and Trade" - United States Department of Agriculture)

Country	Year ended December 1965			Year ended December 1966P		
	Dairy	Production	Milk	Dairy	Production	Milk
	cows	per cow	production	cows	per cow	production
	'000	gal	mill. gal	'000	gal	mill. gal
United States	14,954	806	12,056	14,123	827	11,673
France	8,470	614	5,201	8,633	628	5,422
Germany, Fed.Rep.of	5,816	780	4,534	5,854	781	4,571
United Kingdom (b)	3,186	765	2,437	3,162	806	2,549
Italy	3,387	584	(c)2,089	3,450	595	(c)2,182
Canada	2,885	618	1,783	2,799	637	1,784
Netherlands	1,698	900	1,529	1,730	895	1,549
Australia (d)	(e)3,255	467	1,521	(e)3,154	483	1,522
New Zealand (f)	2,032	628	1,275	2,086	637	1,328
Denmark	1,350	851	1,149	1,358	837	1,136

(a) A conversion factor of 10.3 lb = 1 gallon of milk was applied to countries in the original table. (b) Source: United Kingdom Ministry of Agriculture. (c) Includes goats' and sheep's milk. (d) Years ended June. (e) Average number of cows (in milk and dry) and house cows during year ended March. (f) Years ended May.

Milking machines on rural holdings : States. - Particulars of the number of milking units on rural holdings for each State and the Australian Capital Territory at 31 March of the years 1962 to 1966 are shown in Volume 29, No. 14 of this bulletin.

III. BUTTER

TABLE 7. - FACTORY PRODUCTION OF BUTTER

Year	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
	- '000 lb -						
1962-63	80,568	227,207	81,561	16,395	15,596	29,338	450,765
1963-64	80,880	231,499	79,220	16,587	15,491	30,616	454,292
1964-65	67,081	248,506	73,546	17,215	17,387	31,143	454,878
1965-66	73,901	250,680	70,189	16,160	18,133	31,370	460,433
1966-67P	86,393	266,907	74,375	15,162	14,424	32,057	489,318
	- per cent -						
Percentage change, 1966-67 on 1965-66	16.9	6.5	6.0	-6.2	-20.5	2.2	6.3

TABLE 8. - PRODUCTION AND UTILISATION OF BUTTER : AUSTRALIA

Year	Changes in stocks (a)	Factory production (b)	Exports (c)		Available for con- sumption in Australia	
			Quantity	Proportion of Production	Total quantity	Per head
			'000 lb	%	'000 lb	lb
1962-63	(+)15,828	453,336	180,504	39.8	257,004	23.8
1963-64	(-) 5,192	456,620	203,909	44.7	257,902	23.4
1964-65	(-)15,472	454,878	216,875	47.7	253,476	22.6
1965-66	(-)19,875	460,433	190,608	41.4	249,950	21.8
1966-67P	(-) 969	489,318	234,611	47.9	255,676	21.9

(a) Balance figure (includes imports from 1963-64). (b) For years prior to 1964-65, includes small quantities of butter made on farms. (c) Includes ghee, concentrated butter, etc., expressed as butter as well as butter shipped as ships' stores.

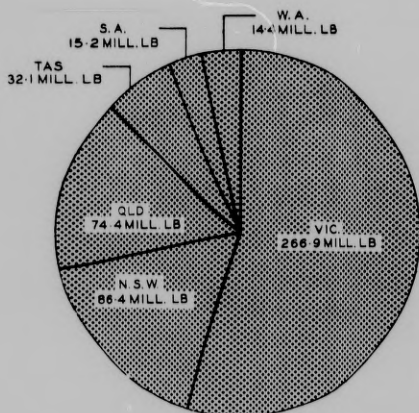
TABLE 9. - MONTHLY FACTORY PRODUCTION OF BUTTER (a)
('000 lb)

State	Year	July	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total year (b)
New South Wales	1962-63	2,762	4,225	5,631	8,852	9,197	9,670	11,484	9,220	7,506	5,743	3,586	2,775	80,568
	1963-64	2,825	3,931	5,972	8,626	10,638	11,471	10,002	8,156	7,011	4,874	3,633	2,840	80,880
	1964-65	3,149	4,110	5,954	8,861	9,473	9,462	8,160	6,433	5,013	2,632	2,124	1,621	67,081
	1965-66	2,209	3,927	6,713	8,862	9,048	10,464	9,816	6,593	6,528	4,746	2,915	2,080	73,901
	1966-67P	2,602	4,476	7,231	9,945	11,289	10,946	10,180	8,939	8,438	5,207	4,281	2,859	86,393
Victoria	1962-63	9,623	18,543	25,897	33,571	33,078	29,579	23,330	18,135	14,280	9,513	6,182	5,470	227,207
	1963-64	9,831	18,119	26,098	34,630	34,205	29,398	21,836	15,342	14,040	10,665	8,758	7,856	231,499
	1964-65	11,977	21,475	30,466	35,829	35,542	33,141	26,979	18,052	13,532	9,314	6,908	6,057	248,506
	1965-66	10,483	20,415	30,212	37,037	36,452	32,618	24,486	17,110	14,528	11,538	8,388	7,327	250,680
	1966-67P	12,428	24,034	32,118	39,485	38,666	35,098	30,130	19,629	14,494	9,556	6,130	5,139	266,907
Queensland	1962-63	3,933	4,661	5,192	7,641	6,832	8,613	11,191	9,220	7,484	7,475	5,378	4,041	81,661
	1963-64	4,278	4,334	5,708	6,704	7,441	9,495	9,726	8,172	8,207	6,185	4,776	4,193	79,220
	1964-65	4,500	5,195	6,229	8,635	8,799	8,597	8,503	7,676	6,223	3,602	2,970	2,616	73,546
	1965-66	2,829	3,862	5,516	6,909	6,762	8,744	8,681	7,568	6,861	5,416	3,944	3,097	70,189
	1966-67P	3,509	4,641	6,036	7,701	8,068	8,012	8,851	8,080	7,918	4,805	3,819	2,935	74,375
South Australia	1962-63	1,364	1,702	1,738	2,099	1,837	1,452	1,266	1,015	811	768	1,073	1,270	16,395
	1963-64	1,528	1,658	1,819	2,092	1,803	1,485	1,250	923	773	818	1,095	1,346	16,587
	1964-65	1,530	1,649	1,917	2,191	2,016	1,864	1,328	927	862	726	950	1,257	17,215
	1965-66	1,436	1,706	1,959	1,962	1,801	1,630	1,194	859	800	677	944	1,192	16,160
	1966-67P	1,322	1,620	1,702	1,858	1,756	1,479	1,200	863	828	731	879	924	15,162
Western Australia	1962-63	1,655	1,947	2,045	2,352	2,056	1,602	900	379	233	302	844	1,286	15,596
	1963-64	1,732	1,951	2,126	2,345	2,047	1,422	786	327	233	334	874	1,413	15,491
	1964-65	1,754	1,985	2,209	2,388	2,182	1,848	1,071	468	300	401	1,120	1,767	17,387
	1965-66	2,162	2,464	2,593	2,616	2,367	1,843	1,026	368	172	256	831	1,355	18,133
	1966-67P	1,580	1,900	2,028	2,157	1,897	1,357	690	249	195	233	841	1,297	14,424
Tasmania	1962-63	764	1,897	2,858	4,204	4,525	4,274	3,347	2,748	2,155	1,537	672	356	29,338
	1963-64	724	1,747	2,950	4,173	4,514	4,321	3,340	2,433	2,628	1,994	1,172	681	30,616
	1964-65	880	2,135	3,506	4,462	4,753	4,628	3,810	2,542	1,967	1,310	694	455	31,143
	1965-66	795	2,299	3,724	4,830	5,131	4,746	3,549	2,316	1,675	1,091	730	484	31,370
	1966-67P	860	2,461	3,787	4,752	5,008	4,562	3,897	2,670	2,035	1,107	540	378	32,057
AUSTRALIA	1962-63	20,102	32,975	43,362	58,719	57,525	55,189	51,518	40,716	32,469	25,339	17,736	15,198	450,765
	1963-64	20,917	31,741	44,672	58,571	60,648	57,593	47,800	35,352	32,892	24,868	20,308	18,330	454,292
	1964-65	23,791	36,548	50,281	62,366	62,765	59,559	49,851	36,100	27,897	17,985	14,766	13,843	454,878
	1965-66	19,914	34,673	50,717	62,216	61,561	60,045	48,752	34,814	30,564	23,724	17,752	15,535	460,433
	1966-67P	22,301	39,132	52,902	65,898	66,684	61,454	54,948	40,430	33,908	21,639	16,490	13,532	489,318

(a) Source: Commonwealth Dairy Produce Equalisation Committee Ltd and State Departments of Agriculture. Includes the butter equivalent of butteroil production. (b) Totals prior to 1966-67 are derived from annual factory censuses, and may differ from totals of monthly figures, due to differences in accounting procedures.

BUTTER

FACTORY PRODUCTION, STATES: 1966-67



FACTORY PRODUCTION, AUSTRALIA: 489.3 MILL. LB

EXPORTS AND CONSUMPTION: AUSTRALIA



TABLE 10. - EXPORTS OF BUTTER (a) TO VARIOUS COUNTRIES : AUSTRALIA

Country of consignment	1962-63	1963-64	1964-65	1965-66	1966-67 P	Proportion of total	
						1965-66	1966-67
	- '000 lb -					%	
United Kingdom	145,812	166,569	169,558	137,336	160,055	81.9	78.1
Japan	121	84	96	1,710	12,458	1.0	6.1
Singapore (b)	2,889	3,904	(c)	3,081	4,235	1.8	2.1
Hong Kong	2,774	3,348	2,440	2,623	3,566	1.6	1.7
Malaysia (d)	2,455	2,659	5,660	3,284	2,618	2.0	1.3
Peru	1,434	2,515	3,752	2,668	2,610	1.6	1.3
Ceylon	2,677	3,174	2,221	2,366	2,374	1.4	1.2
Saudi Arabia	478	804	1,073	1,672	2,129	1.0	1.0
South Africa	57	11	3,615	2,307	1,540	1.4	0.8
United States of America	5	133	34	691	1,415	0.4	0.7
Papua and New Guinea	663	909	990	979	1,351	0.6	0.7
Ghana	122	197	590	417	1,020	0.2	0.5
Polynesia	631	660	681	761	775	0.5	0.4
Mauritius	573	641	571	570	760	0.3	0.4
New Caledonia	584	612	722	718	708	0.4	0.3
All other countries (e)	12,124	10,343	10,237	6,442	7,313	3.8	3.6
TOTAL	173,399	196,563	202,240	167,625	204,927	99.9	100.0

(a) Excludes ghee, butter concentrate and ships' stores. (b) Included in Malaysia from 1 July 1964 to 30 September 1965. (c) Not recorded separately; see note (b). (d) Includes Singapore from 1 July 1964 to 30 September 1965. (e) Includes shipments made "for orders".

Bulk butter graded for Export. All butter exported comes under the provisions of the Exports (Dairy Produce) Regulations and is subject to supervision, inspection and examination by officers appointed for that purpose. Grading is carried out according to quality which is fixed by regulation.

TABLE 11. - BULK BUTTER GRADED FOR EXPORT (a)

(Source : Department of Primary Industry)

Year	Choicest quality		First quality		Second and pastry quality (b)		Total	
	'000 lb	%	'000 lb	%	'000 lb	%	'000 lb	%
1962-63	141,978	70.7	43,056	21.4	15,872	7.9	200,906	100.0
1963-64	128,828	67.5	47,870	25.1	14,220	7.4	190,918	100.0
1964-65	155,310	73.4	44,440	21.0	11,969	5.7	211,719	100.0
1965-66	148,642	73.7	41,768	20.7	11,409	5.7	201,819	100.0
1966-67	164,364	77.3	37,126	17.5	11,111	5.2	212,601	100.0

(a) Includes unsalted.

(b) Includes rejected butter.

TABLE 12. - STOCKS OF BUTTER HELD IN MAIN COLD STORES : AUSTRALIA

(Source : Australian Dairy Produce Board)

('000 lb)

End of month	1962-63	1963-64	1964-65	1965-66	1966-67
July	26,705	16,742	13,565	17,042	21,309
August	23,952	15,077	26,457	21,466	23,081
September	27,117	22,111	31,638	29,832	21,858
October	33,277	27,444	36,790	36,781	32,785
November	45,557	39,294	42,945	44,509	48,937
December	49,181	43,572	52,586	57,707	51,016
January	68,719	58,312	59,712	62,729	65,253
February	83,621	56,894	56,623	66,830	68,234
March	89,246	59,893	50,111	68,445	61,703
April	82,793	57,037	44,825	62,532	54,416
May	56,990	44,215	33,414	50,378	38,555
June	30,014	27,884	22,048	39,932	27,212

IV. CHEESE

TABLE 13. - FACTORY PRODUCTION OF CHEESE

Year	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
1962-63	12,366	57,274	22,851	33,967	3,223	1,440	131,120
1963-64	12,142	56,397	21,263	34,236	3,373	2,994	130,405
1964-65	9,785	60,975	19,095	38,836	4,051	5,265	138,008
1965-66	9,786	58,158	17,773	36,281	2,712	6,590	131,300
1966-67 F	12,024	67,753	23,064	38,780	3,891	8,412	153,924
- per cent -							
Percentage change 1966-67 on 1965-66	22.9	16.5	29.8	6.9	43.5	27.6	17.2

TABLE 14. - PRODUCTION AND UTILISATION OF CHEESE : AUSTRALIA

Year	Changes in stocks (a)	Factory production (b)	Exports (c)		Available for consumption in Australia	
			Quantity	Proportion of Production	Total quantity	Per head
	'000 lb	'000 lb	'000 lb	%	'000 lb	lb
1962-63	(+) 526	131,380	58,177	44.3	72,677	6.7
1963-64	(-) 11,820	130,460	62,451	47.9	79,829	7.3
1964-65	(-) 7,777	138,008	61,087	44.3	84,699	7.5
1965-66	(-) 16,919	131,300	56,968	43.4	91,251	8.0
1966-67 F	(+) 4,611	153,924	58,151	37.8	91,162	7.8

(a) Balance figure (includes imports). (b) For years prior to 1964-65, includes small quantities of cheese made on farms. (c) Includes ships' stores.

TABLE 15. - MONTHLY FACTORY PRODUCTION OF CHEESE (a)
('000 lb)

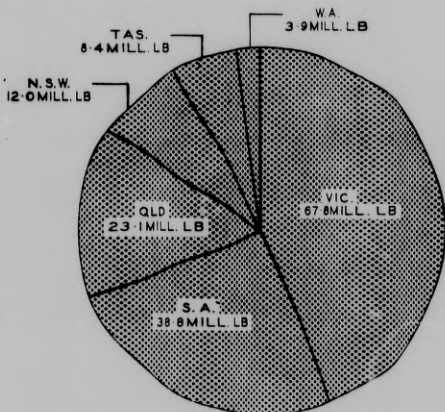
State	Year	July	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total Year (b)
New South Wales	1962-63	551	732	970	1,331	1,378	1,380	1,440	1,160	1,028	800	605	506	12,366
	1963-64	556	809	1,080	1,416	1,474	1,382	1,371	1,111	885	569	477	401	12,142
	1964-65	517	681	948	1,364	1,467	1,478	1,122	679	423	186	186	197	9,785
	1965-66	267	490	921	1,348	1,434	1,353	1,098	759	722	609	459	326	9,786
	1966-67 P	456	751	1,084	1,422	1,550	1,498	1,363	1,138	996	692	621	453	12,024
Victoria	1962-63	2,444	5,114	6,901	8,201	7,988	7,022	5,669	4,702	3,783	2,361	1,201	1,205	57,274
	1963-64	2,126	4,554	6,386	7,780	7,486	6,521	5,492	4,384	3,989	2,943	2,221	2,032	56,397
	1964-65	3,055	5,340	7,175	8,140	8,073	7,524	5,837	4,408	3,996	3,082	2,356	2,007	60,975
	1965-66	2,922	5,315	6,764	7,918	7,592	6,772	5,225	4,085	3,830	3,136	2,450	2,148	58,158
	1966-67 P	3,287	5,759	7,300	8,955	8,674	8,005	7,167	5,438	5,045	3,644	2,396	2,083	67,753
Queensland	1962-63	1,225	1,548	1,908	2,448	2,197	2,444	2,825	2,173	1,716	1,705	1,317	1,342	22,851
	1963-64	1,389	1,496	1,823	2,117	1,967	2,547	2,327	1,779	1,828	1,366	1,366	1,257	21,263
	1964-65	1,555	1,761	1,947	2,446	2,332	2,200	2,173	1,684	1,254	676	549	439	19,095
	1965-66	539	883	1,648	2,241	1,803	2,045	2,078	1,573	1,443	1,232	1,108	1,027	17,773
	1966-67 P	1,227	1,434	1,911	2,471	2,493	2,520	2,711	2,121	2,135	1,550	1,300	1,111	23,064
South Australia	1962-63	2,939	3,748	4,516	4,955	4,437	3,528	2,551	1,794	1,261	974	1,342	1,922	33,967
	1963-64	2,578	3,459	4,397	5,040	4,274	3,344	2,477	1,427	1,165	1,192	2,070	2,558	34,236
	1964-65	3,149	4,113	4,926	5,385	4,977	4,332	3,167	1,700	1,180	1,319	1,953	2,634	38,836
	1965-66	3,221	4,053	4,991	5,452	4,337	3,256	2,278	1,403	1,035	1,447	1,993	2,815	36,281
	1966-67 P	3,568	4,325	5,112	5,776	5,051	4,082	3,253	1,672	1,344	1,102	1,623	1,872	38,780
Western Australia	1962-63	291	390	439	504	482	356	246	114	25	11	139	289	3,223
	1963-64	374	401	446	504	457	343	204	56	13	9	159	376	3,373
	1964-65	488	479	533	562	504	421	271	146	29	20	224	334	4,051
	1965-66	440	328	327	367	314	199	159	104	27	22	125	245	2,712
	1966-67 P	357	498	548	540	500	389	279	65	11	14	238	452	3,891
Tasmania	1962-63	27	58	103	199	255	258	177	150	119	74	18	2	1,440
	1963-64	22	101	208	354	484	381	302	235	345	242	193	128	2,994
	1964-65	101	314	540	813	903	840	721	414	271	193	101	56	5,265
	1965-66	211	551	818	1,055	1,104	999	775	410	278	197	125	67	6,590
	1966-67 P	269	643	1,008	1,365	1,393	1,187	1,040	651	475	214	115	52	8,412
AUSTRALIA	1962-63	7,477	11,590	14,838	17,638	16,737	14,988	12,909	10,093	7,932	5,925	4,621	5,266	131,120
	1963-64	7,045	10,819	14,340	17,210	16,141	14,517	12,174	8,991	8,225	6,321	6,787	6,751	130,405
	1964-65	8,866	12,685	16,068	18,711	18,256	16,876	13,341	9,032	7,155	5,477	5,369	5,708	130,008
	1965-66	7,600	11,620	15,469	18,381	16,584	14,624	11,613	9,334	7,335	6,643	6,260	6,528	131,300
	1966-67 P	9,164	13,410	16,963	20,529	19,661	17,681	15,813	11,085	10,006	7,216	6,373	6,023	153,924

13.

(a) Source: Commonwealth Dairy Produce Equalisation Committee Ltd and producers NOT within the Equalisation Scheme. (b) Totals prior to 1966-67 are derived from annual factory censuses, and may differ from totals of monthly figures, due to differences in accounting procedures.

CHEESE

FACTORY PRODUCTION, STATES: 1966-67



FACTORY PRODUCTION, AUSTRALIA: 153.9 MILL. LB

EXPORTS AND CONSUMPTION: AUSTRALIA

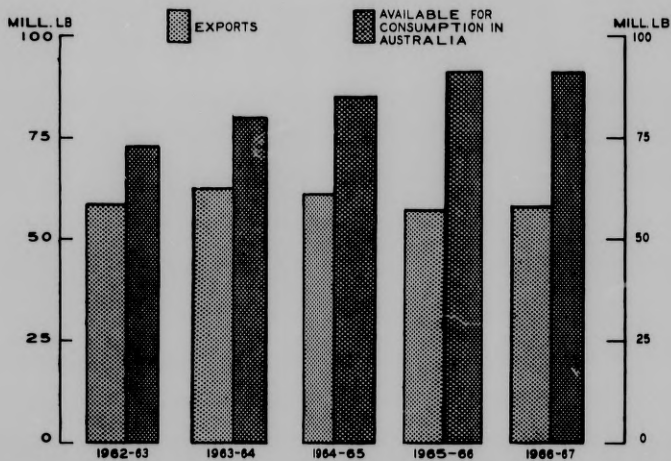


TABLE 16. - EXPORTS OF CHEESE (a) TO VARIOUS COUNTRIES : AUSTRALIA

Country of consignment	1962-63	1963-64	1964-65	1965-66	1966-67 P	Proportion of total	
						1965-66	1966-67
	- '000 lb -						
Japan	5,417	6,130	5,376	11,005	21,229	19.7	36.7
United Kingdom	30,535	29,252	35,976	19,917	10,231	35.7	17.7
Philippines	1,478	2,894	3,203	4,136	6,986	7.4	12.1
Saudi Arabia	1,599	2,276	2,182	3,503	3,881	6.3	6.7
United States of America	5,684	3,360	3,595	3,480	3,141	6.2	5.4
Germany, Federal Republic of	1,396	1,438	3,153	4,479	2,040	8.0	3.5
Kuwait	1,220	1,362	726	1,011	1,595	1.8	2.8
Iraq	832	1,273	783	864	1,368	1.5	2.4
Singapore (b)	515	482	(c)	411	590	0.7	1.0
Lebanon	101	174	132	226	503	0.4	0.9
South Arabia, Federation of	261	293	340	577	485	1.0	0.8
Hong Kong	303	564	376	459	475	0.8	0.8
Malta	440	277	162	169	409	0.3	0.7
Bahrain	223	275	253	374	386	0.7	0.7
Ceylon	177	436	230	443	319	0.8	0.6
All other countries	7,920	11,647	4,442	4,721	4,285	8.5	7.4
TOTAL	58,101	62,333	60,929	55,777	57,923	100.0	100.0

(a) Excludes ships' stores. (b) Included in Malaysia from 1 July 1964 to 30 September 1965. (c) Not recorded separately; see note (b).

Bulk Cheese Graded for Export. As in the case of butter, cheese exported comes under the provisions of the Exports (Dairy Produce) Regulations and is graded according to quality in a manner similar to butter.

TABLE 17. - BULK CHEESE GRADED FOR EXPORT

(Source : Department of Primary Industry)

Year	Choicest quality		First quality		Second and third quality		Total	
	'000 lb	%	'000 lb	%	'000 lb	%	'000 lb	%
1962-63	3,432	6.2	44,969	81.3	6,901	12.5	55,302	100.0
1963-64	2,022	5.1	34,773	87.6	2,915	7.3	39,710	100.0
1964-65	2,993	6.1	42,899	87.0	3,408	6.9	49,300	100.0
1965-66	2,773	6.9	34,872	86.7	2,554	6.4	40,199	100.0
1966-67	10,500	22.5	34,886	74.7	1,295	2.8	46,681	100.0

(a) Includes rejected cheese.

TABLE 18. - STOCKS OF CHEESE HELD IN MAIN COLD STORES : AUSTRALIA

(Source : Australian Dairy Produce Board)

('000 lb)

End of month	1962-63	1963-64	1964-65	1965-66	1966-67
July	7,739	12,148	7,768	8,035	5,327
August	8,624	10,369	7,253	8,447	5,540
September	8,743	10,898	10,826	9,218	7,759
October	12,226	13,722	8,543	9,872	9,363
November	16,834	16,108	12,596	9,605	14,325
December	16,023	14,858	11,980	12,609	15,413
January	17,902	12,593	15,189	9,744	17,210
February	16,339	9,726	11,632	8,440	17,759
March	17,096	10,723	8,774	7,253	15,781
April	16,341	8,645	8,790	6,093	14,562
May	15,624	7,981	7,058	5,853	10,873
June	13,505	7,298	7,439	5,188	9,792

V. PRESERVED MILK PRODUCTS

TABLE 19. - PRODUCTION OF PRESERVED MILK PRODUCTS : AUSTRALIA

A. CONDENSED MILK, ICE CREAM MIXES, INFANTS' AND INVALIDS' FOOD AND CASEIN

Period	Condensed, concentrated and evaporated milk			Ice cream mixes		Infants' and Invalids' Food (c)	Casein
	Full cream		Skim	Liquid	Powder		
	Sweetened (a)	Unsweetened (b)					
	- '000 lb -						
1962-63	75,533	64,409	19,203	8,612	1,341	38,465	36,236
1963-64	95,744	71,964	25,712	11,896	973	44,105	37,360
1964-65	102,479	89,390	21,936	10,810	773	45,179	39,768
1965-66 -							
July	3,087	3,111	1,310	438	(e)	4,422	1,557
August	6,038	9,547	1,369	614	17	4,175	3,223
September	9,163	9,985	1,738	732	47	3,753	6,990
October	10,275	12,667	1,909	993	(e)	3,539	9,089
November	9,137	10,580	2,163	1,473	(e)	4,221	8,779
December	8,877	9,690	2,613	1,725	(e)	3,388	7,685
January	6,520	9,530	2,473	2,078	(e)	2,515	5,157
February	5,311	7,958	1,715	1,897	(e)	3,130	2,980
March	4,547	6,909	1,783	1,935	(e)	4,165	2,222
April	2,766	4,387	1,519	1,625	(e)	3,248	1,997
May	2,783	2,014	1,228	886	(e)	4,386	1,099
June	1,950	1,616	1,414	837	(e)	4,615	904
<u>Total, year 1965-66 (a)</u>	<u>73,985</u>	<u>88,482</u>	<u>21,350</u>	<u>15,198</u>	<u>551</u>	<u>45,403</u>	<u>50,712</u>
1966-67 P -							
July	2,680	3,550	1,548	1,091	(e)	4,485	1,502
August	5,074	8,002	1,730	1,171	(e)	4,266	3,659
September	8,333	8,349	2,137	1,849	(e)	4,276	6,341
October	9,576	10,743	2,397	2,073	(e)	4,756	8,326
November	7,872	12,075	2,619	2,462	(e)	4,381	7,760
December	7,472	9,763	2,739	2,488	(e)	4,397	6,255
January	7,063	9,655	3,053	2,079	..	4,021	4,567
February	5,227	9,430	2,172	1,485	(e)	3,997	2,585
March	2,830	8,815	2,066	1,289	(e)	3,586	1,507
April	2,251	6,289	1,354	1,166	(e)	4,013	937
May	1,470	4,158	1,470	1,240	..	3,897	731
June	1,367	1,611	1,213	1,170	..	3,409	411
<u>Total, year 1966-67</u>	<u>61,217</u>	<u>92,440</u>	<u>24,498</u>	<u>19,563</u>	<u>(e)</u>	<u>49,484</u>	<u>44,581</u>
	- per cent -						
Percentage change, 1966-67 on 1965-66	-17.3	4.5	14.7	28.7	(e)	9.0	-12.1

For footnotes, see end of table on Page 17.

TABLE 19. - PRODUCTION OF PRESERVED MILK PRODUCTS : AUSTRALIA - continued

B. POWDERED MILK

Period	Full cream		Skim				Buttermilk or mixed skim and buttermilk		Total powdered milk
	Spray	Roller	Without added ingredients		With added ingredients		Spray	Roller	
			Spray	Roller	Baker's powder	Other			
	- '000 lb -								
1962-63	37,829	1,874	76,689	10,845	1,808	1,834	2,543	18,258	154,680
1963-64	40,069	2,109	70,189	12,783	1,854	4,303	4,650	17,060	156,019
1964-65	41,561	2,108	82,624	14,704	5,264	5,231	4,702	16,183	172,378
1965-66 -									
July		2,638	3,143	697	279	448	450	777	8,432
August		3,894	6,848	1,275	604	785	757	1,379	15,542
September		5,129	8,914	1,987	493	739	1,168	2,175	20,605
October		6,509	10,586	2,184	609	663	1,381	2,556	24,488
November		5,884	10,554	1,860	626	1,003	1,180	2,524	23,631
December		5,655	10,628	1,490	835	1,036	1,058	2,366	23,068
January		4,328	8,828	1,679	611	1,227	642	1,617	18,932
February		3,060	233	5,621	956	237	810	330	12,537
March		2,565	94	6,135	795	485	656	236	12,093
April		1,741	50	4,956	557	178	235	362	8,963
May		1,409	162	4,051	423	485	178	388	7,833
June		1,509	194	3,761	653	193	524	392	7,899
Total, year 1965-66 (d)	42,888	2,172	84,018	14,466	5,577	8,281	8,345	17,921	183,667
1966-67 P -									
July	2,384	90	7,032	975	190	532	565	798	12,566
August	4,044	53	12,441	1,389	352	891	1,135	1,748	22,053
September	5,020	254	15,966	1,680	744	716	1,524	2,361	28,265
October	5,602	436	19,369	1,558	585	798	1,897	2,830	33,075
November	5,808	341	21,206	1,382	699	672	1,827	2,774	34,709
December	4,800	111	22,908	1,414	658	751	1,366	2,560	34,568
January	4,579	41	20,868	1,250	592	555	1,069	1,965	30,919
February	3,859	69	14,563	553	510	451	954	1,478	22,437
March	4,424	27	11,655	645	284	738	639	1,109	19,521
April	2,334	28	7,645	426	145	521	421	659	12,179
May	1,827	56	4,483	484	325	475	368	464	8,486
June	1,713	45	3,629	371	253	622	626	415	7,674
Total, year 1966-67	46,396	1,551	161,765	12,127	5,337	7,722	12,392	19,161	266,451
	- per cent -								
Percentage change, 1966-67 on 1965-66	8.2	-28.6	92.5	-16.2	-4.3	-6.8	48.5	6.9	45.1

(a) Includes "Coffee and Milk". (b) Includes (i) Whole (10% butterfat or more), (ii) Less than 10% butterfat. (c) Includes malted milk and milk sugar (lactose). (d) These totals are derived from annual factory censuses, and may differ from totals of monthly figures, due to differences in accounting procedures. (e) Not available for publication.

Production and utilisation of preserved milk products : Australia. - Details of the production and utilisation in Australia of the major preserved milk products for the years 1961-62 to 1965-66 are shown in Volume 29, No. 14 of this bulletin.

TABLE 20. - EXPORTS OF PRESERVED MILK PRODUCTS (a) : AUSTRALIA

Year	Preserved, condensed, concentrated, etc.		Ice cream mixes	Infants' and invalids' food (b) (essentially of milk)	Casein	Dried or in powdered form	
	Sweetened	Unsweetened				Full cream	Skin
	-'000 lb -						
1962-63	54,432	5,077	285	15,047	30,327	14,263	53,467
1963-64	69,554	8,337	214	17,324	37,584	15,260	40,507
1964-65	78,070	11,678	187	16,523	36,624	13,737	56,098
1965-66	44,661	14,228	211	13,307	43,344	20,181	42,018
1966-67P	35,794	15,356	n.a.	10,860	42,927	29,128	118,129
	- per cent -						
Percentage change, 1966-67 on 1965-66	-19.9	7.9	n.a.	-18.4	-1.0	44.3	181.1

(a) Excludes ships' stores. (b) Includes malted milk.

VI. FACTORIES PRODUCING BUTTER, CHEESE AND PRESERVED MILK PRODUCTS

Summary of statistics : Australia. Details relating to small establishments not classified for statistical purposes as factories are not included in the figures shown below. Further information will be found in Manufacturing Industries Bulletin No. 21, published by this Bureau.

TABLE 21. - FACTORIES PRODUCING BUTTER, CHEESE AND PRESERVED MILK PRODUCTS : AUSTRALIA

Year	Factories	Persons employed (a)	Salaries and wages paid (b)	Value of output (c)	Cost of power, fuel and light, etc. used (d) (5)	Cost of materials, etc. used (e)	Value of production (f)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	no.	no.					
	- \$'000 -						
1961-62	353	11,317	24,476	281,299	5,863	223,850	51,586
1962-63	348	11,320	24,883	285,077	5,961	226,691	52,424
1963-64	347	11,510	26,314	309,961	6,138	244,507	59,236
1964-65	344	11,505	27,680	332,458	6,364	261,066	65,028
1965-66	337	11,454	26,810	336,949	6,500	262,480	67,970

(a) Includes working proprietors. (b) Excludes amounts drawn by working proprietors. (c) Value at the factory of goods produced. (d) Includes water and lubricating oil. (e) Includes also cost of containers, packing, etc., replacements of tools and repairs to plant. (f) Value of Production equals column (4) less the sum of columns (5) and (6).

TABLE 22. - FACTORIES PRODUCING BUTTER, CHEESE AND PRESERVED MILK PRODUCTS : STATES, 1965-66

Particulars	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
	- no. -						
Factories	69	119	63	44	19	23	337
Persons employed (a) -							
Males	2,016	4,857	(h)	622	(h)	438	9,592
Females	463	862	(h)	139	(h)	85	1,862
TOTAL	2,479	5,719	(h)	761	(h)	523	11,454
	- \$'000 -						
Salaries and wages paid (b)	5,855	15,558	(h)	1,691	(h)	1,283	28,810
Value of -							
Output (c)	49,469	193,519	(h)	15,251	(h)	18,655	336,949
Power, fuel and light, etc. used (d)	1,404	3,638	(h)	274	(h)	231	6,500
Materials, etc. used (e)	36,109	151,109	(h)	11,562	(h)	15,208	262,480
Production (f)	11,956	38,771	(h)	3,416	(h)	3,216	67,970
Land and buildings (g)	7,056	21,936	(h)	1,760	(h)	1,406	38,681
Plant and machinery (g)	8,301	26,108	(h)	2,152	(h)	2,625	46,397
	- HP -						
Horse-power of engines ordinarily in use	35,259	51,002	(h)	6,047	(h)	4,088	127,837

(a) to (f) See footnotes to Table 21 above. (g) Depreciated or book values at end of year. (h) Not available for publication.

VII. MARKETING ARRANGEMENTS AND ASSISTANCE TO THE DAIRYING INDUSTRY

Butter and Cheese Equalisation Scheme. A butter and cheese price equalisation scheme has been in operation for a number of years by voluntary action, based on arrangements between the manufacturers and the Commonwealth Dairy Produce Equalisation Committee Limited. The Committee, which comprises members of the State Dairy Produce Boards and other persons representing the industry, enters into agreements with manufacturers to secure to them equal rates from sales of butter and cheese, and for this purpose fixes basic prices at which these products, sold in Australia or abroad, are to be taken into account. The effect is that the local and export trade are distributed in equitable proportions amongst the manufacturers. The Committee equalises returns to factories through an Equalisation Fund.

Casein Equalisation Plan. Details of the Equalisation Plan, operated by the Casein Equalisation Committee from July 1946, to September 1949, were given in Volume 11, No. 14 of this bulletin, and of the current plan operated by the Casein Equalisation Advisory Committee, in Volume 16, No. 7 of this bulletin.

The average realisation per cwt for 1962-63 was \$15.908; for 1963-64, \$16.101; for 1964-65, \$17.381; and for 1965-66, \$24.918.

The interim equalisation value for 1966-67 has been fixed at \$23.25 per cwt, and for 1967-68 at \$22.00 per cwt.

TABLE 23. - WHOLESALE PRICES OF BUTTER AND CHEESE, AUSTRALIA (a)
($\$$ per cwt)

Date from which prices became effective	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.
BUTTER						
1 July 1956	46.67	46.67	46.55	46.43	46.67	46.67
1 July 1958	48.53	48.53	48.42	48.42	48.53	48.53
1 July 1960	50.17	50.17	50.05	50.17	50.17	50.17
19 June 1964	51.80	51.80	51.80	51.80	51.80	51.80
14 February 1966	52.08	52.08	52.08	52.08	52.08	52.08
CHEESE						
1 July 1956	28.23	28.23	28.23	28.12	28.23	28.23
1 July 1958	29.17	29.17	29.17	29.17	29.17	29.17
1 July 1960	29.63	29.63	29.63	29.63	29.63	29.63
19 June 1964	30.57	30.57	30.57	30.57	30.57	30.57
14 February 1966	30.80	30.80	30.80	30.80	30.80	30.80
7 November 1966	33.04	33.04	33.04	33.04	33.04	33.04

(a) Maximum prices as determined by the Commonwealth Dairy Produce Equalisation Committee Ltd for choicest grade bulk butter and cheese.

Overseas marketing. Historical information on overseas marketing appears in Vol. 25, No. 14 of this bulletin.

The quota on imports of butter from Australia into the United Kingdom for the year 1 April 1967 to 31 March 1968 has been fixed at 72,200 tons, compared with 66,700 tons for the three preceding years.

Details of the average rates realised on all butter and cheese sold overseas are given in Table 24.

Commonwealth subsidies and stabilisation plans. Subsidies are distributed by the Commonwealth Dairy Produce Equalisation Committee Limited, through factories to milk producers, by payments on butter and cheese manufactured. Details of the rates of subsidy paid on butter and cheese for the years ended 30 June 1963 to 1968 are shown in Table 24. Subsidy on milk supplied for the manufacture of processed milk products was also payable from 1942 until 30 June 1948 and again from 1 July 1949 to 30 June 1952. The Commonwealth Government provided, under the Processed Milk Products Bounty Act 1962, for the payment of a maximum amount of \$700,000 as a bounty on exports of processed milk products in 1962-63. The bounty is to continue under present legislation to 30 June 1972, the maximum amounts made available being \$1,000,000 for 1963-64 and \$800,000 for each subsequent year.

Since 1952, subsidies on the manufacture of butter and cheese have been distributed under the provisions of a series of five-year stabilisation plans. The current plan, which came into operation on 1 July 1967, is the fourth in the series. Details of the three earlier plans are given in Volume 25, No. 7 of this bulletin.

The current plan provides for continuation of the payment of the bounty on the production of butter, cheese and other related products containing butterfat for a further five years ending on 30 June 1972. An amount of \$27,000,000 has been allocated for this purpose for each year of the new plan. This was the amount provided for each year of the previous plan. Products containing 40 per cent or more of butterfat are eligible for bounty payment provided they are taken into the Equalisation pool.

The Dairying Industry Stabilisation Fund was established in July 1948 for the purpose of stabilising returns from exports. Details on the fund are given in Volume 25, No. 7 of this bulletin.

TABLE 24. - BUTTER AND CHEESE : RATES REALISED ON SALES, AVERAGE EQUALISATION

RATES AND RATES OF COMMONWEALTH SUBSIDY UNDER DAIRYING INDUSTRY ACTS

(Source : Commonwealth Dairy Produce Equalisation Committee Ltd)

(\$ per cwt)

Year	Rates realised on sales				Average equalisation rate	Rate of subsidy	Rate of over-all return to manufacturer
	Intrastate	Interstate	Manufacturing	Overseas			
BUTTER							
1962-63	48.49	46.49	31.62	32.67	41.15	6.15	47.30
1963-64	48.65	47.03	31.40	33.82	41.73	6.10	47.83
1964-65	50.08	48.18	31.63	34.08	42.25	6.09	48.33
1965-66	50.74	51.49	32.99	32.64	40.27	6.01	46.28
1966-67	(a)	(a)	(a)	(a)	(b)38.70	(b)5.66	(b)44.36
1967-68	(a)	(a)	(a)	(a)	(b)37.85	(b)5.36	(b)43.21
CHEESE							
1962-63		(c)28.39		20.28	24.22	2.33	26.56
1963-64		(c)28.54		21.13	25.51	2.36	27.87
1964-65		(c)29.32		22.11	26.00	2.23	28.23
1965-66		(c)29.92		23.14	25.98	2.36	28.34
1966-67		(a)		(a)	(b)25.98	(b)2.04	(b)28.02
1967-68		(a)		(a)	(b)23.50	(b)1.90	(b)25.40

(a) Not yet available. (b) Rates are of an interim nature and represent only payments made to date; further payments by the Commonwealth Dairy Produce Equalisation Committee Ltd are expected. (c) As cheddar.

TABLE 25. - OVERALL RETURNS AND ASSESSED FARM PRODUCTION COSTS FOR

COMMERCIAL BUTTER : AUSTRALIA

(Cents per lb)

(Source : Commonwealth Dairy Produce Equalisation Committee Ltd)

Year	Average overall returns on commercial butter		
	Rate of overall return to manufacturer	Estimated manufacturing cost	Return to dairy farmer
1962-63	42.234	4.449	37.785
1963-64	42.705	4.449	38.256
1964-65	43.154	4.449	38.705
1965-66	41.324	4.449	36.875
1966-67	39.607	4.580	35.027
1967-68	(a)38.580	4.580	34.000

(a) Rates are of an interim nature and represent only payments made to date; further payments by the Dairy Produce Equalisation Committee Ltd are expected.

Commonwealth Extension Services Grant. Prior to 1966-67 the Commonwealth Government had, for over a decade, provided monies to strengthen State extension services to primary producers. As part of these activities there had been a Commonwealth Dairy Industry Extension Grant, under which a total of \$9,600,000 had been provided up to and including 1965-66. As from 1 July 1966 the Commonwealth Government increased the total funds that it made available for extension purposes and decided that all grants, including the Dairy Industry Extension Grant, would be brought into a comprehensive arrangement in support of regional research and extension activities. (The various joint Commonwealth/Industry research funds, such as the Dairy Produce Research Trust Account, will continue independently of these arrangements.) In the amalgamated Commonwealth Extension Services Grant, extension and regional research activities of benefit to the dairy industry will be at least as great as the level formerly obtaining (\$700,000 in 1965-66).

Dairy industry research and sales promotion. At the request of the Australian Dairy Industry Council, legislation was enacted in 1958 to provide for a sales promotion campaign for butter and cheese in Australia and also for research into dairy industry problems. The legislation provided for a statutory levy to be imposed on all butter and cheese manufactured in Australia. Details of the maximum and operative rates of levy which applied under this legislation are given in Volume 27, No. 14 of this bulletin.

In 1965, in the interests of efficiency and economy, the levy on production of butter and cheese for research and sales promotion and the levy on exports of butter and cheese, which provided the Australian Dairy Produce Board with funds for overseas market development, were combined into one levy to cover all the Board's requirements.

The Butterfat Levy Act 1965-1966 provided a maximum rate of levy of 0.600 per cwt for butterfat used in the manufacture of butter, butterfat products and cheese, to be apportioned between the three primary functions of the Board in the following ratio: Overseas Marketing (2 parts), \$0.240; Local Promotion (2 parts), \$0.240; and Research (1 part), \$0.120. The operative rate of levy from 1 July 1967 was fixed at \$0.530 per cwt of butterfat, divided as follows: Overseas Marketing, \$0.210; Local Promotion, \$0.220; and Research, \$0.100.

The Commonwealth Government contributes one-half of the cost incurred on approved projects included in the programme of research, with a maximum contribution of \$1 for \$1 against funds raised by way of levy and allocated to research. The sales promotion programme is financed solely by the levy.

The scheme is administered by the Australian Dairy Produce Board which, in respect of research, is advised by a statutory committee, namely the Dairy Produce Research Committee.

K. M. ARCHER
COMMONWEALTH STATISTICIAN

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, A.C.T.

18 OCTOBER 1967

NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 63 9111 Extension 2277 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.