



Manufacturing Production Australia

Food, Drink, Tobacco Stock and Poultry Food

May 1992

Catalogue No. 8359.0

EMBARGOED UNTIL 11.30 A.M. 28 JULY 1992

MANUFACTURING PRODUCTION, AUSTRALIA
FOOD, DRINK, TOBACCO, STOCK AND POULTRY FOOD
MAY 1992

IAN CASTLES
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 8359.0

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INQUIRIES

- * for further information about statistics in this publication and the availability of related unpublished statistics, contact Vaughn Moore on Melbourne (03) 615 7635 or any ABS office.*
 - * for information about other ABS statistics and services please refer to the back page of this publication.*
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TABLE 1. PROCESSED MILK PRODUCTS AND MILK IN POWDERED FORM

Period	Unsweetened milk and cream, in liquid form		Cream, not concentrated or sweetened (022.13)	Milk based food pre- parations (e.g. health, invalid or baby preparations(a)) (098.74)	Yoghurt(b) (022.31)
	Skim milk concentrate (022.27)	Other milk and cream concentrate (022.28)			
	tonnes	tonnes	'000 litres	tonnes	tonnes
1988-89	58,178	n.a.	n.a.	n.a.	60,771
1989-90	43,449	43,465	171,276	34,375	59,424
1990-91	51,682	43,752	203,695	29,545	64,745
1991 —					
March	4,217	4,224	16,150	3,105	5,763
April	3,429	3,825	12,993	2,455	5,242
May	3,092	2,511	10,389	2,601	5,309
June	2,772	1,853	9,039	2,667	4,749
July	2,812	1,526	9,169	2,120	5,150
August	3,429	1,936	11,842	2,360	5,642
September	3,865	3,766	19,418	2,853	5,794
October	5,081	4,417	23,320	2,299	6,904
November	4,282	4,337	25,670	3,272	6,704
December	4,098	3,818	25,846	2,290	5,179
1992 —					
January	5,300	4,324	20,924	1,413	6,005
February	4,432	4,064	17,026	2,481	6,378
March	4,656	4,409	16,409	3,259	6,819
April	4,196	3,428	13,203	2,593	6,016
May	4,403	2,050	11,648	2,281	5,770
1990-91: July to May	48,910	41,899	194,656	26,878	59,995
1991-92: July to May	46,556	38,075	194,475	27,221	66,360

TABLE 1. PROCESSED MILK PRODUCTS AND MILK IN POWDERED FORM—continued
(tonnes)

Period	Milk in powdered form(c)			
	Casein(c)	Wholemilk	Skim or mixed skim and buttermilk	Buttermilk
1988-89	6,870	68,024	119,136	7,663
1989-90	5,328	56,476	135,048	8,681
1990-91	2,293	59,683	146,619	9,152
1991 —				
February	29	6,425	12,651	588
March	298	6,019	7,217	837
April	14	3,441	5,634	582
May	17	1,803	5,961	521
June	12	2,147	3,869	340
July	74	2,925	3,702	316
August	372	5,628	6,439	495
September	343	7,025	15,555	1,003
October	368	6,245	23,504	1,392
November	480	8,039	24,971	1,497
December	140	9,030	21,705	1,586
1992 —				
January	333	8,052	15,698	1,369
February	270	7,459	11,516	985
March	45	6,849	9,802	992
April	17	4,064	5,406	696
1990-91: July to Apr.	2,264	55,733	136,789	8,291
1991-92: July to Apr.	2,442	65,316	138,298	10,331

(a) Includes infants' milk powder, malted milk etc. (b) Includes flavoured yoghurt. (c) Source: Australian Dairy Corporation.

TABLE 2. ICE CREAM AND OTHER EDIBLE ICE
(⁰⁰⁰ litres)

Period	Ice cream(a)				Other frozen confections			
	Over 4 litres				Milk ices(b)			
	Up to and incl. 200mls (021.04)	Over 200mls but under 4 litres (021.05)	For home consumption (022.34)	Other (022.35)	Up to and incl. 200mls (022.36)	Over 200mls (022.37)	Water ices, fruit ices (022.39)	Milk based mixtures for soft serves and thick shakes(c) (028.82)
1988-89	28,980	79,632		100,388				
1989-90	26,851	79,449	71,921	18,900	21,161	29,246	13,585	18,972
1990-91	24,254	76,588	71,767	19,745	21,394	34,616	13,405	19,525
1991 —								
March	1,708	6,411	6,392	1,438	1,637	2,898	1,431	1,688
April	1,510	5,626	5,238	1,326	1,457	2,093	702	1,443
May	857	5,122	4,458	1,237	1,000	2,682	419	1,498
June	1,005	3,824	3,625	1,193	687	2,158	241	1,353
July	1,369	5,899	5,338	1,676	1,332	2,747	285	1,725
August	1,628	5,310	3,979	1,535	1,287	2,405	609	1,450
September	2,286	7,054	5,493	1,791	1,462	2,793	1,172	1,659
October	2,843	7,596	6,468	1,886	1,740	3,284	1,773	1,797
November	2,624	8,592	7,573	2,015	2,084	3,054	1,671	1,645
December	2,685	8,062	7,065	1,892	2,041	2,649	1,679	2,165
1992 —								
January	2,017	7,383	6,556	2,329	1,922	2,901	1,473	2,170
February	1,961	7,965	6,044	1,722	1,788	3,005	1,115	1,563
March	1,906	7,981	6,023	1,586	1,864	2,731	776	1,831
April	1,590	6,049	5,912	1,312	1,342	2,228	623	2,154
May	2,245	6,220	4,541	1,464	1,398	2,391	499	1,391
1990-91: July to May	23,249	72,764	68,143	18,552	20,708	32,458	13,164	18,173
1991-92: July to May	23,153	78,112	64,994	19,207	18,260	30,189	11,674	19,550

(a) Ice cream/aerated milk based confections containing 10 per cent or more butter fat. (b) Includes aerated milk based confections containing less than 10 per cent butter fat. (c) Powered mix is included in terms of liquid mix equivalent.

TABLE 3. BUTTER AND MARGARINE
(tonnes)

Period	Butter plus direct butteroil(a)						Margarine	
	NSW	Vic.	Qld	SA	WA	Tas.	Australia	Other (091.02)
1988-89	1,226	83,282	3,687	2,243	1,139	4,276	95,853	43,175
1989-90	1,106	90,071	4,195	2,396	1,339	5,051	104,158	44,928
1990-91	971	92,850	3,608	1,582	1,477	5,381	105,870	43,047
1991 —								
February	75	8,310	407	50	125	534	9,501	3,709
March	37	6,948	324	47	126	442	7,924	3,748
April	—	4,999	215	78	126	406	5,824	3,662
May	2	3,941	154	120	136	364	4,717	3,690
June	20	2,440	261	89	97	277	3,183	3,946
July	16	1,708	253	68	198	216	2,459	4,291
August	70	3,847	235	80	206	228	4,666	4,539
September	116	9,042	206	58	208	347	9,977	4,386
October	110	12,824	225	105	169	500	13,934	4,993
November	44	15,504	219	118	167	716	16,769	9,228
December	76	13,070	258	94	146	660	14,304	2,805
1992 —								
January	234	11,228	424	97	154	640	12,776	2,890
February	156	8,696	322	90	166	527	9,957	3,567
March	149	7,887	356	64	134	604	9,194	3,529
April	137	6,043	258	164	115	434	7,151	4,636
1990-91: July to Apr.	949	86,469	3,193	1,373	1,244	4,740	97,970	35,224
1991-92: July to Apr.	1,108	89,849	2,756	938	1,663	4,872	101,187	37,512

(a) Source: Australian Dairy Corporation

TABLE 4. CHEESE: STATES(a)
(tonnes)

Period	NSW	Vic.	Qld	SA	WA	Tas.	Australia
1988-89	14,506	114,893	14,424	24,704	3,586	18,671	190,784
1989-90	14,165	103,251	12,842	22,774	4,129	18,172	175,333
1990-91	13,330	104,515	12,397	24,522	5,258	19,413	179,432
1991 —							
February	1,046	9,120	1,064	1,447	82	1,837	14,596
March	1,029	9,355	1,019	1,674	299	1,293	14,669
April	799	7,231	958	1,496	311	1,223	12,018
May	672	3,629	812	1,535	328	620	7,596
June	817	3,544	881	1,489	506	210	7,447
July	1,181	4,576	972	2,160	545	151	9,586
August	1,131	7,690	873	2,290	675	596	13,256
September	1,239	11,877	947	2,471	691	1,618	18,844
October	1,652	14,772	804	3,037	750	2,938	23,954
November	1,338	14,328	794	2,516	527	3,018	22,520
December	1,319	12,941	1,137	1,912	348	2,896	20,552
1992 —							
January	1,541	16,015	1,167	1,927	174	2,913	23,737
February	1,131	11,700	1,092	1,258	102	1,964	17,296
March	913	9,797	1,040	829	234	1,623	14,436
April	939	8,293	895	1,739	190	1,055	13,111
1990-91: July to Apr.	11,841	97,342	10,704	21,498	4,424	18,583	164,389
1991-92: July to Apr.	12,384	111,989	9,721	20,139	4,236	18,772	177,292

(a) Source: Australian Dairy Corporation

TABLE 5. CHEESE: TYPES(a)
(tonnes)

Period	Cheddar and cheddar types(b)	Round eye(c)	Shredding(d)	Hard grating(e)	Fresh(f)	Other(g)
1988-89	121,655	9,337	21,999	5,966	18,223	13,098
1989-90	116,702	7,453	20,361	5,336	17,074	8,405
1990-91	118,389	6,526	22,209	6,248	18,923	7,134
1991 —						
February	9,379	449	2,118	725	1,498	426
March	10,245	431	1,623	289	1,639	442
April	7,612	550	1,371	210	1,951	323
May	3,687	396	1,224	291	1,669	329
June	3,883	248	1,218	270	1,453	374
July	5,598	221	1,364	526	1,489	388
August	8,172	361	1,657	664	1,457	945
September	12,784	702	2,258	629	1,883	588
October	17,083	931	2,568	720	2,165	486
November	16,265	781	2,066	1,100	1,770	538
December	14,773	683	2,160	740	1,680	516
1992 —						
January	17,088	708	2,207	1,098	1,834	803
February	11,531	475	2,185	903	1,621	533
March	8,893	507	1,835	893	1,692	615
April	8,285	564	1,524	437	1,652	649
1990-91: July to Apr.	110,819	5,882	19,767	5,687	15,801	6,431
1991-92: July to Apr.	120,472	5,933	19,824	7,710	17,243	6,061

(a) Source: Australian Dairy Corporation. (b) Includes Cheddar, Cheshire, Cheddar, Colby, Dunlop, Nimbin, Leicester, Gloucester and Stirred Curd/Granula. (c) Includes Edam, Gouda, Swiss, Sarnaoe, Fontina, Tilsit, Raclette, Emmenthal and Vaccherin. (d) Includes Goshard, Mozzarella and Pizza. (e) Includes Parmesan, Pecorino, Pepato, Romano, Sardo and other hard types. (f) Includes Cottage, Ricotta, Cream, Neufchâtel, Bakers, Mascapone and Quark. (g) Includes Blue Vein, Brie, Camembert, Feta, Havarti, Skim, Cheese Curd, Haloumy and Provolone.

TABLE 6. PREPARED OR PRESERVED VEGETABLES
(tonnes)

Period	Not pickled					Pickled					Total prepared or preserved vegetables pickled and not pickled
	Fresh vegetable salads(a) (054.30)	Frozen vegetables (054.60)	Tomato pulp, puree and paste (056.73)	Other (056.72, 87.88, 89)		Cucumber (056.81)	Gherkins (056.82)	Olives (056.83)	Onions (056.84)	Other (056.85)	
1988-89	n.a.	n.a.	n.a.	n.a.	2,492	2,392	802	2,565	2,424	n.a.	
1989-90	2,183	r 260,860	31,844	r 134,243	2,598	2,154	727	3,087	2,619	440,316	
1990-91	1,736	r 254,601	r 31,985	r 133,377	1,666	2,058	746	2,779	1,964	r 430,912	
1991 —											
March	179	r 16,890	r 9,644	r 15,055	110	154	65	253	177	r 42,527	
April	86	r 21,461	r 7,012	r 10,510	70	154	65	230	327	r 39,915	
May	71	r 26,831	1,548	r 9,170	91	115	48	225	120	38,219	
June	60	r 19,845	1,002	r 8,723	19	97	35	111	166	30,058	
July	52	r 22,087	757	r 11,169	76	75	103	119	262	34,701	
August	52	r 20,690	2,098	r 8,939	81	212	89	123	102	32,387	
September	88	r 20,692	969	r 11,260	95	441	133	371	133	34,181	
October	142	r 22,117	1,062	r 10,641	89	450	96	945	161	35,702	
November	152	r 21,173	1,444	r 11,486	57	281	75	1,516	165	36,351	
December	302	n.p.	n.p.	r 6,668	88	507	41	1,300	57	29,731	
1992 —											
January	158	20,791	980	11,113	199	163	84	236	106	33,830	
February	139	24,856	5,629	16,274	393	181	45	813	100	48,431	
March	133	27,830	8,310	20,458	421	96	84	806	111	58,249	
April	133	22,933	3,656	11,439	259	r 142	89	568	r 266	r 39,485	
May	129	22,244	n.p.	6,351	n.p.	89	44	804	138	31,279	
1990-91: July to May	1,676	n.p.	n.p.	124,654	1,647	1,962	710	2,658	1,797	400,854	
1991-92: July to May	1,481	n.p.	n.p.	125,798	n.p.	2,638	884	7,600	1,602	414,328	

(a) In plastic or similar containers.

TABLE 7. HAM AND BACON AND CANNED MEAT
(tonnes)

Period	Canned meat for human consumption(a)		Ham, bacon or other dried, salted or smoked pig meat(c)	
	Corned beef (016.83)	Mixed meat and vegetable(b) (017.74)	Bacon or ham (017.76)	Other (016.18)
1988-89	n.p.	10,496	2,663	n.a.
1989-90	3,656	10,570	n.p.	15,747
1990-91		17,380		69,555
1991 —				
March		1,517		1,820
April		1,345		1,196
May		1,521		1,310
June		1,957		1,383
July		1,348		1,377
August		1,359		1,507
September		1,796		1,488
October		1,329		2,192
November		1,366		3,326
December		1,560		4,339
1992 —				
January		524		1,495
February		1,126		1,447
March		1,508		1,825
April		1,283		1,925
May		1,364		1,337
1990-91: July to May		15,423		18,393
1991-92: July to May		14,463		22,259

(a) Stated net weight of packs. (b) Excludes pork and beans prior to July 1989. (c) Excludes canned and ham paste.

TABLE 8. FISH, CRUSTACEANS AND MOLLUSCS
(tonnes)

Period	Prepared or preserved crustaceans and molluscs (excl. oysters)									
	Prepared or preserved fish products		Crustaceans (chilled or frozen)				Molluscs and aquatic invertebrates			
			Rock lobster and crayfish		Other		Chilled, frozen, dried, salted or in brine(b)			Abalone otherwise preserved
			Shrimps and prawns	Tails			Abalone	Scallops	Other	
	Fish frozen (034.40)	Fish canned(a) (037.18)	(036.12)	(036.14)	Whole (036.13)	(036.15)	(036.34)	(036.36)	(036.38)	(037.23)
1988-89	2,314	8,649	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1989-90	4,322	7,581	7,269	2,534	5,707	118	398	859	206	1,226
1990-91	3,956	6,514	8,795	1,476	6,815	230	249	1,111	161	1,363
1991 —										
March	260	561	480	229	1,336	25	28	73	18	129
April	184	584	1,127	241	927	13	27	56	33	117
May	181	763	1,854	115	516	16	19	101	9	176
June	226	568	1,287	45	459	n.p.	4	122	5	95
July	338	519	733	n.p.	4	26	7	117	2	126
August	285	517	554	n.p.	20	1	11	200	4	113
September	159	629	763	—	7	5	5	262	4	114
October	155	409	881	23	34	21	r 14	240	23	101
November	143	607	698	164	541	20	10	221	29	72
December	97	606	376	459	1,888	18	r 16	128	41	73
1992 —										
January	148	599	57	262	741	14	r 29	80	40	70
February	139	621	114	264	968	17	25	80	51	148
March	166	789	291	281	1,655	7	16	74	31	94
April	123	704	690	292	1,347	8	24	112	36	138
May	121	492	712	164	666	8	27	182	77	190
1990-91: July to May	3,730	5,946	7,507	n.p.	6,356	n.p.	244	988	156	1,268
1991-92: July to May	1,872	6,493	5,869	n.p.	7,871	144	183	1,695	337	1,237

(a) Excludes canned pet food. (b) Shelled weight.

TABLE 9. BISCUITS AND CONFECTIONERY
(tonnes)

Period	Confectionery						
	Biscuits (excl dog biscuits)(a)		Chocolate or containing chocolate(b) (073.80)			Other (062.26)	
	Sweet(c) (048.42)	Other (048.44)	Original	Seas. adj.(d)	Trend(e)	Original	Seas. adj.(d)
1988-89	n.a.	n.a.	93,418	..	..	64,655	..
1989-90	87,803	46,071	92,666	..	..	63,890	..
1990-91	82,312	48,988	93,491	..	..	63,603	..
1991 —							
March	6,862	4,070	9,252	8,193	7,416	5,476	5,293
April	6,173	3,808	7,185	7,045	7,483	4,620	5,485
May	7,482	4,709	7,974	6,954	7,636	5,659	5,522
June	7,237	4,114	8,131	8,328	7,795	5,823	5,558
July	8,100	4,455	7,931	7,259	7,935	5,936	5,493
August	8,523	4,764	9,946	9,445	8,082	6,537	5,387
September	7,796	5,322	7,770	7,954	8,240	5,787	5,173
October	7,277	5,245	8,318	7,354	r 8,282	5,450	r 5,402
November	6,725	5,346	8,068	8,062	r 8,203	6,230	r 5,402
December	5,138	4,179	8,019	9,436	r 8,069	4,924	r 5,513
1992 —							
January	4,581	3,782	4,437	7,861	r 7,918	3,154	6,220
February	6,780	4,516	7,244	6,978	r 7,783	5,390	5,413
March	7,725	4,862	8,584	7,330	r 7,655	6,052	5,726
April	r 6,232	4,532	r 8,070	r 8,002	r 7,562	r 4,364	r 5,314
May	7,166	4,556	8,139	7,617	7,463	5,206	5,301
1990-91: July to May	75,075	44,874	85,360	..	..	57,780	..
1991-92: July to May	76,044	51,558	86,526	..	..	59,030	..

(a) Includes biscuits coated with chocolate or other confectionery. (b) All chocolate confectionery including chocolate centred items, chocolate confectionery bars and compound chocolate, but not including chocolate sold for manufacturing purposes. (c) Includes waffles, wafers and gingerbread. (d) See paragraph 5, Explanatory Notes. (e) See paragraph 6 to 8, Explanatory Notes.

TABLE 10. CEREAL PRODUCTS
(tonnes)

Period	Wheat (592.17)	Rice, husked, broken, semi- milled or wholly milled (042.40)	Wheat flour, other than self- raising (046.12)	Groats meals and pellets of wheat for human consumption (046.21)	Maize (corn) flour (047.11)	Starch (592.11.18)
1988-89	46,772	n.a.	n.a.	n.a.	n.a.	194,836
1989-90	47,342	409,868	1,230,403	124,778	n.p.	220,198
1990-91	43,927	490,011	1,227,167	135,704	n.p.	214,058
1991 —						
March	3,411	38,559	103,398	9,394	7	18,585
April	3,312	50,606	98,159	11,599	11	18,273
May	3,338	47,066	108,080	12,932	15	16,588
June	3,264	41,980	102,867	11,690	14	16,496
July	3,855	65,147	108,263	12,740	n.p.	20,373
August	3,699	51,877	102,787	12,273	14	19,842
September	3,520	47,382	101,340	12,132	n.p.	17,808
October	3,965	64,735	108,614	13,599	n.p.	19,995
November	3,369	75,242	103,978	9,930	n.p.	18,776
December	2,819	63,426	88,077	8,701	5	13,345
1992 —						
January	3,762	72,643	100,516	10,702	n.p.	17,598
February	3,767	49,293	99,454	9,877	n.p.	18,691
March	3,829	33,516	99,661	11,964	n.p.	18,139
April	4,151	68,746	102,894	12,702	n.p.	19,409
May	3,765	83,891	100,165	11,882	n.p.	18,779
1990-91: July to May	40,662	448,031	1,124,300	124,014	n.p.	197,561
1991-92: July to May	40,502	675,898	1,115,749	126,502	n.p.	202,756

TABLE 10. CEREAL PRODUCTS—continued
(tonnes)

Period	Glucose(a) and glucose syrup (061.97)	'Prepared foods' obtained by the swelling or roasting of cereals or cereal products (048.11)	Other worked cereal grains(b) for human consumption (048.16)	Mixes and doughs for the preparation of bakers' wares (048.50)	Pasta		
					Not cooked or prepared (048.30)	Cooked or stuffed (048.93)	Other (048.96)
1988-89	97,035	101,099	n.a.	n.a.	n.a.	n.a.	n.a.
1989-90	102,142	87,855	58,029	87,906	42,853	23,627	1,376
1990-91	84,720	96,049	70,467	105,385	40,586	21,911	1,701
1991 —							
March	6,757	8,482	6,606	8,770	3,944	971	141
April	5,890	7,446	7,537	7,972	3,875	1,616	161
May	6,578	9,823	8,536	9,151	4,273	2,568	162
June	5,483	8,371	7,593	9,699	3,397	2,557	172
July	5,891	8,478	6,365	9,643	3,753	2,877	180
August	6,378	7,649	4,581	8,636	4,113	2,616	179
September	6,372	8,614	6,379	10,239	4,223	2,142	165
October	6,579	7,235	5,941	9,239	3,681	1,387	157
November	6,303	9,688	5,500	9,428	3,752	1,792	150
December	5,062	6,458	6,395	8,651	3,157	1,402	148
1992 —							
January	5,611	6,777	2,806	8,534	2,695	830	158
February	6,129	8,373	4,783	9,244	3,593	1,512	236
March	6,137	10,162	6,077	9,546	3,508	891	203
April	6,036	7,438	5,725	9,821	3,179	1,159	198
May	6,187	8,691	6,463	9,959	3,719	1,617	208
1990-91: July to May	79,238	87,678	62,874	95,686	37,189	19,354	1,529
1991-92: July to May	66,684	89,563	61,015	102,940	39,373	18,225	1,983

(a) Expressed as 43 degrees Baume. Includes dextrose. (b) e.g. hulled, pearled, clipped, sliced, kibbled, rolled, flaked or further prepared.

TABLE 11. TOMATO SAUCE, JAM AND PRESERVED FRUIT

Period	Tomato sauce (098.42)	Jam(a) (058.12)	Fruit jelly, puree and paste(b) (058.11)	Fruit, otherwise prepared or preserved					Total
				Apples (058.51)	Apricots (058.52)	Peaches (058.53)	Mixed fruit(c) (058.56)	Other (058.54, 55.57)	
	'000 litres	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
1988-89	33,697	36,345	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1989-90	34,587	31,325	7,080	11,861	8,441	38,897	30,423	65,264	154,887
1990-91	34,299	30,092	6,092	10,551	8,831	30,995	32,769	73,560	156,706
1991 —									
March	2,358	2,517	664	223	—	17,506	15,431	18,033	51,193
April	1,821	2,340	426	555	n.p.	n.p.	3,176	8,618	15,118
May	3,067	2,604	285	1,919	n.p.	n.p.	16	6,230	8,166
June	2,018	3,344	21	1,124	—	—	87	3,133	4,345
July	3,000	2,657	270	1,317	—	n.p.	n.p.	1,217	2,990
August	2,217	2,917	n.p.	672	—	—	445	3,329	4,446
September	2,300	2,311	126	525	—	—	243	3,771	4,539
October	4,815	2,350	253	494	—	—	456	3,127	4,077
November	2,079	2,619	641	431	—	—	30	1,195	1,655
December	1,228	2,338	633	262	1,270	—	7	373	1,912
1992 —									
January	1,676	2,343	261	302	7,932	n.p.	n.p.	1,864	11,190
February	2,206	2,873	1,871	256	—	17,954	17,570	19,017	54,798
March	3,719	2,166	527	322	—	17,119	19,349	20,022	57,013
April	2,421	2,608	258	847	—	1,215	1,702	11,250	15,015
May	2,126	2,404	57	2,365	n.p.	—	n.p.	6,794	9,334
1990-91: July to May	32,281	26,748	n.p.	9,427	n.p.	n.p.	n.p.	70,426	152,361
1991-92: July to May	27,788	27,587	n.p.	7,994	n.p.	n.p.	n.p.	71,960	166,969

(a) Includes conserves, fruit spreads, fruit butter etc. (b) Includes apple sauce. (c) Includes fruit salad.

TABLE 12. MALT, ALE AND BEER

Period	Ale, beer and stout(a)								
	Finished malt (all kinds) (048.20)	Total				Extra light beer(d)			
		Bulk (112.33)	Canned (112.34)	Bottled (112.35)	Original	Seasonally adjusted(b)	Trend(c)	Canned (112.31)	Bottled (112.32)
	tonnes	'000 litres	'000 litres	'000 litres	'000 litres	'000 litres	'000 litres	'000 litres	'000 litres
1988-89	589,777	578,064	566,230	806,579	1,950,873	..	..	16,090	8,106
1989-90	623,823	550,428	580,681	807,941	1,939,050	..	..	10,154	4,273
1990-91	605,260	527,496	595,587	792,399	1,915,482	..	..	7,832	3,791
1991 —									
March	51,344	42,549	44,241	64,940	151,731	161,111	157,583	444	n.p.
April	45,173	42,118	44,957	56,718	143,793	144,077	156,954	n.p.	331
May	58,213	43,864	45,771	65,843	155,478	164,647	157,221	858	290
June	52,270	37,300	37,981	49,017	124,297	159,719	158,124	461	535
July	49,687	45,307	43,035	64,301	152,643	157,166	159,215	n.p.	n.p.
August	53,656	39,107	48,690	57,898	145,695	162,660	159,962	n.p.	n.p.
September	50,259	41,261	36,452	60,379	138,092	154,214	159,396	520	n.p.
October	45,843	48,867	61,881	79,145	189,893	160,358	157,399	639	242
November	52,155	41,830	63,864	85,993	191,686	161,814	r 154,850	734	n.p.
December	45,049	50,053	53,498	88,582	192,134	151,331	r 152,799	n.p.	n.p.
1992 —									
January	44,548	37,180	41,624	67,739	146,543	144,135	r 151,334	558	n.p.
February	50,571	38,186	38,230	56,600	133,016	143,818	r 150,786	n.p.	n.p.
March	39,037	43,901	46,165	72,317	162,983	159,899	r 150,889	453	367
April	43,450	42,679	44,931	62,135	149,745	155,161	r 151,207	n.p.	n.p.
May	56,506	36,120	36,727	56,204	129,051	148,669	151,703	489	n.p.
1990-91: July to May	552,990	490,196	557,606	743,383	1,791,184	..	..	n.p.	n.p.
1991-92: July to May	530,761	464,492	515,695	751,293	1,731,480	..	..	n.p.	n.p.

(a) Excludes extra light beer containing less than 1.15 per cent but more than 0.5 per cent by volume of alcohol. (b) See paragraph 5, Explanatory Notes. (c) See paragraph 6 to 8, Explanatory Notes. (d) Containing less than 1.15 per cent but more than 0.5 per cent by volume of alcohol.

TABLE 13. MINERAL WATERS AND AERATED WATERS
(*000 litres)

Period	Canned and bottled (111.05.06.07.11.12.13)						Bulk pre-mix (111.08)	Post-mix concentrates(a) (111.09)
	NSW	Vic.	Qld	WA	SA and NT	Tas.		
1988-89	468,769	391,507	286,192	n.p.	n.p.	n.p.	1,447,832	1,284
1989-90	472,441	384,536	297,295	140,679	152,330	22,232	1,469,513	1,019
1990-91	472,523	389,889	301,387	145,679	140,760	20,148	1,470,386	n.p.
1991 —								
March	49,599	48,308	33,485	15,914	14,793	1,907	164,007	17
April	37,048	22,683	28,277	9,851	9,175	1,274	108,308	49
May	24,601	20,412	19,478	10,134	7,633	1,445	83,704	25
June	24,254	20,861	20,086	5,968	7,839	1,392	80,401	n.p.
July	26,784	23,715	21,798	9,156	9,147	1,266	91,867	n.p.
August	33,552	21,687	20,136	9,231	7,656	1,133	93,394	n.p.
September	48,697	35,510	34,289	11,985	11,344	1,730	143,556	n.p.
October	43,984	41,288	35,048	13,807	14,441	1,857	150,425	n.p.
November	42,555	33,113	28,070	14,386	13,974	1,794	133,892	n.p.
December	61,252	36,451	34,870	19,011	17,425	2,474	171,484	n.p.
1992 —								
January	53,738	30,846	28,039	14,080	9,117	1,828	137,648	n.p.
February	47,037	31,460	28,468	n.p.	n.p.	1,819	134,053	n.p.
March	44,996	31,506	23,668	n.p.	n.p.	1,952	127,586	n.p.
April	44,324	20,251	18,870	n.p.	n.p.	1,479	108,224	n.p.
May	37,311	21,046	19,196	n.p.	n.p.	698	96,524	n.p.
1990-91: July to May	448,269	369,028	281,301	139,711	132,921	18,755	1,389,985	n.p.
1991-92: July to May	484,233	326,872	292,451	n.p.	n.p.	18,030	1,388,654	n.p.

(a) Production represents 'ready to drink' or 'finished beverage' litres.

TABLE 13. MINERAL WATERS AND AERATED WATERS—continued
(*000 litres)

Period	Canned(a) (111.05.11)				
	NSW	Vic.	Qld	Other States	Australia
1988-89	n.p.	n.p.	107,482	101,757	455,292
1989-90	129,155	n.p.	110,791	n.p.	457,807
1990-91	n.p.	n.p.	117,614	106,364	468,025
1991 —					
March	n.p.	n.p.	13,830	12,450	54,281
April	n.p.	n.p.	11,777	6,613	36,368
May	n.p.	n.p.	6,357	5,906	28,569
June	n.p.	n.p.	9,102	5,949	25,733
July	8,223	7,825	10,329	7,040	33,417
August	9,425	5,394	8,110	5,826	28,754
September	10,568	9,950	13,611	8,520	42,649
October	n.p.	n.p.	14,629	10,677	49,433
November	n.p.	n.p.	10,849	11,495	47,584
December	17,059	8,235	10,247	12,441	47,982
1992 —					
January	12,064	6,118	9,596	8,364	36,142
February	14,104	7,192	10,094	7,964	39,354
March	n.p.	n.p.	8,544	10,625	43,883
April	n.p.	n.p.	5,003	9,317	33,719
May	11,730	3,649	8,243	7,626	31,247
1990-91: July to May	n.p.	n.p.	108,512	100,415	442,293
1991-92: July to May	n.p.	n.p.	109,755	99,894	434,184

(a) From July 1989 to June 1990 excludes mineral waters and aerated waters not containing added sugar, sweetener or flavouring.

TABLE 13. MINERAL WATERS AND AERATED WATERS—continued
(⁰⁰⁰ litres)

Period	Bottled(a)									
	Returnable (111.06.12)					Non-returnable (111.07.13)				
	NSW	Vic.	Qld	Other States	Australia	NSW	Vic.	Qld	Other States	Australia
1988-89	n.p.	n.p.	24,189	103,139	188,648	n.p.	n.p.	154,521	96,479	803,893
1989-90	n.p.	n.p.	23,740	95,694	172,743	n.p.	n.p.	149,057	107,355	786,338
1990-91	n.p.	n.p.	18,875	86,537	160,083	323,492	240,201	164,897	113,686	842,277
1991—										
March	n.p.	n.p.	1,729	9,163	15,865	33,377	31,555	17,926	11,002	93,860
April	n.p.	n.p.	1,566	5,600	11,543	24,268	13,108	14,935	8,087	60,397
May	n.p.	n.p.	1,186	6,179	11,216	15,474	9,382	11,935	7,127	43,918
June	n.p.	n.p.	923	3,318	8,144	17,380	13,151	10,061	5,932	46,524
July	63	2,250	849	6,115	9,257	18,497	13,661	10,620	6,414	49,193
August	462	2,875	910	4,248	8,494	23,666	13,418	11,116	7,946	56,146
September	256	2,330	1,020	6,499	10,106	37,873	23,229	19,658	10,041	90,801
October	n.p.	n.p.	1,237	8,045	13,718	31,591	25,298	19,182	11,383	87,254
November	n.p.	n.p.	1,143	7,299	13,384	26,352	19,134	16,078	11,361	72,925
December	1,364	3,503	1,625	11,693	18,185	42,829	24,714	22,997	14,775	105,317
1992—										
January	1,661	3,235	1,278	8,666	14,840	40,014	21,492	17,165	7,995	86,666
February	1,519	2,928	1,198	6,503	12,148	31,415	21,339	17,176	12,622	82,551
March	n.p.	n.p.	991	6,611	12,342	28,666	18,382	14,133	10,181	71,362
April	n.p.	n.p.	1,053	6,894	12,101	31,798	19,724	12,314	8,568	62,405
May	1,286	2,309	746	4,595	8,935	24,296	15,088	10,207	6,750	56,341
1990-91: July to May	n.p.	n.p.	17,952	83,218	151,939	306,112	227,049	154,837	107,754	795,753
1991-92: July to May	n.p.	n.p.	12,050	77,167	133,510	336,798	205,481	170,646	108,037	820,962

(a) From July 1989 to June 1990 excludes mineral waters and aerated waters not containing added sugar, sweetener or flavouring.

TABLE 14. MAYONNAISE AND SALAD DRESSINGS, COFFEE, PEANUT BUTTER AND FLAVOURING ESSENCES

Period	Coffee		Peanut butter (038.42)	Industrial flavouring essences (098.88)	Mayonnaise and salad dressing (098.47)
	Roasted(a) (071.20)	Instant (071.34)			
	tonnes	tonnes	tonnes	⁰⁰⁰ litres	tonnes
1989-90	3,709	8,657	8,096	9,631	18,307
1990-91	3,306	8,515	8,860	8,786	20,734
1989—					
September qtr	993	2,204	2,003	2,381	5,351
December qtr	948	2,134	2,118	2,906	6,901
1990—					
March qtr	829	1,973	1,952	2,367	3,654
June qtr	939	2,346	2,022	1,977	n.p.
September qtr	790	2,259	2,665	2,224	6,227
December qtr	771	2,144	1,897	2,058	7,597
1991—					
March qtr	833	1,880	1,897	2,348	4,100
June qtr	912	2,232	2,402	2,155	2,810
September qtr	813	n.p.	2,616	2,350	6,842
December qtr	773	2,298	2,560	2,506	6,539
1992—					
March qtr	741	1,705	1,818	2,475	2,966
1990-91: July to Mar.	2,394	6,283	6,459	6,630	17,924
1991-92: July to Mar.	2,327	n.p.	6,994	7,332	16,347

(a) Whether or not decaffeinated or ground.

TABLE 15. CORDIALS AND SYRUPS, SINGLE STRENGTH FRUIT JUICES AND OTHER DRINKS ('000 litres)

Period	Non-aerated drinks(d)						Fruit juice cordials and syrups(f) (098.79)	Other cordials and syrups (098.81)
	Wine mixed drinks(a) (112.19)	Fruit juices, unfermented and not containing added spirit (single strength)(b) Citrus(c) (059.40)	Apple (059.61)	Containing at least 25 per cent by volume of pure fruit or vegetable juice	Containing less than 25 per cent by volume of pure fruit or vegetable juice	Fruit juice cordials and syrups(e) (111.19)		
				(111.18)	(111.19)			
1988-89	13,977	130,539	52,222	n.a.	n.a.	117,810	24,609	
1989-90	12,512	171,967	50,478	129,343	n.p.	144,420	29,539	
1990-91	10,123	127,786	56,095	134,273	n.p.	148,953	31,128	
1991 —								
March	622	6,898	5,158	11,114	n.p.	13,475	2,731	
April	626	5,830	8,244	9,221	n.p.	11,481	2,378	
May	374	6,739	8,780	10,681	n.p.	11,312	1,402	
June	160	7,439	5,187	8,881	n.p.	9,353	2,015	
July	539	9,283	2,929	10,733	n.p.	5,860	1,872	
August	443	11,533	3,013	10,983	n.p.	6,383	1,795	
September	1,181	10,190	1,738	12,015	n.p.	10,548	2,473	
October	1,115	8,132	1,696	15,479	n.p.	11,315	2,539	
November	1,278	11,383	1,192	14,962	n.p.	12,869	2,820	
December	2,130	13,566	1,448	14,429	n.p.	10,339	2,389	
1992 —								
January	946	19,866	935	13,448	n.p.	9,518	2,415	
February	543	11,469	2,122	13,210	n.p.	11,448	2,408	
March	393	7,476	2,261	13,831	n.p.	7,722	2,081	
April	513	4,853	10,562	11,358	n.p.	5,733	1,680	
May	699	4,501	10,483	9,445	n.p.	6,303	2,119	
1990-91: July to May	9,963	120,347	50,908	125,392	n.p.	139,600	29,113	
1991-92: July to May	9,780	112,253	41,379	139,894	n.p.	98,638	24,591	

(a) Containing more than 0.5 per cent by volume of alcohol, commonly known as 'coolers'. (b) Includes fruit juice used for concentrating and for making other products such as fruit drinks, soft drinks, etc. (c) Includes mixtures of citrus fruit prior to July 1989. (d) Excludes fruit and vegetable juices, mineral waters and flavoured whole milk drinks. (e) Includes drinks with no fruit or vegetable juice content. (f) Contains at least 25 per cent by volume of pure fruit juice.

TABLE 16. STOCK AND POULTRY FOOD (tonnes)

Period	Bran (from wheat) (081.21)	Groats and meals and pellets of wheat or rye (046.22)	Sharps and other residues of wheat or rye (b) (081.27)	Prepared stock and poultry feeds(a)				
				Poultry pellets and crumbles (081.91)	Poultry mash (081.92)	Pig feed (081.93)	Cattle (incl. dairy) feed (081.96)	Other (081.97)
1988-89	95,794	n.a.	n.a.	1,606,005	115,850	682,854	321,021	335,683
1989-90	85,183	n.p.	381,091	1,675,024	117,375	743,418	403,040	284,021
1990-91	73,504	n.p.	386,846	1,648,085	114,950	649,155	407,966	233,207
1991 —								
March	6,027	5,524	31,723	136,181	9,777	54,996	30,299	17,233
April	6,453	3,695	31,845	135,938	8,908	50,412	32,297	20,467
May	6,792	n.p.	34,745	137,640	9,027	54,255	42,052	31,045
June	5,867	n.p.	34,638	137,846	9,434	56,808	42,084	16,230
July	6,760	5,688	37,387	148,278	9,551	55,448	45,032	21,451
August	6,046	4,888	33,765	136,134	9,297	51,431	48,246	20,075
September	5,908	5,887	33,192	131,954	9,011	53,568	50,814	21,804
October	5,806	6,526	35,504	152,140	9,111	52,749	52,917	23,139
November	7,792	6,547	32,298	139,287	8,713	49,714	43,996	19,126
December	5,659	6,376	28,602	126,463	8,374	48,584	39,497	20,035
1992 —								
January	4,749	5,463	34,305	149,610	8,484	52,887	33,067	18,631
February	6,997	4,323	30,717	132,733	8,119	50,501	27,904	18,090
March	7,044	3,529	31,589	129,948	8,371	54,187	29,104	18,390
April	8,366	3,495	31,758	149,543	9,496	55,196	33,092	26,107
May	9,438	2,860	30,119	134,972	9,087	53,656	33,084	19,819
1992 : May								
New South Wales	4,383	1,050	13,183	53,621	3,093	20,632	9,438	4,892
Victoria	n.p.	—	5,536	36,548	—	11,201	5,135	n.p.
Other States	n.p.	1,810	11,400	44,803	5,994	21,802	18,511	n.p.
1990-91: July to May	67,637	n.p.	352,208	1,510,239	105,516	592,347	365,882	216,977
1991-92: July to May	74,565	55,582	359,236	1,531,062	97,614	577,921	436,753	226,667

(a) Includes concentrated feeds. Excludes straight mixtures of cereals and mixed crushed grain. (b) Includes wheat pollard, crushed wheat, and rye off.

TABLE 17. TALLOW, MEALS AND SUNFLOWER SEED OIL
(tonnes)

(tonnes)

Period	Tallow (incl. dripping)			Meals, flours and pellets, of meat or meat offal(a) (081.40)	Oil-cake and other solid residues resulting from the extraction of oils and fats		Sunflower seed oil and its fractions not chemically modified	
	Rendered				Soya bean (081.31)	Sunflower (081.35)	Crude oil (421.52)	Refined (421.53)
	Edible (411.42)	Inedible (411.43)	Refined (411.38)					
1988-89	77,831	298,512	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1989-90	70,880	376,479	99,391	466,871	101,097	79,363	62,634	36,904
1990-91	77,792	372,214	96,412	479,556	105,331	54,620	54,088	35,124
1991 —								
March	6,682	30,652	8,822	39,576	4,918	6,329	6,899	3,188
April	6,119	29,394	7,600	39,817	5,952	7,368	5,789	2,756
May	5,021	34,212	7,704	45,330	10,430	7,362	5,239	3,404
June	5,921	28,105	8,484	37,689	9,147	6,464	4,911	2,863
July	5,943	29,900	8,675	40,138	8,039	5,857	7,600	4,291
August	4,587	28,550	6,713	37,408	5,946	8,395	7,505	4,782
September	4,988	30,624	6,813	39,180	5,467	5,164	5,161	3,927
October	6,324	34,781	8,543	43,753	9,257	5,420	4,837	3,979
November	5,620	33,253	7,270	41,456	4,897	n.p.	4,813	2,963
December	5,836	28,249	5,538	36,768	5,898	4,222	4,015	2,422
1992 —								
January	6,239	25,148	6,185	33,999	3,484	3,450	3,535	3,250
February	5,808	31,395	8,015	40,479	5,117	2,020	3,240	3,283
March	6,977	33,253	7,287	44,333	6,449	2,381	3,650	3,771
April	6,432	34,161	8,347	42,647	3,285	4,112	3,786	r 4,291
May	5,513	31,194	7,124	40,049	7,539	6,379	6,942	4,842
1990-91: July to May	71,871	344,108	87,928	441,867	96,184	n.p.	49,177	32,261
1991-92: July to May	64,267	340,508	80,511	440,210	65,351	n.p.	55,084	41,801

(a) Includes production of all meals whether sold separately or combined in prepared stock and poultry food. Includes liver meal, poultry offal meal, fish meal and whale meal. Excludes blood meal.

TABLE 18. CIGARETTES AND TOBACCO(a)
(tonnes)

Period	Original	Seasonally adjusted(b)	Trend(c)
1988-89	27,158	..	..
1989-90	27,318	..	..
1990-91	26,833	..	..
1991 —			
March	2,628	2,439	2,230
April	2,064	2,094	2,189
May	2,635	2,144	2,141
June	1,995	2,024	2,104
July	2,105	1,896	2,082
August	2,427	2,252	2,092
September	2,216	2,418	2,126
October	1,854	1,767	2,175
November	2,547	2,291	r 2,204
December	1,759	2,079	r 2,197
1992 —			
January	1,311	2,512	r 2,150
February	2,175	2,078	r 2,081
March	2,291	1,981	r 1,998
April	1,490	1,545	r 1,919
May	2,255	2,014	1,825
1990-91: July to May	24,838	..	..
1991-92: July to May	22,430	..	..

(a) Sources: Australian Tobacco Marketing Advisory Committee. (b) See paragraph 5, Explanatory Notes. (c) See paragraph 6 to 8, Explanatory Notes.

EXPLANATORY NOTES

Introduction

This publication is one of a series of ten containing monthly and quarterly production statistics. The titles of the other publications of this series are shown in paragraph 9.

Classification

2. Data contained in these publications are mostly based on monthly or quarterly collections conducted by the Australian Bureau of Statistics (ABS). Most items are identified by the commodity codes used in the Australian Standard Commodity Classification (ASCC), which was developed by the ABS to facilitate greater comparability of manufacturing production commodity statistics with import and export commodity statistics. In cases where data are derived from sources other than ABS collections no commodity code is shown and the source of the data is acknowledged in a footnote.

Scope and coverage

3. Manufacturing commodity statistics collected by the ABS exclude details relating to single establishment manufacturing enterprises with fewer than four persons employed and production of establishments predominantly engaged in non-manufacturing activities but which may carry on, in a minor way, some manufacturing. However, except for a few commodities, the effect on production levels and movements is marginal.

4. Annual figures shown in this publication are derived by aggregating monthly/quarterly production and relate to production during the year ended 30 June. They may differ from annual manufacturing census data which relate to the census year and, in the case of businesses unable to report on a June year basis, include details in respect of substitute accounting periods.

Seasonal adjustment and trend estimates

5. This publication contains seasonally adjusted statistics of several items. In the seasonal adjustment account has been taken not only of normal seasonal factors but also, where appropriate, of 'working-day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the month) and the influence of Easter and Australia Day which may, in successive years, affect figures for different months. However, care should be exercised in interpreting the figures for those months in which Christmas/New Year and Easter holidays fall as some manufacturers vary holiday shutdowns in the light of prevailing demand for their products. Details of the methods used in seasonally adjusting these and other series are available on request.

6. The smoothing of seasonally adjusted series to create trend estimates is a means of reducing the impact of the irregular component of the series. The trend estimates have been derived by applying a 13-term Henderson weighted moving average to the seasonally adjusted series.

7. While this smoothing technique enables estimates of trend to be produced for the latest month, it does result in revisions to the estimates for the most recent months as data for subsequent months become available. Generally subsequent revisions become smaller and after 3 months have little impact on the series. There will also be revisions as a result of revisions to the original estimates and annual reviews of seasonal and 'working day' factors.

8. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series — Estimates of 'Trend'* (1316.0) and *Time Series Decomposition — An Overview* (1317.0) for more detailed information on smoothing of seasonally adjusted time series data.

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9. Other ABS publications which may be of interest are:

Manufacturing Production, Australia, Preliminary (8301.0) — issued monthly

Manufacturing Production, Australia, Household Appliances and Electrical Equipment (8357.0) — issued monthly

Manufacturing Production, Australia, Clothing and Footwear (8358.0) — issued monthly

Manufacturing Production, Australia, Fibres, Yarns, Fabrics, Bedding and Floor Coverings (8360.0) — issued monthly

Manufacturing Production, Australia, Building Materials and Fittings (8361.0) — issued monthly

Manufacturing Production, Australia, Plastics, Rubber, Paints, Detergents and Industrial Chemicals (8362.0) — issued monthly

Manufacturing Production, Australia, Transport Equipment (8363.0) — issued monthly

Manufacturing Production, Australia, Metal Products (8367.0) — issued monthly

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Manufacturing Commodities : Principal Articles Produced, Australia 1986-87 (8303.0)

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

n.y.a.	not yet available
n.p.	not available for separate publication (but included in totals where applicable)
n.a.	not available
..	not applicable
r	revised since last issue
—	nil or rounded to zero
—	break in continuity of series (where a line is shown between consecutive figures in the same column)



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2083590005929

ISSN 1036-0611



Manufacturing Production Australia

Food, Drink, Tobacco Stock and Poultry Food

June 1992

Catalogue No. 8359.0

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MANUFACTURING PRODUCTION, AUSTRALIA
FOOD, DRINK, TOBACCO, STOCK AND POULTRY FOOD
JUNE 1992

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INQUIRIES

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- *for further information about statistics in this publication and the availability of related unpublished statistics, contact Vaughn Moore on Melbourne (03) 615 7635 or any ABS office.*
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-

TABLE 1. PROCESSED MILK PRODUCTS AND MILK IN POWDERED FORM

Period	Unsweetened milk and cream, in liquid form		Cream, not concentrated or sweetened (022.13)	Milk based food pre- parations (e.g. health, invalid or baby preparations)(a) (098.74)	Yoghurt(b) (022.31)
	Skim milk concentrate (022.27)	Other milk and cream concentrate (022.28)			
	tonnes	tonnes	'000 litres	tonnes	tonnes
1989-90	43,449	43,465	171,276	34,375	59,424
1990-91	51,682	43,752	203,695	29,545	64,745
1991-92	49,897	39,563	205,657	29,808	72,055
1991 —					
April	3,429	3,825	12,993	2,455	5,242
May	3,092	2,511	10,389	2,601	5,309
June	2,772	1,853	9,039	2,667	4,749
July	2,812	1,526	9,169	2,120	5,150
August	3,429	1,936	11,842	2,360	5,642
September	3,865	3,766	19,418	2,853	5,704
October	5,081	4,417	23,320	2,299	6,904
November	4,282	r 4,335	r 25,671	3,272	6,704
December	4,098	3,818	25,846	2,290	5,179
1992 —		r	r		
January	5,300	4,317	20,930	1,413	6,005
February	4,432	4,056	17,034	2,481	6,378
March	4,656	4,403	16,415	2,259	6,819
April	4,196	3,422	13,208	2,593	6,016
May	4,403	2,043	11,655	2,281	r 5,764
June	3,341	1,524	11,147	2,587	5,700

TABLE 1. PROCESSED MILK PRODUCTS AND MILK IN POWDERED FORM—continued
(tonnes)

Period	Milk in powdered form(c)			
	Casein(c)	Wholermilk	Skim or mixed skim and buttermilk	Buttermilk
1989-90	5,328	56,476	135,048	8,681
1990-91	2,293	59,683	146,619	9,152
1991-92	2,575	69,351	148,561	11,230
1991 —				
April	14	3,441	5,634	582
May	17	1,803	5,961	521
June	12	2,147	3,869	340
July	74	2,925	3,702	r 317
August	372	5,628	r 6,440	495
September	r 342	7,025	15,555	1,003
October	368	6,245	r 23,503	1,392
November	r 475	8,039	r 24,948	1,497
December	140	r 9,029	r 21,738	r 1,583
1992 —				
January	333	8,052	15,693	r 1,378
February	270	7,459	r 11,515	985
March	r 63	r 6,850	r 9,817	r 993
April	r 44	4,064	r 5,462	r 695
May	37	1,877	4,800	493
June	57	2,158	5,383	399

(a) Includes infants' milk powder, malted milk etc. (b) Includes flavoured yoghurt. (c) Source: Australian Dairy Corporation.

TABLE 2. ICE CREAM AND OTHER EDIBLE ICE
(⁰⁰⁰ litres)

Period	Ice cream(a)				Other frozen confections			
	Up to 200mls and incl. 4 litres (021.04)	Over 200mls but under 4 litres (021.05)	Over 4 litres		Milk ices(b)		Water ices, fruit ices, (022.39)	Milk based mixtures for soft serves and thick shakes(c) (098.82)
			For home consump- tion (022.34)	Other (022.35)	Up to and incl. 200mls (022.36)	Over 200mls (022.37)		
1989-90	26,851	79,449	71,921	18,900	21,161	29,246	13,585	18,972
1990-91	24,254	76,588	71,767	19,745	21,394	34,616	13,405	19,525
1991-92	24,117	81,963	68,384	20,386	19,156	31,757	11,940	20,914
1991 —								
April	1,510	5,626	5,238	1,326	1,457	2,093	702	1,443
May	857	5,122	4,458	1,237	1,000	2,682	419	1,498
June	1,005	3,824	3,625	1,193	687	2,158	241	1,353
July	1,369	5,899	5,338	1,676	1,332	2,747	285	1,725
August	1,628	5,310	3,979	1,535	1,287	2,405	609	1,450
September	2,286	7,054	5,493	1,791	1,462	2,793	1,172	1,659
October	2,843	7,596	6,468	1,886	1,740	3,284	1,773	1,797
November	2,624	8,592	7,573	2,015	2,084	3,054	1,671	1,645
December	2,685	8,062	7,065	1,892	2,041	2,649	1,679	2,165
1992 —								
January	2,017	7,383	6,556	2,329	1,922	2,901	1,473	2,170
February	1,961	7,965	6,044	1,722	1,788	3,005	1,115	1,563
March	1,906	7,981	6,023	1,586	1,864	2,731	776	1,811
April	1,590	6,049	5,912	1,312	1,342	2,228	623	2,154
May	2,245	6,220	4,541	1,464	1,398	2,391	499	1,391
June	964	3,851	3,391	1,179	896	1,569	266	1,365

(a) Ice cream/aerated milk based confections containing 10 per cent or more butter fat. (b) Includes aerated milk based confections containing less than 10 per cent butter fat. (c) Powdered mix is included in terms of liquid mix equivalent.

TABLE 3. BUTTER AND MARGARINE
(tonnes)

Period	Butter plus direct butteroil(a)					Margarine		
	NSW	Vic.	Qld	SA	WA	Tas.	Australia	Table (091.02) Other (091.03)
1989-90	1,106	90,071	4,195	2,396	1,339	5,051	104,158	112,533
1990-91	971	92,850	3,608	1,582	1,477	5,381	105,870	119,123
1991-92	1,313	97,198	3,342	1,248	1,989	5,589	110,680	116,726
1991 —								
April	—	4,999	215	78	126	406	5,824	9,273
May	2	3,941	154	120	136	364	4,717	9,690
June	20	2,440	261	89	97	277	3,183	11,191
July	16	1,708	253	68	198	216	2,459	12,940
August	70	r 3,846	235	80	206	228	r 4,665	10,474
September	116	9,042	206	58	208	347	9,977	11,205
October	110	r 12,739	r 222	105	169	500	r 13,846	11,369
November	44	r 14,306	r 227	118	167	716	r 15,579	9,228
December	76	r 12,701	r 264	94	r 135	660	r 13,931	7,040
1992 —								
January	234	11,228	419	97	154	640	12,771	7,463
February	156	8,696	293	90	166	527	9,927	9,935
March	149	7,887	336	64	r 142	604	9,183	9,287
April	137	r 6,045	249	164	r 148	434	7,176	9,016
May	80	4,556	221	163	133	418	5,571	9,680
June	125	4,444	417	147	163	299	5,595	9,087

(a) Source: Australian Dairy Corporation

TABLE 4. CHEESE: STATES(a)
(tonnes)

Period	NSW	Vic.	Qld	SA	WA	Tas.	Australia
1989-90	14,165	103,251	12,842	22,774	4,129	18,172	175,333
1990-91	13,330	104,515	12,397	24,522	5,258	19,413	179,432
1991-92	14,180	123,038	11,327	23,494	5,380	20,021	197,440
1991 —		r	r				r
April	799	7,231	958	1,496	311	1,223	12,018
May	672	3,629	812	1,535	328	620	7,596
June	817	3,544	881	1,489	506	210	7,447
July	1,181	4,586	970	2,160	545	151	9,593
August	1,131	7,701	862	2,290	675	596	13,255
September	1,239	12,093	953	2,471	691	1,618	19,065
October	1,652	15,059	814	3,037	750	2,938	24,250
November	1,338	14,778	804	2,516	527	3,018	22,981
December	1,319	13,141	1,146	1,912	r 347	2,896	20,761
1992 —		r	r				r
January	1,542	16,015	1,177	1,927	r 186	r 2,927	23,774
February	1,174	r 11,762	1,051	1,258	102	r 2,029	17,376
March	954	r 9,859	994	829	234	1,623	14,493
April	901	r 8,188	879	r 1,453	r 270	r 1,065	12,756
May	856	5,784	847	1,779	457	904	10,627
June	893	4,072	830	1,862	596	256	8,509

(a) Source: Australian Dairy Corporation

TABLE 5. CHEESE: TYPES(a)
(tonnes)

Period	Cheddar and cheddar types(b)	Round eye(c)	Shredding(d)	Hard grating(e)	Fresh(f)	Other(g)
1989-90	116,702	7,453	20,361	5,336	17,074	8,405
1990-91	118,389	6,526	22,209	6,248	18,923	7,134
1991-92	130,035	6,548	26,089	8,389	20,003	6,380
1991 —		r	r	r		r
April	7,612	550	1,371	210	1,951	323
May	3,687	396	1,224	291	1,669	329
June	3,883	248	1,218	270	1,453	374
July	5,598	217	1,374	525	1,489	391
August	8,172	351	1,669	663	1,457	944
September	12,784	707	2,474	626	1,883	591
October	17,083	971	2,764	803	r 2,196	433
November	16,265	822	2,594	1,045	r 1,824	430
December	14,773	674	2,489	731	r 1,642	451
1992 —		r	r	r		r
January	17,102	693	2,529	1,199	1,742	509
February	11,582	515	2,282	836	1,640	522
March	8,882	547	1,950	922	1,567	625
April	7,984	410	1,575	400	1,654	734
May	5,659	318	2,460	242	1,635	313
June	4,151	323	1,929	397	1,274	437

(a) Source: Australian Dairy Corporation. (b) Includes Cheddar, Cheshire, Cheddar, Colby, Dunlop, Nimbin, Leicester, Gloucester and Sturied Curd/Granula. (c) Includes Edam, Gouda, Swiss, Samsøe, Fontina, Tilsit, Raclette, Emmenthal and Vaccherin. (d) Includes Goshred, Mozzarella and Pizza. (e) Includes Parmesan, Pecorino, Pepato, Romano, Sardo and other hard types. (f) Includes Cottage, Ricotta, Cream, Neufchâtel, Bakers, Mascarpone and Quark. (g) Includes Blue Vein, Brie, Camembert, Feta, Havarti, Skim, Cheese Curd, Haloumy and Provolone.

TABLE 6. PREPARED OR PRESERVED VEGETABLES
(tonnes)

Period	Not pickled					Pickled					Total prepared or preserved vegetables pickled and not pickled
	Fresh vegetable salads(a)	Frozen vegetable tables	Tomato pulp, puree and paste	Other	Cucumber	Gherkins	Olives	Onions	Other		
	(054.30)	(054.60)	(056.73)	(056.72)	(056.81)	(056.82)	(056.83)	(056.84)	(056.85)		
1989-90	2,183	r 260,470	31,844	r 134,633	2,598	2,154	727	3,087	2,619	440,316	
1990-91	1,736	254,601	31,985	r 133,377	1,666	2,058	746	2,779	1,964	430,912	
1991-92	1,538	273,391	27,807	133,138	1,687	2,800	943	7,786	1,768	450,858	
1991 —											
April	86	21,461	7,012	10,510	70	154	65	230	327	39,915	
May	71	26,831	1,548	9,170	91	115	48	225	120	38,219	
June	60	19,845	1,002	8,723	19	97	35	111	166	30,058	
July	52	22,087	757	11,169	76	75	103	119	262	34,701	
August	52	20,690	2,098	8,939	81	212	89	123	102	32,387	
September	88	20,692	969	11,260	95	441	133	371	133	34,181	
October	142	22,117	1,062	10,641	89	450	96	945	161	35,702	
November	152	21,173	1,444	11,486	57	281	75	1,516	165	36,351	
December	302	n.p.	n.p.	6,668	88	507	41	1,300	57	29,731	
1992 —											
January	158	20,791	980	11,113	199	163	84	236	106	33,830	
February	139	24,856	5,629	16,274	393	181	45	813	100	48,431	
March	133	27,830	8,310	20,458	421	96	84	806	111	58,249	
April	133	22,933	3,656	11,439	r 145	142	89	568	r 283	r 39,387	
May	r 105	22,244	n.p.	6,351	n.p.	r 107	44	r 796	r 137	r 31,143	
June	81	n.p.	1,208	7,340	n.p.	145	60	194	151	36,764	

(a) In plastic or similar containers.

TABLE 7. HAM AND BACON AND CANNED MEAT
(tonnes)

Period	Canned meat for human consumption(a)		Ham, bacon or other dried, salted or smoked pig meat(b)		
	Corned beef (016.83)	Mixed meat and vegetable tables (017.74)	Bacon or ham (017.76)	Ham, shoulders and cuts thereof with bone in (016.11)	Other (016.18)
	(016.83)	(017.74)	(017.76)	(016.11)	(016.18)
1989-90	3,656	10,570	n.p.	15,747	74,368
1990-91		17,380		19,776	69,555
1991-92		16,113		23,682	68,287
1991 —					
April		1,345		1,196	5,049
May		1,521		1,310	5,825
June		1,957		1,383	5,281
July		1,348		1,377	5,602
August		1,359		1,507	5,711
September		1,796		1,488	5,471
October		1,329		2,192	6,148
November		1,266		3,326	6,434
December		1,560		4,339	5,604
1992 —					
January		524		1,495	4,772
February		1,126		1,447	5,623
March		1,508		1,825	5,799
April		1,283		1,925	5,693
May		r 1,362		r 1,332	r 5,790
June		1,651		1,429	5,639

(a) Stated net weight of packs. (b) Excludes canned and ham paste.

TABLE 8. FISH, CRUSTACEANS AND MOLLUSCS
(tonnes)

Period	Prepared or preserved crustaceans and molluscs (excl. oysters)									
	Prepared or preserved fish products		Crustaceans (chilled or frozen)			Molluscs and aquatic invertebrates				
	Fish fillets frozen (034.40)	Fish canned(a) (037.18)	Shrimps and prawns (036.12)	Rock lobster and crayfish		Chilled, frozen, dried, salted or in brine(b)			Other (036.38)	Abalone otherwise preserved (037.23)
				Tails (036.14)	Whole (036.13)	Other (036.15)	Abalone (036.34)	Scallops (036.36)		
1989-90	4,322	7,581	7,269	2,534	r 5,701	118	398	859	206	1,226
1990-91	3,956	6,514	8,795	1,476	r 6,776	230	249	1,111	161	1,363
1991-92	2,027	7,022	6,581	1,998	8,256	148	207	1,931	398	1,206
1991 —					r					
April	184	584	1,127	241	918	13	27	56	33	117
May	181	763	1,854	115	510	16	19	101	9	176
June	226	568	1,287	45	454	n.p.	4	122	5	95
July	338	519	733	n.p.	4	26	7	117	2	126
August	285	517	554	n.p.	19	1	11	200	4	113
September	159	629	763	—	7	5	5	262	4	114
October	155	409	881	23	34	21	14	240	23	101
November	143	607	698	164	531	20	10	221	29	72
December	97	606	376	459	18	18	16	128	41	73
1992 —				r	r					
January	148	599	57	263	728	14	29	80	40	70
February	139	621	114	265	966	17	25	80	51	148
March	166	789	291	281	1,649	7	16	74	31	94
April	123	704	690	291	1,333	8	24	112	36	138
May	121	492	r 737	160	651	8	r 28	182	77	r 107
June	155	529	687	90	456	4	23	236	61	51

(a) Excludes canned pet food. (b) Shelled weight.

TABLE 9. BISCUITS AND CONFECTIONERY
(tonnes)

Period	Biscuits (excl. dog biscuits)(a)		Confectionery					
	Sweet(c) (048.42)	Other (048.44)	Chocolate or containing chocolate(b) (073.80)			Other (062.26)		
			Original	Seas. adj.(d)	Trend(e)	Original	Seas. adj.(d)	Trend(e)
1989-90	87,803	46,071	92,666	..	..	63,890	..	..
1990-91	82,312	48,988	93,491	..	..	63,603	..	..
1991-92	83,155	55,897	94,596	..	..	65,265	..	..
1991 —				r	r		r	r
April	6,173	3,808	7,185	6,961	7,509	4,620	5,515	5,425
May	7,482	4,709	7,974	6,949	7,657	5,659	5,405	5,523
June	7,237	4,114	8,151	8,299	7,808	5,823	5,708	5,553
July	8,100	4,455	7,931	7,429	7,940	5,936	5,385	5,488
August	8,523	4,764	9,946	9,348	8,072	6,537	5,889	5,389
September	7,796	5,322	r 7,785	7,904	8,206	r 5,845	5,301	5,319
October	7,277	5,245	r 8,322	7,922	8,226	r 5,504	4,470	5,333
November	6,725	5,346	r 8,075	7,970	8,143	r 6,282	5,466	5,432
December	5,138	4,179	r 8,024	9,247	8,022	r 4,973	5,715	5,567
1992 —				r	r		r	r
January	4,581	3,782	4,439	7,814	7,898	3,174	6,266	5,676
February	6,780	4,516	7,258	7,169	7,790	5,439	5,518	5,704
March	7,725	4,862	8,602	7,443	7,695	6,106	5,710	5,639
April	6,232	4,545	8,079	7,911	7,632	4,402	5,397	5,529
May	7,166	r 4,552	8,163	7,640	7,614	5,262	5,192	5,420
June	7,112	4,343	7,970	7,829	7,599	5,807	5,514	5,333

(a) Includes biscuits coated with chocolate or other confectionery. (b) All chocolate confectionery including chocolate centred items, chocolate confectionery bar and compound chocolate, but not including chocolate sold for manufacturing purposes. (c) Includes waffles, wafers and gingerbread. (d) See paragraph 5, Explanatory Notes. (e) See paragraph 6 to 8, Explanatory Notes.

TABLE 10. CEREAL PRODUCTS
(tonnes)

Period	Wheat gluten (592.17)	Rice, husked, broken, semi- milled or wholly milled (042.40)	Wheat flour, other than self- raising (046.12)	Groats meals and pellets of wheat for human consumption (046.21)	Maize (corn) flour (047.11)	Starch (592.11,18)
1989-90	47,342	409,868	1,230,403	124,778	n.p.	220,198
1990-91	43,927	490,011	1,227,167	135,704	n.p.	214,058
1991-92	44,410	763,457	1,213,806	138,585	n.p.	221,994
1991 —						
April	3,312	50,606	98,159	11,599	11	18,273
May	3,338	47,066	108,080	12,932	15	16,588
June	3,264	41,980	102,867	11,690	14	16,496
July	3,855	65,147	108,263	12,740	n.p.	20,373
August	3,699	51,877	102,787	12,273	14	19,842
September	3,520	47,382	101,340	12,132	n.p.	17,808
October	3,965	64,735	108,614	13,599	n.p.	19,995
November	3,369	75,242	103,978	9,930	n.p.	18,776
December	2,819	63,426	88,077	8,701	5	13,345
1992 —						
January	3,762	72,643	100,516	10,702	n.p.	17,598
February	3,767	49,293	99,454	9,876	n.p.	18,691
March	3,829	33,516	99,661	11,964	n.p.	18,139
April	4,151	68,746	102,894	12,702	n.p.	19,409
May	3,765	83,891	100,165	11,882	n.p.	18,779
June	3,908	87,559	98,057	12,084	n.p.	19,238

TABLE 10. CEREAL PRODUCTS—continued
(tonnes)

Period	Glucose(a) and glucose syrup (061.97)	'Prepared foods' obtained by the swelling or roasting of cereals or cereal products (048.11)	Other worked cereal grains(b) for human consumption (048.16)	Mixes and doughs for the preparation of bakers' wares (048.30)	Pasta		
					Not cooked or prepared (048.30)	Cooked or stuffed	
						Canned (098.95)	Other (098.96)
1989-90	102,142	87,855	58,029	87,906	42,853	23,627	1,376
1990-91	84,720	96,049	70,467	105,343	40,586	21,911	1,701
1991-92	72,377	97,868	67,166	112,432	42,780	19,610	2,197
1991 —							
April	5,890	7,446	7,537	7,966	3,875	1,616	161
May	6,578	9,823	8,536	9,142	4,273	2,568	162
June	5,483	8,371	7,593	9,693	3,397	2,557	172
July	5,891	8,478	6,365	9,631	3,753	2,877	180
August	6,378	7,649	4,581	8,628	4,113	2,616	179
September	6,372	8,614	6,379	10,233	4,223	2,142	165
October	6,579	7,235	5,941	9,235	3,681	1,387	157
November	6,303	9,688	5,500	9,425	3,752	1,792	150
December	5,062	6,458	6,395	8,646	3,157	1,402	148
1992 —							
January	5,611	6,777	2,806	8,530	2,695	830	158
February	6,129	8,373	4,783	9,242	3,593	1,512	236
March	6,137	10,162	6,077	9,542	3,508	891	203
April	6,036	7,438	5,725	9,815	3,179	1,159	198
May	6,187	8,691	6,463	9,952	3,719	1,617	208
June	5,692	8,304	6,151	9,551	3,407	1,385	215

(a) Expressed as 43 degrees Baume. Includes dextrose. (b) e.g. hulled, pearled, clipped, sliced, kibbled, milled, flaked or further prepared.

TABLE 11. TOMATO SAUCE, JAM AND PRESERVED FRUIT

Period	Tomato sauce (008 42)	Jam(a) (058 12)	Fruit jelly, puree and paste(b) (058 11)	Apples (058 51)	Apricots (058 52)	Peaches (058 53)	Mixed fruit(c) (058 56)	Other (058 54, 55,57)	Total
	'000 litres	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
1989-90	34,587	31,325	7,080	11,861	8,441	38,897	30,423	65,264	154,887
1990-91	34,299	30,092	6,092	10,551	8,831	30,995	32,769	73,560	156,706
1991-92	30,912	31,778	n.p.	9,903	n.p.	37,362	40,602	n.p.	173,422
1991 —									
April	1,821	2,340	426	555	n.p.	n.p.	3,176	8,618	15,118
May	3,067	2,604	285	1,919	n.p.	n.p.	16	6,230	8,166
June	2,018	3,344	21	1,124	n.p.	—	87	3,133	4,345
July	3,000	2,657	270	1,317	—	n.p.	n.p.	1,217	2,990
August	2,217	2,917	n.p.	672	—	—	445	3,329	4,446
September	2,300	2,711	126	525	—	—	243	3,771	4,539
October	4,815	2,350	253	494	—	—	456	3,127	4,077
November	2,079	2,619	641	431	—	—	30	1,195	1,655
December	1,228	2,338	633	262	1,270	—	7	373	1,912
1992 —									
January	1,676	2,243	261	302	7,932	n.p.	n.p.	1,864	11,190
February	2,206	2,873	1,871	256	—	17,954	17,570	19,017	54,798
March	3,719	2,166	457	522	—	17,119	19,349	20,022	57,013
April	2,421	2,608	258	847	n.p.	1,215	1,702	11,250	15,015
May	2,126	1,491	n.p.	1,909	n.p.	—	n.p.	6,794	9,334
June	3,124	4,191	n.p.	1,909	—	—	n.p.	n.p.	6,453

(a) Includes conserves, fruit spreads, fruit butter etc. (b) Includes apple sauce. (c) Includes fruit salad.

TABLE 12. MALT, ALE AND BEER

Period	Ale, beer and stout(a)							Extra light beer(d)	
	Finished malt (all kinds) (0048 20)	Bulk (112 33)	Canned (112 34)	Bottled (112 35)	Original	Total		Canned (112 31)	Bottled (112 32)
						Seasonally adjusted(b)	Trend(c)		
	'000 tonnes	'000 litres	'000 litres	'000 litres	'000 litres	'000 litres	'000 litres	'000 litres	'000 litres
1989-90	623,823	550,428	580,681	807,941	1,939,050	—	—	10,154	4,273
1990-91	605,260	527,496	595,587	792,399	1,915,482	—	—	—	—
1991-92	579,279	504,130	551,816	806,358	1,862,304	—	—	6,075	2,647
1991 —									
April	45,173	42,118	44,957	56,718	143,793	142,411	156,901	n.p.	331
May	58,213	43,864	45,771	65,843	155,478	164,627	156,939	858	290
June	52,270	37,300	37,981	49,017	124,297	159,645	157,811	461	535
July	49,687	45,307	43,035	64,301	152,643	158,045	158,955	n.p.	n.p.
August	53,656	39,107	48,690	57,898	145,695	161,414	159,678	n.p.	n.p.
September	50,259	41,261	36,452	60,379	138,092	155,410	159,110	520	n.p.
October	45,843	48,867	61,881	79,145	189,893	159,593	157,262	639	242
November	52,155	41,830	63,864	85,993	191,686	159,392	155,041	734	n.p.
December	45,049	50,053	53,498	88,582	192,134	152,208	153,304	n.p.	n.p.
1992 —									
January	44,548	37,180	41,624	67,739	146,543	146,912	151,068	558	n.p.
February	50,571	38,186	38,230	56,600	133,016	146,743	151,310	n.p.	n.p.
March	39,037	43,901	46,765	72,317	162,983	157,830	151,142	453	367
April	43,450	42,679	44,931	62,135	149,745	153,431	151,190	n.p.	n.p.
May	56,506	36,120	36,727	56,204	129,051	148,528	151,175	489	n.p.
June	48,518	39,638	36,121	55,065	130,824	150,435	151,375	547	n.p.

(a) Excludes extra light beer containing less than 1.15 per cent but more than 0.5 per cent by volume of alcohol. (b) See paragraph 5, Explanatory Notes. (c) See paragraph 6 to 8, Explanatory Notes. (d) Containing less than 1.15 per cent but more than 0.5 per cent by volume of alcohol.

TABLE 13. MINERAL WATERS AND AERATED WATERS
(⁰⁰⁰ litres)

Period	Canned and bottled (111.05,06.07,11,12,13)					Bulk pre-mix (111.08)	Post mix concentrates(a) (111.09)
	NSW	Vic.	Qld	WA	SA and NT		
1989-90	472,441	384,536	297,295	140,679	r 152,330	22,232	1,469,513
1990-91	472,523	389,889	301,387	145,679	140,760	20,148	1,470,386
1991-92	537,345	344,671	314,777	147,249	n.p.	n.p.	1,496,532
1991 —							
April	37,048	22,683	28,277	9,851	9,175	1,274	108,308
May	24,601	20,412	19,478	10,134	7,633	1,445	83,704
June	24,254	20,861	20,086	5,968	7,839	1,392	80,401
July	26,784	23,715	21,798	9,156	9,147	1,266	91,867
August	33,552	21,687	20,136	9,231	7,656	1,133	93,394
September	r 51,307	35,510	34,289	11,985	11,344	1,730	r 146,166
October	r 52,975	41,288	35,048	13,807	14,441	1,857	r 159,416
November	r 51,007	33,113	28,070	14,386	13,974	1,794	r 142,344
December	61,252	36,451	34,870	19,011	17,425	2,474	171,484
1992 —							
January	53,738	30,846	28,039	14,080	9,117	1,828	137,648
February	47,037	31,460	28,468	n.p.	n.p.	1,819	134,053
March	r 45,010	31,506	23,668	n.p.	n.p.	1,952	r 127,600
April	r 44,342	20,251	18,870	n.p.	n.p.	n.p.	r 108,243
May	r 37,446	21,046	19,196	n.p.	n.p.	n.p.	r 96,659
June	32,894	17,798	22,325	6,619	n.p.	n.p.	87,658

(a) Production represents 'ready to drink' or 'finished beverage' litres.

TABLE 13. MINERAL WATERS AND AERATED WATERS—continued
(⁰⁰⁰ litres)

Period	Canned(a) (111.05,11)				
	NSW	Vic.	Qld	Other States	Australia
1989-90	129,155	n.p.	110,791	n.p.	457,807
1990-91	n.p.	n.p.	117,614	106,364	468,025
1991-92	154,961	95,007	119,439	104,813	474,219
1991 —					
April	n.p.	n.p.	11,777	6,613	36,368
May	n.p.	n.p.	6,357	5,906	28,569
June	n.p.	n.p.	9,102	5,949	25,733
July	8,273	7,825	10,329	7,040	33,417
August	9,425	5,394	8,110	5,826	28,754
September	r 11,913	9,950	13,611	8,520	r 43,994
October	n.p.	n.p.	13,629	10,677	r 53,754
November	n.p.	n.p.	10,849	11,495	r 51,324
December	17,059	8,235	10,247	12,441	47,982
1992 —					
January	12,064	6,118	9,596	8,364	36,142
February	14,104	7,192	10,094	7,964	39,354
March	n.p.	n.p.	8,544	10,625	43,883
April	n.p.	n.p.	5,503	9,317	33,719
May	11,750	3,649	8,243	7,626	31,247
June	10,240	5,807	9,684	4,919	30,649

(a) From July 1989 to June 1990 excludes mineral waters and aerated waters not containing added sugar, sweetener or flavouring.

TABLE 13. MINERAL WATERS AND AERATED WATERS—continued
(*000 litres)

Period	Bottled(a)									
	Returnable (111.06.12)					Non-returnable (111.07.13)				
	NSW	Vic.	Qld	Other States	Australia	NSW	Vic.	Qld	Other States	Australia
1989-90	n.p.	n.p.	23,740	95,694	172,743	n.p.	n.p.	149,057	107,155	786,338
1990-91	n.p.	n.p.	18,875	86,537	160,083	323,492	240,201	164,897	113,686	842,277
1991-92	13,572	34,149	12,829	80,297	140,848	368,812	215,515	182,509	114,629	881,465
1991—										
April	n.p.	n.p.	1,566	5,600	11,543	24,268	13,108	14,935	8,087	60,397
May	n.p.	n.p.	1,186	6,179	11,216	15,474	9,382	11,935	7,127	43,918
June	n.p.	n.p.	923	3,318	8,144	17,380	13,151	10,061	5,932	46,524
July	462	2,250	849	6,115	9,257	18,497	13,661	10,620	6,414	49,193
August	462	2,875	910	4,248	8,494	23,666	13,418	11,116	7,946	56,146
September	r 319	2,330	1,020	6,499	r 10,169	r 39,075	23,229	19,658	10,041	r 92,003
October	n.p.	n.p.	1,237	8,045	r 13,874	r 35,924	25,298	19,182	11,383	r 91,786
November	n.p.	n.p.	1,143	7,299	r 13,607	r 30,841	19,134	16,078	11,361	r 77,414
December	1,364	3,503	1,625	11,693	18,185	42,829	24,714	22,997	14,775	105,317
1992—										
January	1,661	3,235	1,278	8,666	14,840	40,014	21,492	17,165	7,995	86,666
February	1,519	2,928	1,198	6,503	12,148	31,415	21,339	17,176	12,622	82,551
March	n.p.	n.p.	991	6,611	r 12,346	r 28,676	18,382	14,133	10,181	r 71,372
April	n.p.	n.p.	1,053	6,894	12,101	r 31,816	9,724	12,314	8,568	r 62,423
May	r 1,259	2,309	746	4,595	r 8,508	r 24,459	15,088	10,207	6,750	r 56,504
June	1,053	1,957	779	3,130	6,919	21,600	10,034	11,863	6,592	50,089

(a) From July 1989 to June 1990 excludes mineral waters and aerated waters not containing added sugar, sweetener or flavouring.

TABLE 14. MAYONNAISE AND SALAD DRESSINGS, COFFEE, PEANUT BUTTER AND FLAVOURING ESSENCES

Period	Coffee		Peanut butter (058.42)	Industrial flavouring essences (098.88)	Mayonnaise and salad dressing (098.47)
	Roasted(a) (071.20)	Instant (071.34)			
	tonnes	tonnes	tonnes	'000 litres	tonnes
1989-90	3,709	8,657	8,096	9,631	18,307
1990-91	3,306	8,515	8,860	8,786	20,734
1991-92	3,098	n.p.	9,248	9,294	19,110
1989—					
September qtr	993	2,204	2,003	2,381	5,351
December qtr	948	2,134	2,118	2,906	6,901
1990—					
March qtr	829	1,973	1,952	2,367	n.p.
June qtr	939	2,346	2,022	1,977	n.p.
September qtr	790	2,259	2,665	2,224	6,227
December qtr	771	2,144	1,897	2,058	7,597
1991—					
March qtr	833	1,880	1,897	2,348	4,100
June qtr	912	2,232	2,402	2,155	2,810
September qtr	813	n.p.	2,616	2,350	6,842
December qtr	773	2,298	2,560	r 2,514	6,539
1992—					
March qtr	741	1,705	1,818	2,475	2,966
June qtr	771	2,337	2,254	1,954	2,763

(a) Whether or not decaffeinated or ground.

TABLE 15. CORDIALS AND SYRUPS, SINGLE STRENGTH FRUIT JUICES AND OTHER DRINKS ('000 litres)

Period	Non-alcoholic drinks(c)					
	Wine based mixed drinks(a) (112.19)	Fruit juices, unfermented and not containing added spirit (single strength) (b)		Containing at least 25 per cent by volume of pure fruit or vegetable juice (111.18)	Containing less than 25 per cent by volume of pure fruit or vegetable juice(d) (111.19)	Other cordials and syrups(e) (098.81)
		Citrus (059.40)	Apple (059.61)		Fruit juice cordials and syrups(e) (098.79)	
1989-90	12,512	171,967	50,478	129,343	n.p.	29,539
1990-91	10,123	127,786	56,095	134,273	n.p.	31,128
1991-92	10,239	121,539	47,196	152,047	n.p.	25,495
1991 —						
April	626	5,830	8,244	9,221	n.p.	2,378
May	374	6,739	8,780	10,681	n.p.	1,402
June	160	7,439	5,187	8,881	n.p.	2,015
July	539	9,283	2,929	10,733	n.p.	1,872
August	443	11,533	3,013	10,983	n.p.	1,795
September	1,181	10,190	1,738	12,015	n.p.	2,473
October	1,115	8,132	1,696	15,479	n.p.	2,439
November	1,278	11,383	1,192	14,962	n.p.	2,820
December	2,130	13,566	1,448	14,429	n.p.	2,389
1992 —						
January	946	19,866	935	13,448	n.p.	2,415
February	543	11,469	2,122	13,210	n.p.	2,408
March	393	7,476	5,261	13,831	n.p.	2,081
April	513	4,853	10,562	11,358	n.p.	1,680
May	699	4,501	10,483	9,456	n.p.	1,371
June	459	9,286	5,817	12,143	n.p.	1,653

(a) Containing more than 0.5 per cent by volume of alcohol, commonly known as 'coolers'. (b) Includes fruit juice used for concentrating and for making other products such as fruit drinks, soft drinks, etc. (c) Excludes fruit and vegetable juices, mineral water and flavoured whole milk drinks.

(d) Includes drinks with no fruit or vegetable juice content. (e) Contains at least 25 per cent by volume of pure fruit juice.

TABLE 16. STOCK AND POULTRY FOOD (tonnes)

Period	Bran (from wheat) (081.21)	Groats meals and pellets of wheat (046.22)	Sharps and other residues of wheat or rye (b) (081.27)	Prepared stock and poultry feeds(a)				
				Poultry pellets and crumbles (081.91)	Poultry mash (081.92)	Pig feed (081.93)	Cattle (incl. dairy) feed (081.96)	Other (081.97)
1989-90	85,183	n.p.	381,091	1,675,024	117,375	743,418	403,040	284,021
1990-91	73,504	n.p.	386,846	1,648,085	114,950	649,155	407,966	233,207
1991-92	83,202	59,379	388,778	1,663,456	107,237	633,601	471,207	226,144
1991 —								
April	6,453	3,695	31,845	135,938	8,908	50,412	32,297	20,467
May	6,792	n.p.	34,745	137,640	9,027	54,255	42,052	31,045
June	5,867	n.p.	34,638	137,846	9,434	56,808	42,084	16,230
July	6,760	5,688	37,387	148,278	9,551	55,448	45,032	21,451
August	6,046	4,888	33,765	136,134	9,297	51,431	48,246	17,006
September	5,908	5,887	33,192	131,954	9,011	53,568	50,814	21,804
October	5,806	6,526	35,504	152,140	9,111	52,749	52,917	18,593
November	7,792	6,547	32,298	139,287	8,713	49,714	43,996	16,289
December	5,659	6,376	28,602	126,463	8,374	48,584	39,497	17,843
1992 —								
January	4,749	5,463	34,305	149,610	8,484	52,887	33,067	18,631
February	7,011	4,323	30,726	132,733	8,119	50,501	27,904	18,090
March	7,057	3,529	31,598	129,948	8,371	54,187	29,104	18,390
April	8,379	3,495	31,766	149,311	9,475	55,366	33,157	23,488
May	9,159	2,860	30,419	134,676	9,049	53,723	33,135	19,703
June	8,876	3,797	29,216	132,922	9,682	55,443	34,338	14,856
1992 - June								
New South Wales	4,289	1,354	12,532	49,726	3,377	22,661	11,197	5,107
Victoria	n.p.	n.p.	5,603	37,102	n.p.	n.p.	27,925	n.p.
Other States	n.p.	2,443	11,081	46,094	6,305	n.p.	18,216	n.p.

(a) Includes concentrated feeds. Excludes straight mixtures of cereals and mixed crushed grain. (b) Includes wheat pollard, crushed wheat, and rye offal.

TABLE 17. TALLOW, MEALS AND SUNFLOWER SEED OIL
(tonnes)

Period	Tallow (incl. dripping)		Meals, flours and pellets, of meat or meat offal(a)	Oil-cake and other solid residues resulting from the extraction of oils and fats		Sunflower seed oil and its fractions not chemically modified		
	Rendered			Soya bean (081.31)	Sunflower (081.35)	Crude oil (421.52)	Refined (421.53)	
	Edible (411.42)	Inedible (411.43)						Refined (411.38)
1989-90	70,880	r 375,194	99,391	466,871	101,097	79,363	62,634	36,904
1990-91	77,792	r 371,131	r 95,685	479,556	105,331	54,620	54,088	35,124
1991-92	70,307	371,171	91,940	479,973	71,048	55,642	59,936	45,558
1991 —								
April	6,119	r 29,308	r 7,514	39,817	5,952	7,368	5,789	2,756
May	7,502	r 34,139	7,704	45,330	10,430	7,362	5,239	2,403
June	5,921	r 28,019	8,484	37,689	9,147	6,464	4,911	3,864
July	5,943	r 29,806	8,675	40,138	8,039	5,857	7,600	4,291
August	4,587	28,550	6,713	37,408	5,946	8,395	7,505	4,782
September	4,988	30,624	6,813	39,180	5,467	5,164	5,161	3,927
October	6,324	34,781	8,543	43,753	9,257	5,420	4,837	3,079
November	5,620	33,253	7,270	41,456	4,897	n.p.	4,813	2,963
December	5,836	28,249	5,538	36,768	5,898	4,222	4,015	2,422
1992 —								
January	6,239	25,148	r 6,837	33,999	3,484	3,450	3,535	3,250
February	5,808	31,395	r 8,355	40,479	5,117	2,020	3,240	3,283
March	6,977	33,253	r 8,071	44,333	6,449	2,381	3,650	3,771
April	6,432	34,161	r 9,097	42,647	3,255	4,112	3,786	4,291
May	5,513	r 31,203	r 8,297	r 40,068	r 7,494	r 6,399	6,942	4,842
June	6,040	30,748	7,732	39,745	5,742	n.p.	4,852	4,796

(a) Includes production of all meals whether sold separately or combined in prepared stock and poultry food. Includes liver meal, poultry offal meal, fish meal and whale meal. Excludes blood meal.

TABLE 18. CIGARETTES AND TOBACCO(a)
(tonnes)

Period	Original	Seasonally adjusted(b)	Trend(c)
1989-90	27,318	..	..
1990-91	26,833	..	..
1991-92	24,538	..	..
1991 —		t	t
April	2,064	2,101	2,203
May	2,635	2,153	2,156
June	1,995	2,037	2,114
July	2,105	1,968	2,083
August	2,427	2,179	2,082
September	2,216	2,374	2,109
October	1,854	1,779	2,154
November	1,547	2,246	2,185
December	1,759	2,113	2,182
1992 —		t	t
January	1,311	2,472	2,141
February	2,175	2,070	2,077
March	2,291	1,994	2,004
April	1,490	1,552	1,936
May	2,255	2,025	1,884
June	2,108	1,998	1,861

(a) Source: Australian Tobacco Marketing Advisory Committee. (b) See paragraph 5, Explanatory Notes. (c) See paragraph 6 to 8, Explanatory Notes.

EXPLANATORY NOTES

Introduction

This publication is one of a series of ten containing monthly and quarterly production statistics. The titles of the other publications of this series are shown in paragraph 9.

Classification

2. Data contained in these publications are mostly based on monthly or quarterly collections conducted by the Australian Bureau of Statistics (ABS). Most items are identified by the commodity codes used in the Australian Standard Commodity Classification (ASCC), which was developed by the ABS to facilitate greater comparability of manufacturing production commodity statistics with import and export commodity statistics. In cases where data are derived from sources other than ABS collections no commodity code is shown and the source of the data is acknowledged in a footnote.

Scope and coverage

3. Manufacturing commodity statistics collected by the ABS exclude details relating to single establishment manufacturing enterprises with fewer than four persons employed and production of establishments predominantly engaged in non-manufacturing activities but which may carry on, in a minor way, some manufacturing. However, except for a few commodities, the effect on production levels and movements is marginal.

4. Annual figures shown in this publication are derived by aggregating monthly/quarterly production and relate to production during the year ended 30 June. They may differ from annual manufacturing census data which relate to the census year and, in the case of businesses unable to report on a June year basis, include details in respect of substitute accounting periods.

Seasonal adjustment and trend estimates

5. This publication contains seasonally adjusted statistics of several items. In the seasonal adjustment account has been taken not only of normal seasonal factors but also, where appropriate, of 'working-day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the month) and the influence of Easter and Australia Day which may, in successive years, affect figures for different months. However, care should be exercised in interpreting the figures for those months in which Christmas/New Year and Easter holidays fall as some manufacturers vary holiday shutdowns in the light of prevailing demand for their products. Details of the methods used in seasonally adjusting these and other series are available on request. As happens with all seasonally adjusted series the seasonal factors are reviewed annually to take account of each additional year's original data. The results of the latest review were used to compile the revised seasonally adjusted and trend estimates contained in this bulletin. Regular subscribers can obtain a complementary copy of the full revised series on request.

6. The smoothing of seasonally adjusted series to create trend estimates is a means of reducing the impact of the irregular component of the series. The trend estimates have been derived by applying a 13-term Henderson weighted moving average to the seasonally adjusted series.

7. While this smoothing technique enables estimates of trend to be produced for the latest month, it does result in revisions to the estimates for the most recent months as data for subsequent months become available. Generally

subsequent revisions become smaller and after 3 months have little impact on the series. There will also be revisions as a result of revisions to the original estimates and annual reviews of seasonal and 'working day' factors.

8. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series — Estimates of Trend* (1316.0) and *Time Series Decomposition — An Overview* (1317.0) for more detailed information on smoothing of seasonally adjusted time series data.

Related publications

9. Other ABS publications which may be of interest are:

Manufacturing Production, Australia, Preliminary (8301.0) — issued monthly

Manufacturing Production, Australia, Household Appliances and Electrical Equipment (8357.0) — issued monthly

Manufacturing Production, Australia, Clothing and Footwear (8358.0) — issued monthly

Manufacturing Production, Australia, Fibres, Yarns, Fabrics, Bedding and Floor Coverings (8360.0) — issued monthly

Manufacturing Production, Australia, Building Materials and Fittings (8361.0) — issued monthly

Manufacturing Production, Australia, Plastics, Rubber, Paints, Detergents and Industrial Chemicals (8362.0) — issued monthly

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Manufacturing Commodities : Selected Principal Articles Produced, Australia 1986-87, Preliminary (8365.0)

Manufacturing Commodities : Principal Articles Produced, Australia 1986-87 (8303.0)

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

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- n.p. not available for separate publication (but included in totals where applicable)
- n.a. not available
- .. not applicable
- r revised since last issue
- nil or rounded to zero
- break in continuity of series (where a line is shown between consecutive figures in the same column)



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