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Australia**

**Food, Drink, Tobacco
Stock and Poultry Food**

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MANUFACTURING PRODUCTION, AUSTRALIA
FOOD, DRINK, TOBACCO, STOCK AND POULTRY FOOD
MAY 1994 - JULY 1994

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TABLE 1. PROCESSED MILK PRODUCTS AND MILK IN POWDERED FORM

Period	Unsweetened milk and cream, in liquid form			Milk based food pre- parations (e.g. health, invalid or baby preparations(a))	Yoghurt(b)
	Skim milk concentrate (022.27)	Other milk and cream concentrate (022.28)	Cream, not concentrated or sweetened (022.13)	(098.74)	(022.31)
	tonnes	tonnes	'000 litres	tonnes	tonnes
1991-92	49,897	39,563	205,657	29,808	72,055
1992-93	62,422	41,785	r 225,511	n.p.	76,402
1993-94	66,616	39,890	212,166	n.p.	83,800
1993 —					
May	5,362	4,172	13,132	1,606	6,602
June	4,358	1,461	11,855	n.p.	5,904
July	4,642	1,252	12,789	n.p.	6,027
August	5,122	2,017	12,374	n.p.	6,780
September	5,224	3,786	21,083	n.p.	7,802
October	5,273	4,798	23,665	n.p.	7,398
November	6,158	5,334	r 26,106	n.p.	7,672
December	5,866	4,253	r 26,172	n.p.	6,485
1994 —					
January	6,143	4,236	r 20,764	n.p.	6,981
February	r 6,184	3,994	r 16,754	2,287	7,713
March	r 6,216	3,991	r 17,921	2,924	8,041
April	r 4,952	3,151	r 11,639	n.p.	6,712
May	5,782	1,562	10,931	2,392	6,026
June	5,053	1,518	11,969	n.p.	6,162
July	5,141	1,636	12,345	n.p.	6,408

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
1991-92	2,575	67,446	146,550	10,871
1992-93	5,325	r 79,755	165,802	13,071
1993-94	4,583	92,881	206,229	14,607
1993 —				
April	44	5,038	7,910	1,086
May	42	2,457	5,842	538
June	55	1,670	5,787	572
July	68	1,775	6,860	425
August	62	5,184	12,407	656
September	158	9,158	24,061	1,674
October	r 957	8,478	27,824	2,068
November	r 1,143	10,350	28,118	1,841
December	884	13,000	26,134	1,794
1994 —				
January	r 445	r 10,114	r 22,355	r 1,555
February	85	r 9,594	r 17,389	1,227
March	314	12,194	16,114	1,173
April	335	6,544	8,339	815
May	45	3,341	7,067	664
June	87	3,149	9,561	715

(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 and incl. 200mls (021.04)	Over 200mls but under 4 litres (021.05)	Over 4 litres		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) (098.82)
			For home consumption (022.34)	Other (022.35)				
1991-92	24,117	81,963	68,384	20,386	19,156	31,758	11,940	20,914
1992-93	24,174	83,234	66,469	19,272	19,972	30,744	11,038	21,677
1993-94	25,877	90,528	64,073	22,264	17,759	30,193	14,480	22,142
<i>1993 --</i>								
May	1,231	5,443	3,998	1,300	964	1,765	489	1,726
June	1,061	5,872	4,095	1,282	974	1,988	234	1,353
July	1,079	5,634	4,478	1,488	1,338	1,660	384	1,502
August	1,789	6,567	5,147	1,476	1,239	2,478	682	1,728
September	2,337	8,936	5,059	2,154	1,257	2,810	1,084	1,837
October	3,013	8,192	5,611	2,516	1,635	3,207	1,498	1,824
November	2,821	7,396	6,441	1,838	1,881	2,523	1,805	2,033
December	2,732	8,555	7,648	2,170	1,633	2,829	1,943	2,022
<i>1994 --</i>								
January	2,776	9,496	6,026	2,582	1,940	3,469	2,021	1,982
February	2,715	9,417	6,355	1,820	r 1,897	2,993	r 1,664	1,685
March	1,892	8,449	5,274	1,712	r 1,648	3,178	r 1,260	1,967
April	2,279	6,477	4,307	1,720	1,424	1,745	r 854	1,923
May	1,177	5,586	4,039	1,314	841	1,245	882	1,819
June	1,265	5,822	3,687	1,472	1,025	2,055	403	1,821
July	1,640	6,043	4,573	1,524	976	1,793	555	1,879

(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)
1991-92	1,415	94,326	3,424	1,248	2,046	5,589	108,048	116,726	45,262
1992-93	3,374	106,887	5,872	1,367	2,665	6,288	126,456	114,732	44,936
1993-94	5,046	118,453	6,774	1,343	3,193	7,848	142,760	112,850	49,636
<i>1993 --</i>									
April	252	5,999	500	70	200	605	7,626	10,591	3,906
May	305	4,077	293	107	211	406	5,399	8,917	3,573
June	298	3,745	431	141	259	341	5,215	8,316	4,321
July	257	3,436	547	76	330	204	4,850	10,551	4,950
August	331	5,564	604	80	319	379	7,277	9,673	4,322
September	451	11,744	600	71	335	714	13,915	10,179	4,104
October	594	15,382	r 595	114	274	894	r 17,958	10,599	4,019
November	586	16,188	r 589	130	215	968	r 18,676	9,119	3,833
December	472	15,679	r 712	92	219	801	r 17,975	8,879	3,697
<i>1994 --</i>									
January	258	r 12,966	604	136	203	811	r 14,977	6,995	2,509
February	275	r 9,589	585	153	256	r 897	r 11,755	8,707	3,944
March	422	9,748	614	183	350	841	12,159	8,874	4,467
April	475	7,079	513	87	265	684	9,102	9,684	3,714
May	477	5,370	350	108	184	428	6,916	10,058	4,689
June	448	5,708	461	113	243	227	7,200	9,531	5,389

(a) Source: Australian Dairy Corporation

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

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>Australia</i>
1991-92	14,180	123,069	11,885	23,494	5,380	20,021	198,032
1992-93	16,916	128,250	13,203	25,840	5,804	20,683	210,917
1993-94	19,164	136,129	15,896	26,672	5,170	22,685	225,721
<i>1993 —</i>							
April	1,343	9,421	946	1,445	521	1,483	15,161
May	1,274	6,377	1,140	1,857	532	1,379	12,559
June	997	4,081	1,260	1,463	574	764	9,138
July	1,205	3,675	878	2,096	532	400	8,787
August	1,489	7,570	1,208	2,173	646	692	13,779
September	1,958	13,692	1,267	2,712	692	2,196	22,517
October	2,179	r 16,552	1,452	3,436	750	3,100	r 27,469
November	2,049	14,719	1,323	3,004	577	3,088	24,760
December	1,992	14,481	r 1,401	2,864	343	r 3,315	r 24,396
<i>1994 —</i>							
January	1,598	r 13,712	1,403	r 2,637	203	r 2,991	r 22,544
February	1,517	r 11,853	1,353	1,535	118	r 1,810	18,186
March	1,672	13,625	1,629	1,136	195	1,577	19,834
April	1,259	11,921	1,399	1,622	372	1,598	18,171
May	1,224	10,078	1,418	1,962	367	1,234	16,283
June	1,022	4,251	1,165	1,497	375	684	8,995

(a) Source: Australian Dairy Corporation

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

<i>Period</i>	<i>Cheddar and cheddar types(b)</i>	<i>Round eye(c)</i>	<i>Shredding(d)</i>	<i>Hard grating(e)</i>	<i>Fresh(f)</i>	<i>Other(g)</i>
1991-92	130,620	6,548	26,089	8,410	20,003	6,359
1992-93	136,675	7,926	29,447	9,118	20,828	6,139
1993-94	142,585	8,609	36,117	9,351	23,604	5,852
<i>1993 —</i>						
April	8,907	583	2,504	351	2,023	793
May	7,478	582	2,310	88	1,822	279
June	4,846	487	2,335	111	1,090	269
July	4,173	144	2,333	272	1,624	241
August	8,441	354	r 2,573	543	1,593	274
September	15,329	509	r 3,496	r 910	1,963	310
October	r 19,142	935	r 3,378	1,078	r 2,278	657
November	15,916	889	r 3,582	1,176	2,538	659
December	15,098	1,149	3,478	1,424	2,392	855
<i>1994 —</i>						
January	r 15,516	1,017	r 2,932	r 606	2,133	r 340
February	r 11,696	889	r 2,895	r 520	r 1,746	r 440
March	12,620	660	3,074	499	1,986	995
April	11,555	904	2,983	1,035	1,828	266
May	8,561	647	3,014	1,075	2,389	597
June	4,538	512	2,379	213	1,134	218

(a) Source: Australian Dairy Corporation. (b) Includes Cheddar, Cheshire, Cheedam, Colby, Dunlop, Nimbin, Leicester, Gloucester and Stirred Curd/Granula. (c) Includes Edam, Gouda, Swiss, Samsoc, 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, Neufchatel, Bakers, Marscapone 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)	Gherkins (056.82)	Olives (056.83)	Onions (056.84)	Cucumber (056.81)	Other (056.85)	
1991-92	1,538	286,069	27,808	133,789	2,809	943	2,997	1,681	1,768	459,402
1992-93	1,243	273,825	34,847	122,302	1,998	1,070	2,540	1,218	r 1,986	441,029
1993-94	1,445	323,665	36,883	129,904	1,854	1,072	2,864		3,765	501,869
1993 —										r
May	53	29,973	2,849	6,763	190	133	169	n.p.	n.p.	40,407
June	46	28,543	1,565	4,982	104	61	201	n.p.	n.p.	35,851
July	46	25,062	2,037	7,160	133	40	124		388	34,991
August	r 47	23,842	746	9,466	127	89	169		538	35,023
September	94	25,505	1,105	9,672	145	122	271		162	37,076
October	r 122	21,739	1,075	11,894	298	133	223		138	35,622
November	135	24,783	1,434	10,105	240	121	291		170	37,279
December	292	23,524	624	5,060	272	106	294		151	30,323
1994 —										
January	137	27,388	1,085	7,138	84	78	303		252	r 36,883
February	172	33,041	6,011	r 10,100	r 113	82	r 246		654	r 50,420
March	155	34,830	r 8,939	r 23,785	r 133	65	r 211		559	r 68,677
April	86	28,834	r 7,906	r 17,429	r 106	95	r 218		392	r 55,065
May	81	29,353	2,694	10,218	101	44	274		192	42,956
June	78	25,765	3,228	7,878	102	97	238		168	37,554
July	73	19,939	2,848	9,002	78	56	168		142	32,307

(a) In plastic or similar containers.

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

Period	Canned meat for human consumption(a) (016.83, 17.74, 76)	Ham, bacon or other dried, salted or smoked pig meat(b)	
		Ham, shoulders and cuts thereof with bone in (016.11)	Other (016.18)
1991-92	16,113	23,685	68,587
1992-93	16,124	24,286	72,692
1993-94	16,619	22,772	69,581
1993 —			
May	1,632	1,355	6,239
June	1,650	1,712	6,274
July	1,213	1,454	6,229
August	1,132	1,865	5,984
September	1,438	2,059	5,853
October	1,326	2,464	6,253
November	1,072	2,765	6,704
December	1,322	3,431	7,045
1994 —			
January	1,181	1,242	4,550
February	1,835	1,367	5,330
March	1,899	1,531	5,383
April	1,183	1,454	5,352
May	1,611	1,539	5,295
June	1,407	1,603	5,602
July	1,424	1,575	5,518

(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)(a)				Molluscs and aquatic invertebrates			
	Fish fillets frozen (034.40)	Fish canned(b) (037.18)	Shrimps and prawns (036.12)	Rock lobster and crayfish		Other (036.15)	Chilled, frozen, dried, salted or in brine(c)			Abalone otherwise preserved (037.23)
				Tails (036.14)	Whole (036.13)		Abalone (036.34)	Scallops (036.36)	Other (036.38)	
1991-92	2,027	7,022	6,581	1,998	6,955	148	520	1,931	398	1,219
1992-93	1,272	n.p.	6,029	1,842	5,856	89	453	2,652	538	947
1993-94	973	n.p.	5,704	772	5,282	62	439	1,500	343	876
1993 —										
May	108	449	743	94	479	14	33	147	64	87
June	91	n.p.	816	n.p.	186	6	19	228	25	44
July	174	n.p.	646	n.p.	2	1	49	213	16	146
August	167	n.p.	411	n.p.	1	—	29	260	18	103
September	143	n.p.	628	n.p.	n.p.	5	39	170	19	91
October	82	n.p.	695	2	3	3	38	161	21	65
November	57	n.p.	591	22	r 437	6	71	160	33	89
December	59	n.p.	316	r 146	r 1,654	5	17	61	27	78
1994										
January	53	n.p.	55	66	308	5	12	36	34	16
February	65	n.p.	r 55	134	r 681	n.p.	32	18	68	55
March	44	n.p.	r 346	119	r 1,102	3	37	15	64	r 63
April	r 46	n.p.	r 584	147	r 606	17	26	83	77	49
May	35	n.p.	665	101	230	8	44	110	47	82
June	46	n.p.	712	37	n.p.	n.p.	45	213	68	60
July	56	n.p.	559	2	1	5	59	126	44	97

(a) Excludes live crustaceans. (b) Excludes canned pet food. (c) 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)(c) (073.80)			Other(c) (062.26)		
			Original	Seas. adj.(d)	Trend(e)(f)	Original	Seas. adj.(d)	Trend(e)
1991-92	83,155	56,865	98,119	..	..	65,418	..	..
1992-93	83,828	57,914	105,681	..	..	68,671	..	..
1993-94	87,941	48,887	111,901	..	..	68,309	..	..
1993 —				r	r		r	r
May	7,021	4,395	9,193	9,327	8,889	5,687	5,737	5,582
June	r 7,370	4,701	9,211	8,809	8,871	5,865	5,501	5,509
July	8,037	4,487	8,713	8,527	8,921	5,734	5,346	5,455
August	8,302	3,795	10,643	9,276	9,075	6,295	5,303	5,451
September	9,329	5,172	9,304	8,883	9,264	6,070	5,341	5,537
October	6,874	4,759	10,379	9,602	9,464	6,216	5,894	5,693
November	7,362	4,734	10,504	9,885	9,587	6,990	5,935	5,855
December	6,046	4,158	9,547	9,603	9,552	5,548	5,767	5,954
1994								
January	3,781	2,914	8,390	r 15,893	r 9,352	3,342	r 6,388	r 5,972
February	r 7,001	4,032	9,405	r 9,362	r 9,076	5,583	r 5,981	r 5,922
March	r 8,613	4,244	r 9,561	r 8,409	r 8,823	r 5,825	r 5,477	r 5,845
April	r 6,517	3,236	7,419	r 8,203	r 8,661	r 4,705	r 5,771	r 5,783
May	7,252	3,456	8,758	8,685	8,590	5,717	5,743	5,743
June	8,826	3,900	9,277	8,856	8,576	6,283	5,914	5,718
July	7,706	3,482	8,864	8,736	8,597	5,979	5,624	5,681

(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. (f) Trend estimates have been calculated to discount extraordinary movements in January 1994 seasonally adjusted estimates.

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)	Starch (592.11.18)
1991-92	44,577	763,398	1,213,674	138,585	220,406
1992-93	49,772	n.p.	1,281,989	118,723	259,600
1993-94	54,920	n.p.	1,353,929	108,361	283,889
1993 —					
May	4,145	70,511	112,358	8,289	23,413
June	4,282	n.p.	118,082	8,896	22,690
July	4,378	n.p.	107,139	11,257	22,099
August	4,733	n.p.	109,645	10,235	22,193
September	4,601	n.p.	114,422	9,522	22,325
October	4,875	n.p.	109,600	9,581	23,922
November	4,602	n.p.	113,431	8,708	24,901
December	3,922	n.p.	109,683	8,094	20,425
1994 —					
January	4,655	n.p.	101,766	7,130	24,225
February	4,560	n.p.	111,799	8,381	24,145
March	4,769	n.p.	124,403	8,105	24,799
April	4,608	n.p.	108,515	8,802	24,075
May	4,993	n.p.	119,035	9,671	27,530
June	4,223	n.p.	124,491	8,875	23,251
July	4,263	n.p.	110,824	9,340	23,296

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 Canned (098.95)	Other (098.96)
1991-92	72,381	118,765	48,115	110,274	45,760	19,610	2,269
1992-93	79,832	119,372	47,596	114,985	50,927	13,964	2,470
1993-94	81,846	102,970	43,524	127,371	54,569	13,135	3,909
1993 —							
May	6,686	10,408	5,050	10,217	4,354	774	212
June	6,355	10,544	5,726	10,614	4,412	1,063	200
July	6,615	7,436	3,474	10,489	4,974	967	234
August	6,497	8,627	n.p.	10,547	4,354	1,539	201
September	6,934	9,418	n.p.	11,391	3,792	1,152	167
October	6,666	9,609	n.p.	10,518	4,435	1,170	196
November	7,230	9,712	r 3,464	10,932	4,453	944	308
December	6,864	9,237	r 3,178	10,444	3,565	1,513	352
1994 —							
January	6,544	7,428	r 2,395	9,528	3,338	486	264
February	6,963	8,179	2,698	10,837	r 4,642	1,026	402
March	8,101	8,815	4,180	11,766	r 4,895	1,060	445
April	6,172	7,541	3,501	9,874	r 5,306	1,384	516
May	6,910	8,680	4,748	10,156	5,531	884	429
June	6,350	8,289	5,028	10,890	5,284	1,010	395
July	6,276	5,454	3,618	9,765	5,515	1,286	458

(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	<i>Fruit, otherwise prepared or preserved</i>							Total
	Tomato sauce (098.42)	Jam(a) (058.12)	Apples (058.51)	Apricots (058.52)	Peaches (058.53)	Mixed fruit(b) (058.56)	Other (058.54, 55.57)	
	'000 litres	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	
1991-92	30,937	31,970	9,907	n.p.	37,362	40,621	n.p.	173,448
1992-93	34,141	32,434	13,082	n.p.	30,535	35,418	n.p.	180,986
1993-94	39,111	29,283	11,339	2,491	n.p.	20,436	n.p.	r 150,993
<i>1993 -</i>								
May	1,729	2,802	2,549	—	—	n.p.	n.p.	9,466
June	3,061	3,809	2,313	—	—	n.p.	n.p.	8,707
July	2,319	2,494	2,047	—	—	n.p.	n.p.	3,471
August	3,534	2,492	1,353	—	—	n.p.	n.p.	2,856
September	2,885	2,110	920	—	—	n.p.	n.p.	7,269
October	3,884	2,477	460	—	—	n.p.	n.p.	4,514
November	3,166	2,427	634	—	—	n.p.	n.p.	2,522
December	2,898	2,429	518	n.p.	—	n.p.	451	1,527
<i>1994 -</i>								
January	1,910	1,794	193	n.p.	n.p.	63	794	4,119
February	4,326	2,519	n.p.	—	n.p.	r 7,711	23,711	r 43,582
March	6,407	2,564	n.p.	—	n.p.	r 10,036	22,584	r 51,606
April	2,810	2,297	n.p.	—	n.p.	1,503	11,764	r 13,745
May	2,224	2,496	2,686	—	—	65	6,090	8,841
June	2,749	3,184	1,742	—	—	176	5,022	6,941
July	2,891	2,894	1,392	—	—	349	822	2,564

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

TABLE 12. MALT, ALE AND BEER

Period	<i>Ale, beer and stout(a)</i>						
	Finished malt (all kinds) (048.20)	Bulk (112.33)	Canned (112.34)	Bottled (112.35)	Total		Trend(c)
					Original	Seasonally adjusted(b)	
	tonnes	'000 litres	'000 litres	'000 litres	'000 litres	'000 litres	'000 litres
1991-92	579,279	504,130	551,816	806,358	1,862,304	..	..
1992-93	539,258	490,139	500,947	814,027	1,805,113	..	..
1993-94	530,528	n.p.	n.p.	n.p.	n.p.	..	..
<i>1993 -</i>						r	r
May	46,479	37,487	34,628	65,139	137,255	154,320	150,449
June	39,768	39,010	35,094	55,174	129,278	149,605	149,967
July	37,938	40,169	32,965	54,384	127,518	142,012	148,791
August	41,208	38,768	41,262	60,305	140,335	149,267	147,479
September	41,338	42,316	34,502	65,769	142,586	154,135	146,484
October	45,238	38,197	38,143	74,485	150,825	141,181	146,575
November	47,598	39,855	45,889	91,192	176,935	142,726	147,770
December	43,894	41,803	52,547	89,581	183,931	145,336	148,621
<i>1994 -</i>							
January	42,312	32,757	40,642	77,506	150,906	r 160,420	r 148,487
February	47,448	34,665	30,992	68,464	134,122	r 146,236	r 147,460
March	45,624	43,500	38,516	82,306	164,322	r 150,668	r 145,939
April	43,053	34,511	34,645	56,350	125,505	r 134,458	r 144,130
May	49,702	37,667	32,452	60,599	130,719	139,900	142,876
June	45,175	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
July	45,854	n.p.	n.p.	n.p.	n.p.	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.

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.	Australia		
1991-92	541,675	344,671	314,777	147,249	n.p.	n.p.	1,500,861	468	165,184
1992-93	543,808	340,913	311,258	148,253	n.p.	n.p.	1,495,511	388	182,142
1993-94	582,893	380,723	312,422	163,141	n.p.	n.p.	1,595,218	n.p.	n.p.
<i>1993</i>									
May	38,096	25,799	20,084	6,802	n.p.	n.p.	102,418	n.p.	13,520
June	33,445	17,695	19,456	6,164	n.p.	n.p.	85,451	n.p.	14,517
July	26,349	20,261	19,795	10,403	n.p.	n.p.	85,944	n.p.	14,097
August	41,793	29,328	20,129	9,483	n.p.	n.p.	108,514	n.p.	13,248
September	52,393	30,799	30,042	14,944	n.p.	n.p.	143,712	n.p.	17,985
October	55,642	37,507	30,739	13,231	n.p.	n.p.	150,701	n.p.	16,207
November	54,975	37,091	32,026	17,406	n.p.	n.p.	158,067	n.p.	14,714
December	64,649	45,674	38,103	20,884	n.p.	n.p.	187,280	n.p.	24,027
<i>1994</i>									
January	56,690	35,760	31,231	10,502	n.p.	n.p.	146,929	n.p.	18,213
February	55,690	r 44,949	29,988	13,976	n.p.	n.p.	r 157,243	n.p.	r 15,079
March	61,948	r 36,653	32,465	20,934	n.p.	n.p.	r 166,969	n.p.	r 18,120
April	r 43,548	r 21,668	18,409	9,294	n.p.	n.p.	r 106,201	n.p.	r 16,103
May	30,664	19,045	13,529	10,006	n.p.	n.p.	83,735	—	14,121
June	38,552	21,988	15,968	12,079	n.p.	n.p.	99,923	n.p.	n.p.
July	34,384	27,315	18,911	10,326	n.p.	n.p.	100,054	—	n.p.

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

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

Period	Canned (111.05,11)				
	NSW	Vic.	Qld	Other States	Australia
1991-92	156,551	95,007	119,439	104,813	475,809
1992-93	157,128	95,306	105,988	104,262	462,684
1993-94	167,037	111,532	104,542	110,546	493,656
<i>1993</i>					
May	11,291	6,575	6,992	5,915	30,773
June	8,247	4,283	7,686	5,328	25,544
July	7,593	5,841	5,867	7,574	26,875
August	12,050	9,290	8,099	5,144	34,583
September	15,589	8,488	11,075	12,370	47,521
October	15,309	10,195	10,633	8,076	44,213
November	16,706	12,384	11,224	12,125	52,438
December	19,239	13,643	14,006	14,721	61,608
<i>1994</i> —					
January	14,469	9,062	8,320	7,517	39,368
February	15,372	11,805	8,237	r 8,134	r 43,549
March	18,378	9,764	11,427	r 13,298	r 52,867
April	11,021	6,259	8,609	r 6,530	r 32,420
May	9,695	5,827	2,863	7,473	25,858
June	11,617	8,972	4,182	7,585	32,356
July	12,696	6,824	6,692	5,414	31,627

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

Period	Bottled									
	Returnable (111.06.12)					Non-returnable (111.07.13)				
	NSW	Vic.	Qld	Other States	Australia	NSW	Vic.	Qld	Other States	Australia
1991-92	13,572	34,149	12,829	80,297	140,847	371,551	215,515	182,509	114,629	884,204
1992-93	18,245	34,347	n.p.	n.p.	131,604	368,436	211,259	n.p.	n.p.	901,223
1993-94	n.p.	30,486	8,961	n.p.	116,409	n.p.	238,705	198,919	n.p.	985,153
1993 —										
May	1,563	2,514	509	n.p.	9,162	25,242	16,710	12,582	7,948	62,483
June	1,151	1,797	n.p.	n.p.	7,289	24,047	11,615	n.p.	n.p.	52,617
July	1,065	2,265	n.p.	n.p.	6,871	17,692	12,155	n.p.	n.p.	52,198
August	1,408	2,288	n.p.	n.p.	8,928	28,335	17,749	n.p.	n.p.	65,003
September	1,408	2,420	n.p.	n.p.	9,710	35,395	19,891	n.p.	n.p.	86,481
October	1,689	2,425	n.p.	n.p.	11,839	38,645	24,887	n.p.	n.p.	94,649
November	1,558	2,489	n.p.	n.p.	10,962	36,712	22,217	n.p.	n.p.	94,667
December	1,802	3,358	n.p.	n.p.	11,982	43,608	28,673	n.p.	n.p.	113,690
1994 —										
January	1,670	2,729	n.p.	n.p.	9,674	40,551	23,969	n.p.	n.p.	97,887
February	1,620	r 3,519	n.p.	n.p.	r 10,755	38,698	29,625	n.p.	n.p.	r 102,940
March	1,547	r 2,529	n.p.	n.p.	r 9,682	42,023	24,359	n.p.	n.p.	r 104,420
April	1,291	r 2,222	n.p.	n.p.	r 10,675	r 31,236	13,187	n.p.	n.p.	r 63,106
May	986	2,393	n.p.	n.p.	7,301	19,983	10,825	n.p.	n.p.	50,576
June	n.p.	1,850	593	n.p.	8,031	n.p.	11,167	11,193	n.p.	59,536
July	n.p.	2,248	468	n.p.	5,106	n.p.	18,243	11,751	n.p.	63,322

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

Period	Coffee		Peanut butter (058.42) tonnes	Industrial flavouring essences (098.88) '000 litres	Mayonnaise and salad dressing (098.47) tonnes
	Roasted(a) (071.20) tonnes	Instant (071.34) tonnes			
	1991-92	3,105				n.p.	9,248	7,512	21,160
1992-93	3,129	n.p.	n.p.	7,206	n.p.
1993-94		12,983	n.p.	5,708	23,888
1991 —					
September qtr	813	n.p.	2,616	1,820	7,408
December qtr	773	2,298	2,560	2,137	7,062
1992 —					
March qtr	741	1,705	1,818	2,026	3,462
June qtr	778	2,337	2,254	1,529	3,228
September qtr	828	n.p.	3,326	1,762	5,759
December qtr	912	n.p.	2,853	1,881	5,812
1993 —					
March qtr	532	2,044	2,182	1,798	5,115
June qtr	857	n.p.	n.p.	1,764	n.p.
September qtr		3,355	n.p.	1,684	6,898
December qtr		3,244	n.p.	2,073	6,840
1994 —					
March qtr		2,758	n.p.	1,042	5,357
June qtr		3,626	n.p.	910	4,791

(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(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)	Fruit juice cordials and syrups(e) (098.79)	Other cordials and syrups (098.81)	
		Citrus (059.40)	Apple (059.61)					
1991-92	10,269	121,539	46,862	155,337	n.p.	104,080	20,519	
1992-93	7,459	190,964	57,704	138,173	n.p.	108,465	19,667	
1993-94	7,705	151,626	61,988		160,361	108,759	18,617	
1993 —								
May	549	14,062	13,145	10,849	n.p.	5,120	1,125	
June	478	15,182	7,170	9,920	n.p.	6,327	1,261	
July	103	12,269	4,923		r 12,352	6,389	1,217	
August	727	14,054	4,587		r 12,695	7,832	1,543	
September	626	11,739	4,300		r 13,210	10,678	1,727	
October	858	10,485	3,702		r 13,190	9,484	1,880	
November	1,360	14,301	2,723		r 12,589	10,562	1,886	
December	1,608	14,178	3,303		r 13,674	10,426	2,035	
1994 —								
January	424	15,055	2,474		r 12,353	11,836	1,858	
February	403	r 12,897	r 3,638		r 13,590	r 14,115	r 1,884	
March	349	r 13,192	r 6,159		r 15,955	r 10,716	r 1,442	
April	384	r 12,291	r 8,942		r 12,596	r 7,653	r 1,275	
May	403	11,766	10,195		14,200	4,670	1,105	
June	459	9,399	7,043		13,957	4,398	764	
July	498	9,943	5,679		12,857	5,800	796	

(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 waters 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)
1991-92	77,269	59,379	396,464	1,663,459	107,241	634,101	471,508	226,144
1992-93	89,730	n.p.	395,172	1,773,810	110,648	641,192	508,809	202,966
1993-94	94,152	n.p.	400,756	1,841,336	112,041	662,686	657,696	220,771
1993 —								
May	8,909	n.p.	32,466	142,169	8,621	54,055	47,260	15,125
June	8,418	n.p.	35,589	151,661	9,984	61,042	70,527	17,656
July	7,249	n.p.	33,498	154,946	9,977	56,079	53,950	19,237
August	7,601	n.p.	30,596	141,904	10,159	52,454	60,168	19,539
September	7,655	n.p.	33,598	147,912	10,756	60,155	72,029	18,758
October	7,794	n.p.	32,712	154,738	9,516	51,848	59,393	18,105
November	8,332	n.p.	34,226	149,799	9,667	52,508	54,719	16,232
December	7,068	n.p.	32,708	159,850	9,232	59,891	59,319	15,123
1994 —								
January	7,342	n.p.	29,920	147,766	7,688	49,562	48,577	15,791
February	8,109	n.p.	32,798	149,613	8,939	51,677	44,898	16,551
March	8,004	n.p.	37,445	164,001	9,453	61,839	50,814	21,893
April	7,608	n.p.	33,313	157,534	8,244	54,081	44,715	16,833
May	8,622	n.p.	34,606	152,933	9,161	54,245	52,298	19,650
June	8,768	n.p.	35,336	160,340	9,249	58,347	56,816	23,059
July	7,783	n.p.	32,652	157,162	9,033	53,094	55,753	21,081

(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		Refined (411.38)		Soya bean (081.31)	Sunflower (081.35)	Crude oil (421.52)	Refined (421.53)
	Edible (411.42)	Inedible (411.43)						
1991-92	70,307	331,465	91,297	456,266	70,843	55,642	59,936	45,558
1992-93	74,486	349,060	97,357	468,398	68,031	37,697	50,308	51,147
1993-94	75,693	350,177	93,121	453,536	80,944	28,479	33,480	50,075
1993 —								
May	5,682	30,343	8,022	39,947	7,573	4,402	5,058	4,039
June	6,646	32,791	8,667	42,813	10,402	2,084	3,156	4,031
July	6,736	28,080	7,153	39,191	7,541	3,195	3,030	4,268
August	6,284	27,028	6,972	36,872	11,171	2,136	4,090	3,241
September	7,293	34,507	7,461	41,493	8,557	n.p.	2,981	5,304
October	6,164	30,836	7,151	40,920	8,363	—	n.p.	4,288
November	6,869	30,495	8,158	40,774	4,998	n.p.	r 409	4,146
December	6,139	27,638	6,339	38,996	4,395	n.p.	n.p.	3,892
1994 —								
January	5,586	23,118	6,110	30,592	4,381	n.p.	n.p.	3,754
February	r 5,556	r 29,730	9,081	r 35,811	4,617	n.p.	r 2,638	4,510
March	r 6,534	r 30,937	8,960	r 39,295	5,638	n.p.	3,167	3,713
April	r 5,394	r 29,194	7,567	r 34,713	7,224	3,117	3,758	2,813
May	6,674	30,592	9,101	38,656	7,055	5,467	4,805	4,641
June	6,463	28,024	9,069	36,224	7,004	4,476	4,666	4,812
July	6,340	27,487	9,231	35,460	7,461	5,729	4,536	3,748

(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. Includes blood meal.

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

Period	Original	Seasonally adjusted(b)	Trend(c)
1991-92	24,538	..	..
1992-93	24,001	..	..
1993-94	23,273	..	..
1993		r	r
May	2,304	2,054	2,004
June	1,924	1,878	2,006
July	2,453	2,181	2,014
August	2,082	1,935	2,013
September	2,035	2,041	1,993
October	1,810	2,027	1,969
November	1,988	1,773	1,943
December	1,877	2,001	1,908
1994 —			
January	1,001	r 1,861	r 1,866
February	2,070	r 1,909	r 1,837
March	2,240	r 1,898	r 1,833
April	1,382	r 1,615	r 1,865
May	2,164	1,861	1,924
June	2,171	2,094	2,001
July	2,419	2,238	2,082

(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 complimentary 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 quarterly

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

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

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Manufacturing Production, Australia, Wood and Wood Products (8369.0) — issued quarterly

Manufacturing Production, Australia: Principal Commodities Produced, 1989-90 (8365.0).

Unpublished production data is also available from the ABS Sydney office. Please contact Frank Orton on (02) 268 4245.

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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