



Manufacturing Production Australia

Food, Drink, Tobacco Stock and Poultry Food

February 1994 - April 1994

Catalogue No. 8359.0

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**MANUFACTURING PRODUCTION, AUSTRALIA
FOOD, DRINK, TOBACCO, STOCK AND POULTRY FOOD
FEBRUARY 1994 - APRIL 1994**

**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- *for further information about statistics in this publication and the availability of related unpublished statistics, contact Rod Smith on Melbourne (03) 615 7635 or any ABS office.*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			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
1990-91	51,682	43,752	203,695	29,545	64,745
1991-92	49,897	39,563	205,657	29,808	72,055
1992-93	r 62,422	41,785	224,967	n.p.	76,402
1993 —					
February	5,734	4,329	15,128	1,282	7,046
March	6,315	3,355	18,099	2,478	7,236
April	5,281	3,900	15,846	n.p.	5,923
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 26,830	n.p.	r 7,672
December	5,866	4,253	r 27,542	n.p.	r 6,485
1994 —					
January	6,143	4,236	r 22,533	n.p.	r 6,981
February	6,211	3,994	16,727	2,287	7,713
March	6,246	3,991	17,891	2,924	8,041
April	4,985	3,151	11,606	n.p.	6,712
1992-93: July to Apr.	52,702	36,153	199,980	20,005	63,896
1993-94: July to Apr.	55,871	36,810	193,040	n.p.	71,612

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
1990-91	2,293	59,683	146,619	9,152
1991-92	2,575	67,446	146,550	10,871
1992-93	5,325	79,337	165,802	13,071
1992 —				
December	681	9,542	25,013	1,871
1993 —				
January	685	7,736	18,123	1,612
February	541	7,818	11,685	1,113
March	225	9,470	11,374	813
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	6,950	424
August	62	5,185	12,538	657
September	158	11,390	r 24,566	1,675
October	975	r 8,499	r 28,604	r 2,041
November	1,164	12,900	r 28,242	1,841
December	884	15,937	r 26,268	r 1,793
1994 —				
January	443	10,466	22,746	1,553
February	85	10,350	17,092	1,128
1992-93: July to Feb.	4,959	60,702	134,889	10,062
1993-94: July to Feb.	3,839	76,502	167,006	11,112

(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)					Milk ices(b)
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	31,758	11,940	20,914
1992-93	24,174	83,234	66,469	19,272	19,972	30,744	11,038	21,677
1993 —								
February	2,485	8,484	6,852	1,767	2,425	3,198	1,578	1,873
March	2,750	8,900	7,090	1,674	2,085	2,643	1,369	1,955
April	1,455	5,689	4,797	1,403	966	2,357	437	1,693
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	r 6,567	r 5,147	r 1,476	1,239	r 2,478	r 682	r 1,728
September	2,337	r 8,936	r 5,059	2,154	1,257	r 2,810	r 1,084	r 1,837
October	3,013	r 8,192	r 5,611	r 2,516	1,635	r 3,207	r 1,498	r 1,824
November	2,821	7,396	6,441	1,838	1,881	2,523	1,805	r 2,033
December	2,732	8,555	7,648	2,170	1,633	2,829	1,943	r 2,022
1994 —								
January	2,776	9,496	6,026	2,582	1,940	3,469	2,021	r 1,982
February	2,715	9,417	6,355	1,820	1,900	2,993	1,680	1,685
March	1,892	8,449	5,274	1,712	1,650	3,178	1,275	1,967
April	2,279	6,477	4,307	1,720	1,424	1,745	867	1,923
1992-93: July to Apr.	21,882	71,918	58,376	16,690	18,034	26,992	10,314	18,597
1993-94: July to Apr.	23,435	79,120	56,346	19,477	15,898	26,892	13,240	18,502

(a) Ice cream/secreted 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)
1990-91	971	92,850	3,608	1,582	1,477	5,381	105,870	119,123	43,047
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
1992 —									
December	240	15,259	608	179	169	651	17,106	9,292	3,552
1993 —									
January	364	11,461	772	88	183	667	13,535	5,687	2,906
February	261	8,938	496	59	166	500	10,419	8,460	3,834
March	256	8,358	531	72	153	746	10,116	11,104	3,876
April	252	5,999	500	70	200	605	7,626	10,591	n.p.
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	r 451	11,744	600	71	335	714	r 13,915	10,179	4,104
October	r 594	15,382	680	114	274	894	r 17,938	10,599	4,019
November	r 586	16,188	636	130	215	968	r 18,723	9,119	3,833
December	472	15,679	662	92	219	801	17,925	8,879	3,697
1994 —									
January	258	12,873	604	136	203	811	14,885	6,995	2,509
February	275	9,533	585	153	256	900	11,702	8,707	3,944
1992-93: July to Feb.	2,263	84,708	4,117	977	1,842	4,190	98,100	75,803	n.p.
1993-94: July to Feb.	3,224	90,399	4,918	852	2,151	5,671	107,215	74,702	31,376

(a) Source: Australian Dairy Corporation

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

Period	NSW	Vic.	Qld	SA	WA	Tas.	Australia
1990-91	13,330	104,515	12,397	24,522	5,258	19,413	179,432
1991-92	14,180	123,069	11,885	23,494	5,380	20,021	198,032
1992-93	r 16,916	r 128,250	13,203	25,840	5,804	r 20,683	r 210,815
1992 —							
December	r 1,909	13,541	1,227	2,252	299	r 3,315	r 22,812
1993 —							
January	r 1,475	r 14,271	1,194	2,385	254	2,600	22,049
February	1,224	10,440	937	1,677	302	1,623	16,963
March	1,302	10,858	875	1,461	407	1,401	16,532
April	1,343	9,421	946	1,445	521	1,483	15,073
May	1,274	6,377	1,140	1,857	532	1,379	12,167
June	997	4,081	1,260	1,463	574	764	8,658
July	1,205	3,675	878	r 2,096	532	r 400	8,773
August	1,489	7,570	1,208	r 2,173	r 646	692	13,778
September	1,958	13,692	1,267	r 2,712	692	2,196	22,517
October	2,179	16,596	r 1,452	r 3,436	750	3,100	27,513
November	2,049	14,719	r 1,323	r 3,004	r 577	r 3,088	24,760
December	1,992	14,481	1,438	r 2,864	r 343	3,238	24,356
1994 —							
January	1,598	13,622	1,403	1,908	203	2,908	18,734
February	1,517	12,030	1,353	n.y.a.	118	1,948	n.y.a.
1992-93: July to Feb.	12,000	97,513	8,982	19,614	3,770	15,656	158,385
1993-94: July to Feb.	13,987	96,385	10,322	n.y.a.	3,861	17,570	n.y.a.

(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)
1990-91	118,389	6,526	22,209	6,248	18,923	7,134
1991-92	130,620	6,548	26,089	8,410	20,003	6,359
1992-93	136,675	7,926	r 29,447	r 9,118	r 20,828	6,139
1992 —						
December	14,813	927	2,890	1,147	1,638	559
1993 —						
January	15,218	1,102	2,270	1,311	1,742	538
February	10,166	594	2,488	777	1,730	448
March	9,585	483	2,880	717	2,106	532
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	r 4,173	144	2,333	272	1,624	r 241
August	r 8,441	354	2,572	543	1,593	r 274
September	r 15,329	r 509	3,446	918	1,963	r 310
October	r 19,171	r 935	3,413	1,078	2,281	r 657
November	r 15,916	r 889	3,553	1,176	2,538	r 659
December	r 15,098	r 1,149	3,478	1,424	2,392	r 855
1994 —						
January	14,762	1,017	2,909	528	2,133	292
February	11,319	889	3,105	361	1,770	274
1992-93: July to Feb.	105,859	5,791	19,418	7,851	13,787	4,266
1993-94: July to Feb.	104,209	5,886	24,809	6,300	16,294	3,562

(a) Source: Australian Dairy Corporation. (b) Includes Cheddar, Cheshire, Cheedam, Colby, Dunlop, Nimbun, Leicester, Gloucester and Stired Curd/Granula. (c) Includes Edam, Gouda, Swiss, Samsoc, Fontina, Tilsit, Raclette, Emmenthal and Veccherin. (d) Includes Goshred, Mozzarella and Pizza. (e) Includes Parmesan, Pecocino, Pepato, Romano, Sardo and other hard types. (f) Includes Cottage, Ricotta, Crown, Neufchatel, Bakers, Mascapone and Quark. (g) Includes Blue Vein, Brie, Camembert, Fea, 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)	
1990-91	1,736	269,143	31,985	134,020	2,059	746	2,792	1,667	1,964	446,110
1991-92	1,538	286,069	27,808	133,789	2,809	943	2,997	1,681	1,768	459,402
1992-93	r 1,243	273,825	34,847	122,302	1,998	1,070	2,540	1,218	r 1,986	441,029
1993 —										
February	146	21,550	6,137	12,856	136	53	215	384	144	41,621
March	101	30,064	7,188	16,252	119	85	278	341	177	54,605
April	79	27,859	8,813	17,835	176	65	214	95	382	55,517
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	57	23,842	746	r 9,466	127	89	169		538	r 35,032
September	112	25,505	1,105	r 9,672	145	122	271		162	r 37,095
October	142	21,739	1,075	r 11,894	298	133	223		138	r 35,642
November	r 161	24,783	1,434	r 10,105	r 240	121	r 291		r 170	r 37,305
December	r 352	23,524	r 624	r 5,060	r 272	106	r 294		r 151	r 30,383
1994 —										
January	r 167	27,388	r 1,085	r 7,138	r 84	r 78	r 303		r 252	r 36,496
February	172	33,041	4,139	9,878	103	82	215		654	48,284
March	155	34,830	4,424	23,547	143	65	207		559	63,930
April	86	28,834	6,726	17,404	123	95	215		392	53,875
1992-93: July to Apr.	1,143	215,309	30,433	110,558	1,703	876	2,169	n.p.	n.p.	364,771
1993-94: July to Apr.	1,451	268,548	23,394	111,323	1,668	931	2,313		3,405	413,033

(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 there-of with bone in (016.11)	Other (016.18)
1990-91	17,380	19,774	69,732
1991-92	16,113	23,685	68,587
1992-93	16,124	24,286	72,692
1993 —			
February	1,334	1,538	5,987
March	1,849	1,673	6,331
April	1,140	1,539	5,757
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	r 6,704
December	1,322	r 3,431	r 7,045
1994 —			
January	1,181	r 1,242	r 4,550
February	1,835	1,367	5,330
March	1,899	1,531	5,383
April	1,183	1,454	5,352
1992-93: July to Apr.	12,842	21,220	60,179
1993-94: July to Apr.	13,601	19,631	58,684

(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			
			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)
	Fish fillets frozen (034.40)	Fish canned(b) (037.18)		Tails (036.14)	Whole (036.13)		Abalone (036.34)	Scallops (036.36)	Other (036.38)	
1990-91	3,956	6,514	8,795	1,476	5,824	230	312	1,111	161	1,389
1991-92	2,027	7,022	6,581	1,998	6,955	148	520	1,931	398	1,219
1992-93	r 1,272	n.p.	6,029	r 1,842	5,856	89	453	2,652	538	947
1993 —										
February	69	460	40	155	538	6	41	85	64	112
March	88	697	297	215	1,067	14	36	69	68	130
April	100	624	668	252	923	8	54	155	85	108
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	r 57	n.p.	591	22	438	r 6	71	r 160	r 33	89
December	r 59	n.p.	316	r 143	1,705	r 5	r 17	61	27	r 78
1994 —										
January	r 53	n.p.	55	66	308	r 5	r 12	36	34	r 16
February	65	n.p.	28	134	693	n.p.	32	18	68	55
March	44	n.p.	318	119	1,118	3	37	15	64	64
April	54	n.p.	551	147	613	17	26	83	77	49
1992-93: July to Apr.	1,073	5,120	4,469	n.p.	5,191	70	401	2,277	450	817
1993-94: July to Apr.	899	n.p.	4,238	634	n.p.	n.p.	350	1,176	376	755

(a) Excludes live crustaceans. (b) Excludes canned pet food. (c) Shelled weight.

TABLE 9. BISCUITS AND CONFECTIONERY
(tonnes)

Period	Confectionery							
	Biscuits (excl. dog biscuits)(a)		Chocolate or containing chocolate(b)(c) (073.80)			Other(c) (062.26)		
	Sweet(c) (048.42)	Other (048.44)	Original	Seas. adj.(d)	Trend(e)(f)	Original	Seas. adj.(d)	Trend(e)
1990-91	82,312	49,948	97,468	..	..	64,908	..	..
1991-92	83,155	56,865	98,119	..	..	65,418	..	..
1992-93	83,828	57,914	105,681	..	..	68,671	..	..
1993 —								
February	6,532	4,629	8,872	8,877	8,727	5,115	5,406	5,745
March	7,391	5,456	9,847	8,407	8,727	6,028	5,490	5,695
April	6,686	4,360	8,173	8,367	8,708	4,811	5,836	5,637
May	7,021	4,395	9,193	9,087	8,682	5,687	5,689	5,573
June	7,370	4,701	9,211	8,737	8,707	5,865	5,597	5,516
July	8,037	4,487	8,713	8,347	r 8,713	5,734	5,366	5,460
August	8,302	3,795	10,643	9,574	r 8,910	6,295	5,466	r 5,441
September	9,329	5,172	9,304	8,837	r 9,380	6,070	5,351	r 5,520
October	6,874	4,759	10,379	9,565	r 10,090	6,216	5,356	r 5,690
November	r 7,362	4,734	10,504	10,368	r 10,759	6,990	6,133	r 5,876
December	r 6,046	4,158	9,547	9,858	r 11,106	5,548	6,002	r 5,995
1994 —								
January	r 3,781	2,914	r 8,390	r 16,213	r 11,011	3,342	6,579	r 6,017
February	6,997	4,032	9,405	9,526	10,551	5,583	5,989	5,959
March	8,607	4,244	9,559	8,180	9,878	5,800	5,304	5,862
April	6,511	3,236	7,419	7,820	9,085	4,680	5,692	5,742
1992-93: July to Apr.	69,437	48,818	87,278	..	..	57,118	..	..
1993-94: July to Apr.	71,846	41,530	93,865	..	..	56,259	..	..

(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	Wheat flour, other than self- raising	Groats meals and pellets of wheat for human consumption	Starch (592.11,18)
		(042.40)	(046.12)	(046.21)	
1990-91	43,899	489,878	1,227,151	135,704	214,058
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 —					
February	4,386	70,401	102,896	10,341	23,663
March	3,982	70,540	106,046	10,181	20,678
April	4,386	42,750	105,689	8,877	22,342
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.	r 113,431	r 8,708	24,901
December	3,922	n.p.	r 109,683	r 8,094	20,425
1994 —					
January	4,655	n.p.	r 101,766	r 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
1992-93: July to Apr.	41,346	705,992	1,051,549	101,538	213,496
1993-94: July to Apr.	45,704	n.p.	1,110,403	89,815	233,109

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)
1990-91	84,720	115,422	51,097	105,343	40,617	21,911	1,701
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	r 50,927	r 13,964	2,470
1993 —							
February	6,825	10,010	2,507	9,534	3,740	r 1,293	204
March	6,910	11,345	3,545	9,988	4,341	r 1,228	220
April	6,218	9,182	4,376	8,806	4,841	r 1,306	216
May	6,686	10,408	5,050	10,217	4,354	r 774	212
June	6,355	10,544	5,726	10,614	4,412	r 1,063	200
July	6,615	7,436	3,474	10,489	4,974	r 967	234
August	6,497	8,627	3,337	10,547	4,354	1,539	201
September	6,934	9,418	3,648	11,391	3,792	1,152	167
October	6,666	9,609	4,213	10,518	4,435	1,170	196
November	7,230	9,712	3,618	r 10,932	4,453	944	308
December	6,864	9,237	3,314	r 10,444	3,565	1,513	352
1994 —							
January	6,544	7,428	2,535	r 9,528	3,338	486	264
February	6,963	8,179	2,698	10,837	4,207	1,026	402
March	8,101	8,815	4,180	11,766	4,500	1,060	445
April	6,172	7,541	3,501	9,874	5,200	1,384	516
1992-93: July to Apr.	66,791	98,420	36,820	94,154	42,160	12,127	2,058
1993-94: July to Apr.	68,586	86,001	34,518	106,325	42,816	11,241	3,085

(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	
1990-91	34,302	30,153	10,552	8,831	30,995	32,769	73,560	156,707
1991-92	30,937	31,970	9,907	n.p.	37,362	40,621	n.p.	173,448
1992-93	34,141	r 32,434	13,082	n.p.	30,535	35,418	n.p.	180,986
<i>1993 —</i>								
February	2,603	2,809	382	—	n.p.	n.p.	21,868	36,265
March	3,982	2,868	641	—	n.p.	n.p.	25,743	69,060
April	3,786	2,520	2,740	—	n.p.	n.p.	15,299	25,794
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.	r 2,856
September	2,885	2,110	920	—	—	n.p.	n.p.	r 7,269
October	3,884	2,477	460	—	—	n.p.	n.p.	4,514
November	3,166	2,427	634	—	—	n.p.	n.p.	r 2,522
December	2,898	2,429	518	n.p.	—	n.p.	r 431	r 1,527
<i>1994 —</i>								
January	1,910	r 1,794	193	n.p.	n.p.	r 63	r 794	r 4,119
February	4,326	2,519	n.p.	—	n.p.	7,409	23,711	41,792
March	6,407	2,564	n.p.	—	n.p.	10,536	22,584	51,017
April	2,810	2,297	n.p.	—	n.p.	1,817	11,764	13,928
1992-93: July to Apr.	29,352	25,823	8,220	n.p.	n.p.	35,289	n.p.	162,812
1993-94: July to Apr.	34,138	23,603	6,912	n.p.	n.p.	20,708	n.p.	133,015

(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		
	'000 tonnes	'000 litres	'000 litres	'000 litres	Original	Seasonally adjusted(b)	Trend(c)
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	..	..
1992-93	539,258	490,139	500,947	814,027	1,805,113	..	..
<i>1993 —</i>							
February	44,680	37,786	40,682	64,868	143,337	158,275	150,583
March	44,252	41,785	40,151	68,259	150,196	139,421	151,312
April	37,432	42,680	45,336	66,170	154,186	157,231	151,454
May	46,479	37,487	34,628	65,139	137,255	154,980	151,176
June	39,768	39,010	35,094	55,174	129,278	151,175	150,434
July	37,938	40,169	32,965	54,384	127,518	140,120	148,965
August	41,208	38,768	41,262	60,305	140,335	149,734	r 147,344
September	41,338	42,316	34,502	65,769	142,586	156,344	r 146,028
October	45,238	38,197	38,143	74,485	150,825	139,775	r 145,918
November	47,598	39,855	45,889	91,192	176,935	139,330	r 147,067
December	43,894	41,803	52,547	89,581	183,931	145,092	r 148,198
<i>1994 —</i>							
January	42,312	32,757	40,642	77,506	150,906	162,018	r 148,698
February	47,448	34,665	30,992	68,464	134,122	146,254	148,525
March	45,624	43,500	38,516	82,306	164,322	154,199	147,499
April	43,053	34,511	34,645	56,350	125,505	133,572	146,591
1992-93: July to Apr.	453,011	413,642	431,225	693,714	1,538,580	..	..
1993-94: July to Apr.	435,651	386,540	390,103	720,343	1,496,987	..	..

(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		
1990-91	497,013	389,889	301,387	145,679	140,760	20,148	1,494,876	n.p.	172,621
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 —									
February	59,063	35,333	29,583	11,235	n.p.	n.p.	149,015	n.p.	15,363
March	48,144	33,972	32,816	17,550	n.p.	n.p.	145,127	n.p.	16,439
April	38,746	22,764	19,833	12,203	n.p.	n.p.	106,099	22	14,634
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	r 26,349	20,261	19,795	10,403	n.p.	n.p.	r 85,944	n.p.	14,097
August	r 41,793	29,328	20,129	9,483	n.p.	n.p.	r 108,514	n.p.	13,248
September	r 52,393	30,799	30,042	14,944	n.p.	n.p.	r 143,712	n.p.	17,985
October	r 55,642	37,507	30,739	13,231	n.p.	n.p.	r 150,701	n.p.	16,207
November	r 54,975	r 37,091	32,026	17,406	n.p.	n.p.	r 158,067	n.p.	r 14,714
December	r 64,649	r 45,674	38,103	20,884	n.p.	n.p.	r 187,280	n.p.	r 24,027
1994 —									
January	r 56,690	r 35,760	31,231	10,502	n.p.	n.p.	r 146,929	n.p.	r 18,213
February	55,690	45,047	29,988	13,976	n.p.	n.p.	158,632	n.p.	15,054
March	61,948	36,738	32,465	20,934	n.p.	n.p.	165,067	n.p.	17,840
April	43,167	21,726	18,409	9,294	n.p.	n.p.	105,035	n.p.	16,124
1992-93: July to Apr.	472,268	297,418	271,718	135,287	n.p.	n.p.	1,307,642	386	154,105
1993-94: July to Apr.	513,296	339,931	282,925	141,056	n.p.	n.p.	1,409,881	92	167,507

(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
1990-91	n.p.	n.p.	117,614	106,364	477,883
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 —					
February	17,691	8,765	7,857	8,235	42,549
March	14,991	10,926	12,395	10,715	49,027
April	11,781	7,757	7,848	10,378	37,765
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
1994 —					
January	14,469	9,062	8,320	7,517	39,368
February	15,372	11,805	8,237	9,286	44,700
March	18,378	9,764	11,427	13,527	53,096
April	11,021	6,259	8,609	7,104	32,994
1992-93: July to Apr.	137,590	84,449	91,310	93,019	406,367
1993-94: July to Apr.	145,725	96,733	97,496	97,443	437,397

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
1990-91	n.p.	n.p.	18,875	86,537	160,083	338,125	240,201	164,897	113,686	856,910
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—										
February	1,863	3,321	868	5,724	11,777	39,509	23,247	20,857	11,077	94,690
March	1,641	3,108	1,218	6,393	12,360	31,512	19,938	19,203	13,087	83,740
April	1,278	2,832	946	4,521	9,576	25,687	12,175	11,039	9,857	58,758
May	1,563	2,514	509	4,576	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	r 1,065	2,265	n.p.	n.p.	r 6,871	17,692	12,155	n.p.	n.p.	52,198
August	r 1,408	2,288	n.p.	n.p.	r 8,928	28,335	17,749	n.p.	n.p.	65,003
September	r 1,408	2,420	n.p.	n.p.	r 9,710	35,395	19,891	n.p.	n.p.	86,481
October	r 1,689	2,425	n.p.	n.p.	r 11,839	38,645	24,887	n.p.	n.p.	94,649
November	r 1,558	2,489	n.p.	n.p.	r 10,962	36,712	r 22,217	n.p.	n.p.	r 94,667
December	r 1,802	r 3,358	n.p.	n.p.	r 11,982	43,608	r 28,673	n.p.	n.p.	r 113,690
1994—										
January	r 1,670	r 2,729	n.p.	n.p.	r 9,674	40,551	r 23,969	n.p.	n.p.	r 97,887
February	1,620	3,617	n.p.	n.p.	11,315	38,698	29,625	n.p.	n.p.	102,617
March	1,547	2,615	n.p.	n.p.	9,886	42,023	24,359	n.p.	n.p.	102,085
April	1,291	2,280	n.p.	n.p.	11,370	30,855	13,187	n.p.	n.p.	60,671
1992-93: July to Apr.	15,531	30,036	10,071	59,514	115,152	319,147	182,934	170,337	113,706	786,123
1993-94: July to Apr.	15,057	26,485	n.p.	n.p.	102,537	352,514	216,713	n.p.	n.p.	869,947

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

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			
1990-91	3,306	8,515	8,860	7,111	22,681
1991-92	3,105	n.p.	9,248	7,512	21,160
1992-93	3,129	n.p.	n.p.	7,206	n.p.
1991—					
June qtr	912	2,232	2,402	1,632	3,297
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
1992-93: July to Mar.	2,272	n.p.	8,361	5,442	16,686
1993-94: July to Mar.		9,357	n.p.	4,798	19,096

(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)				
1990-91	10,123	127,786	55,164	142,223	n.p.	98,940	25,690
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 —							
February	346	20,052	2,173	11,672	n.p.	13,808	2,203
March	331	16,994	5,299	12,648	n.p.	11,750	2,193
April	350	16,501	10,509	11,219	n.p.	6,496	1,363
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 11,996	r 6,389	r 1,217
August	727	r 14,054	4,587		r 12,342	r 7,832	r 1,543
September	626	r 11,739	4,300		r 12,867	10,678	r 1,727
October	858	r 10,485	3,702		12,850	r 9,484	r 1,880
November	1,360	r 14,301	2,723		r 12,244	r 10,562	r 1,886
December	1,608	r 14,178	3,303		r 13,323	r 10,426	r 2,035
1994 —							
January	424	r 15,055	2,474		r 12,001	r 11,836	r 1,858
February	403	12,482	3,653		13,450	14,179	1,892
March	349	14,188	6,168		15,484	10,686	1,414
April	384	12,866	8,889		12,833	7,609	1,265
1992-93: July to Apr.	6,432	161,719	37,388	117,404		97,018	17,281
1993-94: July to Apr.	6,843	131,618	44,723		129,391	99,681	16,718

(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)
1990-91	73,504	n.p.	386,846	1,648,087	114,950	649,157	407,970	233,204
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 —								
February	7,934	3,775	29,377	136,488	7,617	48,324	32,259	10,921
March	7,671	n.p.	29,964	137,842	9,398	55,835	35,938	19,261
April	7,884	n.p.	32,684	159,907	9,558	56,706	43,447	18,074
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	r 8,332	n.p.	r 34,226	149,799	9,667	52,508	r 54,719	r 16,232
December	r 7,068	n.p.	r 32,708	159,850	9,232	59,891	r 59,319	r 15,123
1994 —								
January	r 7,342	n.p.	r 29,920	147,766	7,688	49,562	r 48,577	r 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
1992-93: July to Apr.	72,403	39,697	327,117	1,479,980	92,043	526,095	391,022	170,185
1993-94: July to Apr.	76,762	n.p.	330,814	1,528,063	93,631	550,094	548,582	178,062

(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)		Refined (411.38)	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)						
1990-91	77,792	335,902	95,685	456,227	105,331	54,620	54,088	35,124
1991-92	70,307	331,465	91,297	456,266	70,843	55,642	59,936	45,558
1992-93	74,486	r 349,060	97,357	468,398	68,031	37,697	50,308	51,147
1993 —								
February	5,754	28,621	7,415	35,511	5,334	—	2,703	3,961
March	7,618	32,349	7,777	42,749	3,713	5,183	6,477	4,362
April	6,553	28,933	9,561	40,940	5,107	2,486	2,883	3,916
May	5,682	30,343	8,022	39,947	7,573	4,402	5,058	4,039
June	6,646	r 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	r 7,461	41,493	8,557	n.p.	2,981	r 5,304
October	6,164	30,836	7,151	40,920	8,363	—	n.p.	r 4,288
November	6,869	r 30,495	8,158	r 40,774	4,998	n.p.	r 1,980	4,146
December	6,139	r 27,638	6,339	r 38,996	4,395	n.p.	n.p.	3,892
1994 —								
January	5,586	r 23,118	6,110	r 30,592	4,381	n.p.	n.p.	3,754
February	5,719	28,154	9,081	35,631	4,617	n.p.	2,665	4,510
March	6,769	29,552	8,960	39,592	5,638	n.p.	3,167	3,713
April	5,803	28,048	7,567	35,643	7,224	3,117	3,758	2,813
1992-93: July to Apr.	62,159	285,926	80,668	385,637	50,056	31,211	42,094	43,076
1993-94: July to Apr.	63,363	287,455	74,951	379,704	66,885	18,536	27,541	39,930

(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)
1990-91	26,833	..	..
1991-92	24,538	..	..
1992-93	24,001	..	..
1993 —			
February	2,230	2,087	2,008
March	2,266	1,922	1,997
April	1,808	1,907	1,989
May	2,304	2,043	1,997
June	1,924	1,849	2,016
July	2,453	2,300	2,028
August	2,082	1,908	r 2,023
September	2,035	2,105	r 2,001
October	1,810	1,963	r 1,978
November	1,988	1,718	r 1,959
December	1,877	2,035	r 1,940
1994 —			
January	1,001	2,014	r 1,917
February	2,070	1,919	1,878
March	2,240	1,900	1,821
April	1,382	1,531	1,770
1992-93: July to Apr.	19,773	..	..
1993-94: July to Apr.	18,938	..	..

(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.

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

Manufacturing Production, Australia, Building Materials and Fittings (8361.0) — 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 Colin Nicholson on (02) 268 4282.

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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