



Manufacturing Production Australia

**Plastics, Rubber, Paints
Detergents and
Industrial Chemicals**

December 1993 - February 1994

Catalogue No. 8362.0

At the bottom of the page, there are two thick, black, horizontal bars that taper to points on the right side, mirroring the design of the bars at the top.



EMBARGOED UNTIL 11:30 A.M. 6 MAY 1994

MANUFACTURING PRODUCTION, AUSTRALIA

**PLASTICS, RUBBER, PAINTS, DETERGENTS AND
INDUSTRIAL CHEMICALS**

DECEMBER 1993 - FEBRUARY 1994

IAN CASTLES
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 8362.0

© Commonwealth of Australia 1994

Printed in Australia by ALAN LAW, Commonwealth Government Printer, Canberra

CONTENTS

<i>Table</i>		<i>Page</i>
1.	Plastics in primary forms	1
2.	Plastic tubes, pipes, hoses, film, sheeting and coated materials	1
3.	Rubber products	2
4.	Paints and other surface coatings	2
5.	Gases	4
6.	Industrial chemicals	4
7.	Organic surface-active agents	5
8.	Detergents and soap	5
..	Explanatory Notes	6

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- *for further information about statistics in this publication and the availability of related unpublished statistics, contact Rod Smith on Melbourne (03) 615 7635 or any ABS office.*
 - *for information about other ABS statistics and services please refer to the back page of this publication.*
-



TABLE 1. PLASTICS IN PRIMARY FORMS(a)
(tonnes)

Period	Mixed or compound (b) (576.02)	Not mixed or compound(b)				Other (573.15, 576.01, 576.04, 579.00)	Total(c)
		Poly-ethylene(c) (571.13)	Poly-styrene (572.14)	Poly-propylene (575.14)	Polyvinyl acetate (575.98)		
1990-91	46,345	217,126	62,266	169,635	12,722	441,168	949,262
1991-92	43,374	234,195	65,230	190,882	11,486	456,631	1,002,288
1992-93	r 49,858	r 276,779	62,103	214,790	10,860	r 430,376	r 1,044,766
1992 — December	4,202	r 27,852	4,388	20,604	764	30,821	r 88,631
1993 —		r					r
January	2,368	25,035	4,393	19,660	731	23,498	75,685
February	r 4,380	21,825	5,241	15,112	947	r 33,153	80,658
March	4,157	28,403	6,251	14,668	849	41,577	95,905
April	4,096	22,389	5,618	13,660	1,035	34,614	81,412
May	4,365	21,447	5,102	17,536	1,097	37,650	87,197
June	4,226	21,453	6,369	16,756	1,070	38,315	88,189
July	4,640	24,418	5,740	18,857	1,380	39,815	94,850
August	4,555	26,827	5,876	20,815	1,084	39,066	98,223
September	4,372	24,731	4,939	19,491	1,261	43,325	98,119
October	5,281	27,428	5,688	19,337	1,529	39,916	99,179
November	4,906	27,710	r 7,276	17,331	1,135	r 36,498	94,856
December	4,657	26,190	4,701	18,488	1,178	28,721	83,935
1994 —		r					r
January	2,971	21,892	6,124	18,408	958	31,854	82,207
February	4,796	24,228	6,310	19,007	1,329	39,702	95,372
1992-93: July to Feb.	33,014	183,087	38,763	152,170	6,809	278,220	692,063
1993-94: July to Feb.	36,178	203,424	46,654	151,734	9,854	298,897	746,741

(a) Primary forms includes liquid, paste, powder, granules, flakes, blocks, irregular shapes, lumps and similar bulk forms. (b) Excludes regranulated scrap. (c) Series has been revised as a result of increased coverage.

TABLE 2. PLASTIC TUBES, PIPES, HOSES, FILM, SHEETING AND COATED MATERIALS

Period	Flexible plates, sheets, foil and strip of plastic(a)					Plastic coated textile materials (657.32)	Tubes, pipes and hoses	
	Polymers of vinyl chloride (582.32)	Polymers of ethylene		Polymers of propylene (582.33)	Other (582.34)		High density polyethylene (581.82)	Rigid PVC(c)
		Low density(b) (582.31)	High density (582.38)						tonnes	tonnes
1990-91	13,127	106,221	24,958	19,457	9,360	27,874	20,323	79,133
1991-92	13,248	110,404	24,220	20,197	9,656	28,466	24,266	84,313
1992-93	14,491	117,842	24,270	20,531	13,664	25,653	25,771	r 97,240
1992 — December	1,246	8,602	1,743	1,531	1,432	2,856	1,948	7,973
1993 —								
January	807	7,275	1,308	1,203	716	589	1,466	3,753
February	959	9,697	1,888	1,576	1,381	2,432	1,933	r 7,475
March	1,206	11,012	2,172	2,070	1,339	2,452	1,772	9,091
April	1,077	9,765	1,904	1,539	1,140	1,360	1,999	8,208
May	1,097	11,103	2,090	1,849	1,284	1,948	2,238	9,138
June	1,043	10,385	2,160	1,794	1,297	2,683	2,187	9,046
July	1,370	10,631	2,137	1,993	1,336	2,000	2,273	9,802
August	1,372	10,799	2,131	1,938	1,296	2,559	1,863	8,224
September	1,568	r 10,458	r 2,035	r 1,705	1,266	r 1,994	r 1,819	8,896
October	1,213	r 10,646	r 1,974	r 1,721	1,205	r 2,639	r 1,839	7,660
November	1,189	r 10,873	r 2,184	r 2,018	1,441	r 2,741	r 1,853	r 8,912
December	1,139	8,851	1,665	1,073	1,338	2,595	1,743	8,823
1994 —								
January	854	7,563	1,534	645	858	1,063	1,920	5,096
February	1,081	9,703	1,933	1,283	1,374	2,917	3,051	9,733
1992-93: July to Feb.	10,069	75,576	15,944	13,279	8,603	17,209	17,576	61,758
1993-94: July to Feb.	9,786	79,524	15,592	12,375	10,113	18,509	16,360	67,146

(a) Excludes self-adhesive, floor, wall and ceiling coverings, vulcanised fibre and plastic foam. Also excludes reinforced, laminated or supported with other materials.

(b) Includes linear low density polyethylene. (c) Plasticiser content 1 per cent or less by weight of PVC. Excludes electrical conduit.

TABLE 3. RUBBER PRODUCTS

Period	Camel back for retreading rubber tyres (621.21)	Strip (eg orbi-strip) for retreading tyres (621.22)	Tubes, pipes and hoses of un- hardened vulcan- ised rubber(a) (621.41/45.49)
	tonnes	tonnes	'000 metres
1990-91		14,617	r 11,334
1991-92	1,021	17,781	6,884
1992-93	911	18,905	7,569
1991—			
March qtr	153	2,941	2,310
June qtr	168	4,263	1,739
September qtr	n.p.	3,968	1,653
December qtr	289	4,276	1,709
1992—			
March qtr	200	4,508	1,764
June qtr	n.p.	5,029	1,758
September qtr	195	4,667	1,836
December qtr	206	4,739	1,794
1993—			
March qtr	207	4,456	1,969
June qtr	302	5,043	1,970
September qtr	207	5,602	1,871
December qtr	256	4,693	1,958
1992-93: July to Dec.	402	9,406	3,630
1993-94: July to Dec.	463	10,295	3,829

(a) Includes with fittings (eg joints, elbows, flanges).

TABLE 4. PAINTS AND OTHER SURFACE COATINGS
(*000 litres)

Period	Architectural and decorative paints, enamels and clears(a)							
	Solvent thinned				Water thinned			
	Finishing coats				Plastic latex			
	Primers and undercoats (533.65)	Pigmented		Clears (533.68)	Primers and undercoats (533.69)	Finishing coats		Other water based (533.73)
	Full gloss (533.66)	Other (533.67)			Flat (533.71)	Other (533.72)		
1990-91	5,421	11,218	4,200	3,252	7,293	30,245	34,843	5,092
1991-92	5,111	9,968	3,775	3,063	8,238	29,226	37,550	4,709
1992-93	5,123	9,938	3,820	2,660	8,228	30,182	40,224	5,292
1992 —								
December	372	895	319	363	615	2,524	3,459	454
1993 —								
January	376	749	263	173	628	1,971	2,794	266
February	434	796	308	189	634	2,562	3,065	487
March	443	946	322	229	672	2,630	3,667	430
April	444	874	309	167	689	2,781	3,614	475
May	459	841	284	160	657	2,435	3,313	445
June	424	802	330	190	701	2,288	3,385	462
July	432	825	344	227	671	2,482	3,421	440
August	r 406	719	307	218	r 699	2,325	3,102	460
September	r 450	r 925	305	275	787	r 2,805	3,482	r 479
October	r 482	r 935	349	r 300	r 850	r 3,017	r 4,076	r 586
November	479	r 879	284	r 311	725	3,122	3,806	r 479
December	400	903	363	295	845	3,270	4,020	429
1994 —								
January	377	687	237	214	558	2,341	3,035	275
February	393	901	285	226	755	3,023	3,550	488
1992-93: July to Feb.	3,353	6,476	2,576	1,914	5,509	20,048	26,246	3,479
1993-94: July to Feb.	3,419	6,773	2,475	2,066	5,890	22,385	28,493	3,635

For footnotes see end of table

TABLE 4. PAINTS AND OTHER SURFACE COATINGS—continued
(*000 litres)

Period	Industrial paints, enamels and clears(b)							
	Automotive				Other industrial			
	Finishing coats			Primers and undercoats (533.78)	Finishing coats			Other (533.83)
	Primers and undercoats (533.74)	Nitro-cellulose lacquers (533.75)	Other (533.76)		Clears (533.79)	Colours (533.81)	Clears (533.82)	
1990-91	5,150	474	9,181	8,667	3,213	724	7,861	21,302
1991-92	4,710	429	9,209	8,309	3,383	730	7,321	20,665
1992-93	4,554	402	9,405	8,634	3,683	819	7,331	21,525
1992 — December	334	34	632	655	337	77	633	1,853
1993 —								
January	238	10	505	589	196	27	484	1,412
February	350	38	786	720	317	73	582	1,707
March	412	44	812	799	353	87	638	2,013
April	366	51	880	837	305	69	602	2,036
May	383	28	858	673	339	72	562	1,921
June	398	39	859	676	341	78	670	1,995
July	421	33	956	720	325	80	583	2,243
August	285	37	715	645	309	83	591	1,904
September	388	29	r 722	770	r 375	65	565	r 2,080
October	r 480	28	r 920	840	r 363	r 70	662	r 2,293
November	r 340	r 35	r 814	r 839	r 383	r 106	673	r 2,144
December	353	32	986	745	373	76	758	2,349
1994 —								
January	239	18	529	628	190	40	519	1,636
February	305	38	841	650	336	77	702	2,005
1992-93: July to Feb.	2,995	240	5,996	5,649	2,346	513	4,859	13,560
1993-94: July to Feb.	2,812	249	6,482	5,837	2,653	597	5,053	16,655

TABLE 4. PAINTS AND OTHER SURFACE COATINGS—continued
(*000 litres)

Period	Heavy duty coatings(c) (533.77)	Wood stains (oil, spirit, etc.) packed for sale or transfer out(d) (533.84)	Marine coatings(e) (533.85)	Thinners	
				For nitro-cellulose coatings (533.56)	For all other coatings (533.57)
1990-91	12,637	1,657	1,696	6,905	19,430
1991-92	13,011	1,784	1,884	6,353	18,249
1992-93	14,590	1,925	n.p.	6,004	18,587
1992 — December	930	164	140	440	1,388
1993 —					
January	756	105	95	386	1,245
February	1,091	150	153	473	1,564
March	1,393	179	135	492	1,599
April	1,420	107	147	526	1,848
May	1,334	152	136	485	1,739
June	1,102	154	n.p.	542	1,549
July	1,308	152	n.p.	442	1,728
August	1,513	157	n.p.	447	1,404
September	r 994	150	130	r 551	r 1,480
October	r 1,203	148	159	r 441	r 1,880
November	r 1,176	r 144	151	r 482	r 1,521
December	1,030	111	n.p.	435	1,464
1994 —					
January	868	69	n.p.	368	1,094
February	1,106	121	125	447	1,463
1992-93: July to Feb.	9,341	1,333	1,125	3,958	11,853
1993-94: July to Feb.	9,199	1,050	n.p.	3,613	12,033

(a) Includes all paints and coatings for use on buildings and structures. Excludes heavy duty coatings. (b) Includes lacquers and water thinned industrial products. (c) Includes specialty coatings specifically designed for the protection of interiors and exterior of buildings, plant and equipment etc. (d) Includes part-pigmented, Madison and Creosote types. (e) Includes primers and undercoats, underwater compositions, boot-topping, deck paints and marine varnishes. Excludes superstructure paints which are included with architectural and decorative paints.

TABLE 5. GASES

Period	Acetylene gas (511.15)	Carbon dioxide carbon monoxide and nitrous oxide(a) (522.73)	Hydrogen, rare gases, nitrogen and oxygen (522.21)
	'000 cu.m.	'000 tonnes	'000 tonnes
1990-91	3,047	89	1,558
1991-92	2,708	97	1,974
1992-93	2,846	99	1,680
<i>1991—</i>			
March qtr	668	23	n.p.
June qtr	782	19	406
September qtr	790	23	503
December qtr	586	24	620
<i>1992—</i>			
March qtr	553	27	465
June qtr	779	23	386
September qtr	798	22	391
December qtr	725	27	456
<i>1993—</i>			
March qtr	615	28	379
June qtr	708	23	454
September qtr	786	27	467
December qtr	646	28	478
1992-93: July to Dec.	1,523	49	847
1993-94: July to Dec.	1,432	55	945

(a) Excludes dry ice.

TABLE 6. INDUSTRIAL CHEMICALS

Period	<i>Acids (in terms of 100 percent acid)</i>					
	<i>Hydrochloric; Chlorosulphuric (522.31)</i>	<i>Sulphuric: Oleum (522.32)</i>			<i>Ammonium sulphate Superphosphate(c)</i>	
		tonnes	Original '000 tonnes	Seasonally adjusted(a) '000 tonnes	Trend(b) '000 tonnes	'000 tonnes
1990-91	55,663	986	..	..	215	1,574
1991-92	n.p.	816	..	..	233	1,337
1992-93	62,231	868	..	..	280	1,440
<i>1992 —</i>						
December	5,126	88	78	76	n.p.	165
<i>1993 —</i>						
January	4,195	94	79	74	28	203
February	5,368	69	60	72	25	179
March	5,454	85	74	70	25	193
April	5,545	68	66	69	23	117
May	5,955	71	68	69	22	97
June	n.p.	75	76	69	28	66
July	4,336	64	77	69	11	54
August	5,437	42	52	r 71	25	36
September	5,687	61	75	r 72	14	53
October	5,717	67	75	73	19	92
November	5,220	r 76	80	r 73	17	143
December	5,657	83	75	72	20	141
<i>1994 —</i>						
January	4,703	82	67	71	17	129
February	4,240	71	64	70	18	150
1992-93: July to Feb.	n.p.	569	..	..	183	967
1993-94: July to Feb.	40,997	545	..	..	142	799

(a) See paragraph 5, Explanatory Notes. (b) See paragraph 6 to 8, Explanatory Notes. (c) Double and triple superphosphates expressed in terms of single phosphate i.e. 9 per cent P equivalent.

TABLE 7. ORGANIC SURFACE-ACTIVE AGENTS(a)
(tonnes)

Period	Anionic(b) (554.24)	Cationic(c) (554.25)	Other(d) (554.26)
1990-91	19,247	4,552	5,158
1991-92	16,643	2,461	3,956
1992-93	17,606	2,100	3,939
1992 — December	1,301	145	273
1993 —			
January	1,050	191	303
February	1,495	126	297
March	1,542	206	366
April	1,531	177	340
May	1,575	155	398
June	1,545	185	362
July	1,478	157	397
August	1,696	213	427
September	1,865	193	391
October	1,737	190	343
November	2,049	212	427
December	1,452	140	384
1994 —			
January	1,289	187	279
February	1,692	214	357
1992-93: July to Feb.	11,411	1,376	2,473
1993-94: July to Feb.	13,258	1,506	3,005

(a) Organic surface-active agents are capable of absorption at an interface and in that state display a number of physico-chemical properties responsible for surface activity (e.g. reduction of surface tension, foaming, emulsifying and wetting). Excludes soap.

(b) Organic surface-active agents which ionise in aqueous solution to produce negatively charged organic ions responsible for surface activity (e.g. sulphates and sulphonates of fats, vegetable oils or resin acids). (c) Organic surface-active agents which ionise in aqueous solution to produce positively charged organic ions responsible for surface activity (e.g. salts of fatty amines). (d) Includes non-ionic and ampholytic agents.

TABLE 8. DETERGENTS AND SOAP

Period	Soaps in bars, cakes, moulded pieces or shapes for personal use(a)			Surface-active washing or cleaning preparations					
	tonnes (554.12)	Shampoo preparations(b) (553.31) tonnes	Scouring preparations(b) (554.39) tonnes	Fabric washing		Dish washing preparations		Soaking, rinsing or bleaching preparations (554.53) tonnes	Other(d) (554.54) tonnes
				Liquid (554.28) '000 litres	Other(c) (554.29) tonnes	Liquid (554.51) '000 litres	Other(c) (554.52) tonnes		
1990-91	32,725	19,215	11,820	42,547	110,034	25,457	3,906	23,912	36,682
1991-92	32,760	19,968	11,865	41,936	110,013	30,679	3,633	32,196	35,792
1992-93	35,070	21,732	12,106	42,224	97,077	32,479	3,688	33,488	34,163
1992 — December	2,532	1,334	610	3,353	6,609	2,571	353	2,912	2,455
1993 —									
January	2,088	1,540	536	2,203	6,364	1,996	285	2,843	2,034
February	2,879	1,653	1,203	2,880	8,596	2,732	144	3,298	3,019
March	3,660	2,153	1,383	4,022	8,566	3,211	275	3,358	2,760
April	3,235	1,548	898	3,414	7,721	2,783	401	2,497	2,927
May	3,443	1,992	1,323	3,562	8,447	2,693	321	2,569	3,228
June	3,157	1,961	920	3,471	8,833	3,273	251	2,506	2,980
July	3,018	2,040	1,190	4,739	9,356	3,403	265	2,814	2,992
August	3,046	1,978	910	3,968	9,479	3,079	265	2,928	3,151
September	2,896	r 1,980	r 1,186	4,004	r 9,293	r 2,953	r 291	r 3,453	r 2,667
October	2,789	r 1,971	r 1,088	r 4,620	r 10,475	r 3,035	r 232	r 2,999	r 3,093
November	3,041	r 2,020	r 1,241	r 4,588	r 8,761	r 2,821	r 297	r 3,414	r 2,973
December	2,556	1,536	933	4,140	7,677	2,626	236	3,648	3,012
1994 —									
January	2,008	1,475	775	3,492	6,338	2,270	248	3,839	2,617
February	3,190	1,870	1,393	4,204	8,850	2,929	275	3,522	2,563
1992-93: July to Feb.	21,575	14,078	7,583	27,753	63,510	20,520	2,441	22,558	22,267
1993-94: July to Feb.	22,543	14,869	8,716	33,755	70,230	23,117	2,110	26,617	23,068

(a) Includes abrasive and medicated. (b) Includes abrasive soap not in bars, cakes, moulded pieces or shapes. (c) For example powders. (d) Includes surface-active preparations for use in the processing or preparation of minerals, hides and skins, paper, dyed textiles, textile fibres, pharmaceutical and cosmetic products.

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 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. 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, Food, Drink, Tobacco, Stock and Poultry Food (8359.0) — 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

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

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

Manufacturing Production, Australia, Energy Products (8368.0) — issued quarterly

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.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



For more information ...

The ABS publishes a wide range of statistics and other information on Australia's economic and social conditions. Details of what is available in various publications and other products can be found in the *ABS Catalogue of Publications and Products* available at all ABS Offices (see below for contact details).

Information Consultancy Service

Information tailored to special needs of clients can be obtained from the Information Consultancy Service available at ABS Offices (see Information Inquiries below for contact details).

National *Dial-a-Statistic* Line

0055 86 400

This number gives you 24 hour access, 365 days a year, for a range of statistics.

Electronic Data Services

A wide range of our data is available on electronic media. Selections of the most frequently requested statistics are available, updated daily, on DISCOVERY (Key *656#). The ABS PC TELESTATS service delivers major economic indicator main features ready to download into personal computers on the day of release. The PC AUSSTATS service enables on-line access to a data base of thousands of up-to-date time series. Selected datasets are also available on diskette or CD-ROM. For more details on electronic data services available, contact Information Services in any of the ABS Offices (see Information Inquiries below for contact details).

Bookshops and Subscriptions

There are over 400 titles of various publications available from ABS Bookshops in all ABS Offices (see below Bookshop Sales for contact details). The ABS also provides a subscription service through which nominated publications are provided by mail on a regular basis at no additional cost (telephone Publications Subscription Service toll free on 008 02 0608 Australia wide).

Sales and Inquiries

Regional Offices		Information Inquiries	Bookshop Sales
SYDNEY	(02)	268 4611	268 4620
MELBOURNE	(03)	615 7000	615 7829
BRISBANE	(07)	222 6351	222 6350
PERTH	(09)	323 5140	323 5307
ADELAIDE	(08)	237 7100	237 7582
HOBART	(002)	205 800	205 800
CANBERRA	(06)	207 0326	207 0326
DARWIN	(089)	432 111	432 111
National Office			
ACT	(06)	252 6007	008 020 608



Information Services, ABS, PO Box 10, Belconnen ACT 2616, or any ABS State office.





© Commonwealth of Australia 1994

Recommended retail price: \$9.00



2836200002944

ISSN 1036-0336