

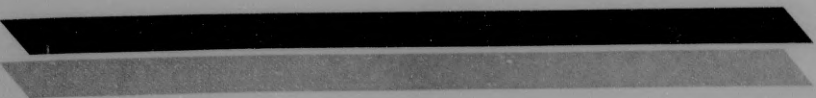


Manufacturing Production Australia

**Fibres, Yarns, Fabrics, Bedding
and Floor Coverings**

September 1990

Catalogue No. 8360.0



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MANUFACTURING PRODUCTION AUSTRALIA
FIBRES, YARNS, FABRICS, BEDDING
AND FLOOR COVERINGS
SEPTEMBER 1990

*(Previously: Production of Fibres, Yarns, Fabrics,
Bedding and Floor Coverings, Australia)*

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TABLE 1. SCOURED AND CARBONISED WOOL(a)
(tonnes)

Period	Sheep's or lambs' wool(b)	
	Scoured or otherwise degreased (c) (268 21)	Carbonised (268 29)
1987-88	106,412	20,221
1988-89	100,977	18,865
1989-90	85,712	19,315
1989—		
July	6,924	1,235
August	7,781	1,676
September	6,720	1,477
October	7,056	1,750
November	7,762	1,758
December	6,814	1,231
1990—		
January	5,840	1,239
February	7,231	1,718
March	8,235	1,851
April	6,689	1,711
May	8,309	1,823
June	6,350	1,847
July	6,390	1,396
August	7,126	1,485
September	7,414	1,519
1989-90 : July to Sept.	21,425	4,388
1990-91 : July to Sept.	20,930	4,400

(a) Includes scoured and carbonised wool used in further processing (e.g. for production of tops). (b) Degreased, whether or not bleached or dyed in the mass. (c) Excludes scoured wool used for carbonising in the same establishment. Excludes feltingmatted, dead or waste wool prior to July 1989.

TABLE 2. TOPS AND SEWING THREAD
(tonnes)

Period	Tops of, or predominantly of				Sewing thread(a) of, or predominantly of		
	Sheep's or lambs' wool (classified by micron)				Man-made fibres (262.03)	Cotton (651.20)	Synthetic fibres (651.45)
	23 and finer (268.72,74)	24 to 27 (268.75)	28 and above (268.76)	Total			
1987-88	13,751	8,688	3,529	25,968	895	n.a.	n.a.
1988-89	15,175	6,807	4,577	26,559	864	n.a.	n.a.
1989-90	10,636	4,977	3,876	19,488	702	n.p.	n.p.
1989—							
July	838	658	336	1,832	457	n.p.	n.p.
August	1,001	438	669	2,108	597	n.p.	n.p.
September	1,065	241	274	1,580	525	n.p.	n.p.
October	820	326	634	1,780	483	n.p.	n.p.
November	733	382	470	1,585	600	n.p.	n.p.
December	814	190	193	1,197	506	n.p.	n.p.
1990—							
January	419	381	216	1,015	281	n.p.	n.p.
February	976	428	84	1,488	674	n.p.	n.p.
March	892	644	116	1,652	787	n.p.	n.p.
April	820	305	270	1,395	643	n.p.	n.p.
May	1,015	550	408	1,973	804	n.p.	n.p.
June	1,243	434	206	1,883	671	n.p.	n.p.
July	1,070	350	418	1,838	485	n.p.	n.p.
August	1,260	1,536	290	2,086	618	n.p.	n.p.
September	959	592	247	1,798	663	n.p.	n.p.
1989-90 : July to Sept.	2,904	1,337	1,279	5,520	1579	n.p.	n.p.
1990-91 : July to Sept.	3,289	1,478	955	5,722	1766	n.p.	n.p.

(a) Excludes elastic or elastomeric.

TABLE 3. WOOL YARN(a)
(tonnes)

Period	Woolen(b)				Total
	Pure(c)		Mixture(d)		
	Used in carpet manufacture (651.01)	Other (651.02)	Used in carpet manufacture (651.03)	Other (651.04)	
1987-88	7,838	1,294	6,089	1,412	16,633
1988-89	7,069	1,082	5,810	1,106	15,067
1989-90	5,997	894	n.p.	n.p.	13,688
1989—					
July	554	94	472	81	1,202
August	647	114	545	110	1,415
September	559	73	542	89	1,262
October	516	58	502	89	1,165
November	646	80	617	123	1,466
December	455	33	416	68	972
1990—					
January	110	40	167	56	373
February	616	71	525	116	1,328
March	510	93	478	93	1,175
April	372	71	433	79	954
May	573	93	537	103	1,306
June	439	73	n.p.	n.p.	1,060
July	501	75	477	84	1,138
August	552	101	n.p.	n.p.	1,214
September	525	59	n.p.	n.p.	1,076
1989-90 : July to Sept.	1,760	281	1,559	280	3,879
1990-91 : July to Sept.	1,578	235	n.p.	n.p.	3,428

TABLE 3. WOOL YARN(a)—continued
(tonnes)

Period	Worsted(e)				Total wool yarn			
	Pure(f)		Mixture(g)		Total			
	Machine knitting (651.05)	Other (651.06)	Machine knitting (651.07)	Other (651.08)		Original	Seasonally adjusted(h)	Trend(i)
1987-88	2,967	1,317	1,160	1,000	6,444	23,076	..	..
1988-89	2,612	1,590	1,251	938	6,391	21,458	..	..
1989-90	2,752	1,488	1,121	675	6,035	19,723	..	..
1989—								
July	204	146	85	67	501	1,703	1,621	1,665
August	227	122	113	70	532	1,948	1,649	1,661
September	277	116	126	40	560	1,822	1,751	1,653
October	236	106	118	42	501	1,667	1,487	1,648
November	276	137	89	47	549	2,015	1,735	1,648
December	192	93	77	65	427	1,399	1,723	1,651
1990—								
January	161	68	53	33	315	688	1,497	1,659
February	252	111	77	63	503	1,831	1,737	1,660
March	246	147	134	82	609	1,784	1,706	1,653
April	179	96	74	53	402	1,356	1,593	1,635
May	261	188	79	48	576	1,882	1,654	1,614
June	241	158	96	65	560	1,629	1,577	1,596
July	292	142	78	45	557	1,695	1,522	1,581
August	236	200	99	44	579	1,794	1,572	1,571
September	267	177	80	38	562	1,638	1,629	1,572
1989-90 : July to Sept.	708	384	324	177	1,593	5,473	..	..
1990-91 : July to Sept.	795	519	257	127	1,698	5,127	..	..

(a) Excludes elastic or elastomeric. (b) Predominantly of carded sheep's or lambs' wool or carded fine animal hair. (c) Containing 95 per cent or more by weight of carded sheep's or lambs' wool. (d) Containing less than 95 per cent by weight of carded sheep's or lambs' wool. (e) Predominantly of combed sheep's or lambs' wool. (f) Containing 95 per cent or more by weight of combed sheep's or lambs' wool. (g) Containing less than 95 per cent by weight of combed sheep's or lambs' wool. (h) See paragraph 5, Explanatory Notes. (i) See paragraph 6 to 9, Explanatory Notes.

TABLE 4. COTTON YARN(a)
(tonnes)

Period	85% or more by weight of cotton (651.35)	Predominantly of but less than 85% by weight of cotton (651.36)	Total cotton yarn		
			Original	Seasonally adjusted(b)	Trend(c)
1987-88	n.a.	n.a.	20,667	..	..
1988-89	n.a.	n.a.	20,504	..	..
1989-90	n.p.	n.p.	20,787	..	..
1989—					
July	n.p.	n.p.	2,037	1,901	1,813
August	n.p.	n.p.	2,022	1,824	1,794
September	n.p.	n.p.	1,960	1,730	1,803
October	n.p.	n.p.	1,949	1,807	1,824
November	1,808	116	1,924	1,828	1,835
December	1,396	113	1,509	1,683	1,822
1990—					
January	n.p.	n.p.	577	2,227	1,784
February	n.p.	n.p.	1,651	1,626	1,731
March	1,561	66	1,628	1,467	1,672
April	1,335	63	1,398	1,586	1,641
May	n.p.	n.p.	2,188	1,779	1,661
June	n.p.	n.p.	1,945	1,701	1,727
July	1,714	113	1,827	1,674	1,820
August	2,223	116	2,339	1,992	1,921
September	n.p.	n.p.	2,196	2,145	2,013
1989-90 : July to Sept.	n.p.	n.p.	6,019	..	..
1990-91 : July to Sept.	n.p.	n.p.	6,362	..	..

(a) Classified on a single yarn basis. Excludes sewing thread, elastic or elastomeric. (b) See paragraph 5, Explanatory Notes. (c) See paragraph 6 to 9, Explanatory Notes.

TABLE 5. SYNTHETIC FIBRE YARN(a)
(tonnes)

Period	Yarn of synthetic staple fibres							
	Other fibres							
	Acrylic				Polyester mixed with cotton			
	Synthetic filament yarn		Used in carpet manufacture		Used in carpet manufacture		Other	
	Polyamide (651.53)	Other (651.54)	Other (651.56.67)	Other (651.57.68)	Other (651.58)	Other (651.65)	Other (651.66)	Total
1987-88	n.a.	n.a.	895	1,288	n.a.	n.a.	4,585	n.a. 10,173
1988-89	n.a.	n.a.	n.p.	908	n.a.	n.p.	n.a.	10,359
1989-90	n.p.	n.p.	n.p.	869	1,264	n.p.	5,027	9,902
1989—								
July	n.p.	n.p.	n.p.	88	103	n.p.	n.p.	47 1,042
August	n.p.	n.p.	n.p.	90	98	n.p.	465	58 906
September	n.p.	n.p.	n.p.	77	104	n.p.	451	51 876
October	n.p.	n.p.	n.p.	75	148	n.p.	378	832
November	n.p.	n.p.	n.p.	92	154	n.p.	376	829
December	n.p.	n.p.	n.p.	70	107	n.p.	285	34 660
1990—								
January	n.p.	n.p.	n.p.	20	44	n.p.	105	21 280
February	n.p.	n.p.	n.p.	76	102	n.p.	376	41 720
March	n.p.	n.p.	n.p.	63	128	n.p.	510	59 913
April	n.p.	n.p.	n.p.	66	76	n.p.	433	53 802
May	n.p.	n.p.	n.p.	73	108	n.p.	552	75 1,004
June	n.p.	n.p.	n.p.	79	92	n.p.	670	1,040
July	n.p.	1,347	n.p.	57	103	n.p.	6652	42 1,043
August	n.p.	n.p.	n.p.	42	134	n.p.	6611	59 1,008
September	n.p.	235	n.p.	42	105	n.p.	496	31 862
1989-90 : July to Sept.	n.p.	n.p.	n.p.	255	305	n.p.	n.p.	156 2,824
1990-91 : July to Sept.	n.p.	847	n.p.	141	342	n.p.	1,759	132 2,913

(a) Of, or predominantly of synthetic fibres and predominantly of the fibre types named. Excludes sewing thread, elastic, elastomeric.

TABLE 6. WOOL BROADWOVEN FABRIC(a)
(⁰⁰⁰ square metres)

Period	Woolen(b)			Total		
	Pure(d) (654.23.38)	Mixture(e) (654.26.36)	Worsted(c) (654.25.26.37.39)	Original	Seasonally adjusted(f)	Trend(g)
1987-88	3,407	2,110	5,104	10,623	..	..
1988-89	2,914	1,898	4,990	9,803	..	..
1989-90	2,620	1,694	4,146	8,459	..	..
1989—						
July	247	135	367	749	795	796
August	355	153	500	1,007	854	793
September	189	119	412	719	724	784
October	194	124	452	770	713	771
November	282	192	450	924	762	753
December	159	110	393	663	852	726
1990—						
January	110	86	199	395	632	692
February	225	201	304	730	671	655
March	231	151	306	687	613	624
April	163	139	176	477	557	610
May	220	145	279	645	588	619
June	246	139	308	692	689	643
July	213	164	291	669	673	668
August	259	151	399	810	699	690
September	170	125	384	679	713	713
1988-90 : July to Sept.	791	407	1,279	2,475	..	..
1990-91 : July to Sept.	642	440	1,074	2,158	..	..

(a) Excludes elastic fabrics. (b) Of, or predominantly, of carded sheep's or lambs' wool or carded fine animal hair. (c) Of, or predominantly, of combed sheep's or lambs' wool or combed fine animal hair. (d) Containing 95 per cent or more by weight of sheep's or lambs' wool. From July 1989 includes woollen pile and chenille containing less than 95 per cent by weight of sheep's or lambs' wool. (e) Containing less than 95 per cent by weight of sheep's or lambs' wool. From July 1989 excludes pile and chenille. (f) See paragraph 5, Explanatory Notes. (g) See paragraph 6 to 9, Explanatory Notes.

TABLE 7. COTTON BROADWOVEN FABRIC(a)
(⁰⁰⁰ square metres)

Period	Other than pile and chenille				Total		
	Pile and chenille		Containing less than 85% by weight of cotton (652.80)	Containing 85% or more by weight of cotton (652.70)	Original	Seasonally adjusted(c)	Trend(d)
	Terry(b) (652.16)	Other (652.17)					
1987-88	8,919	n.p.	2,976	n.p.	39,415	..	..
1988-89	10,106	n.p.	n.p.	23,862	36,316	..	..
1989-90	9,224	n.p.	n.p.	25,024	40,059	..	..
1989—							
July	949	n.p.	n.p.	2,446	3,739	3,187	3,165
August	1,090	—	405	2,067	3,562	3,078	3,271
September	1,117	—	709	2,277	4,103	3,457	3,365
October	880	n.p.	n.p.	2,229	3,454	3,358	3,426
November	741	—	583	2,637	3,961	3,695	3,426
December	486	—	505	1,819	2,810	3,572	3,368
1990—							
January	227	—	n.p.	2,446	2,923	2,923	3,293
February	622	—	586	2,144	3,352	3,360	3,248
March	755	n.p.	n.p.	1,819	3,239	2,849	3,245
April	736	—	576	1,765	3,077	3,397	3,267
May	725	—	526	2,876	4,127	3,509	3,278
June	897	—	n.p.	2,453	3,838	3,453	3,246
July	679	—	372	2,453	3,504	3,065	3,167
August	881	—	165	2,421	3,466	2,836	n.y.a.
September	810	—	105	2,348	3,263	2,960	n.y.a.
1989-90 : July to Sept.	3,156	n.p.	n.p.	6,790	11,404	..	..
1990-91 : July to Sept.	2,370	—	642	7,222	10,233	..	..

(a) Broadwoven fabric of, or predominantly, of cotton. Excludes gauze and elastic fabrics. (b) Includes terry towelling and similar fabrics. (c) See paragraph 5, Explanatory Notes. (d) See paragraph 6 to 9, Explanatory Notes.

TABLE 8. MAN-MADE FIBRES BROADWOVEN FABRIC(a)
(*000 square metres)

Of, or predominantly of, synthetic staple fibres(h)							
Period	Containing 85% or more by weight of synthetic staple fibres and predominantly of		Containing less than 85% by weight of synthetic staple fibres and predominantly of				Fibre other than polyester (653.39.40)
	Polyester(c) (653.21)	Fibres other than polyester (653.22)	Polyester mixed mainly or solely with				
			Cotton (653.35)	Viscose (653.37)	Wool or fine animal hair (653.36)	Other (653.38)	
1987-88	n.p.	n.p.	26,835	16,979	3,284	n.p.	558
1988-89	5,128		39,828	20,301	3,693	18	289
1989-90	2,661	1,033	34,870	23,549	2,374	65	332
1989—							
July	306	142	3,874	2,219	299	n.p.	18
August	334	108	3,410	1,988	291	n.p.	39
September	199	100	3,468	1,974	211	n.p.	33
October	247	108	3,006	2,042	223	n.p.	38
November	229	118	2,750	1,978	188	n.p.	51
December	154	59	2,324	1,557	143	n.p.	26
1990—							
January	86	18	207	288	100	n.p.	18
February	182	58	2,980	2,718	191	n.p.	20
March	220	71	3,336	2,464	144	n.p.	21
April	195	62	2,353	1,793	114	n.p.	25
May	295	87	3,273	2,126	252	n.p.	33
June	215	102	3,889	2,402	218	n.p.	12
July	140	95	3,311	2,377	185	n.p.	n.p.
August	146	68	3,647	2,429	230	7.70	n.p.
September	112	88	4,554	2,279	174	n.p.	n.p.
1989-90 : July to Sept.	839	350	10,752	6,181	801	n.p.	90
1990-91 : July to Sept.	398	251	11,512	7,085	589	n.p.	n.p.

TABLE 8. MAN-MADE FIBRES BROADWOVEN FABRIC(a)—continued
(*000 square metres)

Period	Of, or predominantly of, synthetic filaments(b)						Total man-made fibres broadwoven fabric	
	Containing 85% or more by weight of synthetic filaments and predominantly of			Other		Other(d) (653.50, 76.90)	Original	Seasonally adjusted(e)
	Polyamide (653.71)	Polyester (653.72)	Polyethylene, polypropylene (653.73)	Other (653.74.75)				
								Trend(f)
1987-88	500	4,458	97,411	443	12,374	166,986	...	...
1988-89	490	7,021	99,804	535	14,489	191,596	...	...
1989-90	243	7,172	89,662	446	11,083	173,489	...	...
1989—								
July	n.p.	696	7,653	n.p.	1,184	16,466	15,482	15,040
August	n.p.	660	8,510	n.p.	1,107	16,522	14,403	14,877
September	n.p.	737	8,194	n.p.	1,074	16,074	14,653	14,663
October	n.p.	710	7,172	n.p.	972	14,604	13,772	14,583
November	29	727	8,516	n.p.	1,192	15,751	14,082	14,585
December	15	580	8,356	n.p.	912	14,148	16,899	14,575
1990—								
January	3	265	2,963	n.p.	269	4,236	13,729	14,472
February	21	657	7,087	n.p.	989	14,972	14,193	14,324
March	22	625	7,517	n.p.	921	15,384	13,699	14,161
April	8	360	6,979	n.p.	703	12,632	13,866	14,077
May	11	607	8,282	n.p.	901	15,911	14,389	14,129
June	21	548	8,424	n.p.	926	16,789	14,529	14,304
July	19	515	8,371	n.p.	785	15,851	14,780	14,463
August	20	530	7,901	n.p.	877	15,913	13,497	14,595
September	13	460	7,541	36.8	807	16,096	15,495	14,746
1989-90 : July to Sept.	n.p.	2,793	24,357	n.p.	3,360	49,062	...	...
1990-91 : July to Sept.	52	1,442	23,813	n.p.	2,469	47,729	...	...

(a) Of, or predominantly of man-made fibres. Excludes elastic and tyre cord. (b) Excludes pile and chenille fabric. (c) Includes pure polyester. (d) Consists of pile fabric, chenille fabric and fabric of, or predominantly of, artificial fibres. (e) See paragraph 5, Explanatory Notes. (f) See paragraph 6 to 8, Explanatory Notes.

TABLE 9. KNITTED OR CROCHETED FABRICS

	Knitted or crocheted fabrics(a)			Total	Knitted or crocheted curtains in the piece (658.71)
	Pile (655 11.12.19)	Warp knit (655 23.24)	Other(b) 655 25.29)		
	tonnes	tonnes	tonnes		'000 sqm
Not available prior to September Quarter 1989					
1989-90	2,306	2,430	8,432	13,168	14,317
1989—					
September qtr	533	562	2,739	3,835	4,269
December qtr	547	692	2,348	3,587	n.p.
1990—					
March qtr	503	650	1,484	2,637	n.p.
June qtr	723	526	1,861	3,109	n.p.
September qtr	417	529	2,231	3,176	n.p.

(a) Excludes tufted, elastic and elastomeric knitted or crocheted fabrics and parts knitted to shape for garments and other articles. (b) Includes welt fabrics.

TABLE 10. MATTRESSES AND MATTRESS SUPPORTS: AUSTRALIA
(number)

Period	Water mattresses			Mattresses of artificial plastic material (expanded foam or sponge)		Sprung mattress supports (821.22.24.26)
	Inner spring mattresses (821.97.98.99)	Width up to and including 107 cm (893.92)	Width exceeding 107 cm (893.93)	Width up to and including 107 cm (822.21)	Width exceeding 107 cm (822.22)	
1987-88	855,158	6,579	49,378	n.a.	n.a.	415,750
1988-89	871,403	8,272	53,291	n.a.	n.a.	443,589
1989-90	832,721	18,082	93,002	85,000	71,749	389,574
1987—						
September qtr	208,867	1,664	12,298			97,285
December qtr	226,450	1,352	11,012			115,930
1988—						
March qtr	205,494	1,821	11,987	Not available prior to September Quarter 1989		98,784
June qtr	214,347	1,742	14,081			103,751
September qtr	222,725	1,676	13,222			113,424
December qtr	224,567	2,490	12,706			110,610
1989—						
March qtr	201,606	1,959	13,732			101,005
June qtr	222,130	2,147	13,631	r	r	118,550
September qtr	213,449	14,981	23,929	21,566	23,006	96,926
December qtr	228,408	15,127	25,394	21,844	22,679	108,157
1990—						
March qtr	202,385	4,403	23,096	26,795	16,694	99,933
June qtr	188,479	3,571	20,583	14,795	9,370	84,558
September qtr	204,794	5,000	22,112	15,481	8,944	85,006

TABLE 11. INNER SPRING MATTRESSES: STATES
(number)

Period	NSW			Vic.			Qld		
	Width up to and including 107 cm (821.97)	Width exceeding 107 cm but not exceeding 138 cm (821.98)	Width exceeding 138 cm (821.99)	Width up to and including 107 cm (821.97)	Width exceeding 107 cm but not exceeding 138 cm (821.98)	Width exceeding 138 cm (821.99)	Width up to and including 107 cm (821.97)	Width exceeding 107 cm but not exceeding 138 cm (821.98)	Width exceeding 138 cm (821.99)
1987-88	168,319	71,430	58,028	135,806	70,503	60,387	71,557	35,513	31,268
1988-89	165,792	71,951	61,740	143,802	68,925	68,795	70,942	32,643	33,110
1989-90	134,689	64,906	60,177	115,435	63,501	63,980	79,028	32,947	39,978
1987—									
September qtr	42,565	17,659	12,996	33,164	18,612	14,865	16,593	9,019	7,368
December qtr	42,126	18,491	16,247	34,828	21,085	16,991	19,269	8,329	7,876
1988—									
March qtr	39,944	18,540	15,770	32,453	14,695	13,566	17,303	8,847	7,465
June qtr	43,684	16,740	13,015	35,361	16,111	14,965	18,392	9,318	8,559
September qtr	42,722	17,921	14,313	41,007	16,855	15,911	19,536	9,461	8,408
December qtr	38,688	18,664	15,349	40,641	19,014	19,486	18,624	8,652	8,512
1989—									
March qtr	39,048	17,498	15,173	33,397	14,494	14,193	15,683	6,286	7,433
June qtr	45,334	17,868	16,905	38,757	18,562	19,205	17,099	8,244	8,757
September qtr	35,961	16,929	14,666	40,086	16,297	16,800	19,506	8,473	9,253
December qtr	35,918	18,358	15,899	47,103	18,981	18,784	19,904	7,930	9,534
1990—									
March qtr	30,978	14,254	15,022	35,101	15,800	16,623	20,029	8,152	11,599
June qtr	31,832	15,365	14,590	32,145	12,423	11,773	19,589	8,392	9,592
September qtr	36,751	13,515	12,318	40,042	15,671	16,002	19,872	8,453	9,105

TABLE 11. INNER SPRING MATTRESSES: STATES—continued
(number)

Period	SA			WA and Tas.			Australia		
	Width up to and including 107 cm (821.97)	Width exceeding 107 cm but not exceeding 138 cm (821.98)	Width exceeding 138 cm (821.99)	Width up to and including 107 cm (821.97)	Width exceeding 107 cm but not exceeding 138 cm (821.98)	Width exceeding 138 cm (821.99)	Width up to and including 107 cm (821.97)	Width exceeding 107 cm but not exceeding 138 cm (821.98)	Width exceeding 138 cm (821.99)
1987-88	30,175	9,095	9,592	61,150	18,784	23,551	467,007	205,325	182,826
1988-89	32,256	11,025	9,771	55,924	21,161	23,566	468,716	205,705	196,982
1989-90	27,314	8,301	9,539	54,596	17,066	22,262	450,062	186,723	195,936
1987—									
September qtr	7,657	2,162	2,348	13,679	4,959	5,221	113,658	52,411	42,798
December qtr	7,351	2,432	2,458	15,945	4,999	8,023	119,519	55,336	51,595
1988—									
March qtr	6,951	2,195	2,001	14,751	4,797	6,216	111,402	49,074	45,018
June qtr	8,216	2,306	2,785	16,775	4,029	4,091	122,428	48,504	43,415
September qtr	8,086	2,836	2,326	13,477	4,703	5,163	124,828	51,776	46,121
December qtr	7,714	2,366	2,526	13,610	5,423	5,673	119,277	54,119	51,171
1989—									
March qtr	8,178	3,221	2,739	13,804	4,862	5,597	110,110	46,361	45,135
June qtr	8,278	2,602	2,180	15,033	6,173	7,133	114,501	53,449	54,180
September qtr	7,302	2,033	2,494	13,374	4,981	5,292	116,229	48,715	48,505
December qtr	7,210	1,960	2,525	14,338	4,211	5,723	124,473	51,470	52,465
1990—									
March qtr	6,186	2,086	2,391	14,633	3,924	5,607	106,927	44,216	51,242
June qtr	6,616	2,222	2,129	12,253	3,920	5,640	102,433	42,322	43,724
September qtr	6,756	2,330	2,384	11,348	3,726	6,121	114,769	43,695	45,930

TABLE 12. SPRUNG MATTRESS SUPPORTS: STATES(a)
(number)

Period	NSW			Vic.			Qld		
	Width exceeding 107 cm but not exceeding 138 cm			Width exceeding 107 cm but not exceeding 138 cm			Width exceeding 107 cm but not exceeding 138 cm		
	up to and including 107 cm	exceeding 107 cm but not exceeding 138 cm	exceeding 138 cm	up to and including 107 cm	exceeding 107 cm but not exceeding 138 cm	exceeding 138 cm	up to and including 107 cm	exceeding 107 cm but not exceeding 138 cm	exceeding 138 cm
	(821 22)	(821 24)	(821 26)	(821 22)	(821 24)	(821 26)	(821 22)	(821 24)	(821 26)
1987-88	52,732	35,422	40,170	48,598	30,129	39,937	34,378	24,168	27,804
1988-89	54,808	37,200	43,849	53,794	32,708	52,573	37,750	21,959	28,811
1989-90	49,375	34,619	38,345	44,403	26,587	42,035	38,264	21,617	31,256
1987—									
September qtr	12,968	7,892	8,044	11,908	7,422	9,811	7,663	6,385	6,580
December qtr	13,806	10,339	12,713	13,847	9,012	11,577	8,971	5,895	7,224
1988—									
March qtr	13,145	8,861	9,862	10,915	6,512	8,921	8,641	5,761	6,596
June qtr	12,813	8,330	9,551	11,928	7,183	9,628	9,103	6,127	7,404
September qtr	13,040	9,044	10,730	13,673	7,883	17,051	9,864	6,560	7,667
December qtr	12,135	9,541	11,211	14,329	8,987	12,316	9,822	5,621	7,710
1989—									
March qtr	13,012	9,357	10,718	11,155	7,163	10,288	9,380	4,212	5,755
June qtr	16,621	9,258	11,190	14,637	8,675	12,918	8,684	5,566	7,679
September qtr	11,603	8,834	9,980	11,847	7,327	10,839	9,211	5,543	7,652
December qtr	13,157	9,358	11,211	12,959	8,094	12,713	11,327	5,626	8,076
1990—									
March qtr	13,065	9,315	8,564	11,393	7,047	11,431	8,660	5,072	8,105
June qtr	11,550	7,112	8,590	8,204	4,119	7,052	9,066	5,376	7,423
September qtr	9,960	6,986	7,849	9,373	5,387	10,086	7,279	4,832	6,747

(a) Excludes mattress supports made of rubber.

TABLE 12. SPRUNG MATTRESS SUPPORTS: STATES(a)—continued
(number)

Period	SA			Other States			Australia		
	Width exceeding 107 cm but not exceeding 138 cm			Width exceeding 107 cm but not exceeding 138 cm			Width exceeding 107 cm but not exceeding 138 cm		
	up to and including 107 cm	exceeding 107 cm but not exceeding 138 cm	exceeding 138 cm	up to and including 107 cm	exceeding 107 cm but not exceeding 138 cm	exceeding 138 cm	up to and including 107 cm	exceeding 107 cm but not exceeding 138 cm	exceeding 138 cm
	(821 22)	(821 24)	(821 26)	(821 22)	(821 24)	(821 26)	(821 22)	(821 24)	(821 26)
1987-88	10,219	5,576	7,195	22,964	14,791	21,667	168,891	110,086	136,773
1988-89	10,650	6,158	7,606	19,852	14,983	20,888	176,854	113,008	153,727
1989-90	8,554	4,744	7,255	16,648	10,586	15,076	157,244	98,363	133,967
1987—									
September qtr	2,408	1,451	1,795	5,604	3,214	4,140	40,551	26,364	30,370
December qtr	2,845	1,658	2,003	5,390	3,971	6,679	44,859	30,875	40,196
1988—									
March qtr	2,229	1,186	1,522	5,237	3,863	5,533	40,167	26,183	32,434
June qtr	2,737	1,281	1,875	6,733	3,743	5,315	43,314	26,664	33,773
September qtr	2,209	1,504	1,845	4,707	2,940	4,707	43,493	27,931	42,000
December qtr	2,302	1,237	1,944	4,927	3,602	4,926	43,515	28,988	38,107
1989—									
March qtr	2,252	1,065	2,196	4,950	3,744	4,758	40,849	26,441	33,715
June qtr	3,787	1,452	1,621	5,268	4,697	6,497	48,997	29,648	39,005
September qtr	2,118	1,030	1,966	2,983	2,698	3,295	37,762	25,432	33,732
December qtr	2,087	1,096	1,918	4,261	2,565	3,499	43,791	26,949	37,417
1990—									
March qtr	2,195	1,267	1,758	5,076	2,683	4,302	40,389	25,384	34,160
June qtr	2,154	1,351	1,613	4,328	2,640	3,980	35,302	20,598	28,658
September qtr	1,708	1,424	1,771	4,840	2,495	4,269	33,160	21,124	30,722

(a) Excludes mattress supports made of rubber.

TABLE 13. TEXTILE FLOOR COVERINGS(a)
(*000 square metres)

Period	Tufted				Total			
	Wool or fine animal hair(b) (659.41)	Man-made fibres(b) (659.42,43)	Other textile materials (659.49)	Woven (659.51,53)	Other (659.20, 61.62)	Original	Seasonally adjusted(c)	Trend(d)
1987-88	13,396	23,857	n.a.	n.a.	n.a.	42,226	...	...
1988-89	13,323	28,630	n.a.	n.a.	n.a.	45,921	...	...
1989-90	11,504		28,860	2,361	1,462	44,188	...	...
1989—								
July	996		n.p.	221	n.p.	3,553	3,413	3,607
August	1,118		n.p.	223	n.p.	4,019	3,540	3,582
September	995		2,753	205	102	4,054	3,589	3,612
October	981		2,709	215	112	4,016	3,610	3,706
November	1,094		3,032	220	169	4,515	3,853	3,818
December	912		n.p.	168	n.p.	3,732	3,955	3,897
1990—								
January	385		1,063	n.p.	n.p.	1,603	4,213	3,908
February	919		2,350	n.p.	n.p.	3,617	3,727	3,858
March	1,020		2,630	n.p.	n.p.	3,993	3,760	3,789
April	859		1,941	n.p.	n.p.	3,054	3,626	3,753
May	1,164		2,696	n.p.	n.p.	4,239	3,652	3,736
June	1,061		2,411	184	137	3,794	3,703	3,736
July	1,124		2,817	210	143	4,294	4,039	3,728
August	1,168		2,740	227	121	4,255	3,800	3,705
September	982		2,388	164	113	3,647	3,329	3,660
1989-90 : July to Sept.	3,109		n.p.	649	n.p.	11,626	...	...
1990-91 : July to Sept.	3,274		7,945	601	377	12,196	...	...

(a) Consisting of carpets, carpeting (excluding underfelt), floor rugs, mats and matting of, or predominantly of, textile materials other than coir, sisal, or other hard fibres.
 (b) Prior to July 1989 only includes piece goods. (c) See paragraph 5, Explanatory Notes. (d) See paragraph 6 to 9, Explanatory Notes.

TABLE 14. TOWELS, SHEETS, PILLOW CASES AND BOLSTER CASES
(*000 square metres)

Period	Towels (including tea towels) of cotton terry towelling or similar cotton terry fabrics			Sheets, pillow cases and bolster cases	
	Not exceeding 55 cm in width (658.61)	Exceeding 55 cm but not exceeding 75 cm in width (658.62)	Exceeding 75 cm in width (658.63)	Cotton (658.49)	Other (658.55)
1989-90	683	2,122	738	n.p.	n.p.
1989—					
July	73	216	n.p.	n.p.	n.p.
August	84	326	n.p.	n.p.	n.p.
September	57	254	138	n.p.	n.p.
October	65	251	52	n.p.	n.p.
November	34	211	50	n.p.	n.p.
December	n.p.	n.p.	n.p.	n.p.	n.p.
1990—					
January		59		n.p.	n.p.
February		139		n.p.	n.p.
March		216		n.p.	n.p.
April	65	103	48	n.p.	n.p.
May	47	175	52	n.p.	n.p.
June		392		n.p.	n.p.
July	42	161	43	n.p.	n.p.
August	32	185	55	n.p.	n.p.
September	87	191	40	n.p.	n.p.
1989-90 : July to Sept.	214	796	n.p.	n.p.	n.p.
1990-91 : July to Sept.	161	537	138	n.p.	n.p.

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 10.

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 had been taken not only of normal seasonal factors but also, where appropriate, of 'working-day' effects (arising from the varying number 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. Because of the highly irregular nature of some production series it is not possible to discern with reasonable confidence the current direction of the trend at the end of these series. For such highly irregular series the ABS does not provide the last two trend estimates.

9. 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

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

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

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

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

Manufacturing Production, Australia, Food, Drink, Tobacco, Stock and Poultry Food (8359.0) — issued monthly

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

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

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

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

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

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

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

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

11. 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.

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