



**Australian
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Manufacturing Production Australia

Fibres, Yarns, Fabrics, Bedding and Floor Coverings

June 1991

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MANUFACTURING PRODUCTION AUSTRALIA
FIBRES, YARNS, FABRICS, BEDDING
AND FLOOR COVERINGS
JUNE 1991

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AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 8360.0

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CONTENTS

<i>Table</i>		<i>Page</i>
1.	Scoured and carbonised wool	1
2.	Wool and man-made fibre tops	1
3.	Wool yarn	2
4.	Cotton yarn	3
5.	Synthetic fibre yarn	3
6.	Wool broadwoven fabric	4
7.	Cotton broadwoven fabric	4
8.	Man-made fibres broadwoven fabric	5
9.	Knitted or crocheted fabrics	6
10.	Towels, sheets, pillow cases and bolster cases	6
11.	Textile floor coverings	7
12.	Mattresses and mattress supports: Australia	7
13.	Inner spring mattresses: States	8
14.	Sprung mattress supports: States	9
..	Explanatory Notes	10

INQUIRIES

- for further information about statistics in this publication and the availability of related unpublished statistics contact Kevin Squair on Canberra (06) 252 5558 or any ABS State office.
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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)
1988-89	100,977	18,865
1989-90	85,713	19,315
1990-91	107,248	17,748
1990—		
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
October	8,685	1,423
November	9,160	1,277
December	8,507	1,106
1991—		
January	8,262	1,189
February	9,799	1,344
March	9,966	1,628
April	10,012	1,828
May	11,210	1,537
June	10,717	2,016

(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 fellmongered, dead or waste wool prior to July 1989.

TABLE 2. WOOL AND MAN-MADE FIBRE TOPS
(tonnes)

Tops of, or predominantly of					
Sheep's or lambs' wool (classified by micron)					
Period	23 and finer (268.72.74)	24 to 27 (268.75)	28 and above (268.76)	Total	Man-made fibres (262.03)
1988-89	15,175	6,807	4,577	26,559	864
1989-90	10,635	4,977	3,876	19,488	703
1990-91	13,857	7,939	3,299	25,096	650
1990—					
April	820	305	270	1,395	64
May	1,015	550	408	1,973	80
June	1,243	434	206	1,883	67
July	1,070	350	418	1,838	49
August	1,260	536	280	2,076	62
September	959	592	247	1,798	66
October	1,174	679	225	2,078	58
November	881	935	279	2,095	71
December	856	672	198	1,726	51
1991—					
January	803	527	244	1,574	42
February	1,484	325	332	2,140	52
March	1,679	533	255	2,467	39
April	1,216	689	182	2,087	46
May	1,378	925	194	2,496	69
June	1,098	1,177	445	2,720	43

TABLE 3. WOOL YARN(a)
(tonnes)

Period	Used in carpet manufacture		Other woollen(b)	
	Pure(c) (651.01)(e)	Mixture(d) (651.03)(f)	Pure(c) (651.02)	Mixture(d) (651.04)
1988-89	8,649	6,192	1,082	1,106
1989-90	8,096	5,961	894	1,080
1990-91	8,237	5,338	926	959
1990—				
April	541	443	71	79
May	818	544	93	103
June	652	505	73	73
July	757	492	75	84
August	788	477	101	107
September	738	423	59	96
October	827	544	54	114
November	781	484	81	111
December	470	375	45	64
1991—				
January	326	209	56	37
February	653	435	76	79
March	662	444	84	60
April	717	389	90	53
May	824	467	103	79
June	693	600	101	74

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

Period	Other worsted(g)				Total wool yarn		
	Pure(c)		Mixture(d)		Original	Seasonally adjusted(i)	Trend(j)
	Machine knitting (651.05)	Other (651.06)(h)	Machine knitting (651.07)	Other (651.08)(h)			
1988-89	1,850	772	869	938	21,458	...	...
1989-90	1,470	686	964	602	19,754	...	...
1990-91	1,352	683	901	409	18,805	...	...
1990—						r	r
April	67	38	69	48	1,356	1,600	1,643
May	126	78	83	37	1,882	1,647	1,619
June	124	62	96	43	1,629	1,569	1,600
July	113	65	78	31	1,695	1,542	1,582
August	123	77	87	34	1,794	1,582	1,574
September	174	56	59	31	1,638	1,616	1,577
October	142	63	83	25	1,853	1,558	1,577
November	157	79	103	30	1,825	1,607	1,570
December	92	44	56	41	1,187	1,500	1,560
1991—						r	r
January	63	35	36	28	790	1,646	1,551
February	98	51	79	34	1,505	1,457	1,553
March	101	58	81	42	1,532	1,579	1,567
April	69	49	78	35	1,480	1,560	1,588
May	141	59	91	45	1,808	1,637	1,613
June	78	49	71	33	1,699	1,685	1,641

(a) Excludes elastic or elastometric. (b) Predominantly of carded sheep's or lambs' wool or carded fine animal hair. (c) Containing 95 per cent or more by weight of sheep's or lambs' wool. (d) Containing less than 95 per cent by weight of sheep's or lambs' wool. (e) Includes part of Australian Standard Commodity Classification (ASCC) item 651.06. (f) Includes part of ASCC item 651.08. (g) Predominantly of combed sheep's or lambs' wool or combed fine animal hair. (h) Excludes worsted yarn used in carpet manufacture. (i) See paragraph 5, Explanatory Notes. (j) 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		Trend(c)
			Original	Seasonally adjusted(b)	
1988-89	n.a.	n.a.	20,504	..	..
1989-90	19,204	1,399	20,603	..	..
1990-91	22,748	1,032	23,781	..	..
1990—				f	f
April	1,335	63	1,398	1,601	1,645
May	n.p.	n.p.	2,188	1,837	1,695
June	n.p.	n.p.	1,945	1,742	1,778
July	1,714	113	1,827	1,718	1,841
August	2,223	116	2,339	1,965	1,900
September	2,116	156	2,272	2,153	1,981
October	2,343	167	2,510	2,168	2,092
November	1,920	65	1,984	1,750	2,213
December	1,399	99	1,498	1,894	2,301
1991—				f	f
January	1,043	22	1,065	3,431	2,319
February	2,195	68	2,264	2,230	2,268
March	1,807	46	1,853	1,797	2,170
April	1,807	54	1,861	2,004	2,048
May	2,201	72	2,273	1,800	1,942
June	1,981	54	2,035	1,998	1,834

(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)

Yarn of synthetic staple fibres									
Other fibres									
Period	Synthetic filament yarn other than polyamide (651.54)	Acrylic		Containing 85% or more by weight of synthetic staple fibres		Containing less than 85% by weight of synthetic staple fibres		Total	
		Used in carpet manufacture (651.56.67)	Other (651.57.68)	Used in carpet manufacture (651.58)	Other (651.65)	Polyester mixed with cotton (651.66)	Other (651.78)		
1988-89	n.a.	n.p.	908	n.a.	n.a.	n.p.	n.a.	10,359	
1989-90	n.p.	n.p.	869	1,241	n.p.	5,027	602	9,924	
1990-91	2,818	n.p.	614	1,013	n.p.	6,485	549	11,172	
1990—								f	
April	n.p.	n.p.	66	76	n.p.	433	53	802	
May	n.p.	n.p.	73	108	n.p.	552	75	1,011	
June	n.p.	n.p.	79	92	n.p.	670	42	1,046	
July	347	n.p.	57	103	n.p.	652	31	1,055	
August	265	n.p.	42	134	n.p.	611	59	1,021	
September	235	n.p.	42	105	n.p.	497	31	882	
October	360	n.p.	54	61	n.p.	560	38	932	
November	315	n.p.	60	102	n.p.	511	67	967	
December	305	n.p.	56	53	n.p.	464	26	781	
1991—								f	
January	69	n.p.	26	24	n.p.	235	48	443	
February	202	n.p.	66	89	n.p.	534	50	954	
March	170	n.p.	56	66	n.p.	628	38	1,049	
April	208	n.p.	33	40	n.p.	502	38	833	
May	177	n.p.	60	196	n.p.	565	63	1,028	
June	165	n.p.	62	141	n.p.	726	48	1,226	

(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)
(⁰000 square metres)

Period	Woolen(b)			Total		
	Pure(d) (654 23.38)	Mixture(e) (654 24.36)	Worsted(c) (654 25.26, 37.39)	Original	Seasonally adjusted(f)	Trend(g)
1988-89	2,914	1,898	4,990	9,803	..	..
1989-90	2,620	1,694	4,145	8,459	..	..
1990-91	2,124	1,371	4,145	7,641	..	..
1990—					τ	τ
April	163	139	176	477	594	623
May	220	146	279	645	595	626
June	246	139	308	692	675	639
July	213	164	291	669	668	653
August	259	151	399	810	685	664
September	170	63	384	617	652	671
October	165	73	507	745	644	675
November	186	85	505	776	666	669
December	120	69	370	558	713	655
1991—					τ	τ
January	118	86	196	401	635	637
February	150	189	279	703	641	619
March	193	112	252	557	549	605
April	159	102	207	468	522	598
May	210	152	372	734	696	597
June	181	125	297	603	607	600

(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 woolen 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)
(⁰000 square metres)

Period	Other than pile and chenille			Total		
	Terry(b) (652.16)	Containing less than 85% by weight of cotton (652.80)	Containing 85% or more by weight of cotton (652.70)	Original(c)	Seasonally adjusted(d)	Trend(e)
1988-89	10,106	n.p.	23,862	36,316	..	..
1989-90	9,224	n.p.	24,928	40,392	..	..
1990-91	8,866	2,674	24,147	35,687	..	..
1990—					τ	τ
April	736	655	1,765	3,156	3,398	3,318
May	725	638	2,877	4,240	3,537	3,341
June	897	450	n.p.	3,951	3,525	3,322
July	679	450	2,455	3,584	3,147	3,220
August	881	284	2,421	3,586	2,991	3,106
September	810	189	2,199	3,198	2,953	3,067
October	791	395	2,368	3,553	3,283	3,123
November	856	260	1,941	3,056	2,766	3,259
December	520	198	1,685	2,403	3,205	3,384
1991—					τ	τ
January	279	67	879	1,225	4,458	3,415
February	722	241	2,374	3,338	3,245	3,324
March	852	181	1,806	2,839	2,860	3,149
April	634	123	2,200	2,957	3,010	2,948
May	942	139	1,930	3,012	2,378	n.y.a.
June	899	145	1,890	2,934	2,812	n.y.a.

(a) Broadwoven fabric of, or predominantly of, cotton. Excludes gauze and elastic fabrics. (b) Includes terry towelling and similar fabrics. (c) Also includes pile and chenille fabrics other than terry towelling and similar fabrics. (Australian Standard Commodity Classification item 652.17.) (d) See paragraph 5, Explanatory Notes. (e) See paragraph 6 to 9, Explanatory Notes.

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

Of, or predominantly of, synthetic staple fibres(b)							
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				Fibres 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)	
1988-89		5,128	39,828	20,301	3,692	18	289
1989-90	2,665	1,130	34,872	23,499	2,374	65	332
1990-91	1,331	1,095	46,678	27,209	2,395	n.p.	318
1990—							
April	195	72	2,353	1,793	114	n.p.	25
May	295	95	3,273	2,126	252	n.p.	33
June	215	119	3,889	2,402	218	n.p.	12
July	140	119	3,311	2,077	185	n.p.	n.p.
August	146	107	3,647	2,429	230	8	n.p.
September	90	118	4,645	2,285	237	n.p.	n.p.
October	143	109	3,912	2,416	267	n.p.	17
November	121	101	4,036	2,365	335	n.p.	42
December	112	67	4,086	2,065	146	n.p.	44
1991—							
January	44	38	1,156	496	95	n.p.	27
February	146	107	4,394	3,015	132	n.p.	35
March	83	90	4,825	2,724	184	n.p.	39
April	110	82	3,696	2,097	217	n.p.	36
May	108	81	4,120	2,512	231	n.p.	16
June	88	76	4,850	2,428	137	n.p.	n.p.

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

<i>Of, or predominantly of, synthetic filaments(b)</i>							
Period	<i>Containing 85% or more by weight of synthetic filaments and predominantly of</i>				<i>Total man-made fibres broadwoven fabric</i>		
	<i>Polyamide (653.71)</i>	<i>Polyester (653.72)</i>	<i>Polyethylene, polypropylene (653.73)</i>	<i>Other (653.74.75)</i>	<i>Other(d) (653.50, 76.90)</i>	<i>Original</i>	<i>Seasonally-adjusted(e)</i>
1988-89	490	7,021	99,804	535	14,489	191,506	...
1989-90	249	7,471	89,663	446	11,083	173,848	...
1990-91	330	5,873	84,607	n.p.	9,072	179,386	...
1990—							
April	8	385	6,979	n.p.	703	12,667	14,043
May	15	636	8,282	n.p.	901	15,951	14,839
June	24	570	8,425	n.p.	926	16,832	14,531
July	23	515	8,371	n.p.	785	15,879	14,877
August	25	530	7,831	n.p.	877	15,888	13,885
September	22	460	7,556	33	807	16,283	15,543
October	27	443	7,760	n.p.	819	15,957	14,974
November	31	634	8,456	n.p.	897	17,064	15,092
December	40	443	6,808	n.p.	769	14,624	15,987
1991—							
January	8	100	2,266	n.p.	139	4,379	14,818
February	39	572	6,929	n.p.	809	16,212	15,470
March	21	588	8,035	n.p.	780	17,416	16,346
April	19	449	6,930	n.p.	724	14,385	15,104
May	42	720	6,392	n.p.	796	15,068	13,683
June	34	419	7,274	n.p.	871	16,232	14,785

(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 9, Explanatory Notes.

TABLE 9. KNITTED OR CROCHETED FABRICS

Period	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	tonnes	'000 sqm
1989-90 r	2,332	2,834	8,774	13,940	14,317
1990-91	2,137	2,199	11,716	16,052	n.p.
1989—					
September qtr	533	848	2,689	4,070	4,269
December qtr	547	889	2,392	3,828	n.p.
1990—					
March qtr	485	1,533	1,734	2,752	n.p.
June qtr	768	564	1,959	3,290	n.p.
September qtr	477	1,587	2,466	3,531	4,110
December qtr	440	1,656	2,895	3,991	14,356
1991—					
March qtr r	487	421	2,961	3,869	3,542
June qtr	733	535	3,394	4,662	n.p.

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

TABLE 10. 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	1,130	13,346	938	n.p.	n.p.
1990-91	1,150	3,655	987	1,360	n.p.
1990—					
April	1,102	1,199	37	n.p.	n.p.
May	1,097	1,299	79	n.p.	n.p.
June	r	r			
July	76	263	65	n.p.	n.p.
August	62	289	72	n.p.	n.p.
September	116	286	57	n.p.	n.p.
October	143	283	84	82	n.p.
November	170	344	90	127	n.p.
December	125	276	59	121	n.p.
1991—					
January	41	117	65	n.p.	n.p.
February	123	293	84	n.p.	n.p.
March	83	397	95	n.p.	n.p.
April	62	318	80	58	n.p.
May	76	393	134	n.p.	n.p.
June	73	396	103	153	n.p.

TABLE 11. 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)
1988-89	13,323	28,630	n.a.	n.a.	n.a.	45,921	...	...
1989-90	11,679	29,363	694	2,386	1,783	44,905	...	...
1990-91	11,663	28,261	64	2,123	742	42,854	...	...
1990—								
April	865	1,956	31	n.p.	n.p.	3,054	3,613	3,777
May	1,170	2,697	64	n.p.	n.p.	4,240	3,740	3,724
June	1,066	2,382	57	186	66	3,756	3,647	3,706
July	1,127	2,825	36	210	65	4,263	3,835	3,673
August	1,172	2,762	3	227	64	4,228	3,747	3,641
September	1,015	2,351	3	166	139	3,674	3,516	3,635
October	1,168	2,810	4	261	62	4,306	3,744	3,663
November	1,041	2,563	4	200	72	3,878	3,290	3,712
December	798	2,242	3	188	54	3,284	3,509	3,758
1991—								
January	512	1,340	2	69	35	1,958	4,901	3,772
February	927	2,178	2	170	52	3,330	3,446	3,737
March	907	2,059	1	142	51	3,159	3,225	3,658
April	910	2,342	2	147	48	3,449	3,730	3,568
May	1,088	2,487	2	186	49	3,812	3,414	3,496
June	998	2,303	2	157	51	3,512	3,513	3,415

(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. A number of series have been revised due to correction of misreporting. (b) Prior to July 1989 only includes piece goods. (c) See paragraph 5, Explanatory Notes. (d) See paragraph 6 to 9, Explanatory Notes.

TABLE 12. MATTRESSES AND MATTRESS SUPPORTS: AUSTRALIA(a)
(number)

Period	Water mattresses			Mattresses of artificial plastic material (expanded foam or sponge)		Spring 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)	
1988-89	871,403	12,925	72,060	n.a.	n.a.	443,589
1989-90	852,562	18,962	91,721	105,880	90,172	397,770
1990-91	793,801	18,285	87,864	94,287	51,796	328,998
1988—						
September qtr	222,725	2,890	17,482	Not available prior to September Quarter 1989		113,424
December qtr	224,567	3,607	17,708			110,610
1989—						
March qtr	201,606	3,018	18,025			101,005
June qtr	222,130	3,410	18,845			118,550
September qtr	214,802	4,981	23,929	27,851	28,023	97,450
December qtr	229,180	5,127	24,996	26,916	28,576	107,947
1990—						
March qtr	203,016	4,403	22,629	30,945	21,519	99,933
June qtr	205,564	4,451	20,167	20,168	12,054	92,440
September qtr	205,007	5,092	23,666	23,140	10,203	84,735
December qtr	206,889	4,516	24,162	20,332	13,601	89,131
1991—						
March qtr	186,355	3,856	19,188	19,703	17,747	74,390
June qtr	195,550	4,821	20,848	31,112	10,245	80,742

(a) A number of series have been revised due to increased coverage of various commodities as a result of reconciliation with the 1989-90 Manufacturing Census. (b) Excludes mattress supports made of rubber.

TABLE 13. INNER SPRING MATTRESSES: STATES(a)
(number)

Period	NSW			Vic.			Qld		
	Width exceeding 107 cm but not including 138 cm			Width exceeding 107 cm but not including 138 cm			Width exceeding 107 cm but not including 138 cm		
	up to and including 107 cm (821.97)	exceeding 107 cm but not including 138 cm (821.98)	exceeding 138 cm (821.99)	up to and including 107 cm (821.97)	exceeding 107 cm but not including 138 cm (821.98)	exceeding 138 cm (821.99)	up to and including 107 cm (821.97)	exceeding 107 cm but not including 138 cm (821.98)	exceeding 138 cm (821.99)
1988-89	165,792	71,951	61,129	143,802	68,925	68,988	70,942	32,643	33,110
1989-90	139,170	65,443	60,567	161,584	66,430	67,857	79,028	32,947	39,978
1990-91	142,607	55,120	51,625	152,170	57,892	63,183	72,266	32,623	36,958
1988—									
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	14,738	40,641	19,014	19,679	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	28,757	18,562	19,205	17,099	8,244	8,757
September qtr	136,546	117,100	114,785	40,086	16,297	16,800	19,506	8,473	9,253
December qtr	136,411	118,504	116,032	47,103	18,981	18,784	19,904	7,930	9,534
1990—									
March qtr	31,381	14,374	15,130	35,101	15,800	16,623	20,029	8,152	11,599
June qtr	34,832	15,465	14,620	19,294	15,352	15,650	19,589	8,392	9,592
September qtr	37,201	13,615	12,378	40,042	15,671	16,002	19,799	8,364	9,100
December qtr	38,096	14,402	12,404	40,960	15,918	16,967	19,492	7,887	9,166
1991—									
March qtr	34,477	13,671	14,084	33,098	12,626	13,044	15,465	7,795	8,121
June qtr	32,833	13,432	12,759	38,070	13,677	17,170	17,510	8,577	10,571

TABLE 13. INNER SPRING MATTRESSES: STATES(a)—continued
(number)

Period	SA			WA and Tas			Australia		
	Width exceeding 107 cm but not including 138 cm			Width exceeding 107 cm but not including 138 cm			Width exceeding 107 cm but not including 138 cm		
	up to and including 107 cm (821.97)	exceeding 107 cm but not including 138 cm (821.98)	exceeding 138 cm (821.99)	up to and including 107 cm (821.97)	exceeding 107 cm but not including 138 cm (821.98)	exceeding 138 cm (821.99)	up to and including 107 cm (821.97)	exceeding 107 cm but not including 138 cm (821.98)	exceeding 138 cm (821.99)
1988-89	32,256	11,025	9,771	55,924	21,161	23,609	468,716	205,705	196,607
1989-90	27,512	8,490	9,632	54,596	17,066	22,262	1461,890	1190,376	1200,296
1990-91	28,622	9,407	11,030	41,730	14,978	23,590	437,395	170,020	186,386
1988—									
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	5,716	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	7,500	2,222	2,587	13,374	4,981	5,292	117,012	149,073	148,717
December qtr	7,210	1,960	2,525	14,338	4,241	5,723	1124,966	151,616	152,598
1990—									
March qtr	6,186	2,086	2,391	14,633	3,924	5,607	107,330	44,336	51,350
June qtr	6,616	2,222	2,120	12,251	3,920	5,640	112,582	45,351	47,631
September qtr	6,786	2,330	2,524	11,348	3,726	6,121	115,176	43,706	46,125
December qtr	7,840	2,384	2,751	10,018	3,646	4,958	116,406	44,237	46,246
1991—									
March qtr	7,525	2,341	2,875	11,307	3,956	5,970	101,872	40,389	44,094
June qtr	6,471	2,352	2,880	9,057	3,650	6,541	103,941	41,688	49,921

(a) A number of series have been revised due to increased coverage of various commodities as a result of reconciliation with the 1989-90 Manufacturing Census.

TABLE 14. SPRUNG MATTRESS SUPPORTS: STATES(a)
(number)

Period	NSW			Vic.			Qld		
	Width up to and including 107 cm (821 22)	Width exceeding 107 cm but not exceeding 138 cm (821 24)	Width exceeding 138 cm (821 26)	Width up to and including 107 cm (821 22)	Width exceeding 107 cm but not exceeding 138 cm (821 24)	Width exceeding 138 cm (821 26)	Width up to and including 107 cm (821 22)	Width exceeding 107 cm but not exceeding 138 cm (821 24)	Width exceeding 138 cm (821 26)
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	46,975	28,703	45,229	38,264	21,617	31,256
1990-91	39,611	26,118	31,892	34,972	20,114	37,609	29,820	17,413	25,669
1988—									
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	10,776	6,235	10,246	9,066	5,376	7,423
September qtr	9,960	6,986	7,849	9,373	5,387	10,086	7,236	4,758	6,748
December qtr	9,696	6,739	7,541	9,554	5,707	9,972	8,419	4,926	6,446
1991—									
March qtr	10,180	5,871	8,124	7,323	4,869	8,353	6,145	3,522	5,363
June qtr	9,775	6,522	8,378	8,722	4,151	9,198	8,020	4,207	7,112

TABLE 14. SPRUNG MATTRESS SUPPORTS: STATES(a)—continued
(number)

Period	SA			WA and Tas			Australia		
	Width up to and including 107 cm (821 22)	Width exceeding 107 cm but not exceeding 138 cm (821 24)	Width exceeding 138 cm (821 26)	Width up to and including 107 cm (821 22)	Width exceeding 107 cm but not exceeding 138 cm (821 24)	Width exceeding 138 cm (821 26)	Width up to and including 107 cm (821 22)	Width exceeding 107 cm but not exceeding 138 cm (821 24)	Width exceeding 138 cm (821 26)
1988-89	10,650	6,158	7,606	19,852	14,983	20,888	176,854	113,008	153,727
1989-90	8,797	4,960	7,320	16,648	10,586	15,076	160,059	100,485	137,226
1990-91	7,697	5,136	7,619	19,652	10,301	15,375	131,752	79,082	118,164
1988—									
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	2,352	1,965	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	39,905
September qtr	2,361	1,246	2,031	2,983	2,698	3,295	38,005	25,648	33,797
December qtr	2,087	1,096	1,918	4,261	2,565	3,499	43,791	26,739	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	43,874	22,714	31,852
September qtr	1,628	1,319	1,801	4,840	2,495	4,269	33,037	20,945	30,753
December qtr	2,166	1,251	1,881	8,171	3,167	3,495	38,006	21,790	29,335
1991—									
March qtr	1,810	1,219	1,986	3,541	2,359	3,725	28,999	17,840	27,551
June qtr	2,093	1,347	1,951	3,100	2,280	3,886	31,710	18,507	30,525

(a) Excludes mattress supports made of rubber.

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 has 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. As happens with all seasonally adjusted series the seasonal factors are reviewed annually to take account of each additional year's original data. The results of the latest review were used to compile the reviewed seasonally adjusted and trend estimates contained in this bulletin. Regular subscribers can obtain a complementary copy of the full revised series on request.

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

7. While this smoothing technique enables estimates of trend to be produced for the latest month, it does result in revisions to the estimates for the most recent months as data for subsequent months become available. Generally subsequent revisions become smaller and after 3 months

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

8. 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

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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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n.a. not available
.. not applicable
r revised since last issue
— nil or rounded to zero
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