



**Australian
Bureau of
Statistics**

Manufacturing Production Australia

Fibres, Yarns, Fabrics, Bedding and Floor Coverings

August - October 1993

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MANUFACTURING PRODUCTION AUSTRALIA

**FIBRES, YARNS, FABRICS, BEDDING
AND FLOOR COVERINGS
AUGUST - OCTOBER 1993**

IAN CASTLES
Australian Statistician

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 fibre 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- *for further information about statistics in this publication and the availability of related unpublished statistics* contact Rod Smith on Melbourne (03) 615 7635 or any ABS office.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.
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TABLE 1. SCOURED AND CARBONISED WOOL(a)
(tonnes)

Period	<i>Sheep's or lambs' wool(b)</i>	
	<i>Scoured or otherwise degreased (c)</i> (268.21)	<i>Carbonised</i> (268.29)
1990-91	122,686	18,337
1991-92	148,918	25,924
1992-93	145,204	25,822
1992 —		
August	10,062	2,283
September	13,012	2,194
October	12,854	1,946
November	13,204	2,280
December	12,464	2,048
1993 —		
January	12,199	1,879
February	12,572	2,275
March	13,500	2,475
April	11,084	1,931
May	12,039	2,418
June	11,097	2,060
July	11,110	1,842
August	12,392	1,562
September	12,190	1,571
October	12,333	1,581
1992-93: July to Oct.	47,046	8,454
1993-94: July to Oct.	48,024	6,557

(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.

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

	<i>Tops of, or predominantly of</i>				
	<i>Sheep's or lambs' wool (classified by micron)</i>				
<i>Period</i>	<i>23 and finer (268.72.74)</i>	<i>24 to 27 (268.75)</i>	<i>28 and above (268.76)</i>	<i>Total</i>	<i>Man-made fibres (262.03)</i>
1990-91	15,482	9,331	3,299	28,112	650
1991-92	20,525	12,165	4,358	37,048	644
1992-93	22,706	11,427	3,587	37,720	602
1992 —					
August	1,975	647	480	3,103	60
September	2,345	835	358	3,538	44
October	1,973	807	238	3,018	46
November	1,949	1,005	244	3,198	40
December	1,390	1,060	139	2,588	48
1993 —					
January	1,719	764	176	2,660	46
February	1,888	998	270	3,156	53
March	1,928	1,447	373	3,748	53
April	1,834	759	322	2,915	45
May	1,918	909	473	3,300	63
June	1,983	1,104	204	3,291	50
July	2,031	623	290	2,944	n.p.
August	2,498	835	219	3,551	43
September	2,153	960	197	3,309	31
October	2,205	836	134	3,176	21
1992-93: July to Oct.	8,097	3,381	1,385	12,863	205
1993-94: July to Oct.	8,887	3,254	840	12,981	n.p.

TABLE 3. WOOL YARN(a)
(tonnes)

Period	Used in carpet manufacture		Other woollen(b)	
	Pure(c) (651.01.11)	Mixture(d) (651.03.13)	Pure(c) (651.02)	Mixture(d) (651.04)
1990-91	8,232	5,338	926	959
1991-92	7,735	5,562	1,236	820
1992-93	7,307	r 4,711	1,454	949
1992 —				
August	647	396	122	92
September	684	493	134	87
October	637	r 507	136	83
November	650	430	135	82
December	601	329	97	59
1993 —				
January	356	177	84	50
February	658	346	95	85
March	652	417	113	72
April	611	389	98	89
May	618	371	109	86
June	579	435	171	74
July	r 769	r 432	162	81
August	810	503	126	89
September	777	415	166	79
October	745	384	139	70
1992-93: July to Oct.	2,583	1,815	554	352
1993-94: July to Oct.	3,101	1,734	594	319

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

Period	Other worsted(e)				Total wool yarn		
	Pure(c)		Mixture(d)		Original	Seasonally adjusted(f)	Trend(g)
	Machine knitting (651.05)	Other (651.12)	Machine knitting (651.07)	Other (651.14)			
1990-91	1,357	686	901	409	18,809	..	..
1991-92	1,323	663	847	365	18,551	..	..
1992-93	1,411	1,306	n.p.	n.p.	r 18,167	..	..
1992 —							r
August	108	115	66	30	1,576	1,520	1,500
September	134	131	60	32	1,755	1,511	1,513
October	149	120	79	22	r 1,732	r 1,538	1,518
November	137	n.p.	65	n.p.	1,635	1,487	1,518
December	134	88	51	11	1,370	1,535	1,520
1993 —							r
January	86	68	38	13	872	1,957	1,518
February	112	93	65	12	1,466	1,466	1,512
March	115	97	67	17	1,550	1,419	1,508
April	104	110	61	23	1,485	1,696	1,510
May	105	123	83	9	1,502	1,462	1,521
June	115	n.p.	n.p.	n.p.	1,601	1,404	1,537
July	87	106	n.p.	n.p.	r 1,694	r 1,594	1,553
August	110	102	66	13	1,819	1,672	1,564
September	143	143	56	n.p.	1,796	1,579	1,570
October	123	112	43	15	1,632	1,497	1,563
1992-93: July to Oct.	503	483	280	115	6,686	..	..
1993-94: July to Oct.	464	463	n.p.	60	6,942	..	..

(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 sheep's or lambs' wool. (d) Containing less than 95 per cent by weight of sheep's or lambs' wool. (e) Predominantly of combed sheep's or lambs' wool or combed fine animal hair. (f) See paragraph 5, Explanatory Notes. (g) See paragraph 6 to 9, Explanatory Notes.

TABLE 4. COTTON YARN(a)
(tonnes)

Period	85 per cent or more by weight of cotton (651.35)	Predominantly of, but less than 85 per cent by weight of cotton (651.36)	Total cotton yarn		
			Original	Seasonally adjusted(b)	Trend(c)
1990-91	22,752	1,032	23,785	..	..
1991-92	24,422	647	25,069	..	..
1992-93	25,871	473	26,344	..	..
1992 —					
August	1,993	52	2,045	1,971	1,972
September	2,200	47	2,247	2,003	2,004
October	2,216	49	2,265	1,919	2,062
November	2,170	29	2,199	2,252	2,134
December	n.p.	n.p.	1,941	2,284	2,193
1993 —					r
January	n.p.	n.p.	1,361	2,301	2,242
February	1,972	37	2,009	2,100	2,283
March	2,397	44	2,441	2,375	2,327
April	2,286	48	2,334	2,392	2,381
May	2,138	64	2,202	2,268	2,432
June	3,052	58	3,109	2,734	2,464
July	2,692	53	2,744	2,423	2,462
August	2,513	26	2,539	2,398	2,430
September	2,699	44	2,743	2,500	2,381
October	2,421	57	2,478	2,117	2,331
1992-93: July to Oct.	8,595	154	8,748	..	..
1993-94: July to Oct.	10,325	179	10,505	..	..

(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								Total
	Synthetic filament yarn other than polyamide (651.54)	Other fibres							
		Acrylic		Containing 85 per cent or more by weight of synthetic staple fibres		Containing less than 85 per cent by weight of synthetic staple fibres			
		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)		
1990-91	2,841	n.p.	591	1,013	n.p.	6,486	571	11,174	
1991-92	2,021	n.p.	586	1,127	n.p.	5,084	580	10,048	
1992-93	1,732	800	584	2,478		3,942	592	8,396	
1992 —									
August	180	95	63	182		325	n.p.	697	
September	162	87	49	195		419	31	781	
October	202	72	54	222		298	40	686	
November	150	76	55	217		313	51	712	
December	153	59	36	199		335	47	676	
1993 —									
January	76	n.p.	28	77		170	n.p.	344	
February	121	38	42	214		422	45	761	
March	116	n.p.	45	238		386	n.p.	783	
April	122	63	53	241		326	47	730	
May	151	n.p.	57	239		353	n.p.	805	
June	146	83	47	239		286	88	744	
July	128	56	23	r 226		243	102	r 650	
August	109	75	43	213		339	97	768	
September	114	49	33	216		263	125	686	
October	139	n.p.	27	220		399	79	779	
1992-93: July to Oct.	697	321	221	815		1,350	n.p.	2,842	
1993-94: July to Oct.	490	n.p.	126	876		1,244	403	2,882	

(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	Woollen(b)		Worsted(c) (654.25,26, 37,39)	Total		
	Pure(d) (654.23,38)	Mixture(e) (654.24,36)		Original	Seasonally adjusted(f)	Trend(g)
1990-91	2,124	1,371	4,145	7,641	..	..
1991-92	2,218	1,468	4,446	8,132	..	..
1992-93	2,736	1,578	4,029	8,343	..	..
1992 —						
August	197	127	282	606	584	655
September	227	131	359	717	664	669
October	218	151	431	800	730	690
November	266	131	415	813	736	715
December	203	84	364	651	703	737
1993 —						r
January	148	108	246	502	826	748
February	217	154	331	702	647	751
March	281	162	388	831	742	743
April	255	152	311	718	849	731
May	238	118	288	644	679	715
June	224	117	339	680	619	697
July	r 258	149	r 324	731	744	679
August	208	107	318	633	576	663
September	207	173	426	806	778	646
October	143	109	349	601	562	631
1992-93: July to Oct.	904	551	1,349	2,804	..	..
1993-94: July to Oct.	816	538	1,418	2,772	..	..

(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. (e) Containing less than 95 per cent by weight of sheep's or lambs' wool. (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		
	Terry(b) (652.16)	Containing less than 85 per cent by weight of cotton (652.80)	Containing 85 per cent or more by weight of cotton (652.70)	Original(c)	Seasonally adjusted(d)	Trend(e)
1990-91	8,866	2,752	24,147	35,766	..	..
1991-92	9,310	3,216	26,317	38,907	..	..
1992-93	10,851	2,852	27,706	41,410	..	..
1992 —						
August	940	308	2,187	3,435	3,278	3,128
September	1,013	343	2,122	3,478	3,293	3,216
October	1,047	250	2,863	4,160	3,391	3,332
November	1,024	196	2,139	3,358	3,543	3,426
December	697	152	1,913	2,762	3,473	3,467
1993 —						
January	466	147	786	1,400	3,372	3,493
February	867	223	2,370	3,460	3,475	r 3,528
March	1,040	204	2,464	3,707	3,683	r 3,589
April	1,011	261	2,585	3,857	3,588	r 3,678
May	1,046	232	2,657	3,935	3,683	r 3,775
June	906	245	3,311	4,462	4,243	3,851
July	1,084	300	3,107	4,492	3,451	3,892
August	1,009	312	2,916	4,237	4,175	3,903
September	745	368	3,353	4,467	4,096	n.y.a.
October	816	424	2,891	4,132	3,518	n.y.a.
1992-93: July to Oct.	3,794	1,193	9,481	14,468	..	..
1993-94: July to Oct.	3,654	1,405	12,267	17,327	..	..

(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 FIBRE BROADWOVEN FABRIC(a)
(*000 square metres)

Period	<i>Of, or predominantly of, synthetic staple fibres(b)</i>						
	<i>Containing 85 per cent or more by weight of synthetic staple fibres and predominantly of</i>			<i>Containing less than 85 per cent by weight of synthetic staple fibres and predominantly of</i>			
				<i>Polyester mixed mainly or solely with</i>			<i>Fibres other than polyester</i>
	<i>Polyester(c)</i> (653.21)	<i>Fibres other than polyester</i> (653.22)	<i>Cotton</i> (653.35)	<i>Viscose</i> (653.37)	<i>Wool or fine animal hair</i> (653.36)	<i>Other</i> (653.38)	
1990-91	1,332	1,095	46,678	31,799	3,040	n.p.	318
1991-92	1,432	1,028	49,350	33,858	2,133	n.p.	n.p.
1992-93	2,024	r 942	46,593	29,964	2,298	802	296
1992 —							
August	144	74	3,800	2,347	170	7	38
September	237	61	3,337	2,327	144	n.p.	n.p.
October	216	74	3,689	3,163	200	n.p.	n.p.
November	150	70	3,913	2,740	205	6	14
December	155	76	3,499	2,097	166	295	16
1993 —							
January	116	49	1,908	937	115	7	9
February	139	88	4,210	2,554	224	24	16
March	161	81	4,306	2,743	243	46	27
April	163	89	4,689	2,981	197	93	11
May	216	105	4,142	2,655	266	131	34
June	184	r 84	4,471	2,644	193	135	59
July	145	105	4,823	2,479	227	99	21
August	130	116	3,796	2,352	211	48	8
September	230	107	3,840	2,579	250	19	21
October	189	110	4,516	2,453	213	26	12
1992-93: July to Oct.	741	299	15,453	10,612	689	64	110
1993-94: July to Oct.	694	438	16,976	9,863	902	192	62

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

Period	<i>Of, or predominantly of, synthetic filaments(b)</i>					<i>Total man-made fibre broadwoven fabric</i>		
	<i>Containing 85 per cent or more by weight of synthetic filaments and predominantly of</i>							
	<i>Polyamide</i> (653.71)	<i>Polyester</i> (653.72)	<i>Polyethylene, polypropylene</i> (653.73)	<i>Other</i> (653.74,75)	<i>Other(d)</i> (653.50, 76,92)	<i>Original</i>	<i>Seasonally adjusted(e)</i>	<i>Trend(f)</i>
1990-91	330	6,801	83,559	n.p.	9,072	184,502	..	..
1991-92	198	5,750	82,349	639	8,451	185,528	..	..
1992-93	182	6,540	84,612	680	10,128	r 185,060	..	..
1992 —								
August	19	499	6,715	n.p.	883	14,735	14,049	14,516
September	21	447	7,484	55	814	14,984	13,905	14,585
October	13	690	8,034	72	963	17,146	15,643	14,698
November	11	630	7,025	53	892	15,709	14,613	14,795
December	32	497	7,143	59	810	14,844	15,473	14,882
1993 —								
January	8	225	4,003	41	426	7,845	26,110	15,023
February	9	583	6,567	68	815	15,300	14,589	15,224
March	n.p.	596	8,363	43	906	17,529	15,646	15,472
April	25	562	5,677	73	949	15,509	15,841	15,719
May	13	575	8,052	n.p.	935	17,199	16,452	15,855
June	n.p.	602	8,077	66	942	r 17,461	r 15,788	15,800
July	n.p.	656	7,525	47	1,065	17,195	15,580	15,597
August	14	580	7,953	93	855	16,156	15,285	15,341
September	13	576	7,353	96	800	15,884	14,703	15,097
October	13	580	6,878	71	934	15,996	15,016	14,888
1992-93: July to Oct.	67	2,269	29,705	203	3,452	63,664	..	..
1993-94: July to Oct.	n.p.	2,391	29,709	307	3,655	65,231	..	..

(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	<i>Knitted or crocheted fabrics(a)</i>			Total
	<i>Pile</i> (655.11,12,19)	<i>Warp knit</i> (655.23,24)	<i>Other(b)</i> (655.25,29)	
	tonnes	tonnes	tonnes	tonnes
1990-91	5,362	2,199	12,771	20,332
1991-92	5,365	1,521	12,456	19,342
1992-93	r 5,852	1,722	r 9,908	r 17,481
1990—				
December qtr	1,205	656	3,084	4,944
1991—				
March qtr	1,100	421	3,203	4,724
June qtr	1,733	535	3,629	5,897
September qtr	1,472	313	3,744	5,529
December qtr	1,253	446	3,579	5,277
1992—				
March qtr	1,181	345	2,770	4,296
June qtr	1,459	418	2,363	4,240
September qtr	1,407	511	2,453	4,372
December qtr	1,474	472	2,410	4,357
1993—				
March qtr	1,470	373	2,412	4,256
June qtr	r 1,500	365	r 2,632	r 4,497
September qtr	1,044	505	2,636	4,185

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

TABLE 10. TOWELS, SHEETS, PILLOW CASES AND BOLSTER CASES
('000 square metres)

Period	<i>Towels (including tea towels) of cotton terry towelling or similar cotton terry fabrics(a)</i>			<i>Sheets, pillow cases and bolster cases of or predominantly of cotton</i> (658.49)
	<i>Not exceeding 55 cm in width</i> (658.61)	<i>Exceeding 55 cm but not exceeding 75 cm in width</i> (658.62)	<i>Exceeding 75 cm in width</i> (658.63)	
1990-91	1,356	4,739	1,722	1,354
1991-92	r 986	r 4,926	r 2,286	1,259
1992-93	r 1,322	r 4,857	r 3,343	967
1992 —	r	r	r	
August	104	387	296	101
September	112	410	365	102
October	101	465	293	76
November	104	432	353	103
December	69	345	185	98
1993 —				
January	61	222	138	n.p.
February	126	398	220	71
March	152	474	305	85
April	143	449	317	91
May	165	431	358	55
June	99	465	302	
July	112	429	382	n.p.
August	116	490	337	100
September	101	342	273	145
October	105	378	281	108
1992-93: July to Oct.	402	1,641	1,166	344
1993-94: July to Oct.	434	1,639	1,274	545

(a) Series has been revised due to misreporting by contributors to this item.

TABLE 11. TEXTILE FLOOR COVERINGS(a)
('000 square metres)

Period	Tufted			Woven (659.51.53)(b)	Other (659.20, 61.62)(b)	Total		
	Wool or fine animal hair (659.41)	Man-made fibres (659.42.43)	Other textile materials (659.49)			Original(b)	Seasonally adjusted(c)	Trend(d)
1990-91	11,665	r 28,107	64	n.p.	n.p.	r 41,648	..	..
1991-92	10,133	r 29,456	n.p.	n.p.	n.p.	r 41,265	..	..
1992-93	8,776	r 30,795	—	n.p.	n.p.	r 41,030	..	..
1992 —						r	r	r
August	819	2,864	—	n.p.	n.p.	3,812	3,576	3,384
September	873	2,908	—	n.p.	n.p.	3,927	3,508	3,403
October	787	2,799	—	n.p.	n.p.	3,704	3,274	3,433
November	785	2,996	—	n.p.	n.p.	3,913	3,582	3,456
December	815	2,376	—	n.p.	n.p.	3,311	3,360	3,475
1993 —						r	r	r
January	418	1,499	—	n.p.	n.p.	1,966	3,524	3,498
February	618	2,545	—	n.p.	n.p.	3,287	3,467	3,501
March	783	2,792	—	n.p.	n.p.	3,706	3,615	3,483
April	623	2,231	—	n.p.	n.p.	2,962	3,408	3,445
May	726	2,918	—	n.p.	n.p.	3,753	3,565	3,411
June	775	2,411	—	n.p.	n.p.	3,314	3,177	3,398
July	r 819		r 2,519	n.p.	n.p.	3,456	3,183	3,411
August	1,014		2,896	n.p.	n.p.	4,036	3,701	3,444
September	899		2,938	n.p.	n.p.	3,978	3,549	3,483
October	829		2,832	n.p.	n.p.	3,793	3,500	3,529
1992-93: July to Oct.	3,233	11,027	—	n.p.	n.p.	14,816	..	..
1993-94: July to Oct.	3,561		11,185	n.p.	n.p.	15,263	..	..

(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) This series has been revised due to misreporting. (c) See paragraph 5, Explanatory Notes. (d) See paragraph 6 to 9, Explanatory Notes.

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

Period	Mattresses of artificial plastic material (expanded foam or sponge)					Sprung mattress supports(a) (821.22.24.26)
	Inner spring mattresses (821.97.98.99)	Water mattresses 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)	
1990-91	793,757	18,285	87,824	126,698	72,329	329,852
1991-92	846,895	18,545	71,315	112,939	59,717	317,334
1992-93	r 875,096	r 14,119	r 65,025	r 128,426	r 90,643	327,000
1990—						
December qtr	210,383	4,516	24,162	28,703	18,850	87,376
1991—						
March qtr	188,208	3,856	19,188	27,826	23,558	76,513
June qtr	191,217	4,821	20,848	39,646	15,525	82,579
September qtr	222,585	4,729	18,962	26,933	14,382	81,608
December qtr	214,550	4,868	18,856	31,551	17,581	77,585
1992—						
March qtr	200,689	4,001	16,898	25,046	15,543	76,741
June qtr	209,071	4,947	16,599	29,409	12,211	81,400
September qtr	221,863	4,425	18,012	28,947	24,579	81,478
December qtr	235,886	4,083	16,683	34,528	23,692	91,017
1993—						
March qtr	204,937	2,687	14,893	32,562	21,144	76,420
June qtr	r 212,410	r 2,924	r 15,437	r 32,389	r 21,228	78,085
September qtr	234,521	3,154	15,053	33,920	22,691	86,978

(a) Excludes mattress supports made of rubber.

TABLE 13. INNER SPRING MATTRESSES: STATES
(number)

Period	NSW			Vic.			Qld		
	Width exceeding 107 cm but not exceeding 138 cm		Width exceeding 138 cm	Width exceeding 107 cm but not exceeding 138 cm		Width exceeding 138 cm	Width exceeding 107 cm but not exceeding 138 cm		Width exceeding 138 cm
	up to and including 107 cm	(821.97)		up to and including 107 cm	(821.98)		up to and including 107 cm	(821.98)	
1990-91	137,137	55,120	51,625	152,170	57,892	63,183	73,831	30,846	38,263
1991-92	140,587	52,205	62,521	140,680	57,079	75,332	76,542	35,133	48,307
1992-93	139,922	47,041	68,998	135,930	55,391	84,417	79,717	36,278	57,381
1990— December qtr	38,096	14,402	12,404	40,960	15,918	16,967	19,822	8,077	9,436
1991— March qtr	34,477	13,671	14,084	33,098	12,626	13,044	15,875	6,759	8,446
June qtr	27,363	13,432	12,759	38,070	13,677	17,170	18,030	7,491	11,051
September qtr	39,107	14,046	16,339	37,793	14,551	17,728	19,571	8,835	11,800
December qtr	32,425	13,747	15,313	36,315	15,822	20,709	17,933	8,792	11,347
1992— March qtr	34,735	12,539	15,418	31,872	14,003	19,136	17,780	8,800	12,113
June qtr	34,320	11,873	15,451	34,700	12,703	17,759	21,258	8,706	13,047
September qtr	37,977	12,527	16,896	34,372	13,987	20,274	22,104	9,756	14,231
December qtr	36,930	12,999	18,755	36,255	15,618	24,158	20,713	9,299	15,576
1993— March qtr	32,637	10,814	16,551	31,620	12,833	19,622	18,708	8,318	12,960
June qtr	32,378	10,701	16,796	33,683	12,953	20,363	18,192	8,905	14,614
September qtr	36,168	12,848	19,278	31,617	16,240	23,407	22,116	10,112	17,139

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

Period	SA			WA and Tas.			Australia		
	Width exceeding 107 cm but not exceeding 138 cm		Width exceeding 138 cm	Width exceeding 107 cm but not exceeding 138 cm		Width exceeding 138 cm	Width exceeding 107 cm but not exceeding 138 cm		Width exceeding 138 cm
	up to and including 107 cm	(821.97)		up to and including 107 cm	(821.98)		up to and including 107 cm	(821.98)	
1990-91	29,919	9,916	11,363	43,564	16,065	22,863	436,621	169,839	187,297
1991-92	31,304	9,884	12,667	54,190	17,812	31,736	443,508	172,391	230,996
1992-93	29,624	10,643	15,055	55,180	19,982	39,537	440,373	169,335	265,388
1990— December qtr	8,309	2,536	2,815	11,219	4,204	5,218	118,406	45,137	46,840
1991— March qtr	7,832	2,481	3,005	12,245	4,392	6,173	103,527	39,929	44,752
June qtr	6,582	2,436	2,963	9,619	3,911	6,663	99,664	40,947	50,606
September qtr	10,329	2,868	3,695	14,300	4,343	7,280	121,100	44,643	56,842
December qtr	8,153	2,821	3,691	14,450	5,027	8,005	109,276	46,209	59,065
1992— March qtr	5,954	1,620	2,276	11,978	3,977	8,488	102,319	40,939	57,431
June qtr	6,868	2,575	3,005	13,462	4,465	7,963	110,813	40,600	57,658
September qtr	6,141	2,533	4,435	13,783	4,543	8,304	114,377	43,346	64,140
December qtr	8,978	3,080	4,114	14,003	4,894	10,514	116,879	45,890	73,117
1993— March qtr	6,590	2,306	2,924	13,234	5,353	10,467	102,789	39,624	62,524
June qtr	7,915	2,724	3,582	14,160	5,192	10,252	106,328	40,475	65,607
September qtr	7,704	2,679	3,639	14,800	5,669	11,105	112,405	47,548	74,568

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

Period	NSW			Vic.			Qld		
	Width exceeding 107 cm but not including 138 cm		Width exceeding 138 cm	Width exceeding 107 cm but not including 138 cm		Width exceeding 138 cm	Width exceeding 107 cm but not including 138 cm		Width exceeding 138 cm
	(821.22)	(821.24)	(821.26)	(821.22)	(821.24)	(821.26)	(821.22)	(821.24)	(821.26)
1990-91	39,879	26,306	32,166	35,708	20,477	37,891	30,260	17,733	26,309
1991-92	34,992	19,047	31,013	28,188	18,261	35,571	32,532	19,392	30,453
1992-93	35,339	16,438	35,062	30,024	19,683	40,473	30,306	18,429	32,151
1990— December qtr	9,745	6,790	7,585	9,792	5,824	10,070	8,529	5,006	6,606
1991— March qtr	10,367	5,963	8,329	7,527	4,997	8,435	6,255	3,602	5,523
June qtr	9,775	6,522	8,378	8,844	4,198	9,228	8,130	4,287	7,272
September qtr	8,564	5,527	7,817	7,190	3,963	8,297	8,697	5,300	8,218
December qtr	7,056	5,042	7,540	6,682	4,460	10,036	7,559	4,986	7,304
1992— March qtr	9,793	4,634	8,007	7,095	4,781	8,595	7,303	4,424	6,944
June qtr	9,579	3,844	7,649	7,221	5,057	8,643	8,973	4,682	7,987
September qtr	9,162	4,075	7,853	7,070	5,305	9,747	8,605	5,167	8,728
December qtr	9,888	4,593	9,836	8,433	5,653	12,374	7,658	4,742	8,494
1993— March qtr	7,939	4,232	8,577	7,150	4,503	9,196	7,235	4,412	6,937
June qtr	8,350	3,538	8,796	7,371	4,222	9,156	6,808	4,108	7,992
September qtr	9,678	4,829	9,174	6,244	4,581	11,842	8,888	4,965	9,532

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

Period	SA			WA and Tas.			Australia		
	Width exceeding 107 cm but not including 138 cm		Width exceeding 138 cm	Width exceeding 107 cm but not including 138 cm		Width exceeding 138 cm	Width exceeding 107 cm but not including 138 cm		Width exceeding 138 cm
	(821.22)	(821.24)	(821.26)	(821.22)	(821.24)	(821.26)	(821.22)	(821.24)	(821.26)
1990-91	7,904	5,485	7,943	15,967	11,018	14,806	129,718	81,019	119,115
1991-92	7,838	4,956	8,368	14,762	10,482	20,878	118,300	72,405	126,629
1992-93	7,584	5,292	8,005	15,408	9,625	23,181	118,661	69,467	138,872
1990— December qtr	2,213	1,326	1,966	4,840	3,412	3,672	35,119	22,358	29,899
1991— March qtr	1,861	1,318	2,061	3,713	2,685	3,877	29,723	18,565	28,225
June qtr	2,178	1,473	2,037	3,347	2,692	4,218	32,274	19,172	31,133
September qtr	2,428	1,419	2,410	3,848	2,676	5,254	30,727	18,885	31,996
December qtr	1,992	1,402	2,548	3,158	2,920	4,900	26,447	18,810	32,328
1992— March qtr	1,633	1,003	1,473	3,565	2,326	5,165	29,389	17,168	30,184
June qtr	1,785	1,132	1,937	4,191	2,560	5,559	31,737	17,542	32,121
September qtr	1,671	1,261	1,874	3,596	2,163	5,201	30,104	17,971	33,403
December qtr	2,192	1,505	2,492	4,524	2,637	5,996	32,695	19,130	39,192
1993— March qtr	1,706	1,159	1,587	3,752	2,442	5,593	27,782	16,748	31,890
June qtr	2,015	1,367	2,052	3,536	2,383	6,391	28,080	15,618	34,387
September qtr	1,632	1,217	2,022	3,441	2,598	6,335	29,883	18,190	38,905

(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.

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.

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

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

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

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Manufacturing Production, Australia: Principal Commodities Produced, 1989-90 (8365.0) — to be released shortly

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