



**Manufacturing Production
Australia**

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

February 1991

Catalogue No. 8360.0

A thick, black, horizontal bar with a slight 3D effect, similar to the one at the top, located at the bottom of the page.

EMBARGOED UNTIL 11.30 A.M. 3 MAY 1991

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

IAN CASTLES
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 8360.0

© Commonwealth of Australia 1991

Printed in Australia by P. J. GRILLS, Commonwealth Government Printer, Canberra

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- * for further information about statistics in this publication and the availability of related unpublished statistics contact Kevin Squair on Canberra (06) 252 5558 or any ABS State office.*
 - * for information about other ABS statistics and services please refer to the back page of this publication.*
-

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—		
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
October	8,685	1,423
November	9,160	1,277
December	8,507	1,106
1991—		
January	7,550	1,189
February	9,799	1,344
1989-90 : July to Feb.	56,128	12,084
1990-91 : July to Feb.	64,631	10,739

(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)

Period	Tops of, or predominantly of			Total	Man-made fibres (262.03)
	Sheep's or lambs' wool (classified by micron)				
	23 and finer (268.72,74)	24 to 27 (268.75)	28 and above (268.76)		
1987-88	13,751	8,688	3,529	25,968	895
1988-89	15,175	6,807	4,577	26,559	864
1989-90	10,636	4,977	3,876	19,488	703
1989—					
December	814	190	193	1,197	51
1990—					
January	419	381	216	1,015	28
February	976	428	84	1,488	67
March	892	644	116	1,652	79
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
1989-90 : July to Feb.	6,666	3,044	2,876	12,585	412
1990-91 : July to Feb.	8,487	4,616	2,223	15,326	451

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	6,014	894	5,726	1,080	13,714
1989—					
December	455	33	416	68	972
1990—					
January	110	40	167	56	373
February	616	71	525	116	1,328
March	526	93	488	93	1,201
April	372	71	433	79	954
May	573	93	537	103	1,306
June	439	73	483	73	1,069
July	501	75	477	84	1,138
August	552	101	454	107	1,214
September	525	59	394	96	1,075
October	548	54	522	114	1,239
November	541	81	465	111	1,197
December	302	45	361	64	773
1991—					
January	159	56	177	37	429
February	512	76	423	79	1,090
1989-90 : July to Feb.	4,103	563	3,786	732	9,184
1990-91 : July to Feb.	3,640	547	3,274	692	8,155

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

Period	Worsted(e)				Total	Total wool yarn		
	Pure(f)		Mixture(g)			Original	Seasonally adjusted(h)	Trend(i)
	Machine knitting (651.05)	Other (651.06)	Machine knitting (651.07)	Other (651.08)				
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	19,749	..	..
1989—								
December	192	93	77	65	427	1,399	1,723	1,653
1990—								
January	161	68	53	33	315	688	1,497	1,663
February	252	111	77	63	503	1,831	1,737	1,666
March	246	147	134	82	609	1,810	1,731	1,659
April	179	96	74	53	402	1,356	1,593	1,641
May	261	188	79	48	576	1,882	1,654	1,616
June	241	158	96	65	560	1,629	1,577	1,597
July	243	191	78	45	557	1,695	1,522	r1,579
August	236	200	99	44	579	1,794	1,572	r1,571
September	267	177	80	38	562	1,638	1,629	r1,576
October	269	216	91	38	614	1,853	1,549	r1,580
November	285	191	103	49	628	1,825	1,623	r1,578
December	194	110	57	53	415	1,187	r1,474	1,596
1991—								
January	163	101	54	42	360	790	1,707	r1,557
February	146	144	91	39	420	1,510	1,431	1,539
1989-90 : July to Feb.	1,825	899	738	427	3,888	13,073	..	..
1990-91 : July to Feb.	1,803	1,330	653	349	4,135	12,292	..	..

(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 or carded fine animal hair. (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	Predominantly of but		Total cotton yarn		
	85% or more by weight of cotton (651.35)	less than 85% by weight of cotton (651.36)	Original	Seasonally adjusted(b)	Trend(c)
1987-88	n.a.	n.a.	20,667	..	..
1988-89	n.a.	n.a.	20,504	..	..
1989-90	19,204	1,399	20,603	..	..
1989—					
December	1,269	56	1,325	1,477	1,773
1990—					
January	n.p.	n.p.	577	2,227	1,740
February	n.p.	n.p.	1,651	1,626	1,701
March	1,561	66	1,628	1,467	1,657
April	1,335	63	1,398	r1,587	1,632
May	n.p.	n.p.	2,188	1,779	1,658
June	n.p.	n.p.	1,945	1,701	1,742
July	1,714	113	1,827	1,674	1,813
August	2,223	116	2,339	1,992	r1,894
September	2,116	156	2,272	2,219	r1,988
October	2,343	167	2,510	2,218	r2,120
November	1,920	65	1,984	1,796	r2,285
December	1,399	99	1,498	1,807	r2,462
1991—					
January	1,043	22	1,065	r4,127	r2,634
February	2,195	68	2,264	2,231	2,768
1989-90 : July to Feb.	n.p.	n.p.	13,444	..	..
1990-91 : July to Feb.	14,953	806	15,759	..	..

(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)	Acrylic					Other fibres		
		Used in carpet manufacture (651.56.67)	Other (651.57.68)	Containing 85% or more by weight of synthetic staple fibres		Containing less than 85% by weight of synthetic staple fibres			
				Used in carpet manufacture (651.58)	Other (651.65)	Polyester mixed with cotton (651.66)	Other (651.78)		
1987-88	n.a.	895	1,288	n.a.	n.a.	4,585	n.a.	10,173	
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	9,879	
1989—									
December	n.p.	n.p.	70	107	n.p.	285	34	660	
1990—									
January	n.p.	n.p.	20	44	n.p.	105	21	280	
February	n.p.	n.p.	76	102	n.p.	376	41	720	
March	n.p.	n.p.	63	105	n.p.	510	59	890	
April	n.p.	n.p.	66	76	n.p.	433	53	802	
May	n.p.	n.p.	73	108	n.p.	552	75	1,004	
June	n.p.	n.p.	79	92	n.p.		670	1,040	
July	347	n.p.	57	103	n.p.	652	42	1,043	
August	265	n.p.	42	134	n.p.	611	59	1,008	
September	235	n.p.	42	105	n.p.	497	31	869	
October	360	n.p.	54	61	n.p.	560	38	921	
November	315	n.p.	60	102	n.p.	511	67	954	
December	305	n.p.	56	53	n.p.	464	31	778	
1991—									
January	69	n.p.	26	24	n.p.	235	48	440	
February	202	n.p.	66	89	n.p.	534	50	939	
1989-90 : July to Feb.	n.p.	n.p.	588	860	n.p.	n.p.	n.p.	6,144	
1990-91 : July to Feb.	2,098	n.p.	403	671	n.p.	4,064	366	6,952	

(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)			Total		
	Pure(d)	Mixture(e)	Worsted(c)	Original	Seasonally adjusted(f)	Trend(g)
	(654 23.38)	(654 24.36)	(654 25.26.37.39)			
1987-88	3,407	2,111	5,104	10,623	..	..
1988-89	2,914	1,898	4,990	9,803	..	..
1989-90	2,620	1,694	4,145	8,459	..	..
1989—						
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	625
April	163	139	176	477	558	612
May	220	146	279	645	588	618
June	246	139	308	692	689	637
July	213	164	291	669	673	656
August	259	151	399	810	699	r669
September	170	63	384	617	648	r675
October	165	73	507	745	640	r674
November	186	85	505	776	666	r671
December	120	69	370	558	747	r669
1991—						
January	118	86	196	401	627	r666
February	150	189	364	703	647	662
1989-90 : July to Feb.	1,761	1,120	3,077	5,957	..	..
1990-91 : July to Feb.	1,381	880	3,016	5,279	..	..

(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)
 ('000 square metres)

Period	Other than pile and chenille			Total		
	Terry(b)	Containing less than 85% by weight of cotton	Containing 85% or more by weight of cotton	Original(c)	Seasonally adjusted(d)	Trend(e)
	(652.16)	(652.80)	(652.70)			
1987-88	8,919	2,976	n.p.	39,415	..	..
1988-89	10,106	n.p.	23,862	36,316	..	..
1989-90	9,224	n.p.	24,925	39,959	..	..
1989—						
December	486	505	1,720	r2,711	r3,446	r3,338
1990—						
January	227	n.p.	n.p.	795	2,923	3,266
February	622	586	2,144	3,352	3,369	3,230
March	755	n.p.	1,819	3,239	2,849	3,240
April	736	576	1,765	3,077	3,397	3,266
May	725	526	2,876	4,127	3,509	3,279
June	897	n.p.	n.p.	3,838	3,453	3,245
July	679	372	2,453	3,504	3,065	3,132
August	881	165	2,421	3,466	2,836	3,008
September	810	107	2,199	3,116	2,827	2,953
October	791	311	2,368	3,470	3,261	3,001
November	856	176	1,941	2,972	2,652	3,139
December	520	162	1,683	2,365	3,162	3,308
1991—						
January	279	37	877	1,194	4,275	n.y.a.
February	722	241	2,374	3,338	3,346	n.y.a.
1989-90 : July to Feb.	6,112	n.p.	n.p.	25,776	..	..
1990-91 : July to Feb.	5,538	1,571	16,316	23,425	..	..

(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)
 ('000 square metres)

Period	Of, or predominantly of, synthetic staple fibres(b)						
	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				
	Polyester(c) (653.21)	Fibres other than polyester (653.22)	Cotton (653.35)	Viscose (653.37)	Wool or fine animal hair (653.36)	Other (653.38)	Fibres other than polyester (653.39.40)
1987-88		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 r	2,665	1,031	34,872	23,499	2,374	65	332
1989—							
December	157	58	2,326	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.	33
May	295	87	3,273	2,126	252	n.p.	12
June	215	102	3,889	2,402	218	n.p.	n.p.
July	140	95	3,311	2,377	185	n.p.	n.p.
August	146	88	3,647	2,429	230	n.p.	7.7
September	90	82	4,645	2,285	237	n.p.	n.p.
October	148	76	3,912	2,416	267	n.p.	17
November	126	49	4,036	2,365	335	n.p.	42
December	117	40	4,086	2,065	146	n.p.	44
1991—							
January	46	17	1,156	496	95	n.p.	r27
February	146	54	4,394	3,015	132	n.p.	35
1989-90 : July to Feb.	1,740	710	22,019	14,713	1,646	n.p.	242
1990-91 : July to Feb.	959	481	29,187	17,448	1,627	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 (653.74,75)	Other(d) (653.50, 76,90)	Original	Seasonally adjusted(e)	Trend(f)
	Polyamide (653.71)	Polyester (653.72)	Polyethylene, polypropylene (653.73)					
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	173,443	..	..
1989—								
December	15	580	8,356	n.p.	912	14,151	16,902	14,576
1990—								
January	3	265	2,963	n.p.	269	4,236	13,729	14,473
February	21	657	7,087	n.p.	989	14,972	14,193	14,326
March	22	625	7,517	n.p.	921	15,384	13,699	14,160
April	8	360	6,979	n.p.	703	12,632	13,866	14,071
May	11	607	8,282	n.p.	901	15,911	14,389	14,108
June	21	548	8,424	n.p.	926	16,789	14,529	14,216
July	19	515	8,371	n.p.	785	15,851	14,780	14,401
August	20	530	7,831	n.p.	877	15,843	r13,438	r14,609
September	17	460	7,556	32.7	807	16,242	15,636	r14,869
October	23	443	7,760	n.p.	819	15,926	14,629	r15,130
November	25	634	8,455	n.p.	897	17,010	14,837	r15,360
December	40	443	6,805	n.p.	r769	r14,600	r17,836	r15,510
1991—								
January	7	100	2,266	n.p.	r139	4,358	14,137	r15,575
February	39	572	6,929	n.p.	809	16,212	15,338	15,612
1989-90 : July to Feb.	n.p.	5,032	58,461	n.p.	7,634	112,726	..	..
1990-91 : July to Feb.	190	3,697	55,973	n.p.	5,905	116,042	..	..

(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

	<i>Knitted or crocheted fabrics(a)</i>				<i>Knitted or crocheted curtains in the piece (658.71)</i> '000 sqm
	<i>Pile (655.11,12,19)</i> tonnes	<i>Warp knit (655.23,24)</i> tonnes	<i>Other(b) (655.25,29)</i> tonnes	<i>Total</i> tonnes	
	Not available prior to September Quarter 1989				
1989-90	2,272	2,430	8,405	13,108	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	470	650	1,457	2,577	n.p.
June qtr	723	526	1,861	3,109	n.p.
September qtr	417	529	2,348	3,294	4,110
December qtr	461	358	2,701	3,521	4,266
1989-90: July to Dec.	1,080	1,254	5,057	7,422	n.p.
1990-91: July to Dec.	878	887	5,049	6,815	8,376

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

<i>Period</i>	<i>Towels (including tea towels) of cotton terry towelling or similar cotton terry fabrics</i>			<i>Sheets, pillow cases and bolster cases</i>	
	<i>Not exceeding 55 cm in width (658.61)</i>	<i>Exceeding 55 cm but not exceeding 75 cm in width (658.62)</i>	<i>Exceeding 75 cm in width (658.63)</i>	<i>Cotton (658.49)</i>	<i>Other (658.55)</i>
	1989-90	689	2,141	711	n.p.	n.p.
1989—					
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	18	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.
October	109	173	62	r82	n.p.
November	130	220	64	r127	n.p.
December	109	222	49	r121	n.p.
1991—					
January	23	73	49	n.p.	n.p.
February	94	209	63	n.p.	n.p.
1989-90 : July to Feb.	n.p.	n.p.	n.p.	n.p.	n.p.
1990-91 : July to Feb.	626	1,434	425	n.p.	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)
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	11,596	28,771	755	2,361	1,462	44,945	...	...
1989—								
December	1,922	2,530	62	168	n.p.	3,816	4,044	4,013
1990—								
January	1,395	1,116	21	n.p.	n.p.	1,687	4,434	4,022
February	1,929	2,360	64	n.p.	n.p.	3,701	3,814	3,957
March	1,030	2,659	45	n.p.	n.p.	4,077	3,839	3,871
April	859	1,909	31	n.p.	n.p.	3,054	3,626	3,792
May	1,164	2,632	64	n.p.	n.p.	4,239	3,652	3,748
June	1,061	2,293	118	184	137	3,794	3,703	3,738
July	1,124	2,733	84	210	143	4,294	4,039	3,703
August	1,168	2,691	49	227	121	4,255	3,800	3,662
September	1,005	2,286	56	164	113	3,624	3,314	3,636
October	1,153	2,756	52	261	115	4,338	3,802	3,652
November	1,039	2,471	46	199	156	3,910	3,324	3,716
December	789	2,184	39	188	96	3,296	3,505	3,811
1991—								
January	518	1,291	21	69	73	1,972	5,071	3,906
February	887	2,116	42	201	103	3,349	3,453	4,002
1989-90 : July to Feb.	7,481	19,277	496	n.p.	n.p.	29,782	...	...
1990-91 : July to Feb.	7,683	18,528	390	1,519	920	29,038	...	...

(a) Consisting of carpets, carpeting (excluding underfelt), floor rugs, mats and matting of, or predominantly of, textile materials other than coir, wool, 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 12. MATTRESSES AND MATTRESS SUPPORTS: AUSTRALIA
 (number)

Period	Inner spring mattresses (821 97,98,99)	Water mattresses		Mattresses of artificial plastic material (expanded foam or sponge)		Sprung mattress supports(a) (821 22,24,26)
		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	10,717	63,273	n.a.	n.a.	415,750
1988-89	871,403	12,925	72,060	n.a.	n.a.	443,589
1989-90	833,199	18,082	91,721	85,000	71,749	389,888
1988—						
March qtr	205,494	2,640	15,537			98,784
June qtr	214,347	3,234	18,689			103,751
September qtr	222,725	2,890	17,482			3,424
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	213,927	4,981	23,929	21,566	23,006	97,450
December qtr	228,408	5,127	24,996	21,844	22,679	107,947
1990—						
March qtr	202,385	4,403	22,629	26,795	16,694	99,933
June qtr	188,479	3,571	20,167	14,795	9,370	84,558
September qtr	204,397	5,000	21,731	15,546	7,768	84,735
December qtr	205,996	4,501	22,237	15,677	9,589	89,091
1989-90: July to Dec.	442,335	10 108	48,925	43,410	45,685	205,937
1990-91: July to Dec.	410,393	9,501	43,968	31,223	17,357	173,826

(a) Excludes mattress supports made of rubber.

TABLE 13. INNER SPRING MATTRESSES: STATES
(number)

Period	NSW			Vic.			Qld		
	Width exceeding 107 cm			Width exceeding 107 cm			Width exceeding 107 cm		
	up to and including 107 cm (821.97)	but not exceeding 138 cm (821.98)	Width exceeding 138 cm (821.99)	up to and including 107 cm (821.97)	but not exceeding 138 cm (821.98)	Width exceeding 138 cm (821.99)	up to and including 107 cm (821.97)	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	61,129	143,802	68,925	68,795	68,988	32,643	33,110
1989-90	134,689	64,906	60,177	154,435	63,501	63,980	79,028	32,947	39,978
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	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	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	19,799	8,364	9,100
December qtr	37,577	14,246	12,326	40,905	15,948	16,937	19,477	7,847	9,136
1989-90: July to Dec.	71,879	35,287	30,565	87,189	35,278	35,584	39,410	16,403	18,787
1990-91: July to Dec.	74,328	27,761	24,644	80,947	31,619	32,939	39,276	16,211	18,236

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

Period	SA			WA and Tas.			Australia		
	Width exceeding 107 cm			Width exceeding 107 cm			Width exceeding 107 cm		
	up to and including 107 cm (821.97)	but not exceeding 138 cm (821.98)	Width exceeding 138 cm (821.99)	up to and including 107 cm (821.97)	but not exceeding 138 cm (821.98)	Width exceeding 138 cm (821.99)	up to and including 107 cm (821.97)	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	23,609	468,716	205,705	196,607
1989-90	27,512	8,490	9,632	54,596	17,066	22,262	450,260	186,910	196,029
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	5,716	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	116,427	48,902	48,598
December qtr	7,210	1,960	2,525	14,338	4,241	5,723	124,473	51,470	52,465
1990—									
March qtr	6,186	2,086	2,301	14,633	3,924	5,607	106,927	44,216	51,242
June qtr	6,616	2,222	2,129	12,251	3,920	5,640	102,433	42,322	43,724
September qtr	6,786	2,330	2,524	11,348	3,726	6,121	114,726	43,606	46,065
December qtr	7,840	2,384	2,751	10,018	3,646	4,958	115,817	44,071	46,108
1989-90: July to Dec.	14,710	4,182	5,112	27,712	9,222	11,015	240,900	100,372	101,063
1990-91: July to Dec.	14,626	4,714	5,275	21,366	7,372	11,079	230,543	87,677	92,173

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 including 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 including 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 including 138 cm (821.24)	Width exceeding 138 cm (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
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	7,236	4,758	6,748
December qtr	9,696	6,759	7,541	9,544	5,702	9,992	8,414	4,966	6,426
1989-90: July to Dec.	24,760	18,192	21,191	24,806	15,421	23,552	20,538	11,169	15,728
1990-91: July to Dec.	19,656	13,725	15,390	18,917	11,089	20,078	15,650	9,664	13,174

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

Period	SA			Other States			Australia		
	Width up to and including 107 cm (821.22)	Width exceeding 107 cm but not including 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 including 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 including 138 cm (821.24)	Width exceeding 138 cm (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	8,797	4,960	7,320	16,648	10,585	15,076	157,487	98,369	134,032
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	4,767	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	35,302	20,598	28,658
September qtr	1,628	2,084	1,801	4,840	2,495	4,269	33,037	21,710	30,753
December qtr	2,166	1,251	1,881	8,171	3,167	3,495	37,991	21,765	29,335
1989-90: July to Dec.	4,448	2,342	3,949	7,244	5,263	6,794	81,796	52,387	71,214
1990-91: July to Dec.	3,794	3,335	3,682	13,011	5,662	7,764	71,028	43,475	60,088

(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 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.

Symbols and other usages

n.y.a.	not yet available
n.p.	not available for separate publication (but included in totals where applicable)
n.a.	not available
..	not applicable
r	revised since last issue
—	nil or rounded to zero
—	a line drawn across columns denotes a break in the series



For more information ...

The ABS publishes a wide range of information on Australia's economic and social conditions. A catalogue of publications and products is available from any of our Offices (see below for contact details).

Information Consultancy Service

Special tables or in-depth data investigations are provided by the ABS Information Consultancy Service in each of our Offices (see below for contact details).

Electronic Data Services

A growing range of our data are available on electronic media. Selections of the most frequently requested data are available, updated daily, on DISCOVERY (Key *656#). Our TELESTATS service delivers major economic indicator publications ready to download into your computer on the day of release. Our 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 our electronic data services, contact Information Services in any of our Offices on the numbers below.

Bookshops and Subscriptions

There are over 500 titles available from the ABS Bookshops in each of our Offices. You can also receive any of our publications on a regular basis. Join our subscription mailing service and have your publications mailed to you in Australia at no additional cost. Telephone our Publications Subscription Service toll free on 008 02 06 08 Australia wide.

Sales and Inquiries



SYDNEY (02) 268 4611
MELBOURNE (03) 615 7000
BRISBANE (07) 222 6351
PERTH (09) 323 5140

ADELAIDE (08) 237 7100
HOBART (002) 20 5800
DARWIN (089) 81 3456
CANNBERRA (06) 252 6627



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

