



Manufacturing Production Australia

Transport Equipment

April - June 1994

Catalogue No. 8363.0

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EMBARGOED UNTIL 11:30 A.M. 23 AUGUST 1994

MANUFACTURING PRODUCTION, AUSTRALIA
TRANSPORT EQUIPMENT
APRIL - JUNE 1994

IAN CASTLES
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 8363.0

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Produced by the Australian Government Publishing Service

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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- *for further information about statistics in this publication and the availability of related unpublished statistics, contact Rod Smith on Melbourne (03) 615 7635 or any ABS office.*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. ASSEMBLED, COMPLETE MOTOR VEHICLES(a)
(number)

Period	Cars and station wagons					Other passenger vehicles (781.28, 783.12)	Vehicles for transportation of goods and materials(b)(c)				
	Cars (781.20)	Station wagons (781.29)	Total		Original		Seas. adj(d)	Trend(e)	Original (782.17, 783.20)	Seas. adj(d)	Trend(e)
			Original	Seas. adj(d)							
1991-92	221,561	47,273	268,834	..	..	634	14,550	..	..
1992-93	217,218	57,425	274,643	..	..	675	15,459	..	..
1993-94	241,340	56,768	298,108	..	..	670	22,735	..	..
1993—				r	r			r	r		
April	16,544	4,472	21,016	23,939	23,387	53	1,700	1,880	1,492		
May	19,335	5,665	25,000	22,680	23,219	52	1,547	1,379	1,475		
June	19,159	4,710	23,869	21,990	23,105	80	1,344	1,210	1,483		
July	20,736	5,259	25,995	23,103	23,128	57	1,720	1,631	1,532		
August	21,880	5,757	27,637	24,343	23,360	62	1,877	1,651	1,619		
September	21,577	5,341	26,918	24,214	23,854	67	1,752	1,599	1,725		
October	19,141	5,451	24,592	23,128	24,493	52	2,223	1,838	1,826		
November	22,569	5,413	27,982	24,947	25,120	67	2,172	2,227	1,902		
December	16,987	4,133	21,120	26,224	25,656	47	1,549	1,800	1,951		
1994—				r	r			r	r		
January	9,694	2,284	11,978	26,577	25,989	19	803	1,912	1,990		
February	21,555	4,457	26,012	26,396	26,061	60	1,857	1,927	2,021		
March	24,143	5,405	29,548	25,458	25,853	59	2,358	2,070	2,041		
April	17,677	3,698	21,375	25,630	25,481	53	1,949	2,251	2,054		
May	24,194	4,598	28,792	25,235	25,056	73	2,401	2,132	n.y.a.		
June	21,187	4,972	26,159	23,846	24,618	54	2,074	1,800	n.y.a.		

(a) Excludes conversions of existing vehicles. (b) Includes utilities, panel vans, prime movers for semi-trailers and units consisting of chassis, engine and cabs produced for sale and transfer out as such. (c) Excludes off-highway trucks (e.g. dump wagons), materials handling trucks (e.g. forklift trucks) and semi-trailers. (d) See paragraph 5, Explanatory Notes. (e) See paragraph 6 to 9, Explanatory Notes.

TABLE 2. MOTOR BODIES(a)
(number)

Period	For vans			For trucks			For passenger vehicles, for 10 persons or more (784.41)
	Refrigerated (784.22)	Insulated (chiller) (784.23)	Other(b) (784.24)	Trays(c) (784.26)	Tipplers (784.27)	Concrete mixers (784.43)	
1991-92	71	160	1,414	r 2,661	r 1,448	n.p.	295
1992-93	49	136	1,564	2,458	r 1,500	728	317
1993-94	139	117	1,547	2,332	1,571	n.p.	373
1991—							
September qtr	17	40	412	r 617	407	141	76
December qtr	11	47	393	r 609	357	143	62
1992—				r			
March qtr	21	51	280	721	332	126	81
June qtr	22	22	329	714	r 352	n.p.	76
September qtr	10	45	415	579	360	n.p.	53
December qtr	15	41	412	693	r 412	n.p.	93
1993—				r			
March qtr	13	27	307	564	r 330	146	72
June qtr	11	23	430	622	398	211	99
September qtr	44	25	435	616	394	185	103
December qtr	32	35	404	587	r 402	116	89
1994—							
March qtr	r 35	r 31	r 272	r 562	r 401	112	67
June qtr	28	26	436	567	374	n.p.	114

(a) Built up for sale or transfer out as such. Excludes bodies produced by motor vehicle manufacturers for use in their own plant, body panels, cabs, conversions or any work done on old vehicles. (b) Including dry freight. (c) Data has been revised due to misreporting.

TABLE 3. SEMI-TRAILERS AND TWO WHEEL TRAILERS
(number)

Period	Semi-trailers						Trailers-two wheel(a)		
	Flat top (786.26)	Curtain- sided (786.46)	Tanker (786.22)	Tipper (786.27)	Low loader (786.28)	Van		Box type (under 1 tonne load capacity) (786.23)	Boat type (786.24)
						Refrigerated or insulated (786.42,A3)	Other(b) (786.44)		
1991-92	494	498	223	254	67	196	297	10,270	5,107
1992-93	564	540	205	322	70	232	341	10,663	6,613
1993-94	771	732	259	517	141	n.p.	396	11,179	8,728
1991—									
September qtr	151	137	64	64	18	25	90	2,711	1,353
December qtr	117	118	71	62	26	54	83	2,865	1,582
1992—									
March qtr	90	129	39	55	6	45	61	2,300	1,177
June qtr	136	114	49	73	17	72	63	2,394	995
September qtr	103	126	44	61	14	48	97	2,608	1,313
December qtr	119	129	48	85	25	55	93	2,983	2,198
1993—									
March qtr	136	131	44	78	9	60	61	2,702	1,427
June qtr	206	154	69	98	22	69	90	2,370	1,675
September qtr	227	184	65	143	28	93	105	2,628	2,082
December qtr	169	199	57	125	46	71	113	3,002	2,685
1994—									
March qtr	167	160	52	97	26	59	r 81	r 2,524	r 2,196
June qtr	208	189	85	152	41	n.p.	97	3,025	1,765

(a) Including complete trailer kits. (b) Including dry freight

TABLE 4. CARAVANS AND CAMPER TRAILERS, PRIVATE OR DOMESTIC TYPE
(number)

Period	Caravans, private or domestic type						Total	Camper trailers of private or domestic type (786.17)
	4.6 m and under (786.11)	Over 4.6 m up to and including 5.2 m (786.12)	Over 5.2 m up to and including 6.1 m (786.13)	Over 6.1 m up to and including 7.6 m (786.14)	Over 7.6 m up to and including 9.8 m (786.15)	Over 9.8 m (786.16)		
1991-92	r 1,121	1,153	r 706	178	n.p.	n.p.	r 3,209	944
1992-93	r 1,323	r 1,422	r 764	235	42	7	r 3,797	1,065
1993-94	1,368	1,638	1,177	231	40	3	4,457	1,169
1991—								
September qtr	322	319	r 149	26	n.p.	n.p.	r 835	254
December qtr	r 277	278	186	46	n.p.	n.p.	r 806	241
1992—								
March qtr	166	209	r 172	43	6	—	r 596	194
June qtr	r 356	347	r 199	63	n.p.	n.p.	r 972	255
September qtr	r 338	364	r 167	44	n.p.	n.p.	r 926	268
December qtr	r 362	331	217	52	n.p.	n.p.	r 979	262
1993—								
March qtr	240	r 326	r 173	52	n.p.	n.p.	r 795	219
June qtr	383	r 401	r 207	87	n.p.	n.p.	r 1,097	316
September qtr	406	380	r 307	r 79	n.p.	n.p.	r 1,182	330
December qtr	366	384	r 310	60	20	—	r 1,140	275
1994—								
March qtr	r 236	r 377	r 262	42	n.p.	n.p.	r 927	244
June qtr	360	497	298	50	n.p.	n.p.	1,208	320

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 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.

Scope and coverage

3. Manufacturing commodity statistics collected by the ABS exclude details relating to single establishment manufacturing enterprises with fewer than four persons employed and production of establishments predominantly engaged in non-manufacturing activities but which may carry on, in a minor way, some manufacturing. However, except for a few commodities, the effect on production levels and movements is marginal.

4. Annual figures shown in this publication are derived by aggregating monthly/quarterly production and relate to production during the year ended 30 June. They may differ from annual manufacturing census data which relate to the census year and, in the case of businesses unable to report on a June year basis, include details in respect of substitute accounting periods.

Seasonal adjustment and trend estimates

5. This publication contains seasonally adjusted statistics. In the seasonal adjustment, account has been taken not only of normal seasonal factors but also, where appropriate, of 'working-day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the month) and the influence of Easter and Australia Day which may, in successive years, affect figures for different months. However, care should be exercised in interpreting the figures for those months in which Christmas/New Year and Easter holidays fall as some manufacturers vary holiday shutdowns in the light of prevailing demand for their products. Details of the methods used in seasonally adjusting these and other series are available on request. As happens with all seasonally adjusted series the seasonal factors are revised annually to take account of each additional year's original data. The results of the latest review were used to compile the revised seasonally adjusted and trend estimates contained in this bulletin. Regular subscribers can obtain a complimentary 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, Building Materials and Fittings (8361.0)—issued monthly

Manufacturing Production, Australia, Plastics, Rubber, Paints, Detergents and Industrial Chemicals (8362.0)—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)

Unpublished production data is also available from the ABS Sydney office. Please contact Colin Nicholson on (02) 268 4282.

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)
- .. not applicable
- r revised since previous issue
- nil or rounded to zero



For more information ...

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

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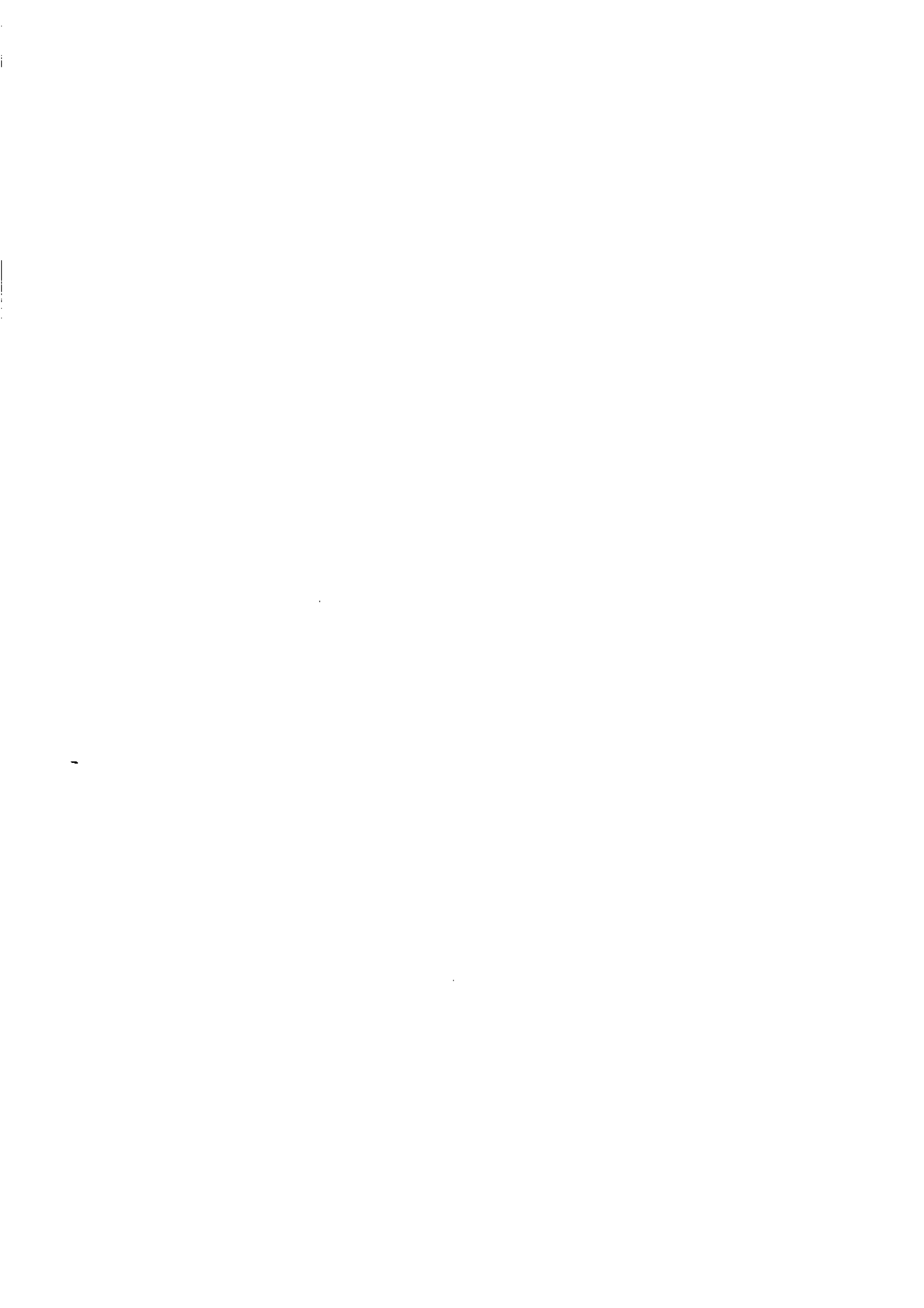
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Recommended retail price: \$7.00



2836300004947
ISSN 1035-9427