



**Australian
Bureau of
Statistics**

**Manufacturing Production
Australia**

Transport Equipment

October - December 1993

Catalogue No. 8363.0



EMBARGOED UNTIL 11:30 A.M. 25 FEBRUARY 1994

MANUFACTURING PRODUCTION, AUSTRALIA

**TRANSPORT EQUIPMENT
OCTOBER - DECEMBER 1993**

IAN CASTLES
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 8363.0

© Commonwealth of Australia 1994

CONTENTS

<i>Table</i>		<i>Page</i>
1.	Assembled, complete motor vehicles	1
2.	Motor bodies	1
3.	Semi-trailers and two wheel trailers	2
4.	Caravans and camper trailers, private or domestic type	2
..	Explanatory Notes	3

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- *for further information about statistics in this publication and the availability of related unpublished statistics, contact Rod Smith on Melbourne (03) 615 7635 or any ABS office.*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



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 (782.17, 783.20)	Seas. adj(d)	Trend(e)
			Original	Seas. adj(d)	Trend(e)				
1990-91	262,875	47,786	310,661	..	..	433	17,666	..	..
1991-92	221,561	47,273	268,834	..	..	634	14,550	..	..
1992-93	217,218	57,425	274,643	..	..	675	r 15,459	..	..
<i>1992—</i>									
October	21,020	5,069	26,089	23,069	22,088	51	1,417	1,193	1,202
November	15,796	4,303	20,099	18,548	21,976	63	1,270	1,305	1,293
December	15,661	4,007	19,668	23,240	22,229	55	1,213	1,449	1,390
<i>1993—</i>									
January	8,059	2,132	10,191	30,484	22,697	20	636	1,532	1,464
February	17,931	5,228	23,159	23,736	23,110	56	1,343	1,382	1,496
March	21,243	6,354	27,597	24,468	23,312	63	1,554	1,366	1,500
April	16,544	4,472	21,016	23,565	r 23,286	53	1,700	1,925	r 1,488
May	19,335	5,665	25,000	22,569	r 23,053	52	1,547	1,355	r 1,467
June	19,159	4,710	23,869	21,528	r 22,821	80	1,344	1,153	r 1,474
July	20,736	5,259	25,995	22,676	r 22,858	57	1,720	1,649	r 1,526
August	21,880	5,757	27,637	24,360	r 23,147	62	1,877	1,672	1,619
September	21,577	5,341	26,918	23,695	r 23,614	67	1,752	1,557	1,734
October	19,141	5,451	24,592	22,822	24,096	52	2,223	1,901	1,850
November	22,569	5,413	27,982	25,023	24,555	67	2,172	2,287	n.y.a.
December	16,987	4,133	21,120	25,526	24,988	47	1,525	1,766	n.y.a.
1992-93: July to Dec.	114,947	28,864	143,811	..	..	351	7,335	..	..
1993-94: July to Dec.	122,890	31,354	154,244	..	..	352	11,269	..	..

(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)	Tippers (784.27)	Concrete mixers (784.43)	
1990-91	91	204	1,870	r 6,569	1,708	473	288
1991-92	71	160	r 1,414	r 5,860	1,449	n.p.	295
1992-93	r 49	r 136	1,563	r 6,384	r 1,490	728	317
<i>1991—</i>							
March qtr	14	77	346	r 1,337	295	92	45
June qtr	21	34	391	r 1,619	355	98	78
September qtr	17	40	412	r 1,383	407	141	76
December qtr	11	47	393	r 1,380	357	143	62
<i>1992—</i>							
March qtr	21	51	280	r 1,561	332	126	81
June qtr	22	22	r 329	r 1,536	353	n.p.	76
September qtr	r 10	r 45	r 415	r 1,563	360	n.p.	53
December qtr	15	41	r 411	r 1,689	404	n.p.	93
<i>1993—</i>							
March qtr	13	27	307	r 1,461	328	146	72
June qtr	r 11	r 23	r 430	r 1,671	r 398	211	99
September qtr	45	23	r 437	r 1,598	404	185	103
December qtr	32	35	401	1,544	351	116	89
1992-93: July to Dec.	25	86	826	3,252	764	n.p.	146
1993-94: July to Dec.	77	58	838	3,142	755	301	192

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

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 (786.42,43)	Other(b) (786.44)		
1990-91	552	395	253	290	86	156	293	11,067	5,101
1991-92	494	498	223	254	68	196	297	10,270	5,107
1992-93	r 564	540	205	312	r 69	232	r 335	10,663	6,613
1991—									
March qtr	101	63	47	37	9	25	41	2,338	1,304
June qtr	124	100	63	45	18	30	49	2,372	1,070
September qtr	151	137	64	64	18	25	91	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	18	72	62	2,394	995
September qtr	103	126	44	61	14	48	97	2,608	1,313
December qtr	r 120	129	48	78	r 24	55	91	2,983	2,198
1993—									
March qtr	135	131	44	74	9	60	57	2,702	1,427
June qtr	206	154	69	99	22	69	r 90	2,370	1,675
September qtr	r 227	184	65	r 139	28	n.p.	r 105	r 2,628	r 2,082
December qtr	169	194	57	125	46	71	113	3,006	2,685
1992-93: July to Dec.	223	255	92	139	38	103	188	5,591	3,511
1993-94: July to Dec.	396	378	122	264	74	n.p.	218	5,634	4,767

(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)		
1990-91	1,180	1,137	693	216	86	20	3,332	857
1991-92	1,152	1,153	749	178	n.p.	n.p.	3,283	944
1992-93	1,356	1,458	761	239	43	6	3,863	1,065
1991—								
March qtr	227	197	139	34	n.p.	n.p.	623	156
June qtr	341	342	174	61	14	4	936	255
September qtr	322	319	167	26	n.p.	n.p.	853	254
December qtr	290	278	186	46	n.p.	n.p.	819	241
1992—								
March qtr	166	209	198	43	6	—	622	194
June qtr	374	347	198	63	n.p.	n.p.	989	255
September qtr	355	364	166	44	n.p.	n.p.	942	268
December qtr	378	331	217	52	n.p.	n.p.	995	262
1993—								
March qtr	240	345	172	52	n.p.	—	813	219
June qtr	383	418	206	91	n.p.	n.p.	1,113	316
September qtr	406	380	327	82	n.p.	n.p.	1,205	330
December qtr	365	384	321	63	20	—	1,153	275
1992-93: July to Dec.	733	695	383	96	25	n.p.	1,937	530
1993-94: July to Dec.	771	764	648	145	n.p.	n.p.	2,358	605

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.

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 quarterly

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

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

Manufacturing Production, Australia, Fibres, Yarns, Fabrics, Bedding and Floor Coverings (8360.0)—issued quarterly

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

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

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

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

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

Manufacturing Production, Australia: Principal Commodities Produced, 1989-90 (8365.0).

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).

Information Consultancy Service

Information tailored to special needs of clients can be obtained from the Information Consultancy Service available at ABS Offices (see Information Inquiries below for contact details).

National Dial-a-Statistic Line

0055 86 400

(Steadycom P/L: premium rate 25c/21.4 secs.)

This number gives 24-hour access, 365 days a year for a range of statistics.

Electronic Data Services

Selections of most frequently requested statistics are available, updated daily, on DISCOVERY (Key *656#). For more details on electronic data services available, contact Information Services in any of the ABS Offices (see Information Inquiries below for contact details).

Bookshops and Subscriptions

There are over 400 titles of various publications available from ABS bookshops in all ABS Offices (see below Bookshop Sales for contact details). The ABS also provides a subscription service through which nominated publications are provided by mail on a regular basis at no additional cost (telephone Publications Subscription Service toll free on 008 02 0608 Australia wide).

Sales and Inquiries

Regional Offices	Information Inquiries	Bookshop Sales
SYDNEY (02)	268 4611	268 4620
MELBOURNE (03)	615 7000	615 7829
BRISBANE (07)	222 6351	222 6350
PERTH (09)	323 5140	323 5307
ADELAIDE (08)	237 7100	237 7582
HOBART (002)	20 5800	20 5800
CANBERRA (06)	207 0326	207 0326
DARWIN (089)	43 2111	43 2111
National Office		
ACT (06)	252 6007	008 020 608

ABS Email Addresses

Keylink	STAT.INFO/ABS
X.400	(C:AU,A:TELMEMO,O:ABS,SN:INFO,FN:STAT)
Internet	STAT.INFO@ABS. TELEMEMO.AU



Information Services, ABS, PO Box 10, Belconnen ACT 2616