

REGISTRATIONS OF NEW MOTOR VEHICLES, AUSTRALIA APRIL 1991, PRELIMINARY

NOTE: Caution needs to be exercised when interpreting month to month movements in the original and seasonally adjusted statistics of new motor vehicle registrations. The series are affected by variations in the rate of processing of records particularly in the Victorian State registrations system.

MAIN FEATURES

The original, seasonally adjusted and trend estimates of total motor vehicle registrations for April 1990, March and April 1991 (See Note above) are:

	April 1990	March 1991	April 1991 p	Apr. 90-Apr. 91 % change	Mar. 91-Apr. 91 % change
Original	47,284	39,905	40,278	-14.8	0.9
Seasonally adjusted	53,902	39,105	41,352	-23.3	5.7
Trend	53,944	41,247	39,653	-26.5	-3.9

REGISTRATIONS OF NEW MOTOR VEHICLES



INQUIRIES

* for further information about statistics in this publication and the availability of related unpublished statistics contact Kevin Yeadon on Canberra (06) 252 6255 or any ABS State office.

* for information about other ABS statistics and services please contact Information Services on Canberra (06) 252 6627, 252 5402, 252 6007 or any ABS State office.

TABLE 1. NEW MOTOR VEHICLES BY TYPE OF VEHICLE,
ORIGINAL, SEASONALLY ADJUSTED AND TREND ESTIMATE : AUSTRALIA

	Motor cars and station wagons			Other vehicles(a)			Total(a)		
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate
1989-90—									
February	37,665	41,908	41,958	10,548	11,417	11,380	48,213	53,325	53,338
March	49,754	44,475	42,622	12,418	11,181	11,278	62,172	55,656	53,900
April	37,385	42,869	42,865	9,899	11,084	11,078	47,284	53,902	53,944
May	47,477	43,062	42,614	12,876	11,176	10,819	60,353	54,238	53,433
June	40,858	39,629	42,035	11,605	10,404	10,616	52,463	50,034	52,651
1990-91—									
July	44,633	43,476	41,295	11,230	10,596	10,485	55,863	54,072	51,781
August	40,633	38,603	40,488	10,048	9,583	10,407	50,681	48,185	50,894
September	40,401	40,282	39,572	9,860	10,515	10,329	50,261	50,797	49,901
October	41,902	39,953	38,455	11,643	10,898	10,186	53,545	50,851	48,641
November	37,246	36,701	37,133	10,238	10,222	9,934	47,484	46,922	47,067
December	34,275	34,556	35,774	7,934	9,072	9,576	42,209	43,629	45,350
January	29,005	34,808	34,578	7,321	9,136	9,171	36,326	43,944	43,749
February	30,790	34,223	33,578	8,236	8,890	8,796	39,026	43,113	42,374
March	31,783	31,010	32,766	8,122	8,096	8,481	39,905	39,105	41,247
April p	31,881	32,782	31,409	8,397	8,570	8,245	40,278	41,352	39,653

(a) Excludes motor cycles, tractors, plant and equipment, caravans and trailers.

TABLE 2. NEW MOTOR VEHICLES BY TYPE OF VEHICLE : AUSTRALIA

	Motor cars and station wagons		Truck				Total (excludes motor cycles)	Motor cycles
	Utilities	Panel vans	Rigid	Articulated	Non-freight carrying	Buses		
1989-90—								
February	37,665	3,982	2,554	3,155	250	97	510	1,793
March	49,754	4,313	3,164	3,795	367	161	618	1,846
April	37,385	3,616	2,307	3,012	368	114	482	1,722
May	47,477	4,767	3,165	3,803	361	170	610	1,821
June	40,858	4,225	2,935	3,380	353	187	525	1,586
1990-91—								
July	44,633	3,926	2,872	3,395	288	192	557	1,407
August	40,633	3,556	2,662	2,890	214	165	561	1,588
September	40,401	3,770	2,575	2,675	226	136	478	1,627
October	41,902	4,523	2,762	3,328	230	192	535	1,669
November	37,246	4,088	2,652	2,582	206	166	544	1,606
December	34,275	2,974	2,318	1,865	161	139	477	1,650
January	29,005	2,858	1,940	1,813	119	135	456	1,718
February	30,790	3,154	2,318	2,075	139	92	458	1,787
March	31,783	3,124	2,279	1,985	123	103	511	1,690
April p	31,881	3,460	2,335	1,931	112	97	462	1,607

TABLE 3. NEW MOTOR VEHICLES(a), ORIGINAL, SEASONALLY ADJUSTED AND TREND ESTIMATE:
STATE / TERRITORY

	NSW			Vic.			Qld		
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate
1989-90—									
February	17,288	18,852	19,169	12,051	13,856	14,115	8,257	9,002	8,767
March	21,025	19,173	19,094	19,521	16,640	14,668	9,401	8,589	8,817
April	14,715	16,850	18,916	14,863	16,307	14,886	7,433	8,682	8,894
May	23,404	20,274	18,687	15,066	14,413	14,639	10,455	9,058	9,003
June	20,071	18,669	18,492	12,378	12,443	14,119	8,919	8,369	9,087
1990-91—									
July	19,266	18,672	18,376	15,627	14,227	13,418	10,613	10,577	9,147
August	17,614	16,914	18,330	12,055	11,606	12,661	8,987	8,401	9,146
September	18,093	18,230	18,192	12,701	12,583	12,051	8,747	9,120	9,015
October	19,580	18,804	18,005	13,310	12,610	11,455	9,614	8,978	8,741
November	18,398	18,350	17,716	10,543	10,337	10,760	8,014	8,259	8,432
December	15,364	16,314	17,295	8,685	8,995	9,997	8,180	8,389	8,202
January	14,124	17,209	16,701	7,442	9,376	9,296	6,767	7,935	8,122
February	14,794	16,136	16,051	8,571	9,872	8,678	7,012	7,637	8,150
March	15,218	15,293	15,422	7,374	6,852	8,143	8,035	7,817	8,256
April p	13,862	14,413	14,870	8,332	8,193	7,750	8,813	9,672	8,443

TABLE 3. NEW MOTOR VEHICLES (a), ORIGINAL, SEASONALLY ADJUSTED AND TREND ESTIMATE:
STATE / TERRITORY — continued

	SA			WA			Tas.(b)	
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Trend estimate
1989-90—								
February	3,769	4,008	3,771	4,536	4,938	4,882	1,105	1,259
March	4,025	3,631	3,835	5,291	4,806	4,826	1,317	1,281
April	3,720	4,343	3,857	4,262	4,918	4,706	1,022	1,283
May	3,793	3,533	3,860	4,888	4,457	4,558	1,271	1,269
June	3,845	3,700	3,872	4,524	4,204	4,422	1,166	1,243
1990-91—								
July	3,706	3,799	3,888	4,037	4,185	4,326	1,126	1,217
August	4,323	4,079	3,897	4,877	4,473	4,263	1,245	1,196
September	4,110	4,059	3,874	4,035	4,303	4,205	1,270	1,171
October	4,068	3,883	3,795	4,385	4,092	4,131	1,135	1,137
November	3,776	3,398	3,667	4,186	4,092	4,044	1,121	1,097
December	3,377	3,521	3,511	3,712	3,889	3,959	1,660	1,059
January	2,804	3,497	3,381	3,438	3,778	3,908	767	1,030
February	2,992	3,181	3,284	3,677	4,006	3,895	836	(c)
March	3,232	3,138	3,212	3,783	3,710	3,908	948	(c)
April p	3,063	3,270	3,168	3,898	4,200	3,941	827	(c)
	NT(b)		ACT(b)		Australia			
	Original	Trend estimate	Original	Trend estimate	Original	Seasonally adjusted	Trend estimate	
1989-90—								
February	434	455	773	920	48,213	53,325	53,338	
March	518	459	1,074	921	62,172	55,656	53,900	
April	408	465	861	935	47,284	53,902	53,944	
May	508	473	969	943	60,353	54,238	53,433	
June	538	479	1,022	937	52,463	50,034	52,651	
1990-91—								
July	529	482	959	926	55,863	54,072	51,781	
August	559	480	1,021	920	50,681	48,185	50,894	
September	445	470	860	923	50,261	50,797	49,901	
October	485	447	968	930	53,545	50,851	48,641	
November	403	417	1,043	934	47,484	46,922	47,067	
December	322	390	909	937	42,209	43,629	45,350	
January	292	372	692	939	36,726	43,944	43,749	
February	283	(c)	861	(c)	39,026	43,113	42,374	
March	366	(c)	949	(c)	39,905	39,105	41,247	
April p	447	(c)	1,036	(c)	40,278	41,352	39,653	

(a) Excludes motor cycles, tractors, plant and equipment, caravans and trailers. (b) See paragraph 6 of the Explanatory Notes. (c) Trend estimates for this series for the most recent months are subject to significant revision and are not considered sufficiently reliable to release separately.

EXPLANATORY NOTES

Introduction

This publication contains preliminary information regarding registrations of new motor vehicles and includes particulars of motor cars and station wagons, utilities, panel vans, buses, rigid and articulated trucks, other truck type vehicles and motor cycles.

Scope and coverage

2. Motor vehicle registration statistics are obtained from data made available by the various State and Territory motor vehicle registration authorities and reflect the information as recorded in registration documents.

3. In these statistics registrations mean registrations processed by the motor vehicle registration authorities in the States and Territories during the period. In Western Australia, South Australia, Tasmania, Northern Territory and the Australian Capital Territory the figures shown depart little from actual registrations during the period. In New South Wales, Victoria and Queensland advice of some registrations is often not received by the central motor vehicle registration authority until some time after the actual date of registration. For this reason a considerable number of registrations processed in a month actually relate to vehicles registered prior to that month. Because of these lags in registry processing, statistics of new motor vehicle registrations for periods as short as

one month can vary significantly from actual sales of new motor vehicles for the same period.

4. The statistics include vehicles with diplomatic and consular plates and State and Commonwealth Government owned vehicles other than those belonging to the defence services.

5. Recreation vehicles such as trail bikes and sand dune buggies intended for use in public places are required to be registered in Victoria and Queensland. Particulars of these registrations are regarded as outside the scope of new motor vehicle registration statistics.

Seasonal adjustment

6. Original and seasonally adjusted registrations of new motor vehicles are shown in Tables 1 and 3. Seasonally adjusted series are calculated for each State and Territory for the series "Motor cars and station wagons", "Other vehicles" and "Total vehicles", but those series for Tasmania, Northern Territory and Australian Capital Territory are not sufficiently reliable to be released in their own right, though they are included in the Australian aggregate. The component State/Territory "Motor cars and station wagons" and "Other vehicles" seasonally adjusted figures are summed to derive the Australian figures and the two resultant figures are summed to obtain Australian seasonally adjusted "Total vehicles".

7. Seasonal adjustment may be carried out by various methods and the results may vary slightly according to the procedure adopted. Accordingly, seasonally adjusted statistics should not be regarded as in any way definitive. In interpreting particular seasonally adjusted statistics it is important to bear in mind the methods by which they have been derived and the limitations to which the methods used are subject.

8. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series may be more clearly recognised. Seasonal adjustment procedures do not aim to remove the irregular or non-seasonal influences which may be present in any particular month, such as the effect of introducing new models, processing delays, or industrial disputes. Irregular influences that are highly volatile can make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

9. The seasonally adjusted series can, however, be smoothed to reduce the impact of the irregular component in the adjusted series. This smoothed seasonally adjusted series is called a trend estimate. The trend estimates of motor vehicle registration statistics for Australia are shown in Tables 1 and 3 and have been derived by applying a 13-term Henderson-weighted moving average to the seasonally adjusted series.

10. While this technique enables trend estimates for the latest period to be produced, it does result in revisions to the trend estimate for the most recent months as additional observations become available. There may also be revisions as a result of changes in the original data, and as a result of the re-estimation of the seasonal factors. 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

11. Users may also wish to refer to the following motor vehicle registration publications which are available on request:

Motor Vehicle Registrations, Australia (9303.0)—issued monthly

Motor Vehicle Registrations, Australia, 1988-89 (9304.0)

12. 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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