

REGISTRATIONS OF NEW MOTOR VEHICLES, AUSTRALIA APRIL 1992, PRELIMINARY

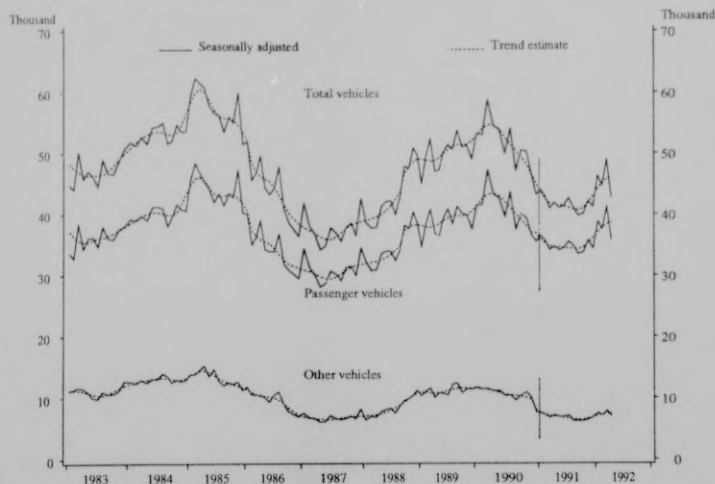
NOTE: Caution needs to be exercised when interpreting month to month movements in the original and seasonally adjusted statistics. The series are based on records processed in a month and are affected by variations in the rate of processing of records in some States (see paragraph 4 of the Explanatory Notes).

MAIN FEATURES

The original, seasonally adjusted and trend estimates of total new motor vehicle registrations for April 1991, March 1992 and April 1992 are:

	April 1991	March 1992	April 1992	Apr.91-Apr.92 % change	Mar.92-Apr.92 % change
Original	39,408	51,286	39,276	-0.3	-23.4
Seasonally adjusted	41,847	48,912	42,748	+2.2	-12.6
Trend	41,589	45,769	46,092	+10.8	+0.7

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- for further information about statistics in this publication and the availability of related unpublished statistics contact Kevin Yeadon on Canberra (06) 252 6255 or any ABS State office.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

	Passenger vehicles(a)			Other vehicles(b)			Total(a)		
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate
1990-91—									
February	32,344	35,737	35,220	6,710	7,238	7,272	39,054	42,975	42,493
March	33,569	34,214	34,750	6,660	6,783	7,061	40,229	40,997	41,811
April	32,418	34,682	34,611	6,990	7,165	6,978	39,408	41,847	41,589
May	37,631	34,112	34,558	8,083	6,912	6,927	45,714	41,024	41,485
June	34,203	34,468	34,521	7,369	6,915	6,822	41,572	41,383	41,342
1991-92—									
July	38,363	35,490	34,434	8,061	7,090	6,655	46,424	42,579	41,089
August	36,237	34,916	34,353	6,173	6,252	6,491	42,410	41,168	40,844
September	34,316	33,532	34,302	6,080	6,241	6,385	40,396	39,773	40,687
October	36,338	33,781	34,564	6,647	6,225	6,412	42,985	40,006	40,976
November	35,413	35,711	35,226	6,449	6,405	6,583	41,862	42,115	41,809
December	35,286	34,373	36,149	6,494	6,876	6,834	41,380	41,249	42,982
January	32,296	38,774	37,107	6,002	7,491	7,081	38,298	46,265	44,188
February	34,478	37,592	37,868	6,677	7,105	7,263	41,155	44,697	45,131
March	43,002	41,144	38,388	8,284	7,768	7,381	51,286	48,912	45,769
April p	32,785	35,773	38,642	6,491	6,976	7,450	39,276	42,748	46,092

(a) See paragraph 8 of the Explanatory Notes. (b) Excludes motor cycles, plant and equipment, caravans and trailers.

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

	Passenger vehicles(a)	Light commercial vehicles(a)	Truck			Buses	Total (excludes motor cycles)	Motor cycles
			Rigid	Articulated	Non-freight carrying			
1990-91—								
February	32,344	5,455	816	121	40	278	39,054	1,735
March	33,569	5,396	734	122	53	355	40,229	1,600
April	32,418	5,836	737	103	59	255	39,408	1,515
May	37,631	6,533	1,006	157	49	338	45,714	1,427
June	34,203	5,983	815	175	81	315	41,572	1,184
1991-92—								
July	38,363	6,500	952	163	86	360	46,424	1,679
August	36,237	4,872	827	153	64	257	42,410	1,184
September	34,316	4,783	822	124	50	301	40,396	1,142
October	36,338	5,364	859	119	68	237	42,985	1,278
November	35,413	5,057	846	130	72	287	41,380	1,599
December	35,286	4,818	750	132	107	48	38,298	1,575
January	32,296	4,903	674	81	48	296	38,298	1,575
February	34,478	5,435	749	122	58	313	41,155	1,498
March	43,002	6,909	797	148	49	381	51,286	1,356
April p	32,785	5,184	817	138	47	305	39,276	1,289

(a) See paragraph 8 of the Explanatory Notes.

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
1990-91—									
February	14,540	15,980	16,014	8,959	9,899	9,067	6,990	7,732	8,060
March	15,481	15,663	15,541	7,578	8,358	8,992	7,975	7,834	7,972
April	13,344	14,356	15,287	8,265	8,197	9,085	8,683	9,544	7,902
May	17,794	15,441	15,156	10,899	9,990	9,153	7,511	6,542	7,825
June	15,249	14,912	15,152	9,845	9,946	9,077	7,246	7,319	7,719
1991-92—									
July	17,144	15,715	15,117	9,522	8,563	8,908	9,480	8,343	7,634
August	16,386	15,630	15,091	8,825	8,771	8,701	7,419	7,482	7,581
September	14,523	14,489	15,066	8,918	8,216	8,555	7,633	7,695	7,539
October	15,577	14,767	15,154	8,739	8,212	8,634	8,103	7,332	7,572
November	16,078	16,229	15,401	8,891	8,850	9,003	7,026	7,460	7,679
December	12,448	13,075	15,780	10,098	9,849	9,527	8,446	8,394	7,845
January	16,187	19,382	16,177	7,625	9,571	9,990	6,187	7,260	8,094
February	14,218	15,327	16,495	10,251	11,320	10,323	7,437	8,167	8,330
March	18,716	17,445	16,715	11,040	11,045	10,533	10,648	10,147	8,517
April p	14,290	15,981	16,808	8,891	9,412	10,621	7,178	7,667	8,668

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	
1990-91—									
February	2,920	3,136	3,198	3,707	3,985	3,887	841	1,006	
March	3,211	3,138	3,158	3,805	3,766	3,876	951	985	
April	3,032	3,220	3,142	3,905	4,133	3,876	821	969	
May	3,182	3,068	3,135	3,888	3,656	3,875	912	963	
June	3,084	3,115	3,133	3,938	3,814	3,876	858	963	
1991-92—									
July	3,389	3,315	3,122	4,260	4,171	3,896	1,035	967	
August	3,174	3,005	3,099	4,086	3,833	3,953	896	975	
September	3,043	2,959	3,079	3,729	3,936	4,041	1,122	987	
October	3,569	3,261	3,078	4,441	4,004	4,155	1,021	1,003	
November	3,212	3,001	3,095	4,467	4,473	4,276	953	1,020	
December	2,948	2,934	3,125	4,364	4,517	4,380	1,811	1,033	
January	2,610	3,394	3,158	3,941	4,393	4,463	773	1,041	
February	3,022	3,184	3,179	4,195	4,387	4,513	912	(c)	
March	3,489	3,184	3,189	5,013	4,775	4,541	1,049	(c)	
April p	2,824	3,121	3,183	4,123	4,368	4,548	770	(c)	
	NT(b)			ACT(b)			Australia		
	Original	Trend estimate		Original	Trend estimate		Original	Seasonally adjusted	Trend estimate
1990-91—									
February	279	367	818		894	39,054	42,975	42,493	
March	360	373	868		915	40,229	40,997	41,811	
April	432	382	926		945	39,408	41,847	41,589	
May	460	388	1,068		990	45,714	41,024	41,485	
June	408	385	944		1,037	41,572	41,383	41,342	
1991-92—									
July	444	375	1,150		1,071	46,424	42,579	41,089	
August	403	368	1,221		1,076	42,410	41,168	40,844	
September	317	370	1,111		1,051	40,396	39,773	40,687	
October	423	383	1,112		996	42,985	40,006	40,976	
November	363	404			930	41,862	42,115	41,809	
December	403	422	862		871	41,380	41,249	42,982	
January	333	432	642		833	38,298	46,265	44,188	
February	363	(c)	757		(c)	41,155	44,697	45,131	
March	491	(c)	840		(c)	51,286	48,912	45,769	
April p	404	(c)	796		(c)	39,276	42,748	46,092	

(a) Excludes motor cycles, plant and equipment, caravans and trailers. (b) See paragraph 9 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

The statistics in this publication are based on processing procedures using the new Vehicle Identification Number (VIN) adopted by the motor vehicle registration authorities (see paragraph 7). The VIN system allows more accurate classification of vehicles. As a result, data processed on this system are not strictly comparable with those processed prior to December 1990, for some States.

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.

Vehicle Identification Number

6. The Vehicle Identification Number (VIN) uniquely identifies each vehicle. Embedded within this number are details of make and model together with other relevant information con-

cerning the vehicle. The VIN is now collected by the various motor vehicle registration authorities at the time each new vehicle is registered. The VIN is passed on to the Australian Bureau of Statistics (ABS) as part of the New Motor Vehicles Registrations record.

Vehicle Classification

7. The decoding of the VIN has resulted in better identification of each vehicle's bodycode and consequently classification of vehicles to particular categories. Vehicles such as micro-buses which, in the old system, had been classified to passenger vehicles in some States but to buses in other States, are now consistently classified. Similarly, in the old system utilities and cab-chassis, which were sometimes classified to small trucks, are now consistently classified to light commercial vehicles. In addition, duplicate records, out of scope vehicles and those vehicles not registered for the first time can now be more accurately identified and therefore excluded from the statistics.

8. *Passenger vehicles* include cars, station wagons, 4wd passenger vehicles and forward control passenger vehicles. *Light commercial vehicles* are goods carrying vehicles not exceeding 3.5 tonnes gross vehicles mass. Included are utilities, panel vans, cab-chassis and forward control vehicles (whether 4wd or not).

Seasonal adjustment

9. 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 "Passenger vehicles", "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 "Passenger vehicles" 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".

10. 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.

11. 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.

12. 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.

13. 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

14. 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, 1989-90 (9304.0)

15. 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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