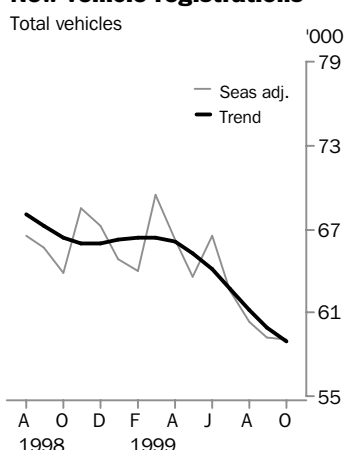


# NEW MOTOR VEHICLE REGISTRATIONS

AUSTRALIA  
PRELIMINARY

EMBARGO: 11:30AM (CANBERRA TIME) FRI 26 NOV 1999

## New vehicle registrations



## OCTOBER KEY FIGURES

### TREND ESTIMATES

	Oct 1999	% change Sep 1999 to Oct 1999	% change Oct 1998 to Oct 1999
Total new motor vehicle registrations	58 974	-1.5	-11.1
Passenger vehicles	48 074	-2.1	-13.7
Other vehicles	10 900	1.1	2.8

### SEASONALLY ADJUSTED

	Oct 1999	% change Sep 1999 to Oct 1999	% change Oct 1998 to Oct 1999
Total new motor vehicle registrations	59 002	-0.3	-7.6
Passenger vehicles	48 145	-1.2	-9.9
Other vehicles	10 857	3.8	4.1

### ORIGINAL ESTIMATES

	Oct 1999	% change Sep 1999 to Oct 1999	% change Oct 1998 to Oct 1999
Total new motor vehicle registrations	56 885	-3.9	-12.0
Passenger vehicles	46 872	-4.5	-14.2
Other vehicles	10 013	-1.0	0.3

## OCTOBER KEY POINTS

### TREND ESTIMATES

- The October 1999 trend estimate for total new vehicle registrations of 58 974 was the lowest since the June 1997 estimate of 58 360 and has continued to fall since its most recent peak in February 1999. The downward trend for total registrations reflects a continued fall for new passenger vehicle registrations since March 1999, offset partly by a continued rise in the registration of other vehicles since May 1999.

**TAKE CARE!**  
Trend estimates are revised as new monthly data become available.

### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimates for total new motor vehicle registrations fell by 0.3% in October 1999 compared with September 1999. Passenger vehicle registrations fell by 1.2% while those for other vehicles rose by 3.8% this month.

### ORIGINAL ESTIMATES

- In original terms, the October 1999 estimates for new motor vehicle registrations continued the fall since June 1999. Total vehicles fell by 3.9% from the previous month, passenger vehicles fell by 4.5% and other vehicles fell by 1.0%.

- For further information about these and related statistics, contact Robin Walden on Brisbane 07 3222 6180, or Client Services in any ABS office as shown on the back cover of this publication.

# NOTES

## FORTHCOMING ISSUES

ISSUE	RELEASE DATE
November 1999	24 December 1999
December 1999	28 January 2000
January 2000	25 February 2000
February 2000	31 March 2000
March 2000	1 May 2000
April 2000	26 May 2000

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## CHANGES IN THIS ISSUE

There are no changes in this issue.

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## TREND REVISIONS

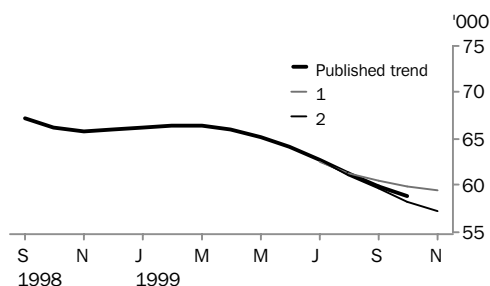
The most recent trend estimates are likely to be revised when new seasonally adjusted estimates become available.

The graph below presents the effect of two possible scenarios on the previous trend estimates:

- 1 The November seasonally adjusted estimate for total vehicle registrations is higher than the October seasonally adjusted estimate by 4.5%.
- 2 The November seasonally adjusted estimate for total vehicle registrations is lower than the October seasonally adjusted estimate by -4.5%.

The percentage change of 4.5% was chosen because the average absolute percentage change, based on the last 11 years, has been 4.5%.

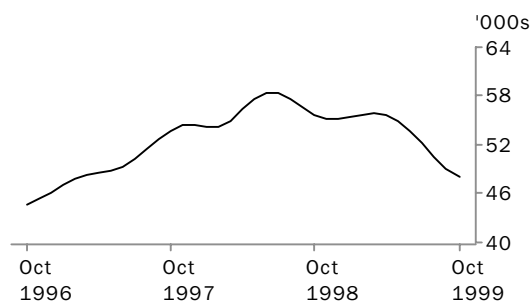
**TAKE CARE!**  
Trend estimates are revised as new monthly data become available.



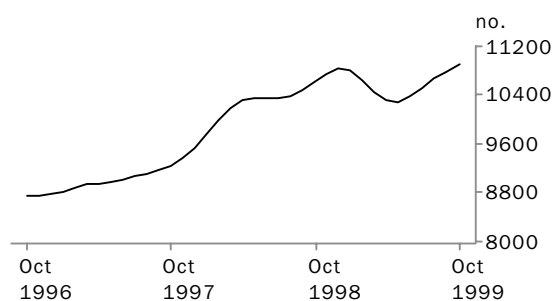
Dennis Trewin  
Acting Australian Statistician

# VEHICLE REGISTRATIONS BY TYPE:Trend series

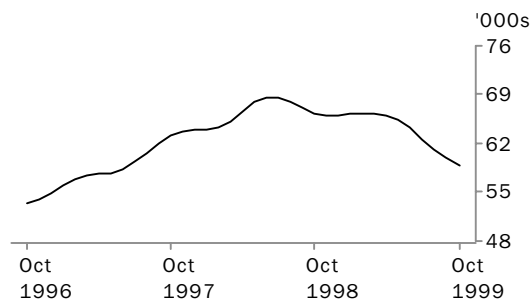
## PASSENGER VEHICLES



## OTHER VEHICLES



## TOTAL VEHICLES (EXCLUDING MOTOR CYCLES)



## NEW MOTOR VEHICLES, Registrations By Type: All series(a)

<i>Month</i>	<i>Passenger vehicles</i>	<i>Other vehicles</i>	<i>Total</i>
ORIGINAL			
<b>1998</b>			
August	54 789	9 551	64 340
September	55 336	9 893	65 229
October	54 632	9 986	64 618
November	57 161	10 679	67 840
December	60 418	10 667	71 085
<b>1999</b>			
January	42 137	7 954	50 091
February	50 775	9 557	60 332
March	64 011	12 190	76 201
April	50 963	9 005	59 968
May	53 036	10 862	63 898
June	65 067	14 428	79 495
July	53 161	11 253	64 414
August	49 668	10 224	59 892
September	49 104	10 111	59 215
October	46 872	10 013	56 885
SEASONALLY ADJUSTED			
<b>1998</b>			
August	56 044	10 411	66 455
September	55 385	10 255	65 640
October	53 456	10 429	63 885
November	57 457	11 079	68 536
December	56 522	10 679	67 201
<b>1999</b>			
January	53 658	11 228	64 886
February	53 441	10 476	63 917
March	58 556	10 860	69 416
April	56 370	9 881	66 251
May	53 592	9 921	63 513
June	56 278	10 214	66 492
July	51 605	10 956	62 561
August	49 293	11 005	60 298
September	48 734	10 458	59 192
October	48 145	10 857	59 002
TREND ESTIMATES			
<b>1998</b>			
August	57 723	10 397	68 120
September	56 712	10 480	67 192
October	55 710	10 607	66 317
November	55 153	10 753	65 906
December	55 115	10 842	65 957
<b>1999</b>			
January	55 449	10 810	66 259
February	55 767	10 650	66 417
March	55 907	10 458	66 365
April	55 706	10 316	66 022
May	54 997	10 292	65 289
June	53 772	10 381	64 153
July	52 160	10 528	62 688
August	50 560	10 671	61 231
September	49 109	10 780	59 889
October	48 074	10 900	58 974

(a) Trend estimates for April 1999 to September 1999 have been revised.

NEW MOTOR VEHICLES, Registrations By Type: **Original**

Month	Passenger vehicles	Light commercial vehicles	Rigid trucks	Articulated trucks	Non-freight carrying trucks	Buses	Total (excludes motor cycles)	Motor cycles
<b>1998</b>								
August	54 789	7 700	1 040	413	85	313	64 340	2 276
September	55 336	8 012	1 132	327	127	295	65 229	2 681
October	54 632	7 987	1 077	401	176	345	64 618	2 692
November	57 161	8 853	1 099	358	107	262	67 840	2 869
December	60 418	8 732	1 222	295	111	307	71 085	2 740
<b>1999</b>								
January	42 137	6 823	625	207	43	256	50 091	2 178
February	50 775	7 996	942	247	57	315	60 332	2 451
March	64 011	10 230	1 215	310	111	324	76 201	2 720
April	50 963	7 434	976	265	79	251	59 968	2 195
May	53 036	8 988	1 200	342	80	252	63 898	2 437
June	65 067	12 053	1 476	436	108	355	79 495	2 498
July	53 161	9 364	1 047	363	137	342	64 414	2 656
August	49 668	8 456	1 099	302	139	228	59 892	2 578
September	49 104	8 203	1 227	321	80	280	59 215	2 898
October	46 872	8 196	1 124	345	81	267	56 885	2 955

## NEW MOTOR VEHICLES, Registrations By State: All series(a)

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ORIGINAL									
<b>1998</b>									
August	21 692	16 286	12 018	4 540	6 386	1 351	638	1 429	64 340
September	22 314	16 597	12 434	4 166	6 378	1 496	606	1 238	65 229
October	21 881	16 794	12 048	4 237	6 515	1 233	730	1 180	64 618
November	23 924	17 170	12 658	4 475	6 443	1 324	609	1 237	67 840
December	23 041	18 902	13 934	4 342	7 060	1 773	684	1 349	71 085
<b>1999</b>									
January	17 168	12 677	9 449	3 045	5 402	976	442	932	50 091
February	20 483	15 786	11 371	3 923	6 104	928	650	1 087	60 332
March	26 240	19 529	14 784	4 809	7 395	1 227	916	1 301	76 201
April	20 664	17 003	9 460	3 815	6 069	1 098	826	1 033	59 968
May	23 163	16 427	11 134	3 966	6 203	1 113	772	1 120	63 898
June	27 343	20 672	14 796	4 694	8 577	1 129	884	1 400	79 495
July	24 236	17 591	10 264	4 118	5 010	1 349	634	1 212	64 414
August	21 102	16 298	9 852	3 851	5 807	1 270	613	1 099	59 892
September	20 647	16 568	9 563	3 651	5 629	1 458	693	1 006	59 215
October	20 128	15 781	8 961	3 659	5 634	1 130	609	983	56 885
SEASONALLY ADJUSTED									
<b>1998</b>									
August	22 355	16 584	12 695	4 588	6 871	1 314	700	1 348	66 455
September	23 217	16 610	12 139	4 103	6 459	1 273	614	1 225	65 640
October	21 731	16 347	11 940	4 232	6 478	1 198	726	1 233	63 885
November	23 212	17 208	14 123	4 340	6 397	1 370	672	1 214	68 536
December	23 116	17 384	12 946	4 091	6 435	1 118	759	1 352	67 201
<b>1999</b>									
January	22 177	17 393	11 825	4 111	6 228	1 372	620	1 160	64 886
February	21 504	16 544	12 409	4 038	6 339	1 149	761	1 173	63 917
March	23 601	17 720	13 323	4 372	7 170	1 306	755	1 169	69 416
April	22 410	18 967	10 468	4 223	6 663	1 490	869	1 161	66 251
May	21 927	16 706	11 454	4 168	6 214	1 169	692	1 183	63 513
June	23 432	17 672	11 232	3 948	7 372	1 104	595	1 137	66 492
July	23 486	16 970	9 802	4 097	5 065	1 290	642	1 209	62 561
August	21 306	15 925	10 593	3 737	5 854	1 189	665	1 029	60 298
September	21 221	16 133	9 473	3 571	5 777	1 294	720	1 003	59 192
October	21 241	16 285	9 011	3 906	5 782	1 120	632	1 025	59 002
TREND ESTIMATES									
<b>1998</b>									
August	23 332	17 012	12 845	4 568	6 967	1 349	693	1 354	68 120
September	23 105	16 904	12 758	4 420	6 710	1 305	681	1 309	67 192
October	22 811	16 816	12 720	4 275	6 485	1 264	675	1 271	66 317
November	22 597	16 863	12 734	4 179	6 372	1 241	681	1 239	65 906
December	22 491	17 042	12 749	4 144	6 364	1 247	702	1 218	65 957
<b>1999</b>									
January	22 467	17 288	12 689	4 155	6 460	1 267	728	1 205	66 259
February	22 493	17 510	12 432	4 180	6 582	1 281	745	1 194	66 417
March	22 567	17 653	12 070	4 196	6 665	1 283	748	1 183	66 365
April	22 681	17 663	11 661	4 180	6 652	1 276	736	1 173	66 022
May	22 728	17 513	11 256	4 129	6 525	1 261	715	1 162	65 289
June	22 650	17 231	10 846	4 041	6 311	1 240	689	1 145	64 153
July	22 396	16 868	10 407	3 938	6 073	1 222	667	1 117	62 688
August	22 051	16 516	10 003	3 846	5 869	1 208	655	1 083	61 231
September	21 673	16 215	9 627	3 770	5 709	1 195	651	1 049	59 889
October	21 398	15 971	9 405	3 726	5 625	1 182	647	1 020	58 974

(a) Trend estimates for April 1999 to September 1999 have been revised.

NEW PASSENGER VEHICLES, Top Make/models: **Original**—October 1999

Make/Model	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
<b>Holden</b>									
Commodore/Calais	2 144	2 071	819	628	540	79	51	134	6 466
Vectra	277	312	71	71	46	12	1	17	807
Astra	245	177	80	35	55	9	5	12	618
Other	506	454	197	105	133	19	6	28	1 448
Total	3 172	3 014	1 167	839	774	119	63	191	9 339
<b>Toyota</b>									
Camry/Vienta	1 384	887	512	195	286	68	51	76	3 459
Corolla	441	332	195	56	162	18	9	16	1 229
Landcruiser	168	159	148	26	97	6	23	3	630
Other	605	424	375	123	238	33	40	23	1 861
Total	2 598	1 802	1 230	400	783	125	123	118	7 179
<b>Ford</b>									
Falcon/Fairmont	1 621	1 710	689	266	506	69	32	94	4 987
Festiva	352	242	190	88	93	33	8	19	1 025
Laser	183	189	86	34	59	11	4	16	582
Other	180	183	69	34	55	7	3	10	541
Total	2 336	2 324	1 034	422	713	120	47	139	7 135
<b>Mitsubishi</b>									
Magna	513	519	268	250	196	35	27	42	1 850
Lancer	363	414	174	59	134	32	6	47	1 229
Pajero	192	117	95	24	46	8	11	11	504
Other	361	134	114	47	87	8	5	24	780
Total	1 429	1 184	651	380	463	83	49	124	4 363
<b>Hyundai</b>									
Excel	642	413	232	98	254	37	10	18	1 704
Lantra	265	160	111	39	120	21	7	9	732
Sonata	113	83	79	15	49	10	2	1	352
Other	63	54	43	17	24	1	3	4	209
Total	1 083	710	465	169	447	69	22	32	2 997
<b>Nissan</b>									
Pulsar	598	547	358	63	132	74	18	34	1 824
Patrol	181	150	154	38	91	6	12	6	638
Pathfinder	110	90	54	11	22	8		3	298
Other	38	36	72	11	16	2	1	1	177
Total	927	823	638	123	261	90	31	44	2 937
<b>Honda</b>									
CRV	387	305	82	35	68	17	8	12	914
Civic	244	192	55	28	59	12	2	4	596
HR-V	99	86	31	25	26	2	6	10	285
Other	220	168	65	30	53	1	3	16	556
Total	950	751	233	118	206	32	19	42	2 351

## EXPLANATORY NOTES

### INTRODUCTION

- 1** This publication presents monthly data for registrations of new motor vehicles.
- 2** The statistics in this publication use the Vehicle Identification Number (VIN), adopted by the State and Territory motor vehicle registration authorities. The information contained in the VIN allows more accurate classification of vehicles. In the case of some States, data processed using the VIN system are not strictly comparable with data processed prior to December 1990.

### SCOPE AND COVERAGE

- 3** Motor vehicle registration statistics are obtained from State and Territory motor vehicle registration authorities. The statistics reflect information recorded in registration documents. With the exception of Queensland, the statistics do not depart significantly from actual registrations during the period. In the case of Queensland, a number of registrations processed in a month actually relate to vehicles registered prior to that month.
- 4** New motor vehicle registrations are obtained from New South Wales, Victoria, Queensland and Western Australia registration authorities on a weekly basis. Other registries provide data for each calendar month. The ABS processes the weekly registration data provided for the above-mentioned States and includes data for the relevant month in this publication. Data referring to the next month are withheld and included in the next month's publication. In some months, the ABS processes five weeks of data for the above States, while other months include four weeks of data. In months where five weeks of data are processed and depending on the actual pattern of registration processing, it is possible that there will be a greater number of registrations recorded because the carry forward from the previous month is likely to be greater than the carry over to the next month.
- 5** The scope of the statistics:
  - includes:
    - passenger vehicles
    - light commercial vehicles
    - trucks
    - buses
    - motorcycles (note: not included in totals)
    - vehicles with diplomatic and consular plates
    - State and Commonwealth owned vehicles
  - excludes:
    - vehicles belonging to the defence forces
    - recreation vehicles such as trail bikes and sand dune buggies (in those States where registration is required).

### SEASONAL ADJUSTMENT

- 6** Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences can be more clearly recognised.
- 7** Seasonal adjustment does not remove from the series the effect of irregular or non-seasonal influences (e.g. the introduction of new models, processing delays, industrial disputes).



## EXPLANATORY NOTES

### SEASONAL ADJUSTMENT *continued*

**8** Irregular influences that are highly volatile can make it difficult to interpret the series even after adjustment for seasonal variation.

**9** Extreme care should be exercised in using the seasonally adjusted series for new motor vehicle registrations in Tasmania, the Northern Territory and the Australian Capital Territory. The small numbers and volatile nature of these data makes reliable estimation of the seasonal pattern very difficult.

**10** Seasonally adjusted series are calculated for the 'Passenger vehicles', 'Other vehicles' and 'Total vehicles' series for each State and Territory and are aggregated to obtain the total for Australia.

**11** Seasonal adjustment factors are analysed and revised as necessary annually.

### TREND ESTIMATES

**12** The smoothing of seasonally adjusted series to create trend estimates reduces the impact of the irregular component of the seasonally adjusted series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time.

**13** While this smoothing technique enables trend estimates to be produced for the latest month, it does result in revisions to the trend estimates for the most recent months as data for subsequent months become available. Generally subsequent revisions become smaller and after three months, usually have a negligible impact on the series. Changes in the original data and re-estimation of seasonal factors may also lead to revisions to the trend. For more information, see *A Guide to Interpreting Time Series—Monitoring 'Trends'—an Overview* (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on (02) 6252 6345.

### RELATED PUBLICATIONS

**14** For a more detailed break-up of the monthly figures presented here, enquiries should be made to Robin Walden on 07 3222 6180 or to any ABS office. Additional statistics, including registrations of trailers and caravans, are also available in the Special Data Service, *New Motor Vehicle Registrations, Australia* (9303.0.40.003). Data on total vehicle registrations are published annually in *Motor Vehicle Census, Australia, 31 October 1998* (Cat. no. 9309.0).

### SYMBOLS AND OTHER USAGES

n.p. not available for publication, but included in totals.

## G L O S S A R Y

<b>Articulated trucks</b>	Vehicles constructed primarily for load carrying consisting of a prime mover having no significant load carrying area but with a turn table device which can be linked to a trailer. With or without a trailer the gross combination mass will be 3.5 tonnes or more.
<b>Buses</b>	Vehicles constructed for the carriage of passengers. Included are all passenger vehicles with 10 seats or more, including the driver's seat.
<b>Light commercial vehicles</b>	Describes goods carrying vehicles less than 3.5 tonnes gross vehicle mass. Included are utilities, panel vans, cab-chassis and forward control vehicles (whether four-wheel drive or not).
<b>Motor cycles</b>	Includes 2 and 3 wheeled mopeds, scooters, motor tricycles and motor cycles with side cars.
<b>Non-freight carrying trucks</b>	Includes specialist vehicles such as ambulances, mobile cranes or vehicles fitted with special purpose equipment and having no goods carrying capacity.
<b>Passenger vehicles</b>	Includes cars, station wagons, four-wheel drive passenger vehicles and forward control passenger vehicles with up to nine seats (including the driver).
<b>Registrations</b>	This includes all registrations processed by the motor vehicle registration authorities in the States and Territories during the relevant period.
<b>Rigid trucks</b>	Vehicles constructed primarily for load carrying with a gross vehicle mass of 3.5 tonnes or more.
<b>VIN</b>	The Vehicle Identification Number (VIN) uniquely identifies each vehicle. Embedded in the number are details of make and model together with other relevant information about the vehicle. The VIN is collected by the motor vehicle registration authorities at the time of registration.



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	Melbourne	03 9615 7755	03 9615 7798
	Brisbane	07 3222 6351	07 3222 6283
	Perth	08 9360 5140	08 9360 5955
	Adelaide	08 8237 7400	08 8237 7566
	Hobart	03 6222 5800	03 6222 5995
	Darwin	08 8943 2111	08 8981 1218

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2930100010990  
ISSN 1323-4528

RRP \$15.00