

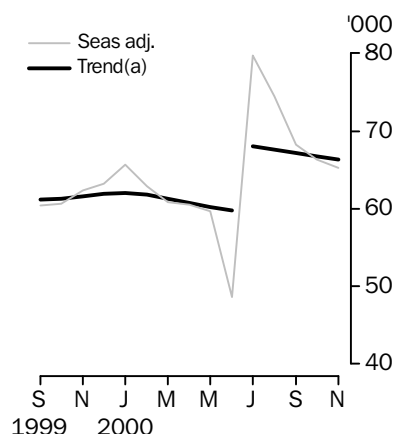
# NEW MOTOR VEHICLE REGISTRATIONS

AUSTRALIA  
PRELIMINARY

EMBARGO: 11:30AM (CANBERRA TIME) FRI 22 DEC 2000

## New vehicle registrations

Total vehicles



## NOVEMBER KEY FIGURES

### TREND ESTIMATES

	Nov 2000	% change Oct 2000 to Nov 2000	% change Nov 1999 to Nov 2000
Total new motor vehicle registrations	66 276	-0.7	7.6
Passenger vehicles	56 542	-0.5	12.1
Other vehicles	9 734	-1.7	-12.9

(a) Refer to Changes in this Issue on page 2.

### SEASONALLY ADJUSTED

	Nov 2000	% change Oct 2000 to Nov 2000	% change Nov 1999 to Nov 2000
Total new motor vehicle registrations	65 195	-1.8	4.5
Passenger vehicles	55 706	-1.3	9.1
Other vehicles	9 489	-4.6	-16.2

### ORIGINAL ESTIMATES

	Nov 2000	% change Oct 2000 to Nov 2000	% change Nov 1999 to Nov 2000
Total new motor vehicle registrations	68 395	5.1	3.8
Passenger vehicles	58 644	5.6	8.6
Other vehicles	9 751	2.4	-17.7

## NOVEMBER KEY POINTS

### TREND ESTIMATES

- The trend estimate for total new motor vehicle registrations fell by 0.7% in November 2000 compared with the previous month. Since the marked increase in registrations immediately following the introduction of the GST, the trend has fallen slightly in each of the last four months. In November, passenger vehicles fell by 0.5% and other vehicles fell by 1.7%.

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

### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for new motor vehicle registrations fell by 1.8% in November 2000 compared with the previous month. Falls were recorded in Victoria, South Australia, Western Australia and the Northern Territory while all other states and territories recorded rises.

### ORIGINAL ESTIMATES

- Total new motor vehicle registrations rose by 5.1% in November 2000 compared with the previous month. All states and territories recorded a rise in registrations except Victoria.

- For further information about these and related statistics, contact Robin Walden on Brisbane 07 3222 6180, or the National Information Service on 1300 135 070.

# NOTES

## FORTHCOMING ISSUES

ISSUE	RELEASE DATE
December 2000	25 January 2001
January 2001	23 February 2001
February 2001	30 March 2001
March 2001	27 April 2001
April 2001	25 May 2001
May 2001	29 June 2001

## CHANGES IN THIS ISSUE

This issue includes changes to both the seasonally adjusted series and the trend estimate series. The changes to the seasonally adjusted series result from the annual re-estimation of seasonal factors. The changes to the trend series are a consequence of:

- annual re-analysis of the seasonally adjusted series;
- corrections for the extreme movements in the original series estimates for June, July and August 2000; and
- adjustments to the trend level from July 2000 as a result of the introduction of the New Tax System.

A break in the trend series has been inserted between June 2000 and July 2000. Care should therefore be taken in comparing the series over time.

## TREND REVISIONS

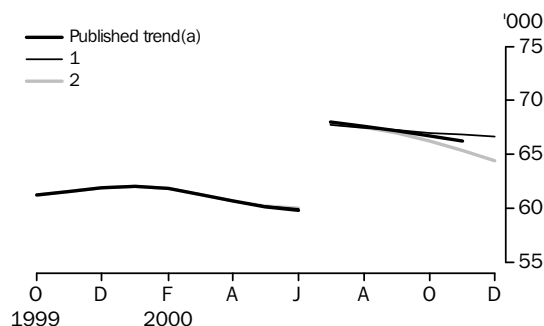
The most recent trend estimates are likely to be revised when new seasonally adjusted estimates become available.

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

- 1** The December seasonally adjusted estimate for total vehicle registrations is higher than the November seasonally adjusted estimate by 4.1%.
- 2** The December seasonally adjusted estimate for total vehicle registrations is lower than the November seasonally adjusted estimate by -4.1%.

The percentage change of 4.1% was chosen because the average absolute percentage change, based on the last 11 years, has been 4.1%.

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



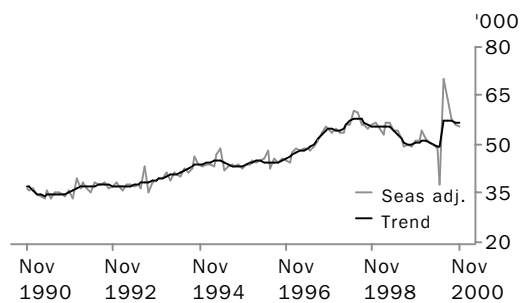
(a) Refer to Changes in this Issue above.

Dennis Trewin  
Australian Statistician

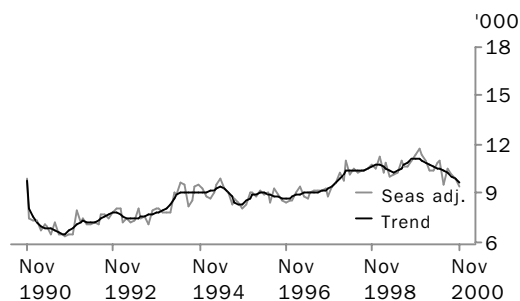
## VEHICLE REGISTRATIONS BY TYPE(a)

### SEASONALLY ADJUSTED AND TREND

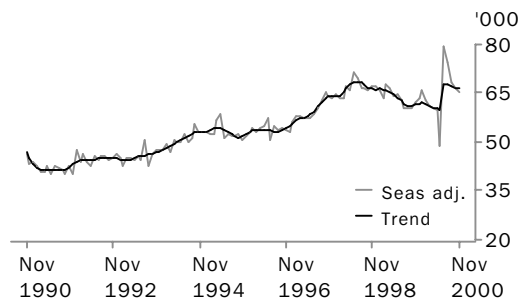
#### PASSENGER VEHICLES



#### OTHER VEHICLES



#### TOTAL VEHICLES (EXCLUDING MOTOR CYCLES)



(a) Refer to Changes In This Issue on page 2.

## 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>1999</b>			
September	49 104	10 111	59 215
October	46 856	10 028	56 884
November	54 009	11 853	65 862
December	54 941	11 705	66 646
<b>2000</b>			
January	42 236	8 021	50 257
February	51 401	10 809	62 210
March	56 257	11 457	67 714
April	41 649	8 664	50 313
May	51 554	12 585	64 139
June	45 521	15 358	60 879
July	69 632	9 354	78 986
August	65 811	10 557	76 368
September	54 759	9 227	63 986
October	55 528	9 520	65 048
November	58 644	9 751	68 395
SEASONALLY ADJUSTED			
<b>1999</b>			
September	49 699	10 704	60 403
October	49 620	11 059	60 679
November	51 052	11 330	62 382
December	51 449	11 723	63 172
<b>2000</b>			
January	54 233	11 405	65 638
February	51 921	10 991	62 912
March	50 435	10 403	60 838
April	50 074	10 417	60 491
May	48 821	10 873	59 694
June	37 610	10 985	48 595
July	70 133	9 547	79 680
August	63 915	10 572	74 487
September	58 129	10 171	68 300
October	56 419	9 945	66 364
November	55 706	9 489	65 195
TREND ESTIMATES			
<b>1999</b>			
September	50 225	10 955	61 180
October	50 147	11 120	61 267
November	50 430	11 178	61 608
December	50 779	11 128	61 907
<b>2000</b>			
January	51 035	11 026	62 061
February	50 964	10 884	61 848
March	50 581	10 732	61 313
April	50 082	10 614	60 696
May	49 635	10 541	60 176
June	49 312	10 478	59 790
July	57 629	10 374	68 003
August	57 391	10 225	67 616
September	57 123	10 062	67 185
October	56 819	9 899	66 718
November	56 542	9 734	66 276

(a) Trend estimates for May 2000 to October 2000 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>1999</b>								
September	49 104	8 203	1 227	321	80	280	59 215	2 898
October	46 856	8 215	1 119	345	83	266	56 884	2 897
November	54 009	9 793	1 245	358	128	329	65 862	3 179
December	54 941	9 715	1 249	268	96	377	66 646	2 850
<b>2000</b>								
January	42 236	6 821	673	186	48	293	50 257	2 425
February	51 401	9 102	997	278	69	363	62 210	2 604
March	56 257	9 585	1 176	288	56	352	67 714	2 945
April	41 649	7 127	968	198	58	313	50 313	2 518
May	51 554	10 625	1 348	196	61	355	64 139	2 770
June	45 521	13 170	1 354	193	113	528	60 879	2 259
July	69 632	7 508	1 047	485	62	252	78 986	2 842
August	65 811	8 689	1 138	331	90	309	76 368	3 125
September	54 759	7 436	1 057	297	148	289	63 986	3 008
October	55 528	7 776	1 151	285	73	235	65 048	3 143
November	58 644	7 972	1 118	284	100	277	68 395	3 344

## 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>1999</b>									
September	20 647	16 568	9 563	3 651	5 629	1 458	693	1 006	59 215
October	20 130	15 775	8 963	3 659	5 635	1 130	609	983	56 884
November	24 536	17 771	9 919	4 335	6 134	1 256	700	1 211	65 862
December	23 301	17 884	10 939	4 423	6 385	1 899	628	1 187	66 646
<b>2000</b>									
January	16 996	14 991	8 221	2 926	4 842	952	471	858	50 257
February	22 131	16 613	11 056	3 868	5 784	992	587	1 179	62 210
March	23 819	17 530	13 245	3 994	6 189	1 128	659	1 150	67 714
April	17 781	12 964	9 572	2 900	4 627	937	611	921	50 313
May	22 781	16 487	12 061	3 896	5 843	1 126	760	1 185	64 139
June	21 062	15 074	12 968	3 663	5 097	1 059	897	1 059	60 879
July	27 323	21 037	15 649	4 616	7 360	1 205	555	1 241	78 986
August	27 024	19 878	14 357	4 538	7 086	1 472	701	1 312	76 368
September	20 908	17 197	12 122	4 138	6 386	1 545	590	1 100	63 986
October	22 095	17 414	12 428	4 241	5 978	1 241	601	1 050	65 048
November	24 062	16 864	12 950	4 534	6 610	1 436	614	1 325	68 395
SEASONALLY ADJUSTED									
<b>1999</b>									
September	21 524	16 505	10 001	3 646	5 786	1 238	717	986	60 403
October	21 597	16 590	9 719	3 928	5 923	1 156	668	1 098	60 679
November	22 436	16 912	10 079	4 005	5 869	1 217	707	1 157	62 382
December	23 247	16 462	10 472	4 099	5 883	1 231	686	1 092	63 172
<b>2000</b>									
January	21 597	20 714	10 339	3 880	6 021	1 306	658	1 123	65 638
February	22 332	16 665	11 250	3 920	5 672	1 213	646	1 214	62 912
March	21 470	15 526	11 869	3 662	5 535	1 187	536	1 053	60 838
April	21 189	15 993	11 246	3 518	5 516	1 270	640	1 119	60 491
May	20 655	15 756	11 294	3 779	5 336	1 108	636	1 130	59 694
June	17 117	12 014	9 882	2 858	4 156	1 068	633	867	48 595
July	26 736	21 604	15 396	4 697	8 218	1 156	631	1 242	79 680
August	27 425	18 682	14 076	4 370	6 760	1 327	684	1 163	74 487
September	22 634	18 105	13 336	4 303	6 741	1 328	675	1 178	68 300
October	22 151	17 640	12 973	4 358	6 225	1 253	634	1 130	66 364
November	22 673	15 752	13 179	4 176	6 217	1 390	595	1 213	65 195
TREND ESTIMATES									
<b>1999</b>									
September	22 064	16 542	9 932	3 857	5 832	1 200	678	1 075	61 180
October	22 075	16 539	9 939	3 900	5 835	1 210	687	1 082	61 267
November	22 160	16 546	10 092	3 936	5 866	1 223	686	1 099	61 608
December	22 218	16 472	10 374	3 940	5 877	1 236	672	1 118	61 907
<b>2000</b>									
January	22 173	16 376	10 741	3 913	5 836	1 242	651	1 129	62 061
February	21 968	16 222	11 080	3 853	5 732	1 231	630	1 132	61 848
March	21 636	16 022	11 319	3 775	5 616	1 204	617	1 124	61 313
April	21 323	15 838	11 425	3 703	5 499	1 176	613	1 119	60 696
May	21 094	15 719	11 408	3 655	5 399	1 158	623	1 120	60 176
June	20 976	15 631	11 311	3 626	5 318	1 165	637	1 126	59 790
July	22 535	17 992	13 400	4 350	6 746	1 194	649	1 137	68 003
August	22 501	17 815	13 299	4 321	6 641	1 237	653	1 149	67 616
September	22 476	17 564	13 237	4 290	6 525	1 281	650	1 162	67 185
October	22 458	17 257	13 194	4 264	6 411	1 320	642	1 172	66 718
November	22 462	16 953	13 141	4 227	6 316	1 361	634	1 182	66 276

(a) Trend estimates for May 2000 to October 2000 have been revised.

NEW PASSENGER VEHICLES, Top Make/models: **Original**—November 2000

<i>Make/Model</i>	<i>New South Wales</i>	<i>Victoria</i>	<i>Queensland</i>	<i>South Australia</i>	<i>Western Australia</i>	<i>Tasmania</i>	<i>Northern Territory</i>	<i>Australian Capital Territory</i>	<b>Australia</b>
<b>Holden</b>									
Commodore/Calais	2 767	2 445	1 529	822	730	169	46	176	<b>8 684</b>
Astra	643	448	260	207	151	16	6	69	<b>1 800</b>
Barina	195	146	91	37	30	13	3	12	<b>527</b>
Other	410	432	211	101	131	22	6	18	<b>1 331</b>
Total	4 015	3 471	2 091	1 167	1 042	220	61	275	<b>12 342</b>
<b>Toyota</b>									
Corolla	1 003	764	586	134	539	60	21	41	<b>3 148</b>
Camry/Vienta	942	555	483	104	235	57	29	50	<b>2 455</b>
Avalon	353	251	167	55	107	38	13	24	<b>1 008</b>
Other	1 510	848	841	216	495	58	72	61	<b>4 101</b>
Total	3 808	2 418	2 077	509	1 376	213	135	176	<b>10 712</b>
<b>Ford</b>									
Falcon/Fairmont	1 726	1 704	914	350	418	68	27	90	<b>5 297</b>
Laser	395	377	201	122	80	39	12	34	<b>1 260</b>
Festiva	148	90	73	75	10	10	2	8	<b>416</b>
Other	162	163	93	29	55	5	3	9	<b>519</b>
Total	2 431	2 334	1 281	576	563	122	44	141	<b>7 492</b>
<b>Mitsubishi</b>									
Magna	529	508	349	292	193	31	16	50	<b>1 968</b>
Lancer	551	614	301	122	174	36	25	45	<b>1 868</b>
Mirage	374	112	114	51	22	13	2	27	<b>715</b>
Other	452	238	252	94	136	19	17	23	<b>1 231</b>
Total	1 906	1 472	1 016	559	525	99	60	145	<b>5 782</b>
<b>Hyundai</b>									
Accent	871	472	449	154	371	79	19	56	<b>2 471</b>
Lantra/Elantra	317	161	154	52	153	38	5	14	<b>894</b>
Sonata	118	41	16	12	19	1		2	<b>209</b>
Other	103	62	63	24	54	3	3	3	<b>315</b>
Total	1 409	736	682	242	597	121	27	75	<b>3 889</b>
<b>Nissan</b>									
Pulsar	632	405	400	74	134	110	27	53	<b>1 835</b>
Patrol	184	122	187	37	80	11	16	9	<b>646</b>
Pathfinder	122	85	57	15	24	5		6	<b>314</b>
Other	88	107	68	13	21	3		6	<b>306</b>
Total	1 026	719	712	139	259	129	43	74	<b>3 101</b>
<b>Honda</b>									
CRV	404	182	163	37	95	15	5	16	<b>917</b>
Civic	383	221	162	31	63	12	5	15	<b>892</b>
Accord	98	65	45	11	34	4	3	5	<b>265</b>
Other	169	85	58	27	56	6	2	11	<b>414</b>
Total	1 054	553	428	106	248	37	15	47	<b>2 488</b>

## 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. While the statistics do not depart significantly from actual registrations during the period, 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 and 'trading day effects' from the original series so that the effects of other influences can be more clearly recognised. 'Trading day effects' reflect the varying amounts of activity on different days of the week and the different numbers of days of the week in any month (i.e. the number of Sundays, Mondays etc.). Adjustment is also made for Easter which may affect the March and April estimates differently.

**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 Client Services in 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 1999* (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.



## FOR MORE INFORMATION...

- INTERNET** [www.abs.gov.au](http://www.abs.gov.au) the ABS web site is the best place to start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now—a statistical profile.
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- DIAL-A-STATISTIC** For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400 (call cost 77c per minute).

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