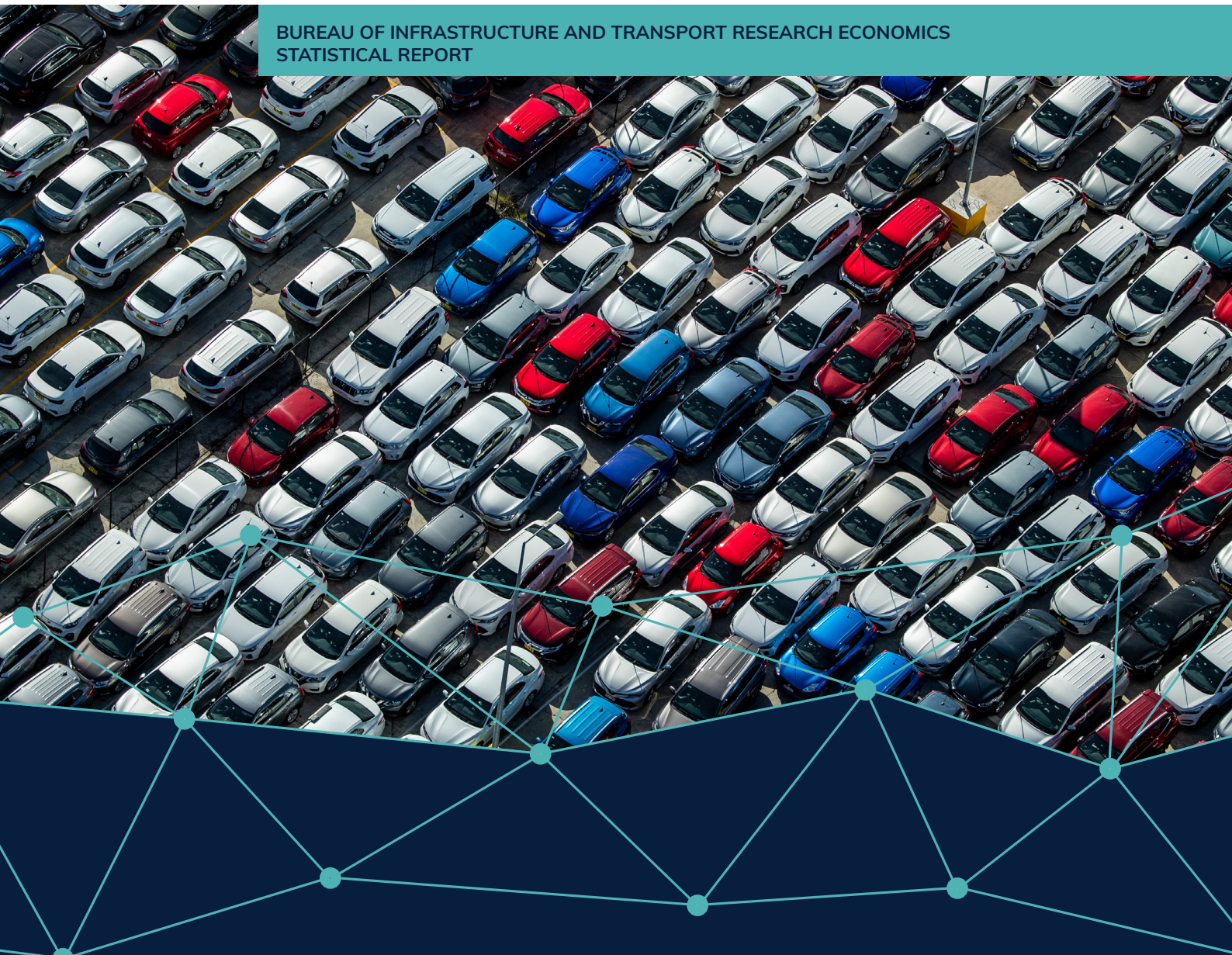




Australian Government

Department of Infrastructure, Transport,
Regional Development, Communications and the Arts

BUREAU OF INFRASTRUCTURE AND TRANSPORT RESEARCH ECONOMICS
STATISTICAL REPORT



Road

Road vehicle entry and recall statistics

January 2024

BUREAU OF INFRASTRUCTURE AND TRANSPORT RESEARCH ECONOMICS

Road vehicle entry and recall statistics

January 2024

Department of Infrastructure, Transport, Regional
Development, Communications and the Arts

Canberra, Australia

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Foreword

This report provides monthly statistics on the number of road vehicles entered on the Register of Approved Vehicles (RAV) and other activities governed under the *Road Vehicle Standards Act 2018* (RVSA).

The RVSA was introduced on 1 July 2021 to support the safety, environmental and anti-theft performance of all road vehicles being provided to the Australian market for the first time. The RVSA replaced the *Motor Vehicle Standards Act 1989* (MVSA). The RVSA also established the RAV, an online publicly-searchable database of all vehicles that have met requirements under the RVSA and approved for provision to the Australian market. The RVSA also covers vehicle recall notices and compliance and enforcement activities.

The RVSA is administered by the Road and Vehicle Safety Division, in the Department of Infrastructure, Transport, Regional Development, Communications and the Arts (the Department), and is supported by an online administration system ROVER. ROVER provides a single integrated system for all approvals and activities governed by the RVSA. Further information about the RVSA and ROVER is available on the Department's Road Vehicle Standards laws webpage.

The RVSA commenced in full on 1 July 2021, but included a transitional period for certain segments of the industry between 1 July 2021 and 30 June 2023. Under these arrangements, not all road vehicles were required to be reported under the RVSA, with some reporting still remaining under the MVSA. Consequently, the RAV provides a full enumeration of all road vehicles entering the Australian market from 1 July 2023 onwards. RAV entry statistics prior to 1 July 2023, while not a complete enumeration of vehicles then entering the Australian market, are provided here for completeness.

This report was prepared by the Transport Research and Modelling Section of the Bureau of Infrastructure and Transport Research Economics, based on road vehicle standards administrative data captured and managed through ROVER.

Georgia O’Cianain

A/g Head of Bureau

Bureau of Infrastructure and Transport Research Economics

February 2024

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Highlights – January 2024

This report presents statistics on the number of vehicles entered on the Register of Approved Vehicles (RAV), and other activities governed under the *Road Vehicle Standards Act 2018 (RVSA)* for the month of January 2024. The RAV includes all road vehicles, both new and used, approved to be provided to the Australian market for the first time. Entry on the RAV does not imply a vehicle *will* be sold into the Australian market nor when it might be first sold into the market.

Register of Approved Vehicles (RAV) entries

- There were 128,713 road vehicles entered on the RAV in January 2024, 13.5 per cent higher than total entries in December 2023 (i.e. 113,448 vehicles).¹
- There were 126,042 type approved vehicles entered in January 2024, 13.7 per cent higher than total type approved vehicles entries in December 2023 (i.e. 110,860 vehicles).
- Standard vehicles covered by a type approval represented approximately 99.8 per cent of total type approved entries (not including second stage of manufacture vehicles).
- Concessional RAV approval entries totalled 2,671 vehicles in the month of January 2024, 3.2 per cent higher than concessional RAV approval entries in December 2023 (i.e. 2,588 vehicles).

Type approved RAV entries by vehicle category

Motorised type approved RAV entries in the month of January 2024 comprised:

- 78,242 passenger vehicle RAV entries, 21.8 per cent higher than in December 2023
- 23,372 light commercial vehicle (LCV) RAV entries, 5.6 per cent higher than in December 2023
- 4,422 medium goods vehicle RAV entries, 47.4 per cent higher than in December 2023
- 1,801 heavy goods vehicle RAV entries, 28.2 per cent higher than in December 2023
- 394 bus RAV entries, 44.3 per cent higher than in December 2023, and
- 4,022 motorcycle RAV entries, 38 per cent lower than in December 2023.

Type approved RAV entries by vehicle make

The top five type vehicle makes entered on the RAV in January 2024, by vehicle type, were:

- Passenger vehicles: Toyota, Kia, Hyundai, Mitsubishi and Tesla
- Light commercial vehicles: Toyota, Ford, Isuzu, Mazda and Volkswagen
- Medium goods vehicles: Toyota, Isuzu, Mercedes-Benz, Hino and Fuso
- Heavy goods vehicles: Isuzu, Volvo, Kenworth, Hino and Fuso
- Buses: Toyota, Yutong, King Long, LDV and Irizar
- Motorcycles: Yamaha, Kawasaki, Honda, Triumph and BMW.

Concessional RAV entry approval vehicles

Total concessional RAV entries in the month of January 2024 comprised:

- 1,349 passenger vehicles
- 273 LCVs
- 38 medium goods vehicles
- 24 heavy goods vehicles, and
- 390 trailers.

¹ This estimate includes standard and non-standard new road vehicles, entering under a vehicle type approval, and new, specialist, special purpose and trailer-type vehicles, entering under a concessional approval, but excludes second stage of manufacture vehicle approval entries, which will already have a corresponding vehicle type or concessional approval.

Specialist and enthusiast vehicle approval RAV entries

- There were 1,660 specialist and enthusiast vehicles (SEVs) entries on the RAV in January 2024.
- There were 928 SEV RAV entries in January 2024 under environmental criterion.

Second stage of manufacture (SSM) RAV entries

- There were 4,387 SSM RAV entries in January 2024, comprising:
 - 3,072 light commercial vehicles
 - 854 medium goods vehicles
 - 265 passenger vehicles, and
 - 196 other vehicles.

Type approval RAV entries by trailer category

In the month of January 2024 there were:

- 11,762 type approved light trailer RAV entries
- 432 type approved medium trailer RAV entries, and
- 1,595 type approved heavy trailer RAV entries.

Type approved trailer RAV entries included approximately 2,760 caravans and camper trailers in the month of January 2024.²

Vehicle recall notices

- In January 2024 there were 21 recall notices published on the Department's website, covering approximately 27,728 vehicles.
- As at 31 January 2024 there were 4,926 recall notices on the Department's website, comprising the following vehicles (noting that vehicles may appear on more than one recall notice and thereby be counted multiple times in the estimates below):
 - Passenger cars – 3,216 notices (covering 18,843,002 vehicles)
 - Trucks and buses – 782 notices (covering 553,746 vehicles)
 - Motorcycles – 792 notices (covering 489,187 vehicles)
 - Caravans/motorhomes – 69 notices (covering 44,434 vehicles)
 - Trailers – 38 notices (covering 18,777 vehicles)
 - Other vehicles (not elsewhere specified) – 29 notices (covering 154,779 vehicles).

² Caravan and camper trailer vehicles are not separately enumerated in the RAV, BITRE has used trailer make and model information to derive caravan and camper trailer RAV entry estimates.

Introduction

This report provides monthly statistics on all approved road vehicles and activities governed under the Road Vehicle Standards Act 2018 (RVSA).

The RVSA was introduced on 1 July 2021 to support the safety, environmental and anti-theft performance of all road vehicles being provided to the Australian market for the first time. The RVSA replaced the Motor Vehicle Standards Act 1989 (MVSA). Further information about the RVSA is available on the Road Vehicle Standards laws page on the Department's website: www.infrastructure.gov.au.

The RVSA established the Register of Approved Vehicles (RAV), an online publicly-searchable database of vehicles that have met the requirements of the RVSA and been approved for provision to the Australian market. The RAV includes new road vehicles constructed in Australia and new and second-hand road vehicles imported from overseas, and covers motorised, non-motorised road vehicles (e.g. trailers, caravans, trailed machinery) and special purpose vehicles.

All road vehicles must be entered on the RAV before they are provided to the Australian market. An approval is required to import a road vehicle into Australia.

The RAV is administered by the Road and Vehicle Safety Division, within the Department of Infrastructure, Transport, Regional Development, Communications and the Arts (the Department).

This publication is consistent with and promotes the purposes of the RAV by making publicly-available information about vehicles suitable to be sold, leased or otherwise provided for use within Australia more readily accessible to industry, consumers and the broader community.

Register of Approved Vehicles

A vehicle may be entered on the RAV only if it satisfies the requirements of one of two entry pathways: vehicle type approval or concessional RAV entry approval.

A vehicle type approval identifies the applicable national road vehicle standards for a road vehicle type. It also specifies the documents submitted to confirm compliance with them. A vehicle type approval allows that type of vehicle to be provided to the Australian market in unlimited volume.

A concessional RAV entry approval provides for applications to enter a single vehicle or up to 30 identical vehicles³ as part of a single application (DITRDCA 2023b). Concessional RAV entry approvals provide for:

- road vehicles that are older vehicles
- road vehicles that are to be modified by the holder of a registered automotive workshop (RAW) approval
- road vehicle that are a special purpose vehicle
- road vehicles that are to be imported as part of an individual's personal effects – i.e. road vehicles of migrants settling in Australia or returning expatriate Australian citizens
- imported trailers (up to 4 trailers per annum)
- case-by-case assessment of vehicles suitable for entry on the RAV.

Further details about vehicle type and concessional approval conditions are provided in the Explanatory Notes and Glossary.

Vehicle attributes recorded on the RAV

The RAV includes details about vehicle make, model, tare weight, gross vehicle mass, seating capacity and maximum engine power, among other vehicle characteristics.⁴ The RAV does not currently include information about vehicle motive power source (e.g. internal combustion engine, battery electric vehicle) or fuel type (e.g. petrol, diesel, etc.) of each vehicle.

³ Only up to 4 trailers can be included in one concessional RAV entry approval application.

⁴ Note that some fields are not required for all vehicle categories.

RAV entry statistics

The RAV includes road vehicles that undergo a second stage of manufacture (SSM) process prior to being provided for the first time. SSM approvals typically cover modifications to the original vehicle (e.g. bus fit-out, campervan fit-out, off-road suspensions, etc.). Both SSM entry pathway sub-categories require that the vehicle has previously been entered on the RAV, either via a type approval or a concessional RAV entry approval entry pathway. In reporting total vehicles entered on the RAV, BITRE counts vehicles that undergo a SSM only once (i.e. the original vehicle type approval and not subsequent second stage of manufacture approvals).

RAV coverage

The statistics presented in this publication have been compiled from all vehicles entered on the RAV up to the end of January 2024.

Revisions to previously published estimates may occur where the RAV is updated to correct errors or remove entries.

The RVSA commenced in full on 1 July 2021 and triggered a 12-month transition period for certain segments of the industry to enter information on the RAV. This transitional period was subsequently extended for a further 12 months, to 30 June 2023, to allow more time for certain industry segments to transition their businesses to operate under the RVSA (see Explanatory Notes for details). Consequently, RAV entry statistics are not necessarily a full enumeration of all vehicles entering the Australian market prior to 1 July 2023. Pre-July 2023 estimates are provided here for completeness.

RAV entries and vehicle sales

The Department considers a road vehicle to have been provided to a consumer for the first time in Australia when:

- the vehicle has been correctly entered on the RAV, and
- a contract of sale has been entered into between the consumer and the original equipment manufacturer (OEM) or dealership (DITRDCA 2023a).

Hence, the RAV entry statistics provided in this report are not equivalent to vehicles sales, but may provide a leading indicator of likely future vehicle sales. The Federal Chamber of Automotive Industries (FCAI) and the Truck Industry Council (TIC) collect and report monthly sales of light vehicles and trucks, respectively.

At a manufacturer and vehicle model level, RAV entries can be unevenly distributed from month-to-month, which appears to reflect the import arrival pattern of vehicles entering Australia. As a consequence, there can be months in which there appear few (or no) RAV entries for individual vehicle makes and models.

Road vehicle classes and classifications

This publication reports RAV entries according to the following vehicle classes:

- Passenger vehicles (excluding omnibuses)
- Light commercial vehicles (LCVs)
- Medium goods vehicles (MGVs)
- Heavy goods vehicles (HGVs)
- Light buses
- Heavy buses
- Motorcycles
- Trailers⁵

These vehicle classes are based BITRE aggregation of the Australian Design Rules (ADR) vehicle categories and sub-categories. The ADR define the following five broad vehicle categories:

- Two-wheeled and three-wheeled vehicles

⁵ Separate estimates of non-motorised caravan and camper trailers are also derived, using known caravan/camper trailer makes and models.

- Passenger vehicles (excluding omnibuses)
- Omnibuses
- Goods vehicles
- Trailers

Within each of those categories are a varying number of sub-categories (see Glossary for details). The correspondence between the vehicle classes used in the report in this and ADR vehicle categories/sub-categories are shown in the table below.

The road vehicle classes reported here are similar, but not identical, to the vehicle (body) types reported in BITRE's *Road Vehicles Australia (RVA)* (BITRE 2023) annual census of registered vehicles in Australia. The correspondence between vehicle classes presented in this report and those used in BITRE (2023) are also shown in the table below.

Road vehicle type classification correspondence

Vehicle class	ADR vehicle category	ADR vehicle sub-category	RVA vehicle type
Passenger vehicles	Passenger vehicles (other than omnibuses)	Passenger car Forward-control passenger vehicle Off-road passenger vehicle	Passenger vehicles
Light commercial vehicles Medium goods vehicles Heavy goods vehicles	Goods vehicles	Light goods vehicles Medium goods vehicles Heavy goods vehicles	Light commercial vehicles Rigid and articulated trucks
Light buses Heavy buses	Omnibuses	Light omnibus Heavy omnibus	Light buses Heavy buses
Motorcycles	Two-wheeled and Three-wheeled vehicles	Moped - 2 Wheels Moped - 3 wheels Motor cycle Motor cycle and side car Motor tricycle	Motorcycles
Light trailers Medium trailers Heavy trailers	Trailers	Very light trailer Light trailer Medium trailer Heavy trailer	Trailers

Sources: Road Vehicle Standards Act 2018 and BITRE (2023).

Report structure

This report is structured as follows:

- Part 1 provides the following RAV entry statistics:
 - Total RAV entries by entry pathway and approval sub-category
 - Vehicle type approval RAV entries by vehicle type, make and model
 - Concessional-approval RAV entries by vehicle type and age profile, and SEV-approved RAV entries, by SEV category
 - SSM RAV entries by vehicle type, make and model
 - Separate enumeration of caravan and camper trailer approvals by major make and tare weight.
- Part 2 provides statistics on vehicle recall notices and the number of vehicles affected.

RAV entry statistics

RAV entry summary statistics

Table 1 Total RAV entries, by approval category and month, January 2024

Month	Approval category		Total ^a
	Type approval	Concessional approval	
Jan 2024	126,042	2,671	128,713
Dec 2023	110,860	2,588	113,448
Nov 2023	142,627	3,038	145,665
Oct 2023	141,168	2,809	143,977
Sep 2023	139,485	3,214	142,699
Aug 2023	152,606	3,282	155,888
Jul 2023	140,774	2,541	143,315
Jun 2023	133,431	4,127	137,558
May 2023	137,606	1,617	139,223
Apr 2023	99,848	1,162	101,010
Mar 2023	111,768	1,128	112,896
Feb 2023	92,522	1,136	93,658
Jan 2023	101,366	1,095	102,461
Dec 2022	104,651	1,141	105,792
Nov 2022	105,559	1,700	107,259
Oct 2022	106,405	1,569	107,974
Sep 2022	102,931	1,512	104,443
Aug 2022	114,310	1,591	115,901
Jul 2022	99,494	1,263	100,757
Jun 2022	98,937	1,454	100,391
May 2022	97,115	1,005	98,120
Apr 2022	84,165	1,136	85,301
Mar 2022	105,047	1,088	106,135
Feb 2022	92,259	1,412	93,671
Jan 2022	93,837	1,409	95,246

a. Total excludes Second Stage of Manufacture vehicles.

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Figure 1 Total RAV entries, by approval category and month, last 25 months

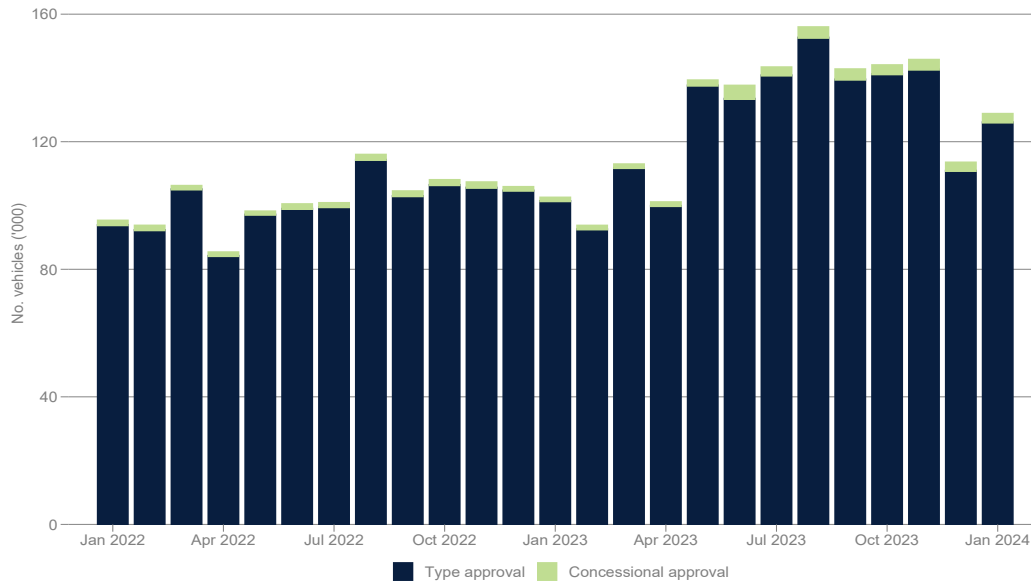


Table 2 Type approved RAV entries, by entry pathway and month, January 2024

Month	Type approvals			Total ^a
	Standard	Non-standard	SSM	
Jan 2024	125,901	141	4,387	126,042
Dec 2023	110,799	61	4,191	110,860
Nov 2023	142,571	56	4,701	142,627
Oct 2023	141,091	77	5,184	141,168
Sep 2023	139,395	90	6,802	139,485
Aug 2023	152,475	131	5,456	152,606
Jul 2023	140,697	77	4,168	140,774
Jun 2023	133,206	225	4,102	133,431
May 2023	137,503	103	4,230	137,606
Apr 2023	99,781	67	3,025	99,848
Mar 2023	111,699	69	4,091	111,768
Feb 2023	92,453	69	2,732	92,522
Jan 2023	101,290	76	2,445	101,366
Dec 2022	104,606	45	2,741	104,651
Nov 2022	105,532	27	3,401	105,559
Oct 2022	106,304	101	4,011	106,405
Sep 2022	102,857	74	3,335	102,931
Aug 2022	114,239	71	2,396	114,310
Jul 2022	99,433	61	2,077	99,494
Jun 2022	98,880	57	2,495	98,937
May 2022	97,051	64	2,354	97,115
Apr 2022	84,125	40	1,510	84,165
Mar 2022	104,987	60	2,186	105,047
Feb 2022	92,219	40	1,870	92,259
Jan 2022	93,810	27	956	93,837

a. Total excludes Second Stage of Manufacture vehicles.

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Figure 2 Type approved RAV entries, by approval sub-category and month, last 25 months

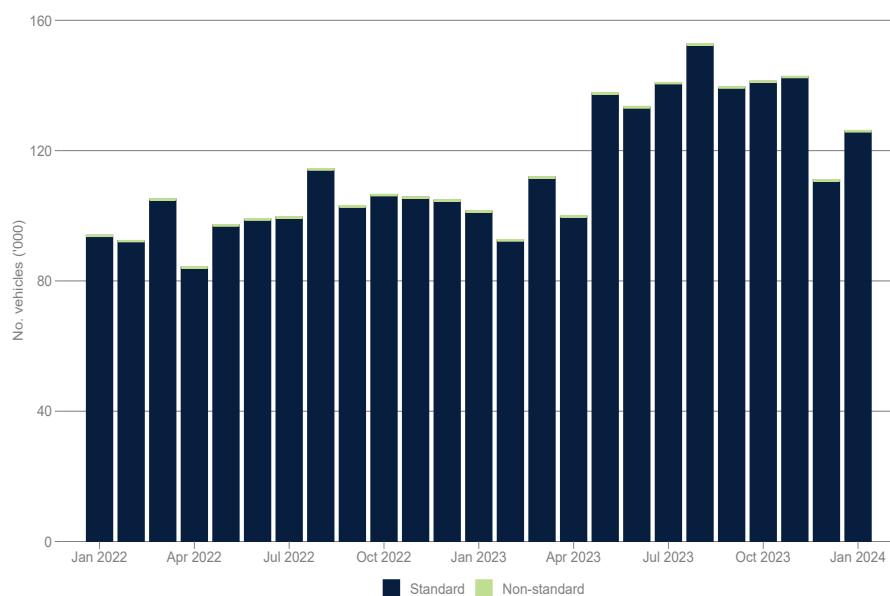


Table 3 Concessional RAV entry approval entries, by entry pathway and month, January 2024

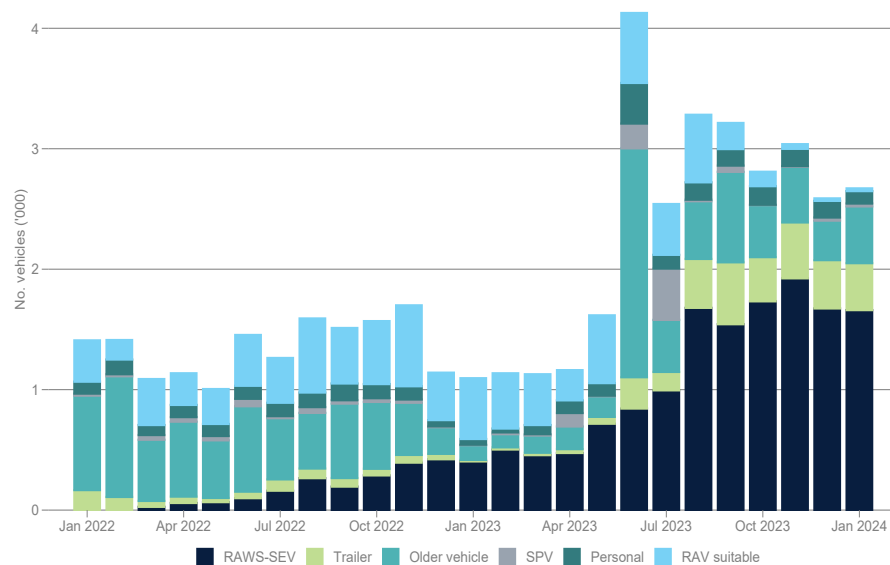
Month	Concessional RAV entry approvals							Total ^a
	RAWS-SEV	RAWS-SSM	Trailer	Older vehicle	SPV	Personal	RAV suitable	
Jan 2024	1,660	0	390	471	24	103	23	2,671
Dec 2023	1,674	1	401	328	26	138	21	2,588
Nov 2023	1,924	2	464	464	4	143	39	3,038
Oct 2023	1,733	5	367	432	3	154	120	2,809
Sep 2023	1,543	0	514	751	52	137	217	3,214
Aug 2023	1,679	1	406	479	13	144	561	3,282
Jul 2023	994	11	153	432	426	114	422	2,541
Jun 2023	843	19	260	1,900	206	337	581	4,127
May 2023	717	16	57	171	5	104	563	1,617
Apr 2023	474	0	32	188	112	105	251	1,162
Mar 2023	456	4	20	143	11	76	422	1,128
Feb 2023	503	3	18	109	15	32	459	1,136
Jan 2023	404	31	13	122	4	47	505	1,095
Dec 2022	422	4	45	221	7	52	394	1,141
Nov 2022	394	2	64	433	27	110	672	1,700
Oct 2022	288	6	55	555	31	117	523	1,569
Sep 2022	195	1	71	618	28	139	461	1,512
Aug 2022	265	2	80	462	48	121	615	1,591
Jul 2022	161	0	94	508	17	111	372	1,263
Jun 2022	99	0	54	709	62	108	422	1,454
May 2022	66	0	35	478	36	100	290	1,005
Apr 2022	59	0	53	622	38	101	263	1,136
Mar 2022	27	0	49	508	39	83	382	1,088
Feb 2022	0	0	109	1,002	17	122	162	1,412
Jan 2022	0	0	166	784	17	99	343	1,409

a. Total excludes Second Stage of Manufacture vehicles.

b. RAWS: Registered Automotive Workshop Scheme SSM: Second stage of manufacture SEV: Specialist and Enthusiast Vehicle SPV: Special Purpose Vehicle

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Figure 3 Concessional RAV entry approval entries, by approval sub-category and month, last 25 months

RAV entries by vehicle class

Table 4 Type approved RAV entries, motor vehicles, by vehicle type and month, January 2024

Month	Passenger vehicles	Light commercial vehicles	Medium goods vehicles	Heavy goods vehicles	Buses	Motorcycles	Total
Jan 2024	78,242	23,372	4,422	1,801	394	4,022	112,253
Dec 2023	64,242	22,129	3,000	1,405	273	6,486	97,535
Nov 2023	80,355	31,744	4,503	1,974	451	5,548	124,575
Oct 2023	83,779	29,181	3,580	2,343	413	5,796	125,092
Sep 2023	81,497	30,989	4,335	2,155	353	4,569	123,898
Aug 2023	96,802	25,084	5,378	2,323	362	6,956	136,905
Jul 2023	84,308	22,822	4,239	1,828	379	5,125	118,701
Jun 2023	80,556	23,105	4,917	2,202	523	5,582	116,885
May 2023	95,220	22,000	4,676	2,465	601	5,939	130,901
Apr 2023	68,351	17,438	3,216	1,669	442	5,176	96,292
Mar 2023	73,349	20,966	4,285	1,959	359	6,910	107,828
Feb 2023	61,103	15,550	3,947	1,944	251	6,608	89,403
Jan 2023	69,444	18,486	3,677	1,752	261	5,772	99,392
Dec 2022	70,144	20,442	3,040	1,420	300	6,826	102,172
Nov 2022	72,786	18,993	3,347	1,544	350	5,600	102,620
Oct 2022	67,521	22,227	3,660	1,580	331	7,672	102,991
Sep 2022	63,568	24,803	3,127	1,823	328	6,695	100,344
Aug 2022	76,226	24,236	3,100	2,010	413	5,276	111,261
Jul 2022	62,470	25,180	3,076	2,059	349	4,678	97,812
Jun 2022	66,777	20,945	2,865	2,093	297	4,651	97,628
May 2022	68,141	17,064	3,350	2,085	366	4,737	95,743
Apr 2022	56,913	18,867	2,798	1,366	357	2,868	83,169
Mar 2022	69,757	22,611	2,967	1,827	338	6,715	104,215
Feb 2022	57,977	23,384	3,067	1,981	392	4,672	91,473
Jan 2022	60,975	25,812	2,036	1,199	400	2,910	93,332

a. Total excludes Second Stage of Manufacture vehicles.

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Figure 4 Type approved RAV entries, motor vehicles, by vehicle type and month, last 25 months

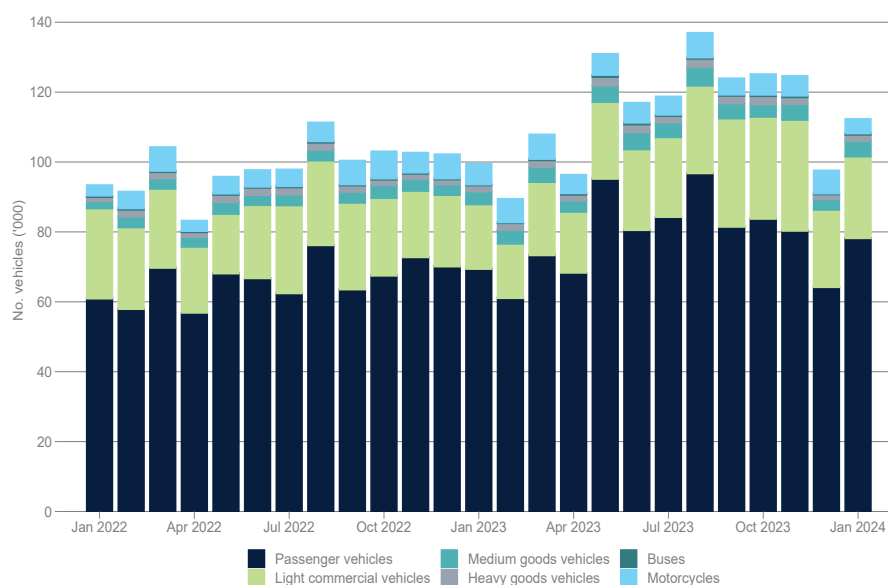
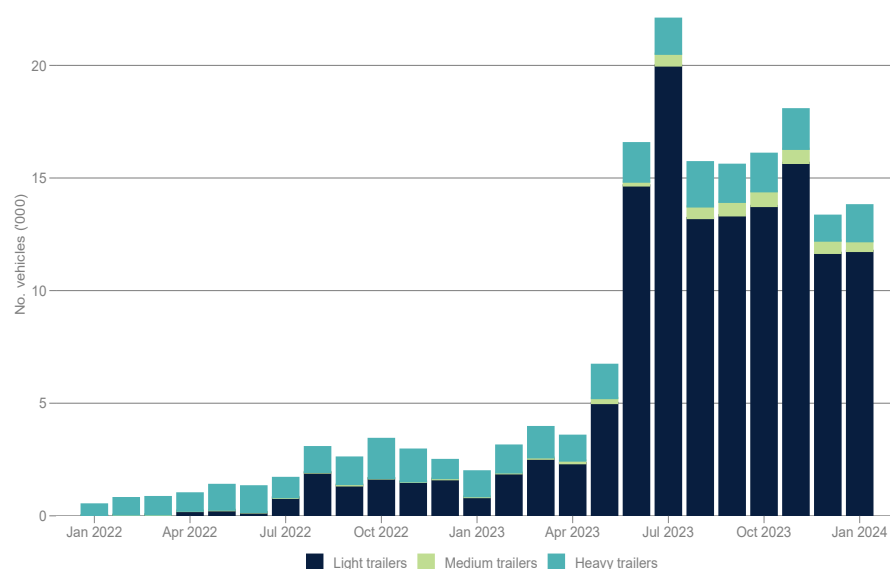


Table 5 Type approved RAV entries, trailers, by vehicle type and month, January 2024

Month	Light trailers	Medium trailers	Heavy trailers	Total
Jan 2024	11,762	432	1,595	13,789
Dec 2023	11,676	545	1,104	13,325
Nov 2023	15,671	625	1,756	18,052
Oct 2023	13,758	653	1,665	16,076
Sep 2023	13,342	600	1,645	15,587
Aug 2023	13,222	516	1,963	15,701
Jul 2023	19,996	521	1,556	22,073
Jun 2023	14,670	169	1,707	16,546
May 2023	5,009	220	1,476	6,705
Apr 2023	2,337	118	1,101	3,556
Mar 2023	2,536	61	1,343	3,940
Feb 2023	1,887	41	1,191	3,119
Jan 2023	833	38	1,103	1,974
Dec 2022	1,625	50	804	2,479
Nov 2022	1,512	18	1,409	2,939
Oct 2022	1,666	11	1,737	3,414
Sep 2022	1,351	61	1,175	2,587
Aug 2022	1,923	26	1,100	3,049
Jul 2022	811	17	854	1,682
Jun 2022	155	15	1,139	1,309
May 2022	247	27	1,098	1,372
Apr 2022	215	13	768	996
Mar 2022	52	12	768	832
Feb 2022	36	23	727	786
Jan 2022	11	4	490	505

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).
Sources: RAV and BITRE estimates.

Figure 5 Type approved RAV entries, trailers, by trailer type and month, last 25 months



RAV entries by vehicle class and make

Table 6 Type approval RAV entries, passenger vehicles, top 30 makes, January 2024

Rank	Make	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
1	Toyota	13,094	13,326	8,555	13,094	147,793
2	Kia	8,100	4,614	7,306	8,100	74,655
3	Hyundai	7,609	4,792	5,702	7,609	77,642
4	Mitsubishi	5,860	5,013	4,293	5,860	51,844
5	Tesla	4,891	1,923	2,104	4,891	48,797
6	Nissan	4,372	2,738	3,243	4,372	42,071
7	Mazda	3,980	7,081	10,571	3,980	81,606
8	MG	3,917	3,597	3,620	3,917	62,064
9	Subaru	3,536	3,562	3,904	3,536	47,289
10	Honda	2,384	2,365	1,647	2,384	17,684
11	Isuzu	2,176	1,508	1,336	2,176	16,016
12	Volkswagen	2,118	975	1,989	2,118	36,553
13	Suzuki	1,889	1,062	1,534	1,889	17,598
14	BYD	1,759	766	852	1,759	18,093
15	Haval	1,730	1,849	1,283	1,730	24,590
16	Ford	1,557	1,288	1,777	1,557	21,175
17	BMW	1,345	1,159	1,066	1,345	28,105
18	Mercedes-Benz	1,326	1,275	1,869	1,326	23,807
19	Audi	1,028	929	865	1,028	18,606
20	Chery	948	438	2	948	9,747
21	Lexus	758	813	570	758	16,980
22	Porsche	758	315	452	758	6,684
23	Tank	572	299	0	572	3,207
24	Mahindra	570	442	120	570	3,298
25	Skoda	565	517	866	565	8,063
26	Land Rover	564	320	114	564	9,753
27	Ssangyong	470	365	769	470	3,399
28	Volvo	360	895	694	360	11,665
29	MINI	256	191	207	256	4,335
30	Polestar	211	183	402	211	3,080
31	Other/Not stated	1,153	1,201	2,214	1,153	25,489
Total	-	79,856	65,801	69,926	79,856	961,688

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Figure 6 Type approval RAV entries, passenger vehicles, top 30 makes, January 2024

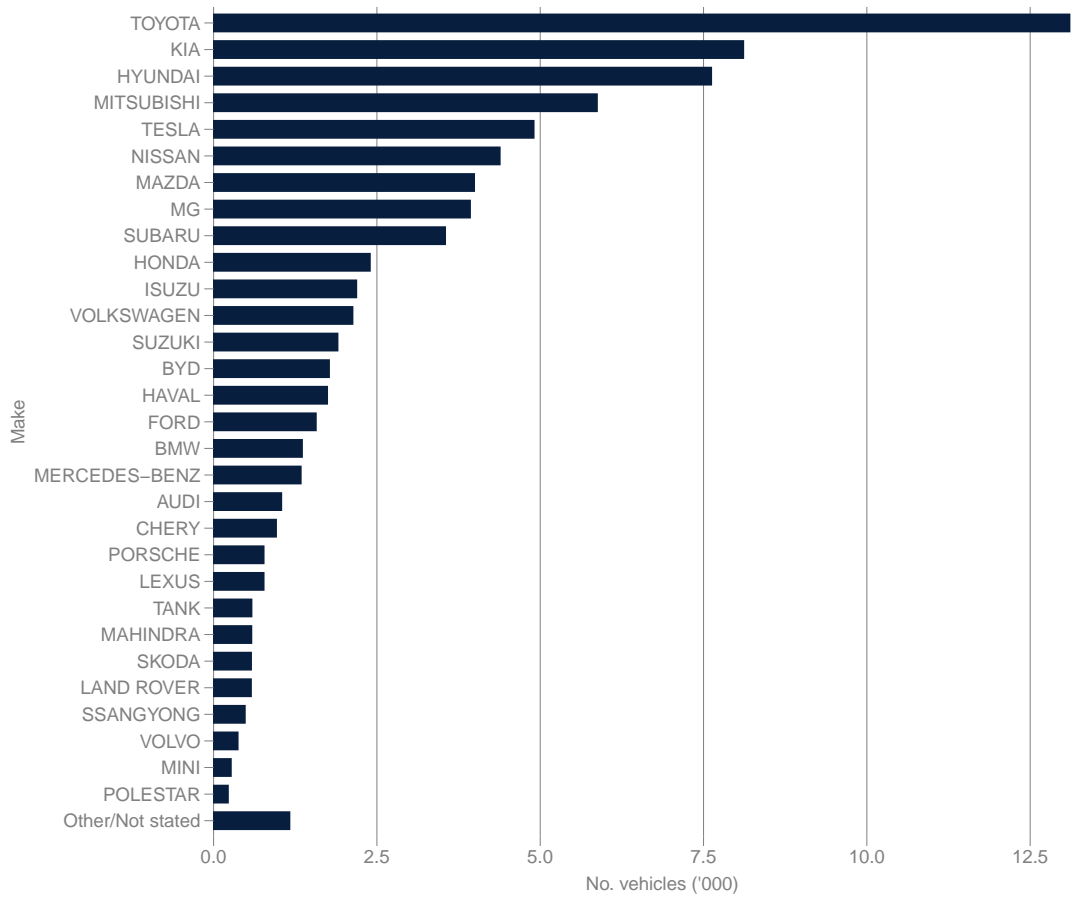


Table 7 Type approval RAV entries, light commercial vehicles, top 20 makes, January 2024

Rank	Make	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
1	Toyota	8,389	6,982	5,463	8,389	105,093
2	Ford	7,090	6,011	5,832	7,090	72,272
3	Isuzu	3,841	3,751	1,771	3,841	39,147
4	Mazda	1,658	1,581	1,809	1,658	21,936
5	Volkswagen	1,438	1,460	128	1,438	11,028
6	Mitsubishi	707	1,538	1,534	707	20,106
7	LDV	651	999	988	651	12,776
8	Great Wall	615	621	536	615	8,401
9	Nissan	613	1,007	682	613	14,581
10	Hyundai	516	148	282	516	2,763
11	Ssangyong	483	293	537	483	3,754
12	RAM	328	280	516	328	5,850
13	Peugeot	152	193	32	152	1,408
14	Chevrolet	148	236	97	148	2,600
15	Daihatsu	35	18	0	35	174
16	Mercedes-Benz	27	29	35	27	756
17	Jeep	9	34	85	9	338
18	Suzuki	9	23	1	9	148
19	Renault	6	2	14	6	1,495
20	Honda	1	0	0	1	3
21	Other/Not stated	1	1	0	1	40
Total	-	26,717	25,207	20,342	26,717	324,669

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

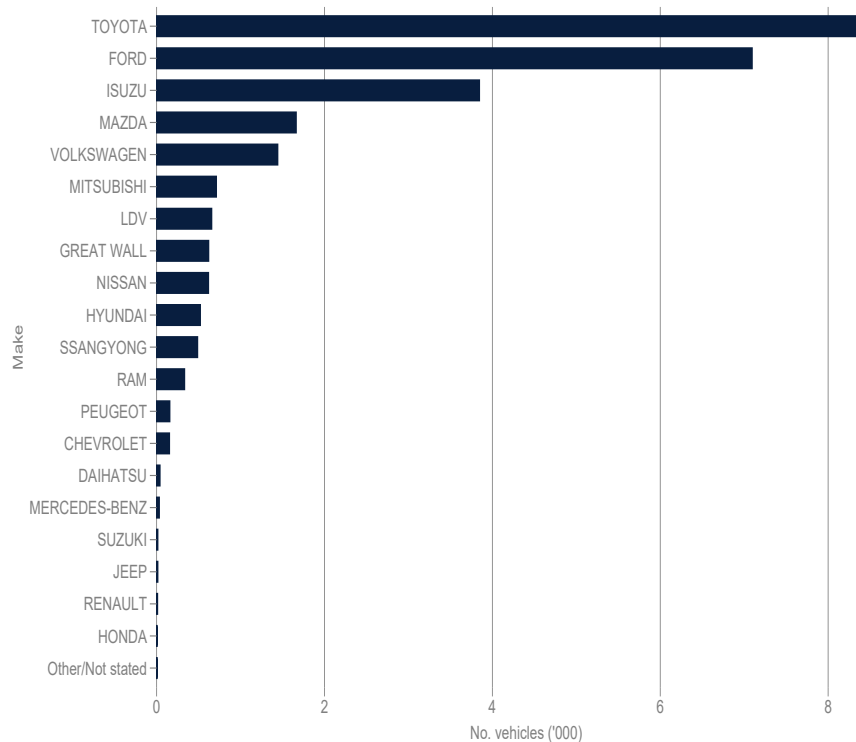
Figure 7 Type approval RAV entries, light commercial vehicles, top 20 makes, January 2024

Table 8 Type approval RAV entries, medium goods vehicles, top 20 makes, January 2024

Rank	Make	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
1	Toyota	1,460	1,447	856	1,460	18,807
2	Isuzu	853	700	889	853	10,078
3	Mercedes-Benz	600	297	247	600	4,773
4	Hino	532	106	610	532	4,336
5	Fuso	247	212	493	247	3,555
6	Fiat	240	144	160	240	3,080
7	Ford	236	174	60	236	2,233
8	LDV	203	334	349	203	4,531
9	Renault	197	66	68	197	2,083
10	IVECO	193	103	95	193	2,204
11	Volkswagen	151	75	125	151	1,259
12	Chevrolet	111	102	80	111	1,394
13	Dodge	68	68	36	68	1,374
14	RAM	52	86	48	52	711
15	Hyundai	18	18	20	18	289
16	Nissan	18	19	15	18	300
17	Mazda	17	11	15	17	241
18	Peugeot	11	0	0	11	20
19	Foton	10	15	9	10	163
20	GMC	9	2	0	9	21
21	Other/Not stated	88	121	1	88	1,114
Total	-	5,314	4,100	4,176	5,314	62,566

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

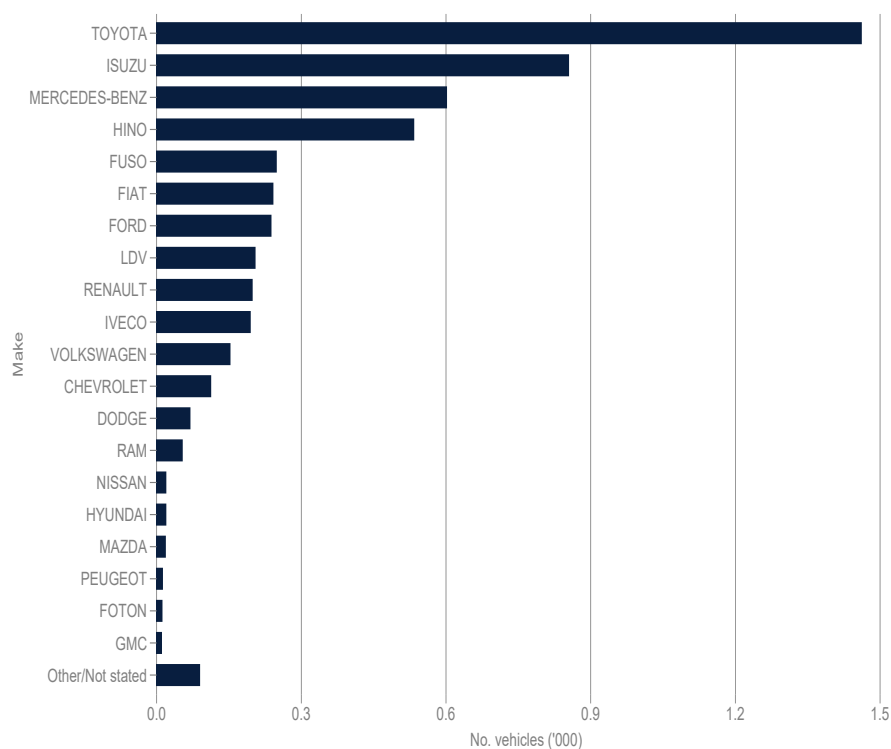
Figure 8 Type approval RAV entries, medium goods vehicles, top 20 makes, January 2024

Table 9 Type approval RAV entries, heavy goods vehicles, top 15 makes, January 2024

Rank	Make	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
1	Isuzu	316	269	351	316	4,463
2	Volvo	248	222	250	248	4,050
3	Kenworth	228	287	118	228	4,306
4	Hino	192	28	195	192	2,094
5	Fuso	165	94	117	165	1,340
6	Mercedes-Benz	161	69	90	161	1,367
7	UD	115	113	126	115	1,213
8	IVECO	100	25	43	100	569
9	Mack	92	83	55	92	1,172
10	DAF	83	70	202	83	1,107
11	Scania	83	103	73	83	1,416
12	MAN	56	29	31	56	581
13	Western Star	51	12	0	51	221
14	Freightliner	43	35	52	43	394
15	Sinotruk	31	66	77	31	402
16	Other/Not stated	32	32	5	32	1,039
Total	-	1,996	1,537	1,785	1,996	25,734

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Figure 9 Type approval RAV entries, heavy goods vehicles, top 15 makes, January 2024

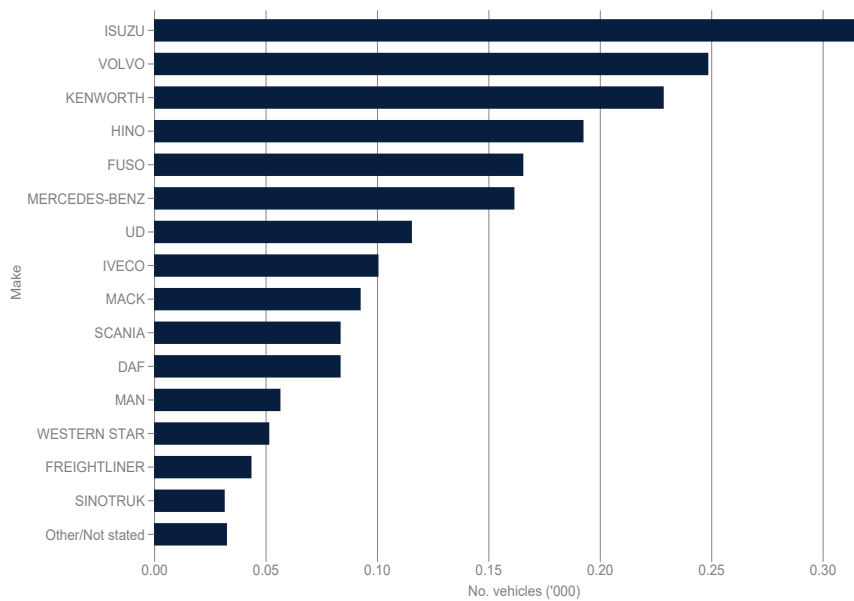


Table 10 Type approval RAV entries, light and heavy buses, top 20 makes, January 2024

Rank	Make	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
1	Toyota	143	147	114	143	2,915
2	Yutong	54	16	47	54	241
3	King Long	33	1	9	33	107
4	LDV	30	26	11	30	314
5	Irizar	29	2	14	29	185
6	Fuso	27	34	9	27	300
7	Volgren	20	19	22	20	380
8	BCI	19	7	9	19	122
9	Scania	17	11	14	17	43
10	Bonluck	10	0	2	10	30
11	Mercedes-Benz	8	4	6	8	66
12	Ford	5	0	0	5	5
13	Isuzu	5	4	3	5	72
14	Hess	4	0	0	4	4
15	Bustech	3	2	3	3	38
16	Custom Bus	3	11	2	3	119
17	Express Coach Builders	3	4	2	3	37
18	Coach Concepts	2	1	4	2	18
19	Coach Design	1	3	0	1	21
20	Hino	1	2	0	1	8
21	Other/Not stated	2	1	5	2	96
Total	-	419	295	276	419	5,121

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

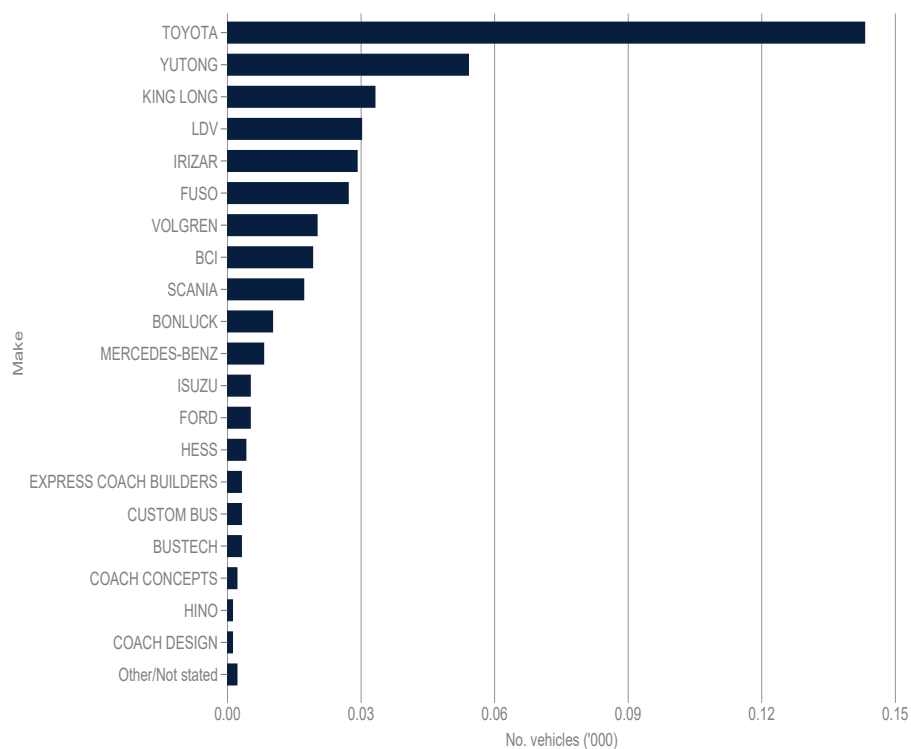
Figure 10 Type approval RAV entries, all buses, top 20 makes, January 2024

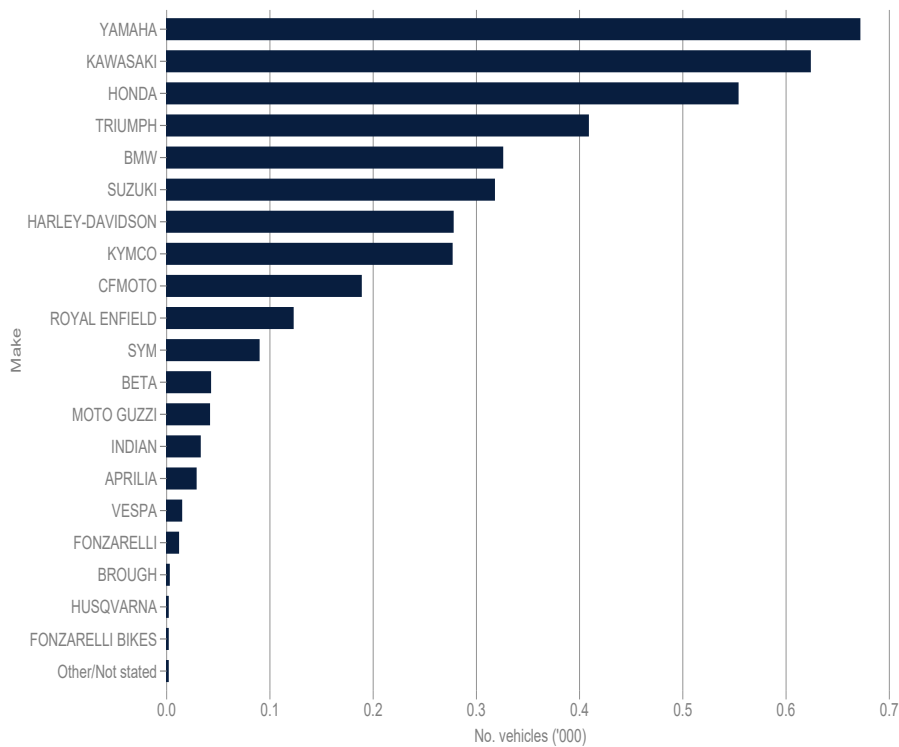
Table 11 Type approval RAV entries, motorcycles, top 20 makes, January 2024

Rank	Make	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
1	Yamaha	671	1,142	1,083	671	10,592
2	Kawasaki	623	376	718	623	5,218
3	Honda	553	322	525	553	10,219
4	Triumph	408	239	140	408	2,224
5	BMW	325	211	386	325	3,228
6	Suzuki	317	202	217	317	3,562
7	Harley-Davidson	277	644	244	277	5,996
8	Kymco	276	217	201	276	2,345
9	CFMoto	188	124	266	188	1,789
10	Royal Enfield	122	176	450	122	1,812
11	Sym	89	3	93	89	467
12	Beta	42	38	91	42	700
13	Moto Guzzi	41	14	0	41	249
14	Indian	32	99	75	32	1,668
15	Aprilia	28	13	0	28	361
16	Vespa	14	36	106	14	537
17	Fonzarelli	11	48	0	11	104
18	Brough	2	0	0	2	2
19	Fonzarelli Bikes	1	0	0	1	4
20	Husqvarna	1	424	0	1	3,116
21	Other/Not stated	1	2,159	1,177	1	14,541
Total	-	4,022	6,487	5,772	4,022	68,734

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Figure 11 Type approval RAV entries, motorcycles, top 20 makes, January 2024



RAV entries by vehicle class, make and model

Table 12 Type approval RAV entries, passenger vehicles, top 25 makes and models, January 2024

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
Toyota	COROLLA	3,321	2,937	1,432	3,321	31,436
	RAV4	2,029	2,428	1,918	2,029	29,951
	LANDCRUISER	1,733	1,299	781	1,733	14,885
	CAMRY	1,587	1,514	327	1,587	12,365
	KLUGER	1,224	916	1,477	1,224	11,006
	YARIS	1,133	897	837	1,133	8,987
	LANDCRUISER PRADO	830	2,221	1,050	830	22,260
	Other/Not stated	1,237	1,114	733	1,237	16,903
	Total	13,094	13,326	8,555	13,094	147,793
Kia	SPORTAGE	2,296	597	894	2,296	16,005
	SORENTO	1,595	1,005	1,102	1,595	7,901
	CERATO	1,191	1,225	396	1,191	7,358
	SELTOS	962	384	949	962	10,442
	YB	827	422	1,423	827	9,873
	CARNIVAL	720	514	1,587	720	9,469
	Other/Not stated	509	467	955	509	13,607
	Total	8,100	4,614	7,306	8,100	74,655
Hyundai	TUCSON	2,156	1,429	1,614	2,156	23,449
	I30	2,044	1,184	1,561	2,044	21,274
	VENUE	720	370	809	720	6,156
	SANTA FE	469	316	609	469	6,041
	Other/Not stated	2,220	1,493	1,109	2,220	20,722
	Total	7,609	4,792	5,702	7,609	77,642
Mitsubishi	OUTLANDER	2,635	2,325	1,942	2,635	26,547
	ECLIPSE	1,222	790	759	1,222	8,713
	PAJERO	1,186	847	568	1,186	6,944
	ASX	788	1,026	1,012	788	9,406
	Other/Not stated	29	25	12	29	234
	Total	5,860	5,013	4,293	5,860	51,844
Tesla	MODEL Y	3,104	300	804	3,104	33,484
	MODEL 3	1,787	1,623	1,300	1,787	15,313
	Total	4,891	1,923	2,104	4,891	48,797
Nissan	X-TRAIL	2,152	944	921	2,152	17,361
	PATROL	1,060	700	206	1,060	9,982
	QASHQAI	474	400	1,559	474	7,635
	JUKE	245	302	250	245	2,341
	Other/Not stated	441	392	307	441	4,752
	Total	4,372	2,738	3,243	4,372	42,071
Mazda	CX-5	1,229	2,670	4,844	1,229	20,929
	CX-3	974	1,341	691	974	15,393
	MAZDA 3	577	1,207	700	577	9,765
	CX-30	498	571	657	498	14,603
	MAZDA 2	274	357	771	274	4,572
	CX-8	259	575	183	259	6,641
	Other/Not stated	169	360	2,725	169	9,703
	Total	3,980	7,081	10,571	3,980	81,606
MG	ZS	1,576	1,612	1,775	1,576	31,938
	MG3	1,009	625	1,109	1,009	14,836
	MG4	536	524	0	536	5,204
	HS Vibe	335	299	736	335	6,723
	Other/Not stated	461	537	0	461	3,363
	Total	3,917	3,597	3,620	3,917	62,064

(continued)

Table 12 Type approval RAV entries, passenger vehicles, top 25 makes and models, January 2024 (continued)

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months	
Subaru	FORESTER	1,195	1,363	1,570	1,195	16,220	
	OUTBACK	971	614	1,116	971	13,228	
	CROSTREK	848	1,064	0	848	10,750	
	Other/Not stated	522	521	1,218	522	7,091	
	Total	3,536	3,562	3,904	3,536	47,289	
Honda	HR-V	564	445	0	564	2,767	
	CIVIC	149	1	38	149	1,454	
	Other/Not stated	1,671	1,919	1,609	1,671	13,463	
	Total	2,384	2,365	1,647	2,384	17,684	
Isuzu	MU-X	2,176	1,508	1,336	2,176	16,016	
	Total	2,176	1,508	1,336	2,176	16,016	
Volkswagen	TIGUAN	1,241	617	510	1,241	13,793	
	T-ROC	547	184	526	547	10,042	
	POLO	178	4	9	178	1,386	
	Other/Not stated	152	170	944	152	11,332	
	Total	2,118	975	1,989	2,118	36,553	
Suzuki	SWIFT	748	214	451	748	7,416	
	JIMNY	258	113	650	258	4,534	
	IGNIS	234	110	289	234	2,017	
	VITARA	233	151	87	233	2,034	
	Other/Not stated	416	474	57	416	1,597	
	Total	1,889	1,062	1,534	1,889	17,598	
BYD	Other/Not stated	1,759	766	852	1,759	18,093	
	Total	1,759	766	852	1,759	18,093	
Haval	JOLION	1,053	1,064	558	1,053	11,730	
	H6	677	785	725	677	12,860	
	Total	1,730	1,849	1,283	1,730	24,590	
Ford	EVEREST	1,164	943	1,139	1,164	15,141	
	PUMA	358	70	336	358	1,938	
	Other/Not stated	35	275	302	35	4,096	
	Total	1,557	1,288	1,777	1,557	21,175	
BMW	X SERIES	457	601	824	457	11,276	
	X1	200	114	11	200	5,456	
	1 SERIES	182	94	115	182	1,914	
	3 SERIES	164	76	6	164	3,412	
	2 SERIES	150	132	41	150	2,561	
	4 SERIES	110	68	56	110	2,263	
	Other/Not stated	82	74	13	82	1,223	
	Total	1,345	1,159	1,066	1,345	28,105	
Mercedes-Benz	X254	268	239	0	268	2,792	
	206	176	182	456	176	2,044	
	177	146	125	214	146	2,358	
	118	102	83	91	102	957	
	463	92	32	1	92	574	
	X247	81	36	138	81	1,260	
	V167	77	150	362	77	2,969	
	H243	76	83	14	76	1,375	
	H247	72	108	39	72	1,996	
	Other/Not stated	236	237	554	236	7,482	
	Total	1,326	1,275	1,869	1,326	23,807	
	Audi	Q3	344	132	98	344	4,326
		RS3	220	165	108	220	3,388
Q5		192	388	438	192	3,893	
Q7		71	8	84	71	1,763	
Other/Not stated		201	236	137	201	5,236	
Total		1,028	929	865	1,028	18,606	

(continued)

Table 12 Type approval RAV entries, passenger vehicles, top 25 makes and models, January 2024 (continued)

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
Chery	T34	373	0	2	373	7,178
	Other/Not stated	575	438	0	575	2,569
	Total	948	438	2	948	9,747
Lexus	NX AZ2	262	283	156	262	7,604
	RX AL3	179	112	85	179	3,016
	UX ZA1	79	165	69	79	2,408
	LX J30L	66	63	143	66	972
	ES XZ1L	60	93	108	60	1,789
	Other/Not stated	112	97	9	112	1,191
	Total	758	813	570	758	16,980
Porsche	MACAN	371	179	231	371	3,177
	CAYENNE	165	73	136	165	1,728
	911	110	34	23	110	671
	TAYCAN	65	23	13	65	620
	982	43	6	43	43	421
	Other/Not stated	4	0	6	4	67
Total	758	315	452	758	6,684	
Tank	300	572	298	0	572	3,206
	Other/Not stated	0	1	0	0	1
	Total	572	299	0	572	3,207
Mahindra	Other/Not stated	570	442	120	570	3,298
	Total	570	442	120	570	3,298
Skoda	TYPE NS	183	146	113	183	1,846
	TYPE NX	147	99	209	147	1,465
	TYPE NU	80	93	197	80	1,279
	TYPE NWC	73	82	206	73	1,772
	TYPE NWS	40	62	74	40	966
	Other/Not stated	42	35	67	42	735
	Total	565	517	866	565	8,063
All other makes	Total	3,014	3,155	4,400	3,014	57,721
Total	Total	79,856	65,801	69,926	79,856	961,688

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Table 13 Type approval RAV entries, light commercial vehicles, top 20 makes and models, January 2024

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
Toyota	HILUX	7,238	6,234	5,183	7,238	95,506
	HIACE	1,147	746	280	1,147	9,555
	Other/Not stated	4	2	0	4	32
	Total	8,389	6,982	5,463	8,389	105,093
Ford	RANGER	6,484	5,540	5,756	6,484	67,825
	Other/Not stated	606	471	76	606	4,447
	Total	7,090	6,011	5,832	7,090	72,272
Isuzu	D-MAX	3,840	3,750	1,771	3,840	39,135
	Other/Not stated	1	1	0	1	12
	Total	3,841	3,751	1,771	3,841	39,147
Mazda	BT-50	1,658	1,580	1,809	1,658	21,919
	Other/Not stated	0	1	0	0	17
	Total	1,658	1,581	1,809	1,658	21,936
Volkswagen	Other/Not stated	1,438	1,460	128	1,438	11,028
	Total	1,438	1,460	128	1,438	11,028
Mitsubishi	TRITON	667	1,416	1,534	667	19,556
	Other/Not stated	40	122	0	40	550
	Total	707	1,538	1,534	707	20,106
LDV	T60	445	658	869	445	8,014
	G10	172	306	108	172	4,203
	V80	34	35	11	34	559
	Total	651	999	988	651	12,776
Great Wall	CANNON	615	621	536	615	8,401
	Total	615	621	536	615	8,401
Nissan	NAVARA	611	1,004	682	611	14,562
	Other/Not stated	2	3	0	2	19
	Total	613	1,007	682	613	14,581
Hyundai	STARIA	516	148	282	516	2,763
	Total	516	148	282	516	2,763
Ssangyong	MUSSO	483	293	537	483	3,754
	Total	483	293	537	483	3,754
RAM	DT	328	278	359	328	3,577
	Other/Not stated	0	2	157	0	2,273
	Total	328	280	516	328	5,850
Peugeot	PARTNER	83	91	10	83	823
	EXPERT	69	100	22	69	525
	Other/Not stated	0	2	0	0	60
	Total	152	193	32	152	1,408
Chevrolet	T1XCF_G	148	236	97	148	2,600
	Total	148	236	97	148	2,600
Daihatsu	HIJET	35	18	0	35	174
	Total	35	18	0	35	174
Mercedes-Benz	VITO	23	25	35	23	699
	Other/Not stated	4	4	0	4	57
	Total	27	29	35	27	756
Suzuki	Other/Not stated	9	23	1	9	148
	Total	9	23	1	9	148
Jeep	GLADIATOR	9	34	85	9	338
	Total	9	34	85	9	338
Renault	TRAFIC	3	2	14	3	1,484
	Other/Not stated	3	0	0	3	11
	Total	6	2	14	6	1,495
Honda	ACTY	1	0	0	1	3
	Total	1	0	0	1	3

(continued)

Table 13 Type approval RAV entries, light commercial vehicles, top 20 makes and models, January 2024 (continued)

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
All other makes	Total	1	1	0	1	40
Total	Total	26,717	25,207	20,342	26,717	324,669

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Table 14 Type approval RAV entries, medium goods vehicles, top 20 makes and models, January 2024

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
Toyota	LANDCRUISER	1,138	1,096	780	1,138	14,906
	Other/Not stated	322	351	76	322	3,901
	Total	1,460	1,447	856	1,460	18,807
Isuzu	NPR	271	263	250	271	3,625
	NLR	179	101	188	179	1,669
	FRR	137	94	112	137	1,293
	NQR	91	66	95	91	811
	NNR	79	58	188	79	1,492
	Other/Not stated	96	118	56	96	1,188
	Total	853	700	889	853	10,078
Mercedes-Benz	SPRINTER	598	258	246	598	4,587
	Other/Not stated	2	39	1	2	186
	Total	600	297	247	600	4,773
Hino	300	476	81	585	476	3,435
	FC SERIES	29	17	10	29	388
	Other/Not stated	27	8	15	27	513
	Total	532	106	610	532	4,336
Fuso	CANTER	172	156	376	172	2,879
	FIGHTER	66	43	117	66	533
	Other/Not stated	9	13	0	9	143
	Total	247	212	493	247	3,555
Fiat	DUCATO	236	137	160	236	2,767
	Other/Not stated	4	7	0	4	313
	Total	240	144	160	240	3,080
Ford	RANGER	97	85	60	97	1,206
	TRANSIT	45	0	0	45	611
	Other/Not stated	94	89	0	94	416
	Total	236	174	60	236	2,233
LDV	DELIVER 9	195	333	349	195	4,519
	Other/Not stated	8	1	0	8	12
	Total	203	334	349	203	4,531
Renault	MASTER	196	62	68	196	2,078
	Other/Not stated	1	4	0	1	5
	Total	197	66	68	197	2,083
IVECO	DAILY	158	34	86	158	1,901
	Other/Not stated	35	69	9	35	303
	Total	193	103	95	193	2,204
Volkswagen	CRAFTER	151	75	125	151	1,240
	Other/Not stated	0	0	0	0	19
	Total	151	75	125	151	1,259
Chevrolet	T1XCH1	76	76	49	76	963
	T1XCH2	28	12	31	28	359
	Other/Not stated	7	14	0	7	72
	Total	111	102	80	111	1,394
Dodge	RAM D1	67	65	34	67	1,257
	Other/Not stated	1	3	2	1	117
	Total	68	68	36	68	1,374
RAM	1500 TRX	35	57	40	35	452
	Other/Not stated	17	29	8	17	259
	Total	52	86	48	52	711
Nissan	PATROL	18	19	15	18	300
	Total	18	19	15	18	300

(continued)

Table 14 Type approval RAV entries, medium goods vehicles, top 20 makes and models, January 2024 (continued)

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
Hyundai	QT-3	7	0	3	7	70
	QT-1	7	10	12	7	111
	QT-2	2	8	5	2	94
	Other/Not stated	2	0	0	2	14
	Total	18	18	20	18	289
Mazda	BT-50	3	2	15	3	153
	Other/Not stated	14	9	0	14	88
	Total	17	11	15	17	241
Peugeot	BOXER	11	0	0	11	20
	Total	11	0	0	11	20
Foton	IBLUE	4	5	6	4	74
	AUMARK	4	10	3	4	55
	AUMAN	2	0	0	2	23
	Other/Not stated	0	0	0	0	11
	Total	10	15	9	10	163
GMC	Other/Not stated	9	2	0	9	21
	Total	9	2	0	9	21
All other makes	Total	88	121	1	88	1,114
Total	Total	5,314	4,100	4,176	5,314	62,566

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Table 15 Type approval RAV entries, heavy goods vehicles, top 20 makes and models, January 2024

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
Isuzu	FSR	108	69	77	108	1,138
	FYH	55	26	89	55	717
	FVZ	42	60	43	42	814
	FXZ	34	28	27	34	463
	FVR	25	18	44	25	338
	FVM	22	43	34	22	536
	Other/Not stated	30	25	37	30	457
	Total	316	269	351	316	4,463
Volvo	FH SERIES	73	67	134	73	1,858
	FM SERIES	64	90	75	64	1,355
	FE SERIES	41	40	32	41	476
	KOR 2600	22	0	9	22	72
	Other/Not stated	48	25	0	48	289
	Total	248	222	250	248	4,050
Kenworth	T610	52	82	38	52	969
	T909	42	52	8	42	701
	K200	27	40	43	27	927
	W900	21	19	8	21	341
	K220	14	17	0	14	150
	T360	13	13	3	13	306
	T659	12	18	7	12	346
	Other/Not stated	47	46	11	47	566
	Total	228	287	118	228	4,306
Hino	FM SERIES	51	3	57	51	268
	FE SERIES	36	7	12	36	740
	FS SERIES	27	2	16	27	133
	FG SERIES	25	1	14	25	223
	FY SERIES	16	3	8	16	66
	GH SERIES	14	0	39	14	234
	Other/Not stated	23	12	49	23	430
	Total	192	28	195	192	2,094
Fuso	FV SERIES	71	42	46	71	688
	FIGHTER	69	38	68	69	509
	FS SERIES	21	11	3	21	131
	Other/Not stated	4	3	0	4	12
	Total	165	94	117	165	1,340
Mercedes-Benz	96X	135	51	77	135	1,206
	Other/Not stated	26	18	13	26	161
	Total	161	69	90	161	1,367
UD	GWB	35	48	35	35	481
	PK	25	1	21	25	119
	CGB	21	14	27	21	256
	CWB	19	25	18	19	183
	CDB	11	19	17	11	99
	Other/Not stated	4	6	8	4	75
	Total	115	113	126	115	1,213
IVECO	S-WAY	61	7	16	61	267
	EUROCARGO	11	3	8	11	122
	Other/Not stated	28	15	19	28	180
	Total	100	25	43	100	569
Mack	SUPERLINER	32	32	18	32	392
	ANTHEM	23	18	15	23	276
	TRIDENT	13	12	10	13	267
	METROLINER	8	17	12	8	203
	Other/Not stated	16	4	0	16	34
	Total	92	83	55	92	1,172

(continued)

Table 15 Type approval RAV entries, heavy goods vehicles, top 20 makes and models, January 2024 (continued)

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
Scania	R SERIES	54	55	21	54	592
	P SERIES	23	20	19	23	340
	G SERIES	5	24	32	5	467
	Other/Not stated	1	4	1	1	17
	Total	83	103	73	83	1,416
DAF	CF17	52	42	139	52	844
	XF17	11	19	60	11	158
	Other/Not stated	20	9	3	20	105
	Total	83	70	202	83	1,107
MAN	TGA	46	21	31	46	439
	TGM	7	5	0	7	130
	Other/Not stated	3	3	0	3	12
	Total	56	29	31	56	581
Western Star	X-SERIES	49	12	0	49	212
	Other/Not stated	2	0	0	2	9
	Total	51	12	0	51	221
Freightliner	CASCADIA	38	29	52	38	376
	Other/Not stated	5	6	0	5	18
	Total	43	35	52	43	394
Sinotruk	T5G	31	52	66	31	253
	Other/Not stated	0	14	11	0	149
	Total	31	66	77	31	402
All other makes	Total	32	32	5	32	1,039
Total	Total	1,996	1,537	1,785	1,996	25,734

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Table 16 Type approval RAV entries, light and heavy buses, top 20 makes and models, January 2024

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
Toyota	COMMUTER	131	136	88	131	2,587
	COASTER	12	11	26	12	328
	Total	143	147	114	143	2,915
Yutong	ZK6772D	24	8	12	24	119
	ZK6129HCA	12	2	12	12	52
	ZK6137	11	4	0	11	30
	ZK6938H	6	2	11	6	26
	Other/Not stated	1	0	12	1	14
	Total	54	16	47	54	241
King Long	6911AY	20	1	1	20	61
	6120BS	13	0	8	13	44
	Other/Not stated	0	0	0	0	2
	Total	33	1	9	33	107
LDV	DELIVER 9	30	26	11	30	314
	Total	30	26	11	30	314
Irizar	COACH	29	2	14	29	185
	Total	29	2	14	29	185
Fuso	ROSA	27	34	9	27	300
	Total	27	34	9	27	300
Volgren	2 AXLE OMNIBUS	19	18	22	19	367
	ARTICULATED OMNIBUS	1	1	0	1	13
	Total	20	19	22	20	380
BCI	PK6930A	9	1	0	9	15
	PK6127A	8	2	4	8	69
	PK6850ARI	2	2	1	2	15
	Other/Not stated	0	2	4	0	23
	Total	19	7	9	19	122
Scania	A30	10	4	2	10	15
	TOURING	7	7	12	7	28
	Total	17	11	14	17	43
Bonluck	Other/Not stated	10	0	2	10	30
	Total	10	0	2	10	30
Mercedes-Benz	SPRINTER	8	3	5	8	60
	Other/Not stated	0	1	1	0	6
	Total	8	4	6	8	66
Isuzu	NQR	4	0	3	4	26
	FTS800	1	0	0	1	6
	Other/Not stated	0	4	0	0	40
	Total	5	4	3	5	72
Ford	TRANSIT	5	0	0	5	5
	Total	5	0	0	5	5
Hess	BGGT-N2D	4	0	0	4	4
	Total	4	0	0	4	4
Bustech	VST	3	2	0	3	26
	Other/Not stated	0	0	3	0	12
	Total	3	2	3	3	38
Custom Bus	METRO	3	0	1	3	47
	Other/Not stated	0	11	1	0	72
	Total	3	11	2	3	119
Express Coach Builders	OMNIBUS	3	4	2	3	37
	Total	3	4	2	3	37
Coach Concepts	EXPLORER	2	1	4	2	18
	Total	2	1	4	2	18
Coach Design	COLT	1	3	0	1	21
	Total	1	3	0	1	21

(continued)

**Table 16 Type approval RAV entries, light and heavy buses, top 20 makes and models, January 2024
(continued)**

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
Hino	GT500	1	2	0	1	8
	Other/Not stated	0	0	0	0	0
	Total	1	2	0	1	8
All other makes	Total	2	1	5	2	96
Total	Total	419	295	276	419	5,121

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Table 17 Type approval RAV entries, motorcycles, top 20 makes and models, January 2024

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
Yamaha	WR SERIES	211	197	111	211	1,576
	MTN660	145	295	0	145	1,346
	SEH2	128	0	64	128	538
	YZF	84	187	186	84	1,302
	XTZ690	36	34	77	36	1,064
	Other/Not stated	67	429	645	67	4,766
	Total	671	1,142	1,083	671	10,592
Kawasaki	EN650	205	70	99	205	956
	KL650	59	69	44	59	527
	ZX1000	55	42	48	55	240
	EX650	40	53	65	40	244
	ZR900	37	25	47	37	456
	Other/Not stated	227	117	415	227	2,795
	Total	623	376	718	623	5,218
Honda	CBF125	192	0	240	192	960
	CMX500	160	0	128	160	930
	NSC110	96	0	96	96	1,920
	CRF300	30	48	0	30	1,473
	Other/Not stated	75	274	61	75	4,936
	Total	553	322	525	553	10,219
Triumph	L SERIES	24	27	37	24	424
	Other/Not stated	384	212	103	384	1,800
	Total	408	239	140	408	2,224
BMW	S1000	86	51	37	86	769
	K50	75	46	150	75	1,025
	G310	27	24	50	27	275
	K8X	20	35	68	20	411
	Other/Not stated	117	55	81	117	748
	Total	325	211	386	325	3,228
Suzuki	DS250	84	29	0	84	383
	UK110	50	62	12	50	1,050
	DR-Z400	36	32	55	36	513
	GSX1300	20	20	12	20	169
	DL650	17	14	19	17	161
	Other/Not stated	110	45	119	110	1,286
	Total	317	202	217	317	3,562
Harley-Davidson	FLH SERIES	145	95	179	145	1,023
	CRU SERIES	114	133	5	114	4,237
	TRI SERIES	18	8	2	18	130
	Other/Not stated	0	408	58	0	606
	Total	277	644	244	277	5,996
Kymco	AGILITY SERIES	138	132	88	138	994
	LIKE SERIES	62	85	0	62	859
	CK50QT-5	40	0	92	40	254
	KG10AA	14	0	16	14	94
	Other/Not stated	22	0	5	22	144
	Total	276	217	201	276	2,345
CFMoto	CF800	52	0	112	52	328
	CF300-7F	36	0	0	36	144
	Other/Not stated	100	124	154	100	1,317
	Total	188	124	266	188	1,789
Royal Enfield	CNEX	108	50	110	108	1,133
	J1	14	117	317	14	502
	Other/Not stated	0	9	23	0	177
	Total	122	176	450	122	1,812

(continued)

Table 17 Type approval RAV entries, motorcycles, top 20 makes and models, January 2024 (continued)

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
Sym	CLASSIC	29	1	24	29	112
	CROX 50	23	1	40	23	189
	SYMPHONY	12	1	18	12	33
	Other/Not stated	25	0	11	25	133
	Total	89	3	93	89	467
Beta	X-TRAINER	19	0	30	19	191
	RR	15	38	50	15	427
	EX	8	0	11	8	82
	Total	42	38	91	42	700
Moto Guzzi	Other/Not stated	41	14	0	41	249
	Total	41	14	0	41	249
Indian	SCOUT	31	42	68	31	622
	Other/Not stated	1	57	7	1	1,046
	Total	32	99	75	32	1,668
Aprilia	TUAREG 660	28	4	0	28	116
	Other/Not stated	0	9	0	0	245
	Total	28	13	0	28	361
Vespa	Other/Not stated	14	36	106	14	537
	Total	14	36	106	14	537
Fonzarelli	Other/Not stated	11	48	0	11	104
	Total	11	48	0	11	104
Brough	Other/Not stated	2	0	0	2	2
	Total	2	0	0	2	2
KTM	4T-EXC	1	845	77	1	2,674
	Other/Not stated	0	703	361	0	5,902
	Total	1	1,548	438	1	8,576
Fonzarelli Bikes	Other/Not stated	1	0	0	1	4
	Total	1	0	0	1	4
All other makes	Total	1	1,035	739	1	9,081
Total	Total	4,022	6,487	5,772	4,022	68,734

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Concessional approval RAV entries

Table 18 Concessional approval RAV entries, by vehicle type and month, January 2024

Month	Vehicle type									Total
	Passen- ger vehicles	Light com- mercial vehicles	Medium goods vehicles	Heavy goods vehicles	Motor- cycles	Light trailers	Medium trailers	Heavy trailers	Not stated	
Jan 2024	1,349	273	38	24	0	333	49	8	597	2,671
Dec 2023	1,386	259	30	24	0	326	63	13	487	2,588
Nov 2023	1,522	371	31	4	0	370	73	21	646	3,038
Oct 2023	1,383	331	19	3	0	302	53	12	706	2,809
Sep 2023	1,163	368	18	45	0	409	92	14	1,105	3,214
Aug 2023	1,476	185	18	13	0	322	70	14	1,184	3,282
Jul 2023	905	77	12	426	1	128	15	10	967	2,541
Jun 2023	804	39	11	196	0	235	8	17	2,817	4,127
May 2023	701	16	0	3	0	51	3	5	838	1,617
Apr 2023	456	24	15	91	0	23	1	9	543	1,162
Mar 2023	441	16	5	5	0	15	3	3	640	1,128
Feb 2023	495	10	5	10	0	10	2	7	597	1,136
Jan 2023	397	7	1	4	0	12	0	1	673	1,095
Dec 2022	421	2	0	6	0	31	9	5	667	1,141
Nov 2022	393	2	4	17	0	46	8	12	1,218	1,700
Oct 2022	287	1	0	0	0	40	9	6	1,226	1,569
Sep 2022	195	0	0	0	0	53	7	11	1,246	1,512
Aug 2022	263	2	0	0	0	60	11	9	1,246	1,591
Jul 2022	161	0	1	0	0	57	25	12	1,007	1,263
Jun 2022	98	1	1	56	0	48	6	5	1,239	1,454
May 2022	67	0	0	36	0	29	6	0	867	1,005
Apr 2022	59	0	0	34	0	43	9	5	986	1,136
Mar 2022	27	0	6	33	1	43	5	1	972	1,088
Feb 2022	1	0	0	16	0	90	15	4	1,286	1,412
Jan 2022	0	0	0	14	0	129	31	7	1,228	1,409

a. Total excludes Second Stage of Manufacture vehicles.

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Table 19 Concessional approval RAV entries, by vehicle build year, January 2024

Year of Manufacture	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
2023	328	412	3	328	3,153
2022	68	71	29	68	1,105
2021	56	54	16	56	714
2020	55	59	16	55	515
2019	62	90	24	62	673
2018	330	291	42	330	2,209
2017	178	209	135	178	2,538
2016	136	120	63	136	1,214
2015	122	139	86	122	1,345
2014	151	142	87	151	1,592
2013	101	97	63	101	1,141
2012	110	106	61	110	1,315
2011	57	57	47	57	728
2001-2010	319	350	279	319	4,537
1991-2000	216	156	68	216	2,607
1981-1990	92	76	18	92	1,055
1971-1980	116	72	35	116	1,148
1961-1970	77	53	10	77	879
1951-1960	26	17	5	26	444
1900-1950	18	16	8	18	338
Pre-1900	1	1	0	1	5
Other/Not stated	52	0	0	52	58
Total	2,671	2,588	1,095	2,671	29,313

a. Total excludes Second Stage of Manufacture vehicles.

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

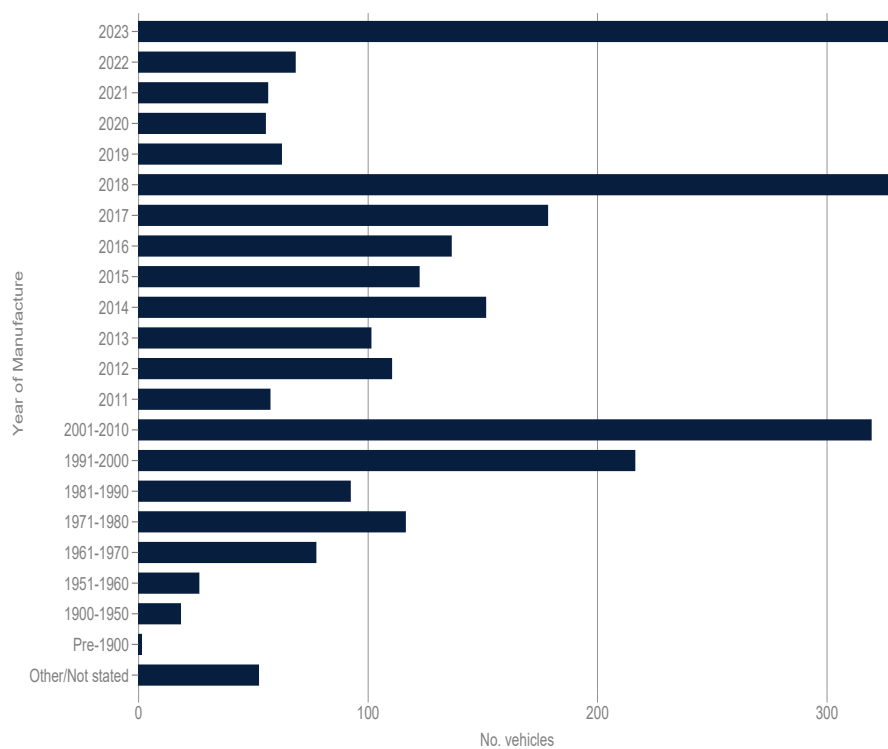
Figure 12 Concessional approval RAV entries, by vehicle build year, January 2024

Table 20 Specialist and Enthusiast Vehicle RAV entries, by SEV category and month, January 2024

Month	SEV approval criterion							Total
	Camper-vans and Motor-homes	Environmental	Left-Hand Drive	Mobility	Performance	Rarity	Not stated	
Jan 2024	245	928	39	223	221	4	0	1,660
Dec 2023	206	935	37	243	246	7	0	1,674
Nov 2023	353	1,000	31	270	260	10	0	1,924
Oct 2023	265	932	29	290	211	6	0	1,733
Sep 2023	268	695	14	333	220	9	4	1,543
Aug 2023	161	941	3	300	211	5	58	1,679
Jul 2023	53	520	0	196	189	11	25	994
Jun 2023	19	482	2	125	204	6	5	843
May 2023	6	392	4	176	130	4	5	717
Apr 2023	3	260	0	109	98	2	2	474
Mar 2023	6	236	0	113	92	7	2	456
Feb 2023	5	244	0	133	120	0	1	503
Jan 2023	3	224	0	95	80	2	0	404
Dec 2022	2	205	0	89	121	4	1	422
Nov 2022	1	90	0	1	41	0	261	394
Oct 2022	0	55	0	2	38	0	193	288
Sep 2022	0	30	0	2	27	0	136	195
Aug 2022	0	48	0	2	28	0	187	265
Jul 2022	0	11	0	0	27	0	123	161
Jun 2022	0	30	0	0	18	0	51	99
May 2022	0	7	0	1	21	0	37	66
Apr 2022	0	15	0	9	21	0	14	59
Mar 2022	0	0	0	27	0	0	0	27

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Second Stage of Manufacture RAV entries

Table 21 Second Stage of Manufacture RAV entries, by vehicle type and month, January 2024

Month	Passenger vehicles	Light commercial vehicles	Medium goods vehicles	Heavy goods vehicles	Buses	Not stated	Total
Jan 2024	265	3,072	854	171	25	0	4,387
Dec 2023	173	2,819	1,070	108	22	0	4,192
Nov 2023	234	3,048	1,237	155	29	0	4,703
Oct 2023	141	3,586	1,299	139	23	1	5,189
Sep 2023	130	5,566	1,043	42	21	0	6,802
Aug 2023	166	3,919	1,293	40	39	0	5,457
Jul 2023	120	3,021	971	30	37	0	4,179
Jun 2023	152	2,839	1,088	20	22	0	4,121
May 2023	143	3,044	998	29	32	0	4,246
Apr 2023	82	2,261	657	6	19	0	3,025
Mar 2023	117	3,144	765	54	15	0	4,095
Feb 2023	79	2,001	591	28	36	0	2,735
Jan 2023	85	1,849	498	29	15	0	2,476
Dec 2022	70	1,994	615	50	16	0	2,745
Nov 2022	63	2,584	736	1	19	0	3,403
Oct 2022	50	3,203	705	18	41	0	4,017
Sep 2022	60	2,496	739	34	7	0	3,336
Aug 2022	55	1,403	896	18	26	0	2,398
Jul 2022	41	1,347	642	20	27	0	2,077
Jun 2022	48	1,730	674	25	18	0	2,495
May 2022	15	1,589	711	18	21	0	2,354
Apr 2022	19	1,029	435	0	27	0	1,510
Mar 2022	24	1,573	570	0	19	0	2,186
Feb 2022	32	1,380	445	0	13	0	1,870
Jan 2022	12	810	130	0	4	0	956
Dec 2021	0	3	0	15	0	0	18

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Table 22 Second Stage of Manufacture RAV entries, top 10 makes and models, January 2024

Make	Model	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
Toyota	HILUX	2,570	2,203	1,569	2,570	32,312
	LANDCRUISER PRADO	26	16	12	26	281
	COMMUTER	17	12	5	17	175
	LANDCRUISER	12	11	64	12	410
	Other/Not stated	294	304	23	294	3,415
	Total	2,919	2,546	1,673	2,919	36,593
Nissan	NAVARA	188	228	181	188	2,714
	PATROL	18	19	15	18	300
	Other/Not stated	149	87	0	149	344
	Total	355	334	196	355	3,358
Ford	RANGER	221	186	130	221	2,685
	Other/Not stated	128	108	31	128	484
	Total	349	294	161	349	3,169
Isuzu	D-MAX	130	130	76	130	1,459
	MU-X	33	27	16	33	381
	Other/Not stated	58	77	28	58	783
	Total	221	234	120	221	2,623
Fiat	DUCATO	106	98	47	106	1,190
	Other/Not stated	4	7	0	4	249
	Total	110	105	47	110	1,439
Mercedes-Benz	SPRINTER	57	127	102	57	1,281
	Other/Not stated	14	49	0	14	236
	Total	71	176	102	71	1,517
Volvo	KOR 2600	22	0	9	22	72
	Other/Not stated	47	25	0	47	218
	Total	69	25	9	69	290
Mazda	BT-50	35	57	39	35	671
	Other/Not stated	14	10	0	14	104
	Total	49	67	39	49	775
Volkswagen	TRANSPORTER	14	9	5	14	120
	Other/Not stated	24	19	29	24	231
	Total	38	28	34	38	351
IVECO	Other/Not stated	37	71	30	37	486
	Total	37	71	30	37	486
All other makes	Total	169	312	65	169	2,530
Total	Total	4,387	4,192	2,476	4,387	53,131

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

RAV entries of caravans and camper trailers

Table 23 RAV entries of caravans and camper trailers, top 20 makes, January 2024^a

Rank	Make	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
1	Jayco	380	674	442	380	10,487
2	Austrack Campers	356	253	0	356	1,921
3	Regent RV Pty Ltd	219	298	48	219	3,152
4	Market Direct Campers	154	145	2	154	2,075
5	Ezytrail	143	160	0	143	1,748
6	Crusader Caravans	108	99	0	108	1,215
7	New Age Caravans	92	88	0	92	1,161
8	Essential Caravans	75	25	47	75	1,456
9	Stoney Creek Campers	70	66	0	70	922
10	Avan	57	29	0	57	536
11	Swag Camper Trailers	57	2	0	57	242
12	Lotus Caravans	43	0	0	43	497
13	Lumberjack Camper Trailers	40	38	0	40	415
14	Supreme	40	35	0	40	679
15	Design RV	36	64	0	36	679
16	Southern Cross Camper Trailers And Off Road Caravans	36	10	0	36	52
17	Apache Caravans Australia Pty Ltd	35	0	0	35	120
18	Zone RV	35	37	0	35	269
19	Adventure Kings	34	37	33	34	646
20	Signature Camper Trailers	32	14	0	32	249
21	Other makes	718	1,639	105	718	15,869
Total	-	2,760	3,713	677	2,760	44,390

a. Caravan and camper trailer RAV entry estimates are derived from trailer make and model information supplied to the RAV, and may not be a full enumeration.

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Table 24 RAV entries of caravans and camper trailers, by tare weight, January 2024^a

Tare weight	Jan 2024	Dec 2023	Jan 2023	Year to date	Last 12 months
<= 500kg	44	51	0	44	384
500-1000kg	98	132	33	98	1,446
1000-1500kg	306	347	151	306	4,829
1500-2000kg	488	525	167	488	7,276
2000-2500kg	1,182	1,418	239	1,182	17,803
2500-3000kg	573	1,103	85	573	11,552
3000-5000kg	69	136	2	69	1,088
> 5000kg	0	1	0	0	11
Not stated	0	0	0	0	1
Total	2,760	3,713	677	2,760	44,390

a. Caravan and camper trailer RAV entry estimates are derived from trailer make and model information supplied to the RAV, and may not be a full enumeration.

Note: RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

Sources: RAV and BITRE estimates.

Vehicle recalls

Table 25 Vehicle recall notices issued, by month of issue, January 2022 to January 2024

Month	Recall notice vehicle category						Total
	Passenger vehicles	Trucks and buses	Motorcycles	Caravans and motorhomes	Trailers	Other vehicles	
Jan 2024	16	1	3	0	0	1	21
Dec 2023	13	1	3	1	0	0	18
Nov 2023	19	4	1	1	1	1	27
Oct 2023	11	4	2	0	0	0	17
Sep 2023	11	3	3	1	0	0	18
Aug 2023	27	1	1	2	1	0	32
Jul 2023	13	4	0	1	0	0	18
Jun 2023	20	3	3	2	0	0	28
May 2023	16	4	1	0	0	3	24
Apr 2023	4	1	0	0	0	0	5
Mar 2023	6	1	6	0	0	0	13
Feb 2023	12	3	3	0	0	0	18
Jan 2023	14	0	4	0	0	0	18
Dec 2022	12	2	1	1	1	0	17
Nov 2022	19	1	4	0	0	0	24
Oct 2022	6	0	3	0	1	0	10
Sep 2022	16	5	3	1	0	1	26
Aug 2022	21	2	1	0	0	0	24
Jul 2022	7	3	0	0	0	0	10
Jun 2022	15	3	2	1	0	0	21
May 2022	20	1	4	0	0	1	26
Apr 2022	14	1	1	2	0	0	18
Mar 2022	12	1	5	1	1	0	20
Feb 2022	8	4	2	0	0	0	14
Jan 2022	12	0	0	0	0	0	12

Sources: ROVER and BITRE estimates.

Figure 13 Vehicle recall notices, by vehicle type, January 2022 to January 2024

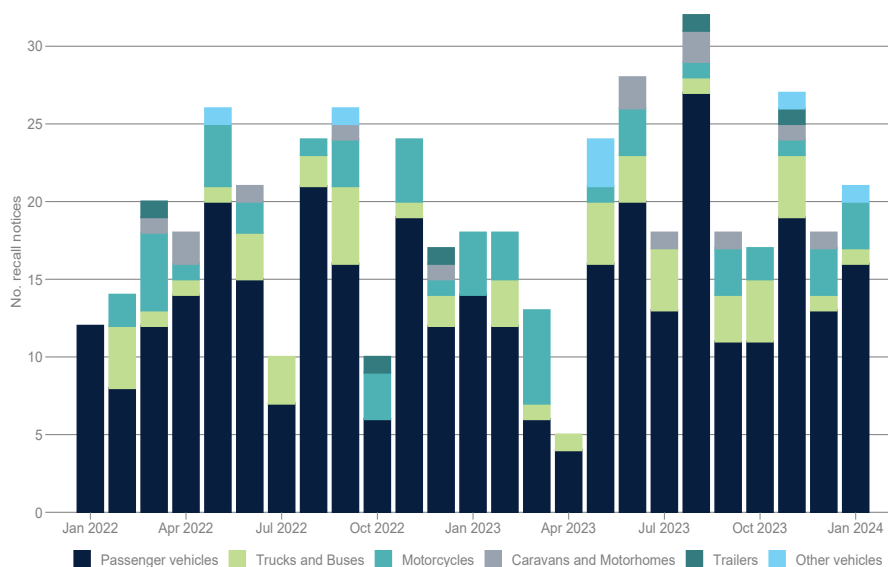
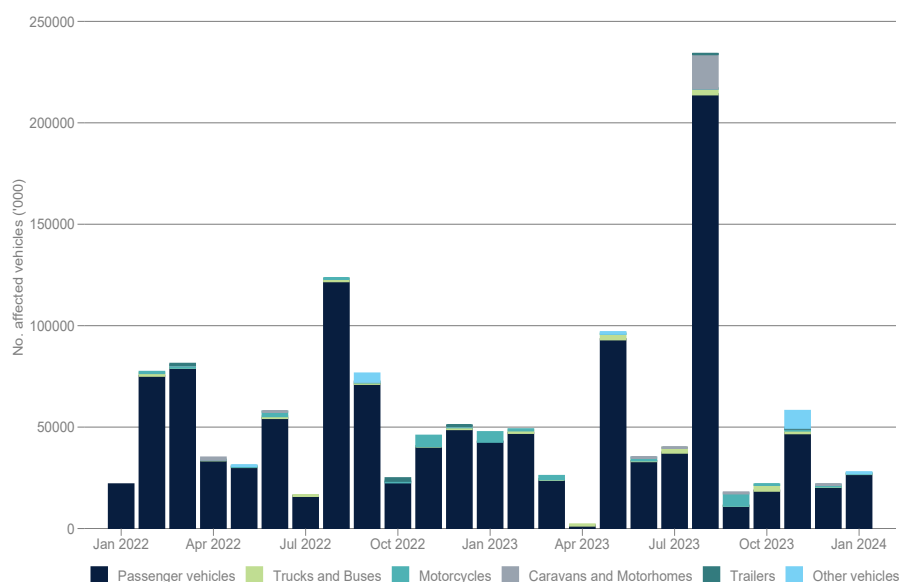


Table 26 Vehicle recalls, total vehicles affected, by month of issue, January 2022 to January 2024

Month	Recall notice vehicle category						Total
	Passenger vehicles	Trucks and buses	Motorcycles	Caravans and motorhomes	Trailers	Other vehicles	
Jan 2024	26,900	255	130	0	0	443	27,728
Dec 2023	20,562	155	887	62	0	0	21,666
Nov 2023	47,007	1,316	842	50	471	8,262	57,948
Oct 2023	18,668	2,847	224	0	0	0	21,739
Sep 2023	11,194	56	6,092	449	0	0	17,791
Aug 2023	214,047	2,828	40	16,999	9	0	233,923
Jul 2023	37,427	2,419	0	36	0	0	39,882
Jun 2023	33,244	334	1,371	72	0	0	35,021
May 2023	93,280	2,711	72	0	0	729	96,792
Apr 2023	1,479	525	0	0	0	0	2,004
Mar 2023	24,225	30	1,627	0	0	0	25,882
Feb 2023	47,173	1,225	511	0	0	0	48,909
Jan 2023	42,786	0	4,702	0	0	0	47,488
Dec 2022	49,037	896	516	303	5	0	50,757
Nov 2022	40,538	61	5,140	0	0	0	45,739
Oct 2022	22,770	0	787	0	1,220	0	24,777
Sep 2022	71,334	669	370	20	0	4,000	76,393
Aug 2022	121,945	1,183	160	0	0	0	123,288
Jul 2022	16,121	175	0	0	0	0	16,296
Jun 2022	54,517	897	2,236	10	0	0	57,660
May 2022	30,361	16	574	0	0	25	30,976
Apr 2022	33,685	106	138	1,050	0	0	34,979
Mar 2022	79,281	4	1,220	158	513	0	81,176
Feb 2022	75,332	1,327	541	0	0	0	77,200
Jan 2022	21,747	0	0	0	0	0	21,747

Sources: ROVER and BITRE estimates.

Figure 14 Vehicle recalls, total vehicles affected, by vehicle type, January 2022 to January 2024



Explanatory notes

Road Vehicle Standards Act 2018

The Road Vehicle Standards Act 2018 (RVSA) commenced on 1 July 2021 to support the safety, environmental and anti-theft performance of all road vehicles being provided to the Australian market for the first time. The RVSA regulates the importation and provision of road vehicles. It also regulates the provision of certain road vehicle components.

Road vehicles and certain road vehicle components must comply with national road vehicle standards set by the Minister, except in limited circumstances.

The RVSA established a Register of Approved Vehicles (RAV), an online searchable database of vehicles that have met the requirements of the RVSA and been approved for provision to the Australian market. Road vehicles must be entered on the RAV before they are provided to the Australian market. An approval is required to import a road vehicle into Australia.

The RAV is administered by the Road and Vehicle Safety Branch, within the Department of Infrastructure, Transport, Regional Development, Communications and the Arts (the Department).

The following sections provide a broad overview of the conditions governing entry of vehicles on the RAV. Further information is on the Road Vehicle Standards laws webpage⁶ and in the following RVSA-related legislative instruments:

- Road Vehicles Standards Act 2018
- Road Vehicles Standards Rules 2019
- Road Vehicle Standards (Information on the Register of Approved Vehicles) Determination 2021
- Vehicle Standard (Australian Design Rule – Definitions and Vehicle Categories) 2005

RAV approvals

A vehicle may be entered on the RAV only if it satisfies the requirements of one of two entry pathways:

- Type approval pathway
- Concessional RAV entry approval pathway⁷

Vehicle type approvals

A vehicle of a particular type satisfies the requirements of the *vehicle type approval* pathway if, immediately before the vehicle is entered on the RAV, all of the following conditions are satisfied:

- a *road vehicle type approval*, applicable to that type of vehicle, is in force
- the design and componentry of the vehicle is in accordance with the design and componentry for that type of vehicle set out in any version of the supporting information for the approval
- the vehicle was manufactured in accordance with the manufacturing process for that type of vehicle set out in any version of the supporting information for the approval
- either
 - the vehicle complies with the applicable national road vehicle standards, as in force at the time the vehicle is entered on the RAV; or
 - the road vehicle type approval specifies that vehicles of that type are not required to comply with the applicable national road vehicle standards in certain respects (generally that the non-compliance is only minor and inconsequential and the vehicle complies with standards that make it suitable for use on Australian public roads)

⁶ <https://www.infrastructure.gov.au/infrastructure-transport-vehicles/vehicles/road-vehicle-standards-laws>

⁷ Referred to elsewhere here as 'Concessional approval RAV entries'.

- the vehicle is a new vehicle; and
- either, the vehicle is in Australia or the type approval allows the entry of the vehicle on the RAV when the vehicle is outside Australia.

Concessional RAV entry approvals

A road vehicle satisfies the requirements of the concessional RAV entry approval pathway if it meets the following conditions:

- a concessional RAV entry approval that applies to the vehicle is in force
- if the approval is subject to a condition that is required to be met before the vehicle is entered on the RAV—the condition has been met
- either the vehicle is in Australia or the approval allows the entry of the vehicle on the RAV when the vehicle is outside Australia.

A concessional RAV entry approval may be granted for the following:

- a road vehicle that is an older vehicle
- a road vehicle that is to be modified by the holder of a Registered Automotive Workshop (RAW) approval
- a road vehicle that is a special purpose vehicle
- a road vehicle that is to be imported as part of the person's personal effects
- a road vehicle that is a trailer
- a road vehicle on the grounds that the vehicle is suitable for entry on the RAV.

Further details are provided in DITRDCA (2023b).

Vehicle attributes recorded on the RAV

Vehicle attributes recorded on the RAV include:

- vehicle identification number (VIN)
- make
- model
- build date
- entry pathway category
- vehicle category
- tare mass
- gross vehicle mass (GVM)
- gross combination mass (GCM)
- gross trailer mass
- maximum engine power
- seating capacity
- road train capable (yes/no)
- B-double capable (yes/no)

The RAV does not include information vehicle's motive power source (e.g. internal combustion engine, battery electric vehicle) and/or fuel type (e.g. petrol, diesel, etc.).

RAV coverage

The RVSA commenced in full on 1 July 2021 and triggered a 12-month transition period for certain segments of the industry to enter information on the RAV. This transitional period was subsequently extended for a further 12 months, to 30 June 2023, to allow more time for industry segments to transition their businesses to operate under the RVSA. Segments permitted a transition extension included:

- Identification plate approval (IPA) holders
- Registered Automotive Workshops (RAWs)
- Motor Vehicle Standards Act 1989 (MVSA) and Interim Specialist and Enthusiast Vehicles (SEV) list vehicles
- Vehicles with MVSA import approval

- Low aggregate trailer mass (ATM) trailer manufacturers
- Special purpose vehicles (SPVs)
- Second stage of manufacture (SSM) vehicles.

Glossary

Entry Pathway Sub-category The basis on which the vehicle type approval or concessional RAV entry approval was granted to the specified vehicle.

Entry Pathway sub-categories

The following section defines the eligibility criteria for each of the RAV entry pathway sub-categories.

Type approval – Standard Sub-category applies to a vehicle if:

- the vehicle is to be entered on the RAV via the type approval pathway
- the road vehicle type approval that applies to the vehicle was granted on the basis of the matter in:
 - the type of vehicle complies with the applicable national road vehicle standards, in force at the time of the application decision
 - the type of vehicle *substantially* complies with the applicable national road vehicle standards as in force at the time of the application decisions, and the non-compliance is only in minor and inconsequential respects.

Type approval – Non-standard Sub-category applies to a road vehicle where all of the following apply:

- the vehicle is to be entered on the RAV via the type approval pathway
- the type of vehicle *substantially* complies with the applicable national road vehicle standards as in force at the time of the application decisions, and the non-compliance is only in minor and inconsequential respects (refer to *Road Vehicle Standards (Information on the Register of Approved Vehicles) Determination 2021*, Section 6(4).)

Type approval – Second stage of manufacture Sub-category applies to a road vehicle where all of the following apply:

- the vehicle (base vehicle) was entered on the RAV via the type approval pathway
- the base vehicle underwent a second stage of manufacture (SSM) in accordance with the supporting information for the applicable road vehicle type approval before being provided to a consumer for the first time in Australia; and
- the vehicle, following the SSM is entered on the RAV via the type approval pathway - Second stage of manufacture.

RAWS concessional approval – Specialist and Enthusiast Vehicles (SEV) Sub-category applies to a road vehicle where all of the following apply:

- the vehicle is to be entered on the RAV via the concessional RAV entry approval pathway
- the vehicle is covered by an entry on the SEVs Register
- the concessional RAV vehicle was modified or manufactured by the holder of a RAW approval (refer to subparagraph 37(a)(i) of the *Road Vehicles Standards Rules 2019* for full details).

RAWS concessional – Used motorcycle full compliance Sub-category applies to a road vehicle where the following conditions apply:

- the vehicle is to be entered on the RAV via the concessional RAV entry approval pathway
- the vehicle is a used two-wheeled vehicle or a used three-wheeled vehicle
- the concessional RAV vehicle was modified or manufactured by the holder of a RAW approval (refer to subparagraph 37(a)(i) of the *Road Vehicles Standards Rules 2019* for full details).

RAWS concessional – Second stage of manufacture Sub-category applies to a road vehicle where the following conditions apply:

- the vehicle is to be entered on the RAV via the concessional RAV entry approval pathway
- the vehicle is a road vehicle that:

- is entered on the RAV via the type approval pathway
- has not been provided to a consumer for the first time in Australia; and
- has been, is currently undergoing or will be subject to second stage of manufacture before being so provided
- the concessional RAV vehicle was modified or manufactured by the holder of a RAW approval (see subparagraph 37(a)(i) of the *Road Vehicles Standards Rules 2019*).

Concessional-Trailers Sub-category applies to a road vehicle where the following conditions apply:

- the vehicle is to be entered on the RAV via the concessional RAV entry approval pathway
- the concessional RAV entry approval that applies to the vehicle was granted on the basis of the eligibility criterion in section 40 of the *Road Vehicles Standards Rules 2019*.

Concessional-Older vehicle Sub-category applies to a road vehicle where the following conditions apply:

- the vehicle is to be entered on the RAV via the concessional RAV entry approval pathway
- the vehicle is in one of the following vehicle categories:
 - Passenger car (ADR vehicle code: MA)
 - Forward-control Passenger Vehicle (MB)
 - Off-road Passenger Vehicle (MC)
 - Moped - 2 wheels (LA)
 - Moped - 3 wheels (LB)
 - Motor cycle (LC)
 - Motor cycle and side-car (LD)
 - Motor tricycle (LE)
 - Light Goods Vehicle (NA)
- the vehicle has a relevant build date that is at least 25 years before the date of the RAV application (see section 36 of the *Road Vehicles Standards Rules 2019* for full details).

Concessional-Special purpose vehicle Sub-category applies to a road vehicle where the following conditions apply:

- the vehicle is to be entered on the RAV via the concessional RAV entry approval pathway
- the concessional RAV entry approval that applies to the vehicle was granted on the basis of the eligibility criterion in section 38 of the *Road Vehicles Standards Rules 2019*.

Concessional-Personal effects Sub-category applies to a road vehicle where the following conditions apply:

- the vehicle is to be entered on the RAV via the concessional RAV entry approval pathway
- the concessional RAV entry approval that applies to the vehicle was granted on the basis of the eligibility criterion in section 39 of the *Road Vehicles Standards Rules 2019* – in broad terms, to a vehicle that a person becomes the owner of while living outside Australia on a permanent basis. Where the person arrives in Australia with the intention of living there indefinitely (in addition to meeting other requirements), they may seek to import the vehicle as part of their personal effects.

Concessional-Road vehicle suitable for entry on RAV Sub-category applies to a road vehicle where the following conditions apply:

- the vehicle is to be entered on the RAV via the concessional RAV entry approval pathway; and
- the concessional RAV entry approval that applies to the vehicle was granted on the basis that the Minister is satisfied that the vehicle is suitable for entry on the RAV (see section 41 of the *Road Vehicles Standards Rules 2019*).

Australian Design Rules vehicle categories

Australian Design Rule vehicle categories are defined in *Vehicle Standard (Australian Design Rule – Definitions and Vehicle Categories) 2005*, and are listed here for convenience.

Two-wheeled and three-wheeled vehicles

Moped - 2 Wheels (ADR code: LA) A 2-wheeled motor vehicle, not being a 'Power-Assisted Pedal Cycle', with an engine cylinder capacity not exceeding 50 ml and a 'Maximum Motor Cycle Speed' not exceeding 50 km/h; or a 2-wheeled motor vehicle with a power source other than a piston engine and a 'Maximum Motor Cycle Speed' not exceeding 50 km/h.

Moped - 3 Wheels (LB) A 3-wheeled motor vehicle, not being a 'Power-Assisted Pedal Cycle', with an engine cylinder capacity not exceeding 50 ml and a 'Maximum Motor Cycle Speed' not exceeding 50 km/h; or a 3-wheeled motor vehicle with a power source other than a piston engine and a 'Maximum Motor Cycle Speed' not exceeding 50 km/h.

Motor cycle (LC) A 2-wheeled motor vehicle with an engine cylinder capacity exceeding 50 ml or a 'Maximum Motor Cycle Speed' exceeding 50 km/h.

Motor cycle and side-car (LD) A motor vehicle with 3 wheels asymmetrically arranged in relation to the longitudinal median axis, with an engine cylinder capacity exceeding 50 ml or a 'Maximum Motor Cycle Speed' exceeding 50 km/h.

Side-car A car, box or other receptacle attached to the side of a motor cycle and for the support of which a wheel is provided.

Motor tricycle (LE) A motor vehicle with 3 wheels symmetrically arranged in relation to the longitudinal median axis, with a 'Gross Vehicle Mass' not exceeding 1.0 tonne and either an engine cylinder capacity exceeding 50 ml or a 'Maximum Motor cycle Speed' exceeding 50 km/h.

Passenger vehicles (excluding omnibuses)

Passenger car (MA) A passenger vehicle, not being an off-road passenger vehicle or a forward-control passenger vehicle, having up to 9 seating positions, including that of the driver.

Forward-control passenger vehicle (MB) A passenger vehicle, not being an off-road passenger vehicle, having up to 9 seating positions, including that of the driver, and in which the centre of the steering wheel is in the forward quarter of the vehicle's 'total length'.

Off-road passenger vehicle (MC) A passenger vehicle having up to 9 seating positions, including that of the driver and being designed with special features for off-road operation.

Omnibuses

Light omnibus (MD) A passenger vehicle having more than 9 seating positions, including that of the driver, and a Gross Vehicle Mass not exceeding 5.0 tonnes.

Heavy omnibus (ME) A passenger vehicle having more than 9 seating positions, including that of the driver, and a Gross Vehicle Mass exceeding 5.0 tonnes.

Goods vehicles

Light goods vehicle (NA) A motor vehicle constructed primarily for the carriage of goods and having at least 4 wheels; or 3 wheels and a Gross Vehicle Mass exceeding 1.0 tonne and not exceeding 3.5 tonnes.

Medium goods vehicle (NB) A motor vehicle constructed primarily for the carriage of goods and having at least 4 wheels; or 3 wheels and a Gross Vehicle Mass exceeding 3.5 tonnes and not exceeding 12.0 tonnes.

Heavy goods vehicle (NC) A motor vehicle constructed primarily for the carriage of goods and having at least 4 wheels; or 3 wheels and a Gross Vehicle Mass exceeding 12.0 tonnes.

Trailers

Very light trailer (TA) A single-axled trailer (i.e. vehicle without motive power constructed to be drawn behind a motor vehicle) with a 'Gross Trailer Mass' not exceeding 0.75 tonnes.

Light trailer (TB) A trailer (i.e. vehicle without motive power constructed to be drawn behind a motor vehicle) with a 'Gross Trailer Mass' not exceeding 3.55 tonnes, other than a trailer of Category TA.

Medium trailer (TC) A trailer (i.e. vehicle without motive power constructed to be drawn behind a motor vehicle) with a 'Gross Trailer Mass' exceeding 3.5 tonnes but not exceeding 10 tonnes.

Heavy trailer (TD) A trailer (i.e. vehicle without motive power constructed to be drawn behind a motor vehicle) with a 'Gross Trailer Mass' exceeding 10.0 tonnes.

BITRE Road Vehicles Australia vehicle type

BITRE's Road Vehicles Australia vehicle types are defined in BITRE (2023), and listed here for convenience.

Articulated trucks Motor vehicles constructed primarily for load carrying, consisting of a prime mover having no significant load carrying area, but with a turntable device which can be connected to one or more trailers.

Buses Motor vehicles constructed for the carriage of passengers. This category includes all motor vehicles with 10 or more seats, including the driver's seat.

Campervans Self-propelled motor vehicles containing an area primarily used for accommodation. This includes motor homes and powered caravans.

Heavy Rigid Trucks Rigid trucks of GVM greater than 4.5 tonnes.

Light Commercial Vehicles Vehicles primarily constructed for the carriage of goods, and which are less than or equal to 3.5 tonnes GVM. This includes utilities, panel vans, cab-chassis and forward-control load carrying vehicles (whether four-wheel drive or not).

Light Rigid Trucks Rigid trucks of GVM greater than 3.5 tonnes and less than or equal to 4.5 tonnes.

Motorcycles Two- and three-wheeled motor vehicles constructed primarily for the carriage of one or two persons. This category includes two and three wheeled mopeds, scooters, motor tricycles and motorcycles with sidecars.

Non-Freight Carrying Vehicles Specialist motor vehicles or motor vehicles fitted with special purpose equipment, and having little or no-load carrying capacity (e.g. ambulances, cherry pickers, fire trucks and tow trucks).

Passenger Vehicles Motor vehicles constructed primarily for the carriage of persons and containing up to nine seats (including the driver's seat). This category includes cars, station wagons, four-wheel drive passenger vehicles and forward-control passenger vehicles. Campervans are excluded.

Rigid Trucks Motor vehicles of GVM greater than 3.5 tonnes, constructed with a load carrying area. This includes trucks with a tow bar, draw bar or other non-articulated coupling on the rear of the vehicle. Rigid trucks are divided into two categories:

- Light rigid trucks of GVM greater than 3.5 tonnes and less than or equal to 4.5 tonnes.
- Heavy rigid trucks of GVM greater than 4.5 tonnes.

Abbreviations

ADR – Australian Design Rules

ATM – Aggregate trailer mass

BITRE – Bureau of Infrastructure and Transport Research Economics

DITRDCA – Department of Infrastructure, Transport, Regional Development, Communications and the Arts

FCV – Forward control passenger vehicle

GCM – Gross combination mass

GVM – Gross vehicle mass

HGV – Heavy goods vehicles

LCV – Light commercial vehicles

LGV – Light goods vehicles

MGV – Medium goods vehicles

MVSA – Motor Vehicle Standards Act 1989

OEM – original equipment manufacturer

RAV – Register of Approved Vehicles

RAW – Registered Automotive Workshop

RAWS – Registered Automotive Workshop Scheme

ROVER – Road Vehicle Regulator (RVSA administration system)

RVSA – Road Vehicles Standards Act 2018

SEV – Specialist and Enthusiast Vehicle

SSM – Second Stage of Manufacture

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