



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

April 2024



BUREAU OF INFRASTRUCTURE AND TRANSPORT RESEARCH ECONOMICS

# Road vehicle entry and recall statistics

April 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

May 2024

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# Highlights – April 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 April 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 142,195 road vehicles entered on the RAV in April 2024, 10.9 per cent higher than total entries in March 2024 (i.e. 128,166 vehicles).<sup>1</sup>
- There were 139,431 type approved vehicles entered in April 2024, 11.0 per cent higher than total type approved vehicles entries in March 2024 (i.e. 125,567 vehicles).
- Standard vehicles covered by a type approval represented approximately 99.9 per cent of total type approved entries (not including second stage of manufacture vehicles).
- Concessional RAV approval entries totalled 2,764 vehicles in the month of April 2024, 6.3 per cent higher than concessional RAV approval entries in March 2024 (i.e. 2,599 vehicles).

## Type approved RAV entries by vehicle category

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

- 87,076 passenger vehicle RAV entries, 14.3 per cent higher than in March 2024
- 24,619 light commercial vehicle (LCV) RAV entries, 6.9 per cent higher than in March 2024
- 4,608 medium goods vehicle RAV entries, 25.2 per cent higher than in March 2024
- 2,051 heavy goods vehicle RAV entries, 1.8 per cent lower than in March 2024
- 486 bus RAV entries, 74.8 per cent higher than in March 2024, and
- 7,157 motorcycle RAV entries, 44.3 per cent higher than in March 2024.

## Type approved RAV entries by vehicle make

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

- Passenger vehicles: Toyota, Kia, Tesla, Mazda and Hyundai
- Light commercial vehicles: Toyota, Ford, Isuzu, Mitsubishi and Nissan
- Medium goods vehicles: Toyota, Isuzu, Ford, Mercedes-Benz and LDV
- Heavy goods vehicles: Kenworth, Isuzu, Volvo, Hino and Scania
- Buses: Toyota, LDV, Ford, Volgren and Irizar
- Motorcycles: Honda, KTM, Harley-Davidson, Yamaha and Royal Enfield.

## Concessional RAV entry approval vehicles

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

- 1,521 passenger vehicles
- 263 LCVs
- 35 medium goods vehicles
- 27 heavy goods vehicles, and
- 375 trailers.

<sup>1</sup> 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 1,819 specialist and enthusiast vehicles (SEVs) entries on the RAV in April 2024.
- There were 1,073 SEV RAV entries in April 2024 under environmental criterion.

## Second stage of manufacture (SSM) RAV entries

- There were 4,470 SSM RAV entries in April 2024, comprising:
  - 2,628 light commercial vehicles
  - 1,245 medium goods vehicles
  - 394 passenger vehicles, and
  - 203 other vehicles.

## Type approval RAV entries by trailer category

In the month of April 2024 there were:

- 11,239 type approved light trailer RAV entries
- 631 type approved medium trailer RAV entries, and
- 1,564 type approved heavy trailer RAV entries.

Type approved trailer RAV entries included approximately 3,385 caravans and camper trailers in the month of April 2024.<sup>2</sup>

## Vehicle recall notices

- In April 2024 there were 27 recall notices published on the Department's website, covering approximately 106,848 vehicles.
- As at 30 April 2024 there were 4,993 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 – 3,261 notices (covering 19,018,334 vehicles)
  - Trucks and buses – 792 notices (covering 557,914 vehicles)
  - Motorcycles – 802 notices (covering 490,687 vehicles)
  - Caravans/motorhomes – 70 notices (covering 44,460 vehicles)
  - Trailers – 39 notices (covering 18,905 vehicles)
  - Other vehicles (not elsewhere specified) – 29 notices (covering 154,779 vehicles).

<sup>2</sup> 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](http://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 vehicles<sup>3</sup> 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.<sup>4</sup> 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.

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

<sup>4</sup> 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 April 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
- Trailers<sup>5</sup>

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

<sup>5</sup> 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, April 2024**

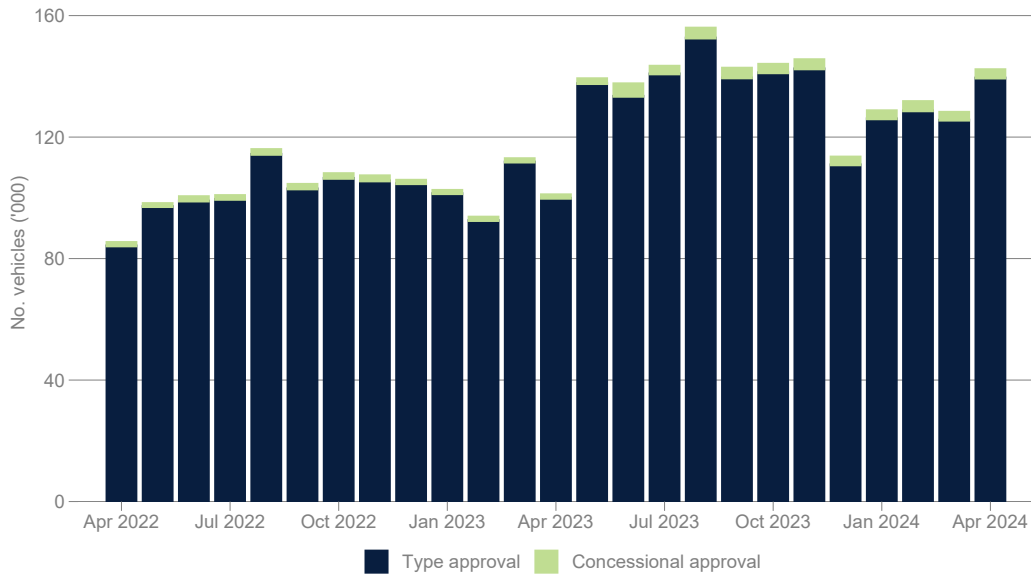
Month	Approval category		Total <sup>a</sup>
	Type approval	Concessional approval	
Apr 2024	139,431	2,764	142,195
Mar 2024	125,567	2,599	128,166
Feb 2024	128,637	3,059	131,696
Jan 2024	126,008	2,665	128,673
Dec 2023	110,857	2,585	113,442
Nov 2023	142,457	3,034	145,491
Oct 2023	141,166	2,806	143,972
Sep 2023	139,483	3,211	142,694
Aug 2023	152,604	3,280	155,884
Jul 2023	140,798	2,540	143,338
Jun 2023	133,425	4,123	137,548
May 2023	137,608	1,616	139,224
Apr 2023	99,850	1,161	101,011
Mar 2023	111,768	1,129	112,897
Feb 2023	92,519	1,136	93,655
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

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**



Note: Excludes second stage manufacture RAV entries.  
Sources: RAV and BITRE estimates.

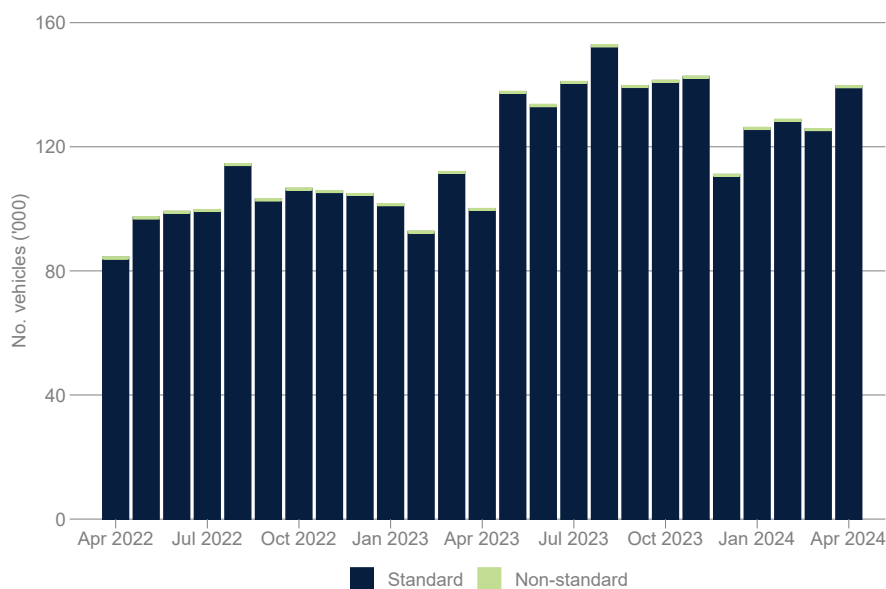
**Table 2 Type approved RAV entries, by entry pathway and month, April 2024**

Month	Type approvals			Total <sup>a</sup>
	Standard	Non-standard	SSM	
Apr 2024	139,311	120	4,470	139,431
Mar 2024	125,492	75	4,627	125,567
Feb 2024	128,445	192	5,287	128,637
Jan 2024	125,856	152	4,249	126,008
Dec 2023	110,796	61	4,145	110,857
Nov 2023	142,395	62	4,684	142,457
Oct 2023	141,089	77	5,167	141,166
Sep 2023	139,394	89	6,778	139,483
Aug 2023	152,473	131	5,445	152,604
Jul 2023	140,721	77	4,160	140,798
Jun 2023	133,200	225	4,099	133,425
May 2023	137,505	103	4,229	137,608
Apr 2023	99,783	67	3,023	99,850
Mar 2023	111,699	69	4,090	111,768
Feb 2023	92,450	69	2,732	92,519
Jan 2023	101,290	76	2,445	101,366
Dec 2022	104,606	45	2,740	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

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**

Note: Excludes second stage of manufacture RAV entries  
Sources: RAV and BITRE estimates.



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

Month	Concessional RAV entry approvals							Total <sup>a</sup>
	RAWS-SEV	RAWS-SSM	Trailer	Older vehicle	SPV	Personal	RAV suitable	
Apr 2024	1,819	0	375	445	27	64	34	2,764
Mar 2024	1,742	0	335	300	88	88	46	2,599
Feb 2024	1,986	0	428	419	67	118	41	3,059
Jan 2024	1,660	0	387	469	24	102	23	2,665
Dec 2023	1,674	1	398	328	26	138	21	2,585
Nov 2023	1,924	2	460	464	4	143	39	3,034
Oct 2023	1,733	5	364	432	3	154	120	2,806
Sep 2023	1,543	0	513	750	52	136	217	3,211
Aug 2023	1,679	1	405	478	13	144	561	3,280
Jul 2023	994	10	153	432	426	114	421	2,540
Jun 2023	842	19	260	1,897	206	336	582	4,123
May 2023	717	16	57	171	5	103	563	1,616
Apr 2023	473	0	32	188	112	105	251	1,161
Mar 2023	456	4	21	143	11	76	422	1,129
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

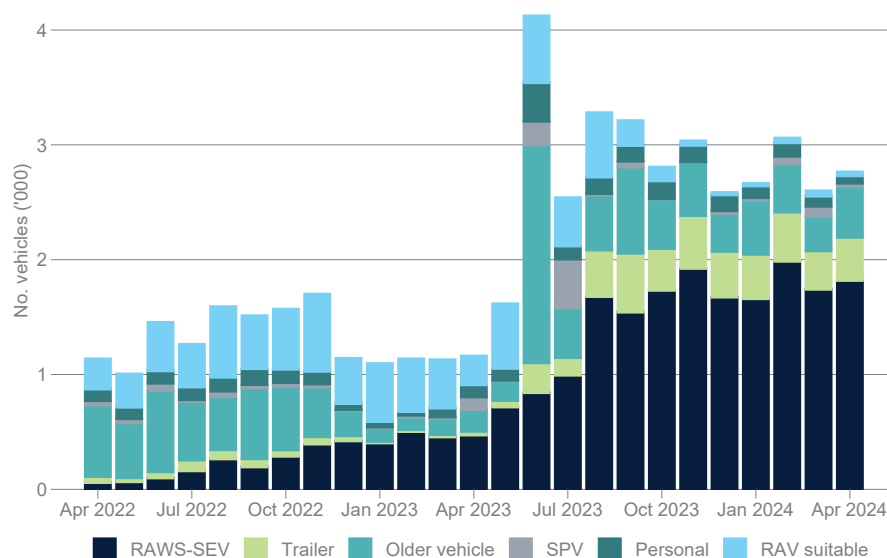
a. Total excludes Second Stage of Manufacture vehicles.

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**

Note: Excludes second stage of manufacture RAV entries

Sources: RAV and BITRE estimates.

## RAV entries by vehicle class

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

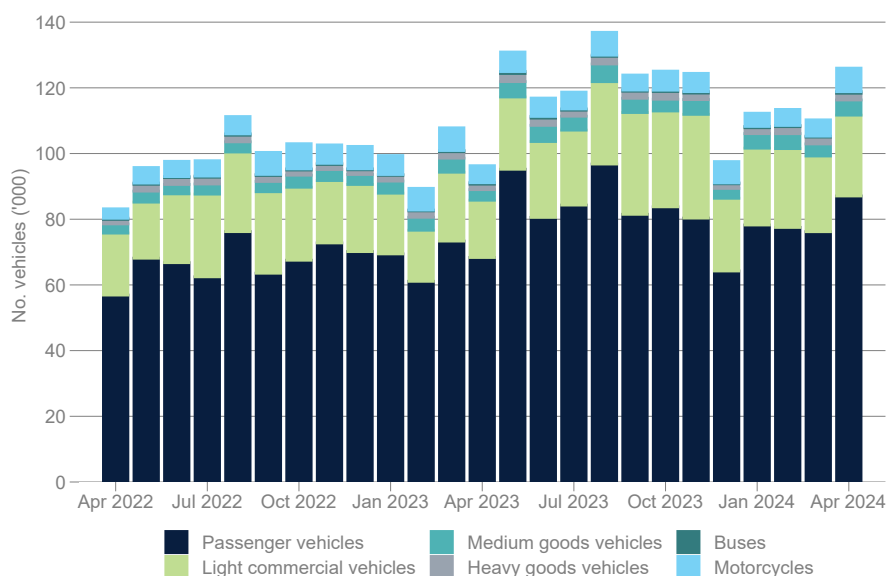
Month	Passenger vehicles	Light commercial vehicles	Medium goods vehicles	Heavy goods vehicles	Buses	Motorcycles	Total
Apr 2024	87,076	24,619	4,608	2,051	486	7,157	125,997
Mar 2024	76,206	23,039	3,680	2,089	278	4,959	110,251
Feb 2024	77,507	24,001	4,533	2,149	359	4,878	113,427
Jan 2024	78,241	23,394	4,422	1,801	394	4,022	112,274
Dec 2023	64,241	22,143	3,000	1,405	273	6,486	97,548
Nov 2023	80,348	31,581	4,503	1,974	451	5,548	124,405
Oct 2023	83,776	29,181	3,581	2,343	413	5,796	125,090
Sep 2023	81,497	30,989	4,335	2,155	353	4,569	123,898
Aug 2023	96,801	25,084	5,378	2,323	362	6,956	136,904
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	68,353	17,440	3,216	1,669	442	5,176	96,296
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

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**



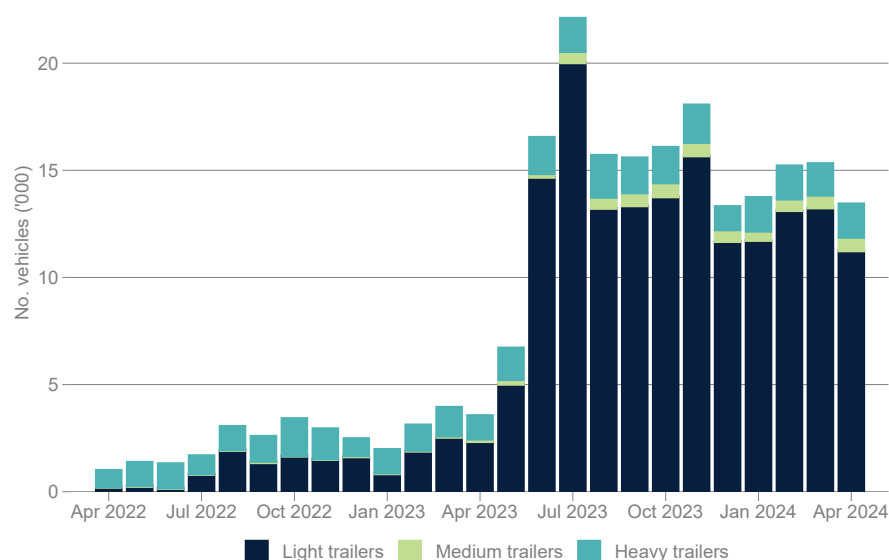
Sources: RAV and BITRE estimates.

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

Month	Light trailers	Medium trailers	Heavy trailers	Total
Apr 2024	11,239	631	1,564	13,434
Mar 2024	13,242	595	1,479	15,316
Feb 2024	13,117	539	1,554	15,210
Jan 2024	11,725	431	1,578	13,734
Dec 2023	11,673	546	1,090	13,309
Nov 2023	15,671	625	1,756	18,052
Oct 2023	13,758	654	1,664	16,076
Sep 2023	13,341	601	1,643	15,585
Aug 2023	13,220	518	1,962	15,700
Jul 2023	20,016	525	1,556	22,097
Jun 2023	14,670	169	1,701	16,540
May 2023	5,011	220	1,476	6,707
Apr 2023	2,337	118	1,099	3,554
Mar 2023	2,536	61	1,343	3,940
Feb 2023	1,887	41	1,188	3,116
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

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**

Sources: RAV and BITRE estimates.

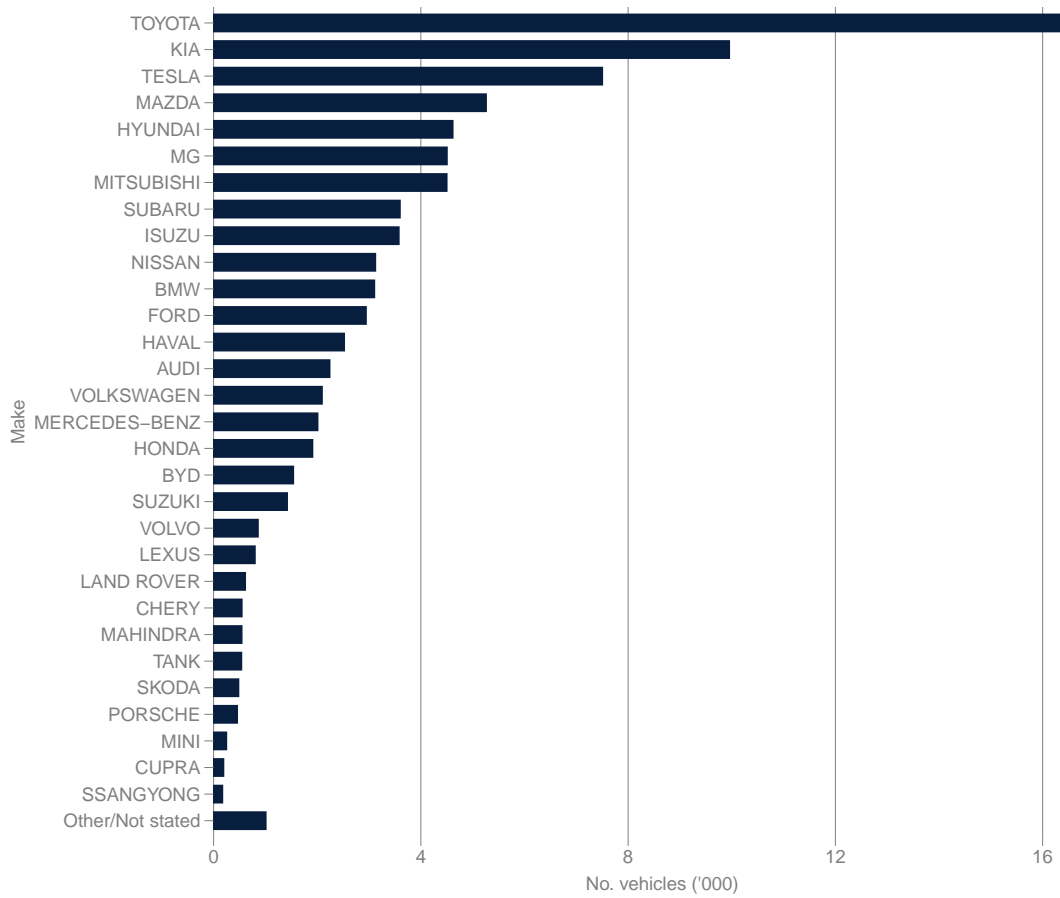
## RAV entries by vehicle class and make

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

Rank	Make	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
1	Toyota	16,508	15,190	7,822	57,889	169,997
2	Kia	9,940	8,307	6,329	34,093	85,101
3	Tesla	7,490	1,668	1,885	19,030	53,132
4	Mazda	5,247	5,223	5,414	23,436	83,858
5	Hyundai	4,603	4,567	5,952	20,803	75,110
6	MG	4,492	2,885	3,691	14,874	60,738
7	Mitsubishi	4,488	5,517	4,698	21,497	54,982
8	Subaru	3,585	3,408	3,132	14,071	47,110
9	Isuzu	3,563	3,081	1,026	10,936	20,797
10	Nissan	3,110	2,946	3,089	13,314	42,998
11	BMW	3,091	2,197	2,818	8,460	28,617
12	Ford	2,930	3,576	1,880	10,262	25,583
13	Haval	2,509	2,036	1,694	8,999	26,489
14	Audi	2,228	1,877	1,019	6,959	19,562
15	Volkswagen	2,081	1,744	2,829	7,530	31,776
16	Mercedes-Benz	1,996	1,697	1,990	6,221	22,076
17	Honda	1,897	3,094	1,068	9,372	20,993
18	BYD	1,527	909	600	5,047	17,421
19	Suzuki	1,408	2,041	1,299	7,407	18,824
20	Volvo	845	370	1,290	1,988	9,921
21	Lexus	786	1,215	3,087	3,752	14,318
22	Land Rover	598	789	1,690	2,286	8,404
23	Chery	533	1,081	791	3,211	9,885
24	Mahindra	531	0	0	1,594	4,320
25	Tank	525	440	0	1,991	4,625
26	Skoda	469	261	641	1,858	7,705
27	Porsche	444	447	674	2,199	6,530
28	MINI	235	92	336	1,026	4,009
29	Cupra	179	227	53	785	3,780
30	Ssangyong	158	121	255	1,378	3,751
31	Other/Not stated	995	1,288	1,838	4,586	21,786
Total	-	88,991	78,294	68,890	326,854	1,004,198

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, April 2024

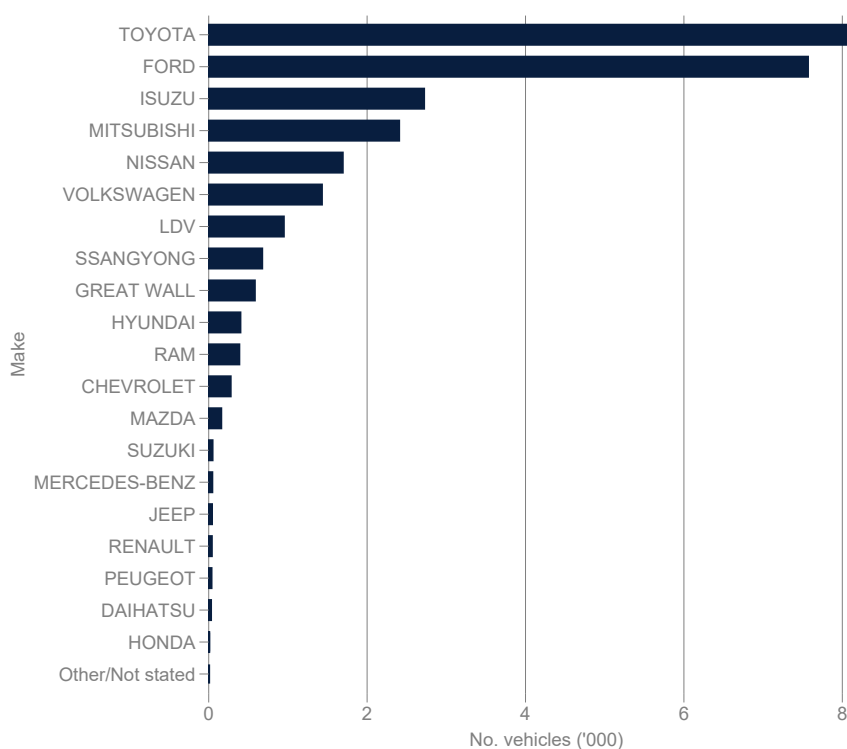


Sources: RAV and BITRE estimates.

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

Rank	Make	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
1	Toyota	8,126	8,861	6,702	34,029	110,547
2	Ford	7,561	7,429	4,314	29,613	83,848
3	Isuzu	2,714	1,952	2,208	11,392	39,406
4	Mitsubishi	2,399	3,035	391	7,219	22,879
5	Nissan	1,687	849	423	4,604	15,476
6	Volkswagen	1,424	505	669	4,389	13,092
7	LDV	943	554	1,011	2,866	12,313
8	Ssangyong	670	310	307	2,170	4,571
9	Great Wall	577	527	695	2,514	8,344
10	Hyundai	395	580	158	1,739	3,248
11	RAM	381	448	568	1,680	5,004
12	Chevrolet	272	236	213	905	2,965
13	Mazda	153	329	1,704	3,324	17,931
14	Suzuki	43	17	10	87	210
15	Mercedes-Benz	40	22	117	125	630
16	Jeep	36	6	6	67	342
17	Renault	34	142	68	501	1,619
18	Peugeot	30	135	154	347	1,247
19	Daihatsu	24	20	0	107	246
20	Honda	1	1	0	4	6
21	Other/Not stated	0	9	5	13	38
Total	-	27,510	25,967	19,723	107,695	343,962

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.

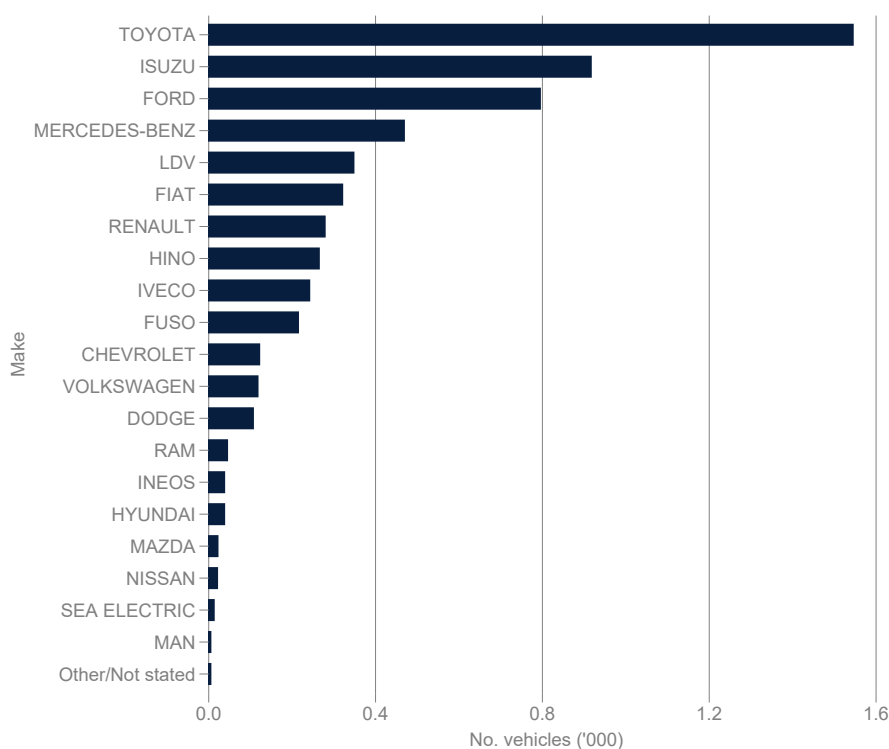
**Figure 7 Type approval RAV entries, light commercial vehicles, top 20 makes, April 2024**

Sources: RAV and BITRE estimates.

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

Rank	Make	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
1	Toyota	1,543	1,078	902	5,422	19,707
2	Isuzu	915	1,021	588	3,693	10,268
3	Ford	793	313	215	1,930	3,461
4	Mercedes-Benz	467	448	445	2,046	5,174
5	LDV	346	276	256	1,229	4,710
6	Fiat	319	251	139	1,211	3,289
7	Renault	277	226	31	976	2,761
8	Hino	263	238	492	1,240	3,621
9	IVECO	240	155	76	829	2,405
10	Fuso	213	341	316	1,030	3,142
11	Chevrolet	120	171	95	571	1,486
12	Volkswagen	116	31	111	329	1,017
13	Dodge	105	105	90	407	1,409
14	RAM	43	46	51	188	660
15	Hyundai	36	27	15	129	338
16	Ineos	36	57	0	305	1,193
17	Mazda	20	24	14	85	269
18	Nissan	19	14	26	73	311
19	Sea Electric	11	0	0	11	20
20	MAN	3	0	0	4	10
21	Other/Not stated	3	47	26	170	393
Total	-	5,888	4,869	3,888	21,878	65,644

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.

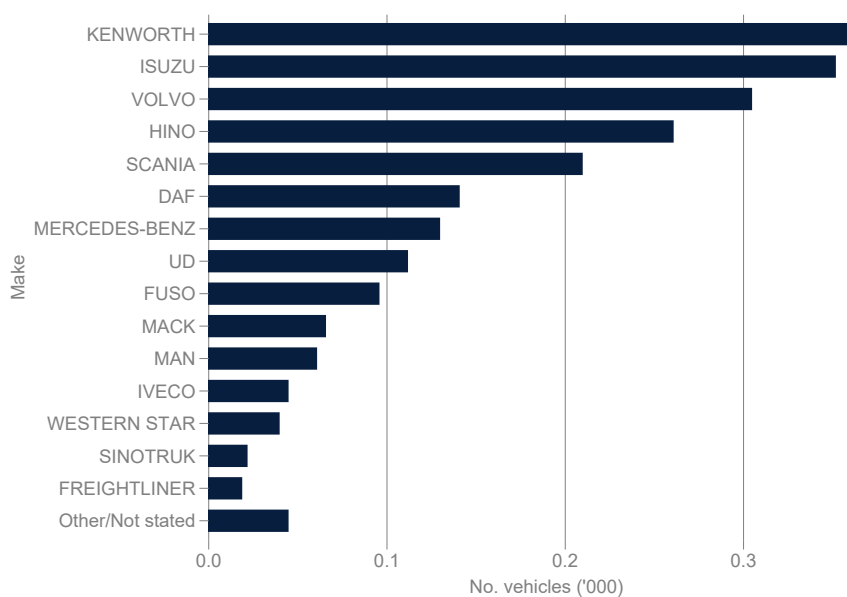
**Figure 8 Type approval RAV entries, medium goods vehicles, top 20 makes, April 2024**

Sources: RAV and BITRE estimates.

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

Rank	Make	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
1	Kenworth	361	342	185	1,332	4,529
2	Isuzu	351	509	275	1,581	4,538
3	Volvo	304	338	364	1,199	3,913
4	Hino	260	210	208	817	2,083
5	Scania	209	167	112	573	1,583
6	DAF	140	47	149	399	1,174
7	Mercedes-Benz	129	138	84	553	1,506
8	UD	111	71	34	386	1,300
9	Fuso	95	87	96	460	1,341
10	Mack	65	101	84	375	1,217
11	MAN	60	32	7	212	683
12	IVECO	44	29	24	267	643
13	Western Star	39	58	0	177	344
14	Sinotruk	21	31	11	175	487
15	Freightliner	18	43	39	138	399
16	Other/Not stated	44	107	94	275	1,151
Total	-	2,251	2,310	1,766	8,919	26,891

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, April 2024**

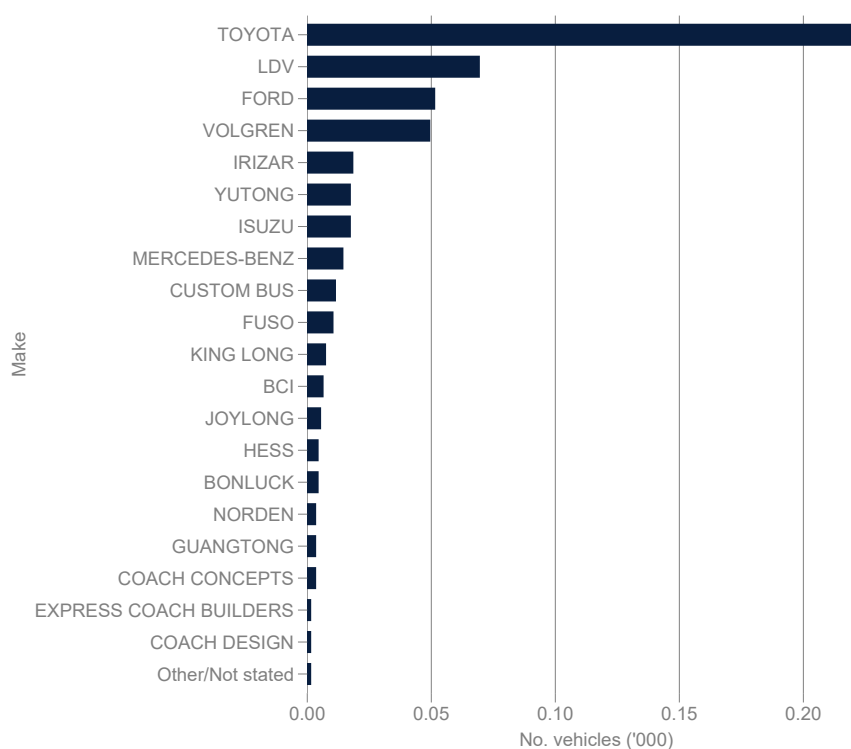
Sources: RAV and BITRE estimates.



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

Rank	Make	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
1	Toyota	222	74	347	574	2,627
2	LDV	69	44	3	181	456
3	Ford	51	4	0	70	70
4	Volgren	49	44	25	158	424
5	Irizar	18	18	11	87	202
6	Isuzu	17	9	1	44	88
7	Yutong	17	31	10	117	258
8	Mercedes-Benz	14	14	5	48	88
9	Custom Bus	11	10	15	32	112
10	Fuso	10	20	17	92	318
11	King Long	7	6	1	46	118
12	BCI	6	8	3	47	135
13	Joylong	5	0	0	5	10
14	Bonluck	4	0	3	15	29
15	Hess	4	2	0	14	14
16	Coach Concepts	3	2	2	10	22
17	Guangtong	3	0	5	12	20
18	Norden	3	3	0	6	19
19	Coach Design	1	0	1	5	19
20	Express Coach Builders	1	2	6	8	31
21	Other/Not stated	1	11	6	55	146
Total	-	516	302	461	1,626	5,206

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.

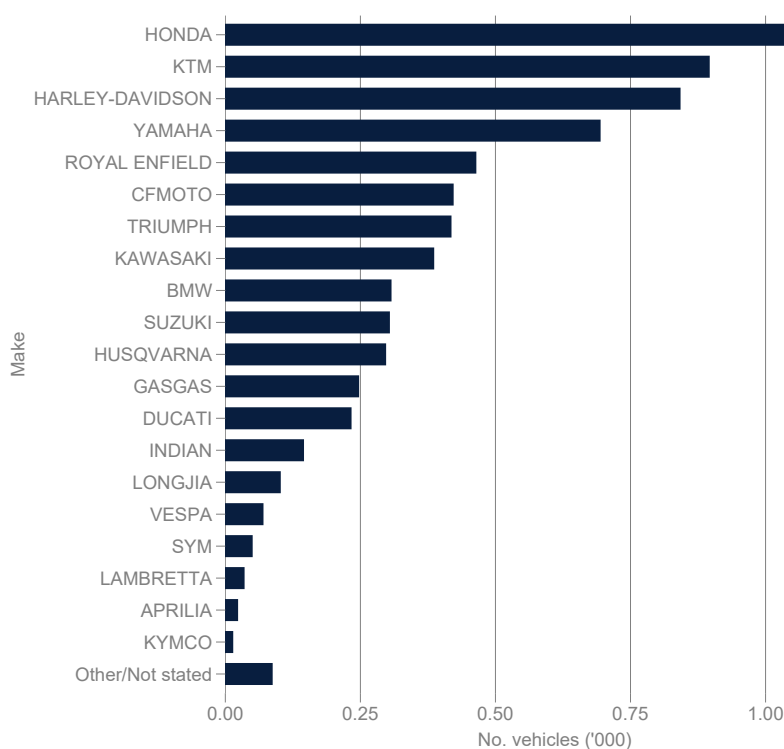
**Figure 10 Type approval RAV entries, all buses, top 20 makes, April 2024**

Sources: RAV and BITRE estimates.

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

Rank	Make	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
1	Honda	1,162	573	797	3,711	11,163
2	KTM	894	150	467	1,092	7,475
3	Harley-Davidson	840	726	683	2,140	5,182
4	Yamaha	692	810	709	2,677	9,858
5	Royal Enfield	462	128	194	820	1,806
6	CFMoto	420	159	250	1,108	2,039
7	Triumph	416	353	150	1,466	2,478
8	Kawasaki	384	735	501	2,158	5,384
9	BMW	305	299	244	1,251	3,265
10	Suzuki	302	191	173	977	3,594
11	Husqvarna	295	158	211	454	2,589
12	GASGAS	245	28	0	304	852
13	Ducati	231	1	189	312	1,515
14	Indian	143	174	94	360	1,634
15	Longjia	100	0	0	204	354
16	Vespa	68	108	0	234	755
17	Sym	48	49	0	190	392
18	Lambretta	33	1	0	34	138
19	Aprilia	21	14	0	91	421
20	Kymco	12	0	108	636	2,263
21	Other/Not stated	85	303	406	799	3,864
Total	-	7,158	4,960	5,176	21,018	67,021

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, April 2024**

Sources: RAV and BITRE estimates.

## RAV entries by vehicle class, make and model

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

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
Toyota	RAV4	6,148	6,316	2,348	18,186	39,915
	COROLLA	3,859	3,191	1,543	13,627	37,550
	CAMRY	2,831	1,946	718	8,082	17,098
	LANDCRUISER	1,325	788	912	5,414	16,463
	YARIS	910	829	372	3,388	9,740
	Other/Not stated	1,435	2,120	1,929	9,192	49,231
	Total	16,508	15,190	7,822	57,889	169,997
Kia	CERATO	2,630	1,905	638	6,980	11,743
	SPORTAGE	1,598	1,940	1,008	8,117	19,590
	CARNIVAL	1,436	634	570	3,425	10,685
	SORENTO	1,422	1,570	545	5,494	9,968
	PICANTO	984	439	775	2,148	7,490
	SELTOS	687	801	1,048	3,474	10,360
	YB	645	496	1,034	2,500	8,978
	Other/Not stated	538	522	711	1,955	6,287
Total	9,940	8,307	6,329	34,093	85,101	
Tesla	MODEL Y	4,588	773	1,402	11,323	36,236
	MODEL 3	2,902	895	483	7,707	16,896
	Total	7,490	1,668	1,885	19,030	53,132
Mazda	CX-5	1,356	1,121	975	7,318	24,365
	MAZDA 3	952	712	1,151	3,742	10,155
	CX-3	926	1,369	1,503	5,143	16,283
	CX-30	839	1,310	1,055	3,633	13,547
	MAZDA 2	537	495	359	1,775	5,168
	CX-60	469	75	0	728	4,992
	Other/Not stated	168	141	371	1,097	9,348
	Total	5,247	5,223	5,414	23,436	83,858
Hyundai	TUCSON	1,800	1,194	1,815	5,975	22,499
	KONA	1,092	1,691	588	5,374	14,675
	I30	658	686	2,108	4,595	18,665
	VENUE	507	345	519	2,064	6,209
	PALISADE	301	206	360	1,018	4,105
	Other/Not stated	245	445	562	1,777	8,957
	Total	4,603	4,567	5,952	20,803	75,110
MG	ZS	2,085	1,671	1,824	6,896	31,695
	MG5	826	182	0	1,817	4,719
	MG3	792	553	1,093	3,396	13,434
	MG4	589	270	1	1,747	6,413
	Other/Not stated	200	209	773	1,018	4,477
	Total	4,492	2,885	3,691	14,874	60,738
Mitsubishi	OUTLANDER	2,457	2,234	2,735	10,013	27,080
	PAJERO	702	1,144	109	3,428	8,267
	ECLIPSE	666	981	797	4,243	9,295
	ASX	642	1,130	1,049	3,710	10,064
	Other/Not stated	21	28	8	103	276
	Total	4,488	5,517	4,698	21,497	54,982
Subaru	OUTBACK	1,124	966	622	3,901	13,455
	CROSSTREK	997	848	418	3,667	13,149
	FORESTER	787	1,229	1,127	4,469	15,146
	V-2	296	68	194	579	2,312
	Other/Not stated	381	297	771	1,455	3,048
	Total	3,585	3,408	3,132	14,071	47,110
Isuzu	MU-X	3,563	3,081	1,026	10,936	20,797
	Total	3,563	3,081	1,026	10,936	20,797

(continued)

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

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
Nissan	PATROL	978	1,315	744	4,441	11,825
	X-TRAIL	953	918	1,434	5,073	17,136
	QASHQAI	864	477	247	2,236	8,109
	Other/Not stated	315	236	664	1,564	5,928
	Total	3,110	2,946	3,089	13,314	42,998
BMW	X SERIES	1,840	606	883	3,481	11,414
	4 SERIES	351	329	362	1,199	2,769
	X1	279	336	424	1,253	5,770
	3 SERIES	243	403	575	942	3,306
	2 SERIES	178	250	248	700	2,495
	Other/Not stated	200	273	326	885	2,863
	Total	3,091	2,197	2,818	8,460	28,617
Ford	EVEREST	2,530	3,467	959	8,999	20,720
	Other/Not stated	400	109	921	1,263	4,863
	Total	2,930	3,576	1,880	10,262	25,583
Haval	JOLION	1,310	822	920	4,567	12,837
	H6	1,199	1,214	774	4,432	13,651
	Other/Not stated	0	0	0	0	1
	Total	2,509	2,036	1,694	8,999	26,489
Audi	Q3	557	790	285	2,367	5,185
	Q5	514	271	252	1,154	3,269
	RS3	508	372	94	1,499	4,031
	Q2	324	66	73	555	1,744
	Other/Not stated	325	378	315	1,384	5,333
	Total	2,228	1,877	1,019	6,959	19,562
Volkswagen	T-ROC	755	752	649	2,686	9,384
	TIGUAN	627	748	1,214	3,289	11,860
	POLO	395	75	68	661	1,767
	GOLF	132	70	89	319	3,482
	Other/Not stated	172	99	809	575	5,283
	Total	2,081	1,744	2,829	7,530	31,776
Mercedes-Benz	177	308	196	153	728	2,196
	206	280	189	192	797	2,065
	X254	204	396	4	1,068	3,577
	X247	188	52	171	404	967
	V167	180	133	248	551	2,506
	H247	150	226	184	527	1,739
	H243	142	97	102	381	1,463
	Other/Not stated	544	408	936	1,765	7,563
	Total	1,996	1,697	1,990	6,221	22,076
Honda	ZR-V	698	1,119	32	3,020	6,373
	CR-V	644	881	887	3,124	7,461
	HR-V	229	740	59	1,846	3,799
	CIVIC	137	101	57	638	1,619
	FIT	106	86	17	382	1,003
	Other/Not stated	83	167	16	362	738
	Total	1,897	3,094	1,068	9,372	20,993
BYD	SEAL	1,515	909	0	3,866	4,873
	Other/Not stated	12	0	600	1,181	12,548
	Total	1,527	909	600	5,047	17,421
Suzuki	VITARA	237	225	17	815	2,552
	JIMNY	194	317	392	925	3,827
	SWIFT	181	395	671	1,996	6,678
	IGNIS	127	217	163	701	1,794
	Other/Not stated	669	887	56	2,970	3,973
	Total	1,408	2,041	1,299	7,407	18,824

(continued)

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

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
Volvo	X SERIES	197	172	704	842	5,989
	U SERIES	195	122	289	521	2,071
	XC90	102	54	239	236	1,169
	Z SERIES	47	20	58	83	386
	Other/Not stated	304	2	0	306	306
	<b>Total</b>	<b>845</b>	<b>370</b>	<b>1,290</b>	<b>1,988</b>	<b>9,921</b>
Lexus	RX AL3	159	319	699	800	2,558
	NX AZ2	136	484	1,575	1,301	5,832
	ES XZ1L	105	109	205	316	1,390
	UX ZA1	40	48	435	262	1,822
	Other/Not stated	346	255	173	1,073	2,716
	<b>Total</b>	<b>786</b>	<b>1,215</b>	<b>3,087</b>	<b>3,752</b>	<b>14,318</b>
Land Rover	DEFENDER	285	198	802	709	3,482
	RANGE ROVER	262	484	798	1,284	4,034
	DISCOVERY	51	107	90	293	888
	<b>Total</b>	<b>598</b>	<b>789</b>	<b>1,690</b>	<b>2,286</b>	<b>8,404</b>
Chery	OMODA 5	473	450	791	1,810	6,490
	TIGGO	60	611	0	1,381	3,375
	Other/Not stated	0	20	0	20	20
	<b>Total</b>	<b>533</b>	<b>1,081</b>	<b>791</b>	<b>3,211</b>	<b>9,885</b>
Mahindra	XUV700	531	0	0	1,594	3,660
	Other/Not stated	0	0	0	0	660
	<b>Total</b>	<b>531</b>	<b>0</b>	<b>0</b>	<b>1,594</b>	<b>4,320</b>
Tank	300	316	287	0	1,618	4,251
	Other/Not stated	209	153	0	373	374
	<b>Total</b>	<b>525</b>	<b>440</b>	<b>0</b>	<b>1,991</b>	<b>4,625</b>
All other makes	<b>Total</b>	<b>2,480</b>	<b>2,436</b>	<b>3,797</b>	<b>11,832</b>	<b>47,561</b>
<b>Total</b>	<b>Total</b>	<b>88,991</b>	<b>78,294</b>	<b>68,890</b>	<b>326,854</b>	<b>1,004,198</b>

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, April 2024**

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
Toyota	HILUX	6,980	8,450	5,710	29,666	99,597
	HIACE	1,142	409	991	4,349	10,915
	Other/Not stated	4	2	1	14	35
	Total	8,126	8,861	6,702	34,029	110,547
Ford	RANGER	6,929	6,728	3,923	26,661	78,341
	TRANSIT	414	312	391	1,556	3,221
	Other/Not stated	218	389	0	1,396	2,286
	Total	7,561	7,429	4,314	29,613	83,848
Isuzu	D-MAX	2,714	1,952	2,208	11,392	39,406
	Total	2,714	1,952	2,208	11,392	39,406
Mitsubishi	TRITON	244	140	391	1,246	16,897
	Other/Not stated	2,155	2,895	0	5,973	5,982
	Total	2,399	3,035	391	7,219	22,879
Nissan	NAVARA	1,683	847	423	4,594	15,456
	Other/Not stated	4	2	0	10	20
	Total	1,687	849	423	4,604	15,476
Volkswagen	TRANSPORTER	175	40	56	357	1,195
	CADDY	164	30	40	301	862
	Other/Not stated	1,085	435	573	3,731	11,035
	Total	1,424	505	669	4,389	13,092
LDV	T60	481	302	593	1,739	7,627
	G10	388	225	329	986	4,132
	V80	74	22	86	136	545
	Other/Not stated	0	5	3	5	9
	Total	943	554	1,011	2,866	12,313
Ssangyong	MUSSO	670	310	307	2,170	4,571
	Total	670	310	307	2,170	4,571
Great Wall	CANNON	576	523	695	2,506	8,336
	Other/Not stated	1	4	0	8	8
	Total	577	527	695	2,514	8,344
Hyundai	STARIA	395	580	158	1,739	3,248
	Total	395	580	158	1,739	3,248
RAM	DT	376	448	302	1,675	3,721
	Other/Not stated	5	0	266	5	1,283
	Total	381	448	568	1,680	5,004
Chevrolet	T1XCF_G	272	236	213	905	2,965
	Total	272	236	213	905	2,965
Mazda	BT-50	153	329	1,704	3,324	17,931
	Total	153	329	1,704	3,324	17,931
Suzuki	Other/Not stated	43	17	10	87	210
	Total	43	17	10	87	210
Mercedes-Benz	VITO	40	21	117	119	598
	Other/Not stated	0	1	0	6	32
	Total	40	22	117	125	630
Jeep	GLADIATOR	36	6	6	67	342
	Total	36	6	6	67	342
Renault	TRAFIC	13	84	68	405	1,515
	Other/Not stated	21	58	0	96	104
	Total	34	142	68	501	1,619
Peugeot	EXPERT	29	65	53	181	465
	Other/Not stated	1	70	101	166	782
	Total	30	135	154	347	1,247
Daihatsu	HIJET	24	20	0	107	246
	Total	24	20	0	107	246

(continued)

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

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
Honda	ACTY	1	1	0	4	6
	Total	1	1	0	4	6
All other makes	Total	0	9	5	13	38
Total	Total	27,510	25,967	19,723	107,695	343,962

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, April 2024**

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
Toyota	LANDCRUISER	1,350	978	829	4,847	18,258
	HILUX	115	72	68	356	1,041
	Other/Not stated	78	28	5	219	408
	Total	1,543	1,078	902	5,422	19,707
Isuzu	NPR	325	419	187	1,347	3,741
	NLR	220	193	66	728	1,883
	FRR	108	147	104	556	1,311
	D-MAX	90	82	35	346	872
	NNR	77	58	111	279	1,241
	NQR	48	79	46	270	729
	Other/Not stated	47	43	39	167	491
	Total	915	1,021	588	3,693	10,268
Ford	TRANSIT	510	85	115	985	1,372
	RANGER	242	204	100	836	1,887
	Other/Not stated	41	24	0	109	202
	Total	793	313	215	1,930	3,461
Mercedes-Benz	SPRINTER	459	441	443	2,026	5,148
	Other/Not stated	8	7	2	20	26
	Total	467	448	445	2,046	5,174
LDV	DELIVER 9	328	255	256	1,127	4,604
	Other/Not stated	18	21	0	102	106
	Total	346	276	256	1,229	4,710
Fiat	DUCATO	300	250	139	1,190	3,268
	Other/Not stated	19	1	0	21	21
	Total	319	251	139	1,211	3,289
Renault	MASTER	277	226	31	975	2,756
	Other/Not stated	0	0	0	1	5
	Total	277	226	31	976	2,761
Hino	300	181	201	383	1,000	2,832
	FD SERIES	44	21	61	120	398
	FC SERIES	28	13	35	85	328
	Other/Not stated	10	3	13	35	63
	Total	263	238	492	1,240	3,621
IVECO	DAILY	202	105	66	685	2,155
	Other/Not stated	38	50	10	144	250
	Total	240	155	76	829	2,405
Fuso	CANTER	158	292	262	804	2,540
	FIGHTER	54	43	54	207	477
	Other/Not stated	1	6	0	19	125
	Total	213	341	316	1,030	3,142
Chevrolet	T1XCH1	75	115	58	391	1,029
	T1XCH2	30	37	37	132	344
	Other/Not stated	15	19	0	48	113
	Total	120	171	95	571	1,486
Volkswagen	CRAFTER	114	29	108	324	1,000
	Other/Not stated	2	2	3	5	17
	Total	116	31	111	329	1,017
Dodge	RAM D1	95	88	80	379	1,289
	RAM DX	9	17	10	27	110
	Other/Not stated	1	0	0	1	10
	Total	105	105	90	407	1,409
RAM	1500 TRX	30	23	32	103	381
	Other/Not stated	13	23	19	85	279
	Total	43	46	51	188	660

(continued)



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

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
Hyundai	QT-2	14	7	5	36	103
	QT-1	14	15	7	40	122
	QT-3	5	4	3	22	70
	Other/Not stated	3	1	0	31	43
	Total	36	27	15	129	338
Ineos	GRENADIER	36	57	0	305	1,193
	Total	36	57	0	305	1,193
Mazda	BT-50	20	24	14	85	269
	Total	20	24	14	85	269
Nissan	PATROL	19	14	26	73	311
	Total	19	14	26	73	311
Sea Electric	300 85	11	0	0	11	20
	Other/Not stated	0	0	0	0	0
	Total	11	0	0	11	20
MAN	TGL	3	0	0	3	9
	Other/Not stated	0	0	0	1	1
	Total	3	0	0	4	10
All other makes	Total	3	47	26	170	393
Total	Total	5,888	4,869	3,888	21,878	65,644

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, April 2024**

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
Kenworth	T610	80	86	37	312	1,053
	K220	74	53	0	210	351
	T909	67	67	34	238	749
	T659	37	34	15	120	381
	W900	26	27	8	105	363
	Other/Not stated	77	75	91	347	1,632
	Total	361	342	185	1,332	4,529
Isuzu	FSR	107	117	88	455	1,151
	FVZ	64	92	38	264	826
	FYH	58	90	46	260	714
	FXZ	45	79	25	199	498
	FVR	33	61	27	164	369
	FVM	22	48	26	139	558
	Other/Not stated	22	22	25	100	422
Total	351	509	275	1,581	4,538	
Volvo	FM SERIES	120	128	181	412	1,285
	FH SERIES	106	138	112	459	1,772
	FE SERIES	46	37	46	138	439
	Other/Not stated	32	35	25	190	417
	Total	304	338	364	1,199	3,913
Hino	FE SERIES	75	35	90	182	645
	FM SERIES	50	36	25	160	285
	GT SERIES	38	12	12	70	153
	FG SERIES	35	38	17	122	276
	FS SERIES	15	22	9	80	158
	Other/Not stated	47	67	55	203	566
	Total	260	210	208	817	2,083
Scania	R SERIES	90	78	69	265	665
	G SERIES	64	69	23	174	516
	P SERIES	47	20	20	115	369
	Other/Not stated	8	0	0	19	33
	Total	209	167	112	573	1,583
DAF	CF17	80	21	100	248	867
	XF17	42	10	46	82	178
	Other/Not stated	18	16	3	69	129
	Total	140	47	149	399	1,174
Mercedes-Benz	96X	118	124	71	501	1,385
	Other/Not stated	11	14	13	52	121
	Total	129	138	84	553	1,506
UD	CWB	48	14	5	112	254
	CGB	26	19	8	85	267
	GWB	16	21	19	103	473
	CDB	16	12	0	43	111
	Other/Not stated	5	5	2	43	195
	Total	111	71	34	386	1,300
Fuso	FIGHTER	48	46	43	202	510
	FV SERIES	44	30	42	203	680
	Other/Not stated	3	11	11	55	151
	Total	95	87	96	460	1,341
Mack	ANTHEM	26	32	30	126	329
	TRIDENT	20	23	10	84	286
	SUPERLINER	12	35	23	127	434
	METROLINER	7	10	21	36	165
	Other/Not stated	0	1	0	2	3
	Total	65	101	84	375	1,217

(continued)

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

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
MAN	TGA	42	19	7	146	491
	TG4	3	4	0	19	20
	Other/Not stated	15	9	0	47	172
	Total	60	32	7	212	683
IVECO	S-WAY	23	22	21	172	383
	ACCO	13	0	0	29	31
	EUROCARGO	6	3	2	32	141
	Other/Not stated	2	4	1	34	88
	Total	44	29	24	267	643
Western Star	X-SERIES	34	51	0	161	321
	Other/Not stated	5	7	0	16	23
	Total	39	58	0	177	344
Sinotruk	T5G	21	11	11	111	304
	Other/Not stated	0	20	0	64	183
	Total	21	31	11	175	487
Freightliner	CASCADIA	18	43	39	138	399
	Total	18	43	39	138	399
All other makes	Total	44	107	94	275	1,151
Total	Total	2,251	2,310	1,766	8,919	26,891

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, April 2024**

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
Toyota	COMMUTER	160	56	320	469	2,296
	COASTER	62	18	27	105	331
	Total	222	74	347	574	2,627
LDV	DELIVER 9	69	44	3	181	456
	Total	69	44	3	181	456
Ford	TRANSIT	51	4	0	70	70
	Total	51	4	0	70	70
Volgren	2 AXLE OMNIBUS	49	42	24	154	409
	Other/Not stated	0	2	1	4	15
	Total	49	44	25	158	424
Irizar	COACH	18	18	11	87	202
	Total	18	18	11	87	202
Yutong	ZK6772D	6	12	5	47	125
	ZK6137	6	16	2	37	52
	ZK6938H	2	0	0	10	29
	ZK6129HCA	1	3	3	19	47
	Other/Not stated	2	0	0	4	5
	Total	17	31	10	117	258
Isuzu	NQR	16	5	1	31	36
	NPS	1	0	0	7	35
	Other/Not stated	0	4	0	6	17
	Total	17	9	1	44	88
Mercedes-Benz	SPRINTER	12	13	5	44	80
	AROCS	2	0	0	3	5
	Other/Not stated	0	1	0	1	3
	Total	14	14	5	48	88
Custom Bus	ELEMENT	7	6	7	18	61
	PHOENIX	2	0	5	3	5
	METRO	2	4	3	11	46
	Total	11	10	15	32	112
Fuso	ROSA	10	20	17	92	318
	Total	10	20	17	92	318
King Long	6120BS	7	5	0	25	55
	Other/Not stated	0	1	1	21	63
	Total	7	6	1	46	118
BCI	PK6127A	6	6	1	27	77
	Other/Not stated	0	2	2	20	58
	Total	6	8	3	47	135
Joylong	HKL SERIES	5	0	0	5	10
	Total	5	0	0	5	10
Bonluck	Other/Not stated	4	0	3	15	29
	Total	4	0	3	15	29
Hess	BGGT-N2D	4	2	0	14	14
	Total	4	2	0	14	14
Guangtong	Other/Not stated	3	0	5	12	20
	Total	3	0	5	12	20
Norden	COMMUTER	3	3	0	6	19
	Total	3	3	0	6	19
Coach Concepts	EXPLORER	3	2	2	10	22
	Total	3	2	2	10	22
Coach Design	COLT	1	0	1	5	19
	Total	1	0	1	5	19
MAN	Other/Not stated	1	0	0	2	8
	Total	1	0	0	2	8

(continued)

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

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
All other makes	Total	1	13	12	61	169
Total	Total	516	302	461	1,626	5,206

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, April 2024**

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
Honda	NSC110	384	0	288	816	2,304
	WW125	160	0	160	200	280
	XL750	128	33	0	199	634
	CRF1100	120	0	0	120	437
	CMX500	96	32	115	352	815
	CBF125	96	96	0	672	1,392
	CL500	60	0	0	60	480
	Other/Not stated	118	412	234	1,292	4,821
	<b>Total</b>	<b>1,162</b>	<b>573</b>	<b>797</b>	<b>3,711</b>	<b>11,163</b>
KTM	2T-EXC	259	0	12	259	1,526
	4T-EXC	226	1	245	228	2,348
	ADVENTURE	181	32	107	214	1,952
	690 LC4 SERIES	86	0	47	86	303
	IS DUKE	84	85	0	211	799
	Other/Not stated	58	32	56	94	547
	<b>Total</b>	<b>894</b>	<b>150</b>	<b>467</b>	<b>1,092</b>	<b>7,475</b>
Harley-Davidson	CRU SERIES	466	347	593	1,011	2,930
	FLH SERIES	110	133	56	522	1,119
	Other/Not stated	264	246	34	607	1,133
	<b>Total</b>	<b>840</b>	<b>726</b>	<b>683</b>	<b>2,140</b>	<b>5,182</b>
Yamaha	SEH2	191	192	32	607	825
	GPD150	120	160	0	320	680
	YZF	89	76	103	272	1,102
	MTN890	76	131	27	207	637
	YZF155	45	0	0	80	170
	YZF320	40	0	16	196	682
	CZD300	40	80	100	160	380
	Other/Not stated	91	171	431	835	5,382
<b>Total</b>	<b>692</b>	<b>810</b>	<b>709</b>	<b>2,677</b>	<b>9,858</b>	
Royal Enfield	CNEX	114	52	154	307	1,055
	J1	84	48	28	218	413
	Other/Not stated	264	28	12	295	338
	<b>Total</b>	<b>462</b>	<b>128</b>	<b>194</b>	<b>820</b>	<b>1,806</b>
CFMoto	CF400	158	62	128	470	885
	CF125	128	0	0	225	226
	CF800	60	57	0	215	444
	CF700	24	0	0	24	58
	Other/Not stated	50	40	122	174	426
	<b>Total</b>	<b>420</b>	<b>159</b>	<b>250</b>	<b>1,108</b>	<b>2,039</b>
Triumph	DF01	43	8	3	59	89
	DU SERIES	38	1	12	40	59
	PV SERIES	25	13	0	106	110
	H801	25	12	31	64	229
	ROCKET III	22	55	0	77	99
	Other/Not stated	263	264	104	1,120	1,892
	<b>Total</b>	<b>416</b>	<b>353</b>	<b>150</b>	<b>1,466</b>	<b>2,478</b>
Kawasaki	EX400	234	283	45	546	1,385
	ZR900	53	38	78	181	458
	KL650	44	77	83	204	553
	KLX250	20	10	18	52	116
	Other/Not stated	33	327	277	1,175	2,872
	<b>Total</b>	<b>384</b>	<b>735</b>	<b>501</b>	<b>2,158</b>	<b>5,384</b>
BMW	K50	50	39	90	201	825
	K8X	48	111	33	210	489
	S1000	43	57	67	244	659
	G310	28	12	19	90	288
	Other/Not stated	136	80	35	506	1,004
	<b>Total</b>	<b>305</b>	<b>299</b>	<b>244</b>	<b>1,251</b>	<b>3,265</b>

(continued)

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

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
Suzuki	DR-Z400	83	58	36	197	523
	GSX800	65	4	1	91	231
	GSX-S1000	50	12	0	86	283
	UK110	34	30	22	150	924
	Other/Not stated	70	87	114	453	1,633
	Total	302	191	173	977	3,594
Husqvarna	FE	115	52	2	168	950
	PILEN SERIES	84	0	74	84	442
	TE	59	33	46	92	496
	N SERIES	36	0	50	36	406
	Other/Not stated	1	73	39	74	295
	Total	295	158	211	454	2,589
GASGAS	EC SERIES	245	28	0	304	701
	Other/Not stated	0	0	0	0	151
	Total	245	28	0	304	852
Ducati	3F	39	0	24	39	154
	PANIGALE	37	0	11	45	247
	HYPERMOTARD	22	0	18	22	54
	4M	22	0	30	30	104
	3D	14	0	0	21	153
	1X	14	0	30	14	157
	Other/Not stated	83	1	76	141	646
	Total	231	1	189	312	1,515
Indian	FTR	108	40	0	157	329
	TYPE D CHIEF	24	104	6	128	613
	Other/Not stated	11	30	88	75	692
	Total	143	174	94	360	1,634
Longjia	LJ50QT	30	0	0	134	194
	ESTATE 50	20	0	0	20	87
	Other/Not stated	50	0	0	50	73
	Total	100	0	0	204	354
Vespa	Other/Not stated	68	108	0	234	755
	Total	68	108	0	234	755
Sym	SYMPHONY	16	20	0	48	69
	CROX 50	16	8	0	47	113
	CLASSIC	16	18	0	63	110
	Other/Not stated	0	3	0	32	100
	Total	48	49	0	190	392
Lambretta	Other/Not stated	33	1	0	34	138
	Total	33	1	0	34	138
Aprilia	TUAREG 660	16	14	0	73	158
	Other/Not stated	5	0	0	18	263
	Total	21	14	0	91	421
Kymco	DT SERIES	8	0	0	18	46
	AK SERIES	4	0	0	16	32
	Other/Not stated	0	0	108	602	2,185
	Total	12	0	108	636	2,263
All other makes	Total	85	303	406	799	3,864
Total	Total	7,158	4,960	5,176	21,018	67,021

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, April 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	
Apr 2024	1,521	263	35	27	0	324	41	10	543	2,764
Mar 2024	1,531	186	24	82	0	282	42	17	435	2,599
Feb 2024	1,654	301	31	67	0	350	59	19	578	3,059
Jan 2024	1,349	273	38	24	0	330	49	8	594	2,665
Dec 2023	1,386	259	30	24	0	323	63	13	487	2,585
Nov 2023	1,522	371	31	4	0	366	73	21	646	3,034
Oct 2023	1,383	331	19	3	0	300	52	12	706	2,806
Sep 2023	1,163	368	18	45	0	408	92	14	1,103	3,211
Aug 2023	1,476	185	18	13	0	321	70	14	1,183	3,280
Jul 2023	905	77	12	426	1	128	15	10	966	2,540
Jun 2023	803	39	11	196	0	235	8	17	2,814	4,123
May 2023	701	16	0	3	0	51	3	5	837	1,616
Apr 2023	455	24	15	91	0	23	1	9	543	1,161
Mar 2023	441	16	5	5	0	16	3	3	640	1,129
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

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.



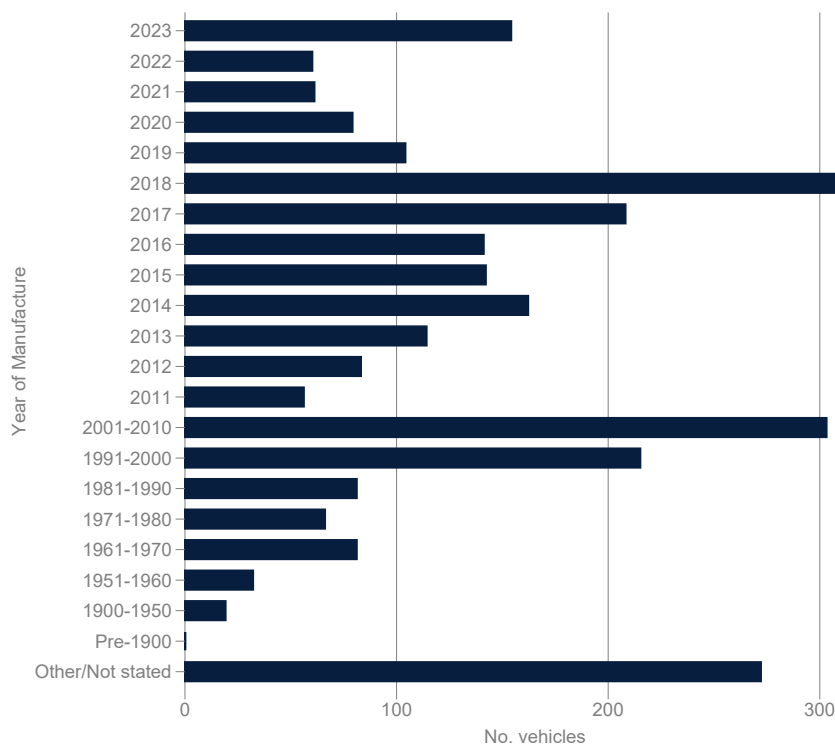
**Table 19 Concessional approval RAV entries, by vehicle build year, April 2024**

Year of Manufacture	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
2023	154	189	97	957	3,642
2022	60	65	51	255	1,184
2021	61	55	30	226	807
2020	79	78	20	279	679
2019	104	81	27	350	882
2018	331	355	63	1,397	3,129
2017	208	184	116	747	2,679
2016	141	142	41	568	1,494
2015	142	108	68	519	1,553
2014	162	150	52	647	1,892
2013	114	127	47	492	1,340
2012	83	102	55	401	1,422
2011	56	52	46	241	763
2001-2010	303	324	231	1,360	4,751
1991-2000	215	154	105	805	2,916
1981-1990	81	71	29	325	1,222
1971-1980	66	47	35	295	1,260
1961-1970	81	38	23	254	1,000
1951-1960	32	25	14	119	509
1900-1950	19	9	11	69	366
Pre-1900	0	1	0	2	6
Other/Not stated	272	242	0	779	786
Total	2,764	2,599	1,161	11,087	34,282

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, April 2024**

Sources: RAV and BITRE estimates.

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

Month	SEV approval criterion							Total
	Camper-vans and Motor-homes	Environmental	Left-Hand Drive	Mobility	Performance	Rarity	Not stated	
Apr 2024	266	1,073	38	210	230	2	0	1,819
Mar 2024	215	1,072	39	201	205	10	0	1,742
Feb 2024	241	1,105	41	330	262	7	0	1,986
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	481	2	125	204	6	5	842
May 2023	6	392	4	176	130	4	5	717
Apr 2023	3	259	0	109	98	2	2	473
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

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, April 2024

Month	Passenger vehicles	Light commercial vehicles	Medium goods vehicles	Heavy goods vehicles	Buses	Not stated	Total
Apr 2024	394	2,628	1,245	173	30	0	4,470
Mar 2024	557	2,742	1,165	139	24	0	4,627
Feb 2024	551	3,308	1,251	147	30	0	5,287
Jan 2024	267	2,941	846	170	25	0	4,249
Dec 2023	173	2,773	1,070	108	22	0	4,146
Nov 2023	234	3,031	1,237	155	29	0	4,686
Oct 2023	141	3,570	1,298	139	23	1	5,172
Sep 2023	130	5,542	1,043	42	21	0	6,778
Aug 2023	166	3,908	1,293	40	39	0	5,446
Jul 2023	119	3,013	971	30	37	0	4,170
Jun 2023	152	2,836	1,088	20	22	0	4,118
May 2023	143	3,043	998	29	32	0	4,245
Apr 2023	82	2,259	657	6	19	0	3,023
Mar 2023	117	3,144	764	54	15	0	4,094
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	1,993	615	50	16	0	2,744
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

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, April 2024**

Make	Model	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
Toyota	HILUX	2,146	2,399	1,920	9,715	33,164
	LANDCRUISER	321	361	118	1,291	4,234
	HIACE	13	13	13	49	163
	Other/Not stated	26	30	38	142	535
	Total	2,506	2,803	2,089	11,197	38,096
Nissan	PATROL	297	437	26	1,318	1,744
	NAVARA	182	97	196	794	2,674
	Other/Not stated	0	1	0	1	1
	Total	479	535	222	2,113	4,419
Ford	RANGER	443	372	194	1,573	3,736
	Other/Not stated	22	21	0	82	128
	Total	465	393	194	1,655	3,864
Isuzu	D-MAX	169	123	93	644	1,899
	MU-X	30	46	30	158	406
	NPS	29	18	21	86	312
	NQR	17	7	2	41	71
	FVZ	11	7	2	36	95
	NH NP	10	9	4	34	67
	Other/Not stated	6	8	1	22	43
	Total	272	218	153	1,021	2,893
Mercedes-Benz	SPRINTER	121	151	125	434	1,508
	96X	26	19	0	60	94
	Other/Not stated	6	0	0	10	22
	Total	153	170	125	504	1,624
Mazda	BT-50	118	99	51	350	950
	Total	118	99	51	350	950
Fiat	DUCATO	91	114	78	474	1,393
	Other/Not stated	19	1	0	21	21
	Total	110	115	78	495	1,414
IVECO	DAILY	37	23	29	87	301
	Other/Not stated	39	55	10	154	262
	Total	76	78	39	241	563
Renault	MASTER	63	17	0	130	514
	Other/Not stated	1	3	0	9	21
	Total	64	20	0	139	535
Volvo	Other/Not stated	31	33	0	186	378
	Total	31	33	0	186	378
All other makes	Total	196	163	72	732	2,658
Total	Total	4,470	4,627	3,023	18,633	57,394

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, April 2024<sup>a</sup>**

Rank	Make	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
1	Jayco	585	658	763	2,459	9,667
2	Market Direct Campers	181	180	0	702	2,622
3	Austrack Campers	180	308	0	1,122	2,711
4	Crusader Caravans	171	180	0	661	1,767
5	Ezytrail	133	201	50	654	2,208
6	Regent RV Pty Ltd	128	234	378	864	3,140
7	Network RV	87	71	0	308	1,198
8	Great Aussie Caravans	82	36	0	119	329
9	Essential Caravans	69	73	81	286	1,312
10	Supreme	65	63	0	261	900
11	Leader	56	71	0	215	793
12	New Age Caravans	56	120	0	392	1,461
13	Stoney Creek Campers	56	81	35	302	1,080
14	Avan	54	52	0	234	713
15	Zone RV	48	45	0	178	412
16	Design RV	47	56	0	192	835
17	Urban Caravans	47	65	0	144	463
18	Lotus Caravans	45	71	0	175	629
19	Adventure Kings	44	60	54	207	655
20	Arctic Campers	40	21	0	121	130
21	Other makes	1,211	1,642	156	5,005	18,558
Total	-	3,385	4,288	1,517	14,601	51,583

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, April 2024<sup>a</sup>**

Tare weight	Apr 2024	Mar 2024	Apr 2023	Year to date	Last 12 months
<= 500kg	29	49	2	150	485
500-1000kg	105	162	56	514	1,620
1000-1500kg	329	333	260	1,387	5,136
1500-2000kg	501	580	251	2,184	8,026
2000-2500kg	1,324	1,840	621	6,071	20,810
2500-3000kg	989	1,193	299	3,900	14,123
3000-5000kg	108	129	28	393	1,369
> 5000kg	0	1	0	1	12
Not stated	0	1	0	1	2
Total	3,385	4,288	1,517	14,601	51,583

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.

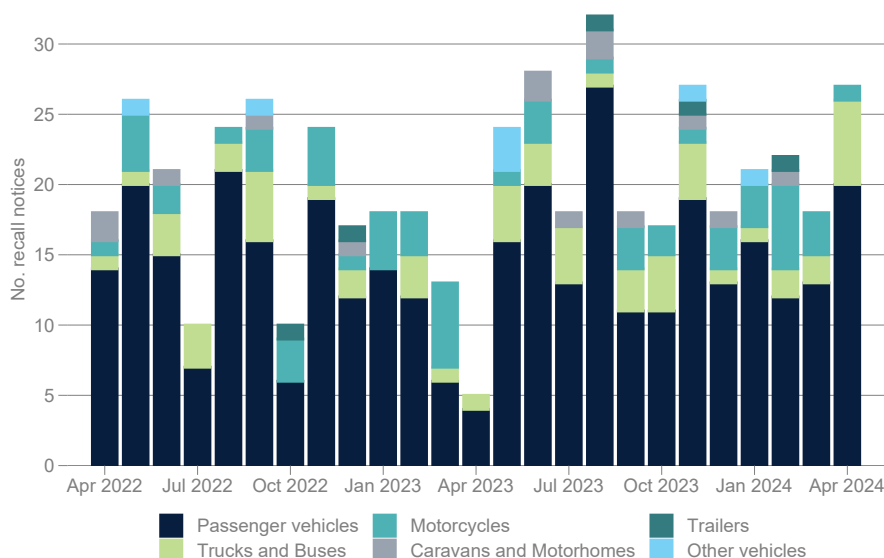
# Vehicle recalls

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

Month	Recall notice vehicle category						Total
	Passenger vehicles	Trucks and buses	Motorcycles	Caravans and motorhomes	Trailers	Other vehicles	
Apr 2024	20	6	1	0	0	0	27
Mar 2024	13	2	3	0	0	0	18
Feb 2024	12	2	6	1	1	0	22
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

Sources: ROVER and BITRE estimates.

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



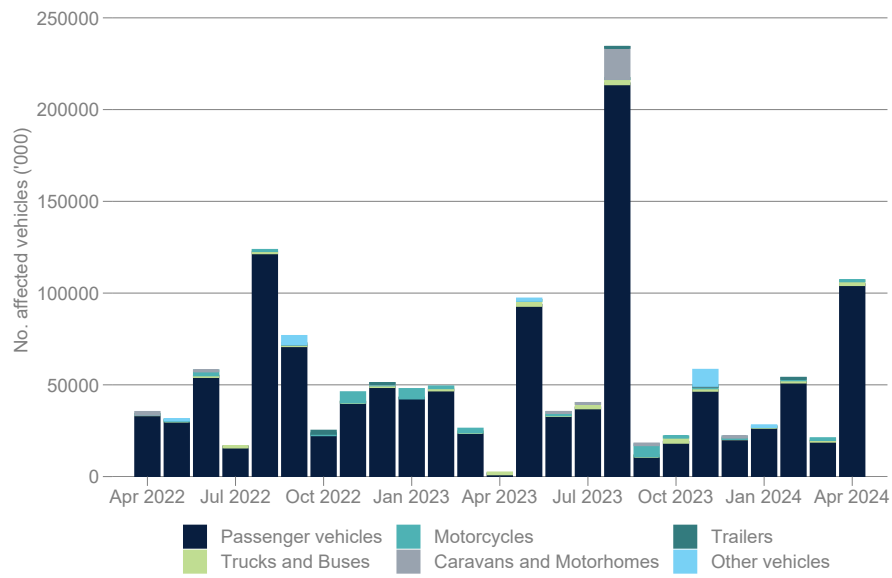
Sources: DITRDCA ROVER and BITRE estimates.

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

Month	Recall notice vehicle category						Total
	Passenger vehicles	Trucks and buses	Motorcycles	Caravans and motorhomes	Trailers	Other vehicles	
Apr 2024	104,603	2,045	200	0	0	0	106,848
Mar 2024	19,247	913	535	0	0	0	20,695
Feb 2024	51,482	1,210	765	26	128	0	53,611
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

Sources: ROVER and BITRE estimates.

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



Sources: DITRDCA ROVER and BITRE estimates.



# 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 webpage<sup>6</sup> 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 pathway<sup>7</sup>

## 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)

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

<sup>7</sup> 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



# References

- Bureau of Infrastructure and Transport Research Economics 2023, *Road Vehicles Australia, January 2023*, Statistical Report, URL: <https://www.bitre.gov.au/publications/2023/road-vehicles-australia-january-2023>, Accessed: 28 June 2023.
- Department of Infrastructure, Transport, Regional Development, Communications and the Arts, *Guidance Note - When are road vehicles on the RAV considered to be provided to consumers for the first time?* URL: <https://www.infrastructure.gov.au/department/media/publications/guidance-note-when-are-road-vehicles-rav-considered-be-provided-consumers-first-time>, Accessed: 11 Jan. 2023.
- *Guide to concessional RAV entry approvals*, URL: [https://www.infrastructure.gov.au/sites/default/files/documents/guide\\_to\\_concessional\\_rav\\_entry\\_approvals.pdf](https://www.infrastructure.gov.au/sites/default/files/documents/guide_to_concessional_rav_entry_approvals.pdf), Accessed: 30 Apr. 2023.