



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

June 2024



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June 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.

**Marcia Keegan**

A/g Head of Bureau  
Bureau of Infrastructure and Transport Research Economics  
July 2024

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# Highlights – June 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 June 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 123,342 road vehicles entered on the RAV in June 2024, 14.5 per cent lower than total entries in May 2024 (i.e. 144,227 vehicles).<sup>1</sup>
- There were 120,370 type approval vehicles entered in June 2024, 14.7 per cent lower than total type approved vehicles entries in May 2024 (i.e. 141,080 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 2,972 vehicles in the month of June 2024, 5.6 per cent lower than concessional RAV approval entries in May 2024 (i.e. 3,147 vehicles).

## Type approval RAV entries by vehicle category

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

- 78,373 passenger vehicle RAV entries, 10.8 per cent lower than in May 2024
- 17,986 light commercial vehicle (LCV) RAV entries, 23.7 per cent lower than in May 2024
- 4,178 medium goods vehicle RAV entries, 10.9 per cent lower than in May 2024
- 1,862 heavy goods vehicle RAV entries, 17.9 per cent lower than in May 2024
- 635 bus RAV entries, 21.1 per cent lower than in May 2024, and
- 3,026 motorcycle RAV entries, 53.8 per cent lower than in May 2024.

## Type approval RAV entries by vehicle make

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

- Passenger vehicles: Toyota, Mazda, Kia, Hyundai and Subaru
- Light commercial vehicles: Toyota, Ford, Mazda, Isuzu and Mitsubishi
- Medium goods vehicles: Toyota, Isuzu, Mercedes-Benz, Fiat and Hino
- Heavy goods vehicles: Kenworth, Isuzu, Volvo, Hino and Scania
- Buses: Toyota, Volgren, Yutong, BCI and Fuso
- Motorcycles: Yamaha, Harley-Davidson, BMW, Kawasaki and Honda.

## Concessional RAV entry approval vehicles

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

- 1,563 passenger vehicles
- 287 LCVs
- 86 medium goods vehicles
- 83 heavy goods vehicles, and
- 336 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 1,936 specialist and enthusiast vehicles (SEVs) entries on the RAV in June 2024.
- There were 1,095 SEV RAV entries in June 2024 under environmental criterion.

## Second stage of manufacture (SSM) RAV entries

- There were 4,048 SSM RAV entries in June 2024, comprising:
  - 2,136 light commercial vehicles
  - 1,340 medium goods vehicles
  - 395 passenger vehicles, and
  - 177 other vehicles.

## Type approval RAV entries by trailer category

In the month of June 2024 there were:

- 12,216 type approved light trailer RAV entries
- 563 type approved medium trailer RAV entries, and
- 1,531 type approved heavy trailer RAV entries.

Type approved trailer RAV entries included approximately 3,375 caravans and camper trailers in the month of June 2024.<sup>2</sup>

## Vehicle recall notices

- In June 2024 there were 24 recall notices published on the Department's website, covering approximately 7,806 vehicles.
- As at 30 June 2024 there were 5,038 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 – 3,297 notices (covering 19,030,943 vehicles)
  - Trucks and buses – 797 notices (covering 561,017 vehicles)
  - Motorcycles – 805 notices (covering 491,119 vehicles)
  - Caravans/motorhomes – 71 notices (covering 44,936 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 June 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, June 2024<sup>a</sup>**

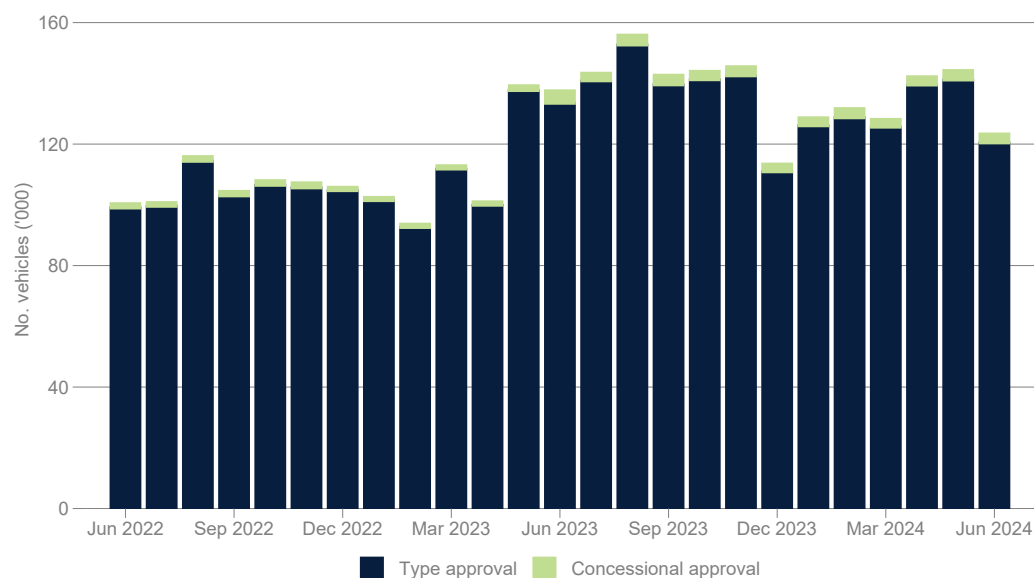
Month <sup>b</sup>	Approval category		Total <sup>c</sup>
	Type approval	Concessional approval	
Jun 2024	120,370	2,972	123,342
May 2024	141,080	3,147	144,227
Apr 2024	139,430	2,756	142,186
Mar 2024	125,557	2,598	128,155
Feb 2024	128,636	3,059	131,695
Jan 2024	126,007	2,664	128,671
Dec 2023	110,855	2,584	113,439
Nov 2023	142,454	3,034	145,488
Oct 2023	141,165	2,806	143,971
Sep 2023	139,483	3,210	142,693
Aug 2023	152,605	3,280	155,885
Jul 2023	140,808	2,538	143,346
Jun 2023	133,424	4,123	137,547
May 2023	137,608	1,616	139,224
Apr 2023	99,850	1,161	101,011
Mar 2023	111,767	1,129	112,896
Feb 2023	92,519	1,135	93,654
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	98,933	1,454	100,387

<sup>a</sup> Table may include revisions to previously published estimates arising from updates to the RAV to correct errors or remove entries.

<sup>b</sup> 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).

<sup>c</sup> Total excludes Second Stage of Manufacture vehicles.

Sources: RAV and BITRE estimates.

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

Note: Excludes Second Stage of Manufacture RAV entries.  
 Sources: RAV and BITRE estimates.



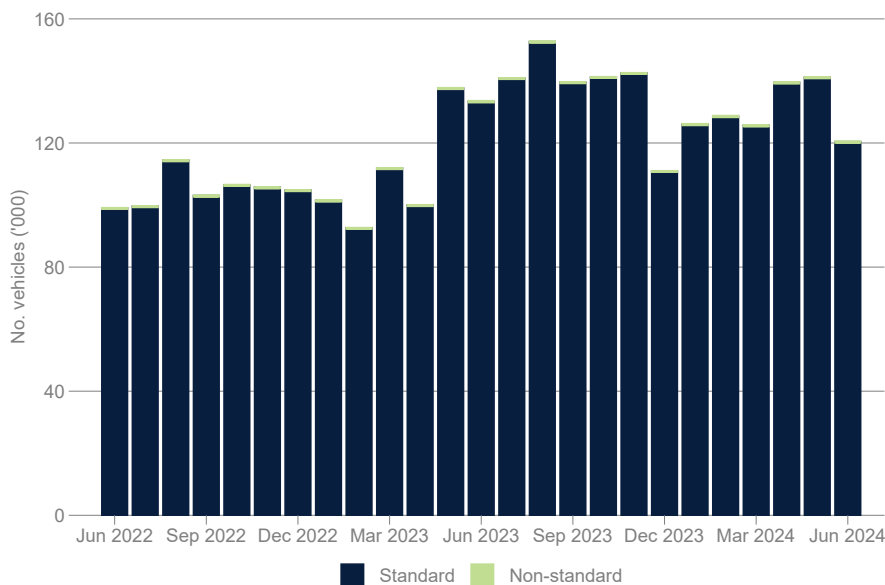
**Table 2 Type approval RAV vehicle entries, by entry pathway and month, June 2024<sup>a</sup>**

Month <sup>b</sup>	Type approvals			Total <sup>c</sup>
	Standard	Non-standard	SSM	
Jun 2024	120,222	148	4,048	120,370
May 2024	140,976	104	5,423	141,080
Apr 2024	139,310	120	4,416	139,430
Mar 2024	125,482	75	4,584	125,557
Feb 2024	128,444	192	5,244	128,636
Jan 2024	125,855	152	4,227	126,007
Dec 2023	110,794	61	4,138	110,855
Nov 2023	142,392	62	4,683	142,454
Oct 2023	141,088	77	5,159	141,165
Sep 2023	139,393	90	6,773	139,483
Aug 2023	152,474	131	5,438	152,605
Jul 2023	140,731	77	4,157	140,808
Jun 2023	133,198	226	4,099	133,424
May 2023	137,505	103	4,229	137,608
Apr 2023	99,783	67	3,022	99,850
Mar 2023	111,698	69	4,088	111,767
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	3,334	102,931
Aug 2022	114,239	71	2,396	114,310
Jul 2022	99,433	61	2,077	99,494
Jun 2022	98,876	57	2,495	98,933

<sup>a</sup> Table may include revisions to previously published estimates arising from updates to the RAV to correct errors or remove entries.

<sup>b</sup> 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).

<sup>c</sup> Total excludes Second Stage of Manufacture vehicles.  
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 vehicle entries, by entry pathway and month, June 2024<sup>a</sup>**

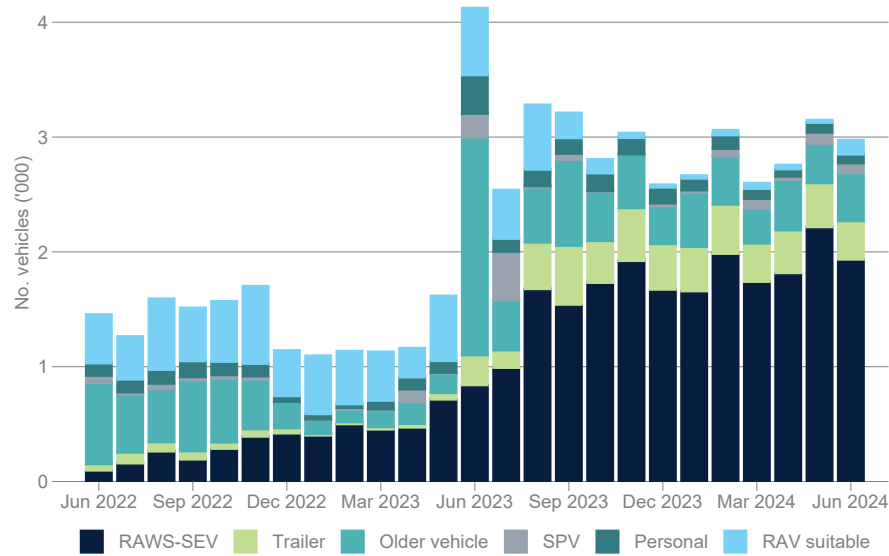
Month <sup>b</sup>	Concessional RAV entry approvals							Total <sup>d</sup>
	RAWS-SEV <sup>c</sup>	RAWS-SSM <sup>c</sup>	Trailer	Older vehicle	SPV <sup>c</sup>	Personal	RAV suitable	
Jun 2024	1,936	0	334	419	85	77	121	2,972
May 2024	2,218	0	383	344	96	86	20	3,147
Apr 2024	1,818	0	373	440	27	64	34	2,756
Mar 2024	1,742	0	334	300	88	88	46	2,598
Feb 2024	1,986	0	428	419	67	118	41	3,059
Jan 2024	1,660	0	386	469	24	102	23	2,664
Dec 2023	1,674	1	397	328	26	138	21	2,584
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	749	52	136	217	3,210
Aug 2023	1,679	1	405	478	13	144	561	3,280
Jul 2023	993	10	153	432	426	113	421	2,538
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	502	3	18	109	15	32	459	1,135
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

<sup>a</sup> Table may include revisions to previously published estimates arising from updates to the RAV to correct errors or remove entries.

<sup>b</sup> 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).

<sup>c</sup> RAWS: Registered Automotive Workshop Scheme; SSM: Second stage of manufacture; SEV: Specialist and Enthusiast Vehicle; SPV: Special Purpose Vehicle.

<sup>d</sup> Total excludes Second Stage of Manufacture vehicles.  
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.

## Type approval RAV entries by vehicle class

**Table 4 Type approval RAV entries, motor vehicles, by vehicle type and month, June 2024<sup>a</sup>**

Month <sup>b</sup>	Passenger vehicles	Light commercial vehicles	Medium goods vehicles	Heavy goods vehicles	Buses	Motorcycles	Total <sup>c</sup>
Jun 2024	78,373	17,986	4,178	1,862	635	3,026	106,060
May 2024	87,814	23,563	4,688	2,268	805	6,545	125,683
Apr 2024	87,077	24,619	4,608	2,051	486	7,157	125,998
Mar 2024	76,207	23,035	3,680	2,089	278	4,959	110,248
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	1,404	273	6,486	97,547
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	96,802	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	68,353	17,440	3,216	1,669	442	5,176	96,296
Mar 2023	73,349	20,966	4,284	1,959	359	6,910	107,827
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	2,089	297	4,651	97,624

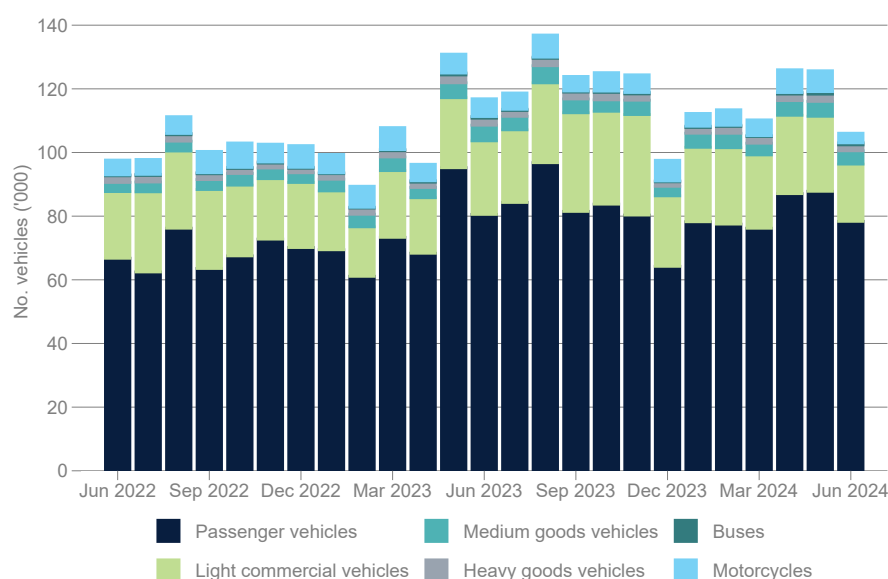
<sup>a</sup> Table may include revisions to previously published estimates arising from updates to the RAV to correct errors or remove entries.

<sup>b</sup> 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).

<sup>c</sup> Total excludes Second Stage of Manufacture vehicles.

Sources: RAV and BITRE estimates.

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



Sources: RAV and BITRE estimates.

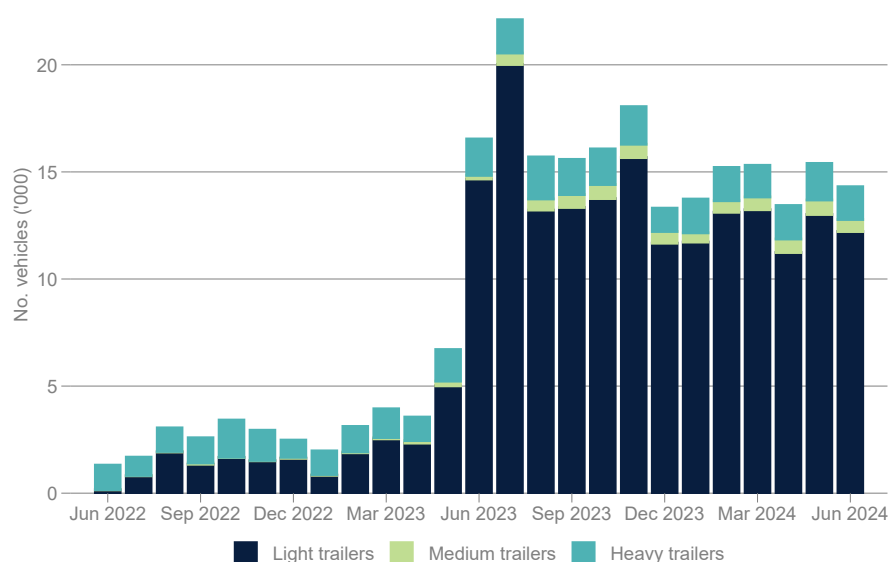
**Table 5 Type approval RAV entries, trailers, by vehicle type and month, June 2024<sup>a</sup>**

Month <sup>b</sup>	Light trailers	Medium trailers	Heavy trailers	Total <sup>c</sup>
Jun 2024	12,216	563	1,531	14,310
May 2024	13,012	677	1,708	15,397
Apr 2024	11,236	632	1,564	13,432
Mar 2024	13,235	596	1,478	15,309
Feb 2024	13,115	540	1,554	15,209
Jan 2024	11,724	431	1,578	13,733
Dec 2023	11,672	546	1,090	13,308
Nov 2023	15,668	625	1,756	18,049
Oct 2023	13,756	655	1,664	16,075
Sep 2023	13,340	602	1,643	15,585
Aug 2023	13,218	520	1,962	15,700
Jul 2023	20,015	536	1,556	22,107
Jun 2023	14,669	169	1,701	16,539
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

<sup>a</sup> Table may include revisions to previously published estimates arising from up-dates to the RAV to correct errors or remove entries.

<sup>b</sup> 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).

<sup>c</sup> Total excludes Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

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

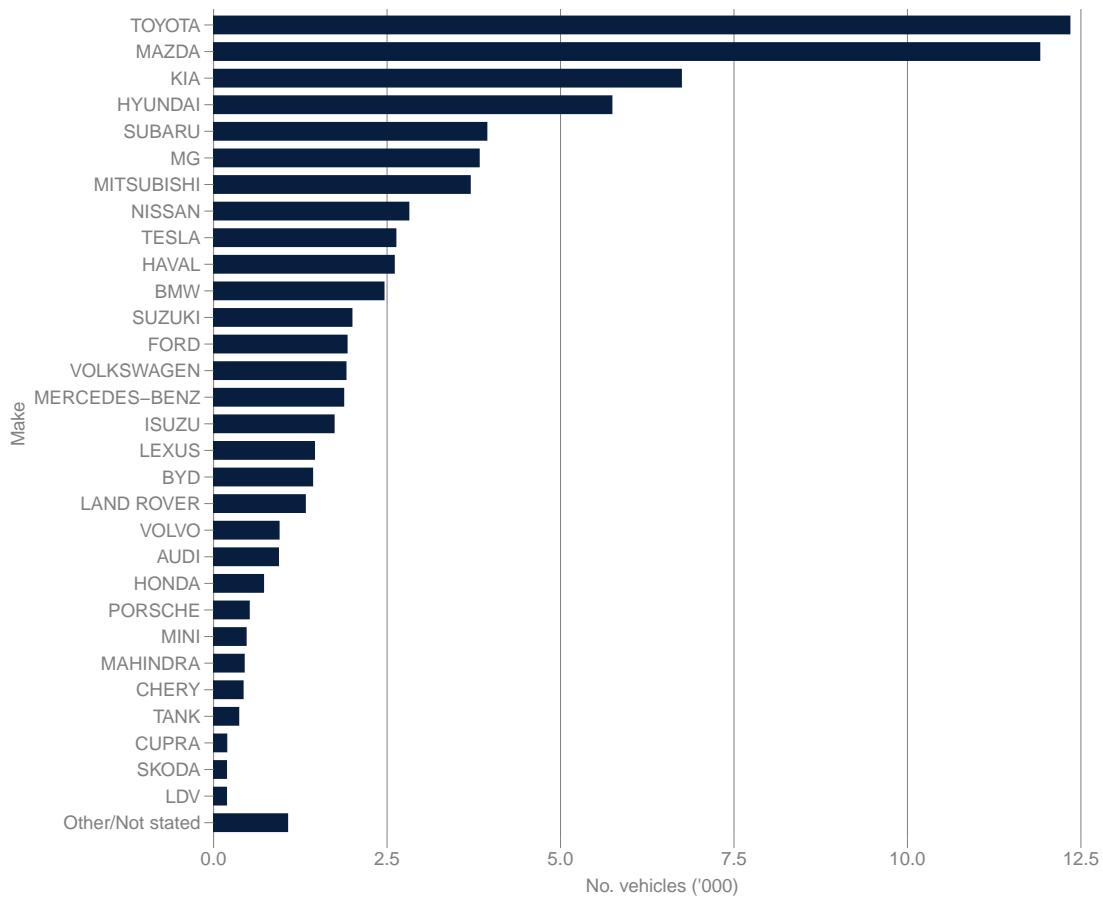
Sources: RAV and BITRE estimates.

## Type approval RAV entries by vehicle class and make

**Table 6** Type approval RAV entries, passenger vehicles, top 30 makes, June 2024<sup>a</sup>

Rank	Make	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
1	Toyota	12,328	15,442	12,130	81,372	163,222
2	Mazda	11,894	7,226	9,628	42,510	86,129
3	Kia	6,729	8,080	6,787	48,902	86,901
4	Hyundai	5,727	7,715	6,681	34,246	73,025
5	Subaru	3,925	2,898	4,992	20,766	44,998
6	MG	3,815	4,953	7,511	23,642	54,505
7	Mitsubishi	3,686	4,345	2,418	29,403	58,558
8	Nissan	2,801	3,077	2,683	17,344	41,951
9	Tesla	2,614	5,377	2,417	27,021	48,898
10	Haval	2,591	2,176	2,430	13,766	25,479
11	BMW	2,443	2,740	2,254	13,631	28,914
12	Suzuki	1,981	1,937	1,641	11,174	18,939
13	Ford	1,911	1,915	2,147	14,083	25,719
14	Volkswagen	1,895	2,433	2,492	11,827	28,915
15	Mercedes-Benz	1,862	2,304	2,456	10,252	21,282
16	Isuzu	1,724	1,936	1,203	14,438	21,764
17	Lexus	1,441	1,120	933	6,163	13,123
18	BYD	1,414	2,705	590	9,166	16,380
19	Land Rover	1,309	800	528	4,395	9,370
20	Volvo	931	1,222	1,301	4,141	9,225
21	Audi	922	1,712	1,189	9,568	18,591
22	Honda	707	660	651	10,074	19,502
23	Porsche	501	939	564	3,635	6,630
24	MINI	456	267	541	1,749	3,616
25	Mahindra	428	226	250	2,248	4,424
26	Chery	412	854	554	4,477	9,148
27	Tank	349	771	256	3,111	5,484
28	Cupra	177	280	387	1,242	3,430
29	LDV	173	284	591	1,155	3,223
30	Skoda	173	395	339	2,426	6,784
31	Other/Not stated	1,054	1,025	2,012	7,292	18,062
Total	-	78,373	87,814	80,556	485,219	976,191

<sup>a</sup> Figures exclude Concessional Approval and Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

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

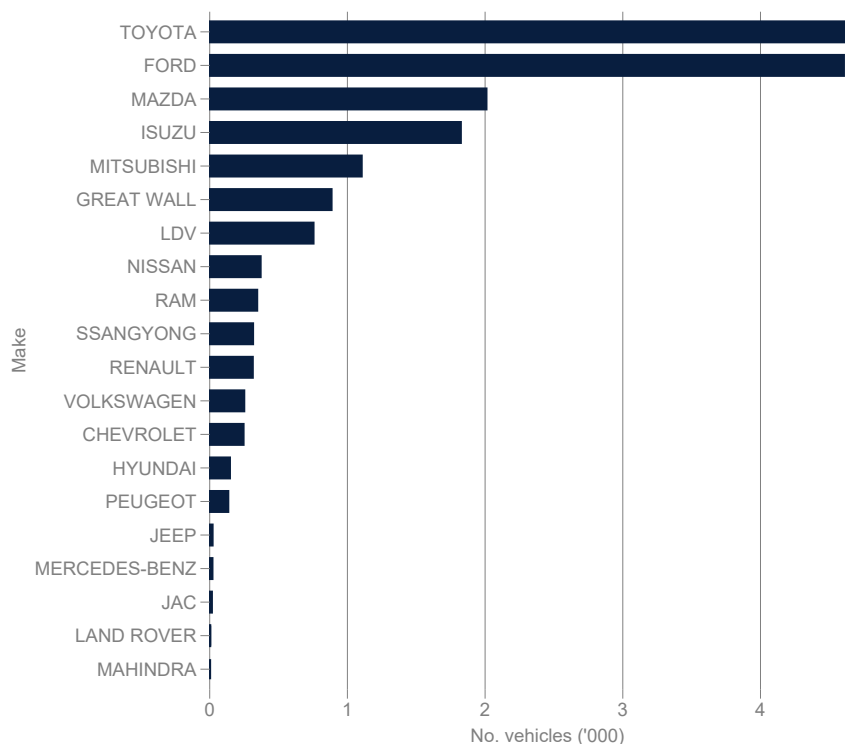
Sources: RAV and BITRE estimates.



**Table 7 Type approval RAV entries, light commercial vehicles, top 20 makes, June 2024<sup>a</sup>**

Rank	Make	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
1	Toyota	4,674	7,731	6,166	36,265	75,571
2	Ford	4,603	4,645	6,456	38,075	82,081
3	Mazda	2,007	489	1,889	5,555	15,508
4	Isuzu	1,821	2,493	2,624	15,408	37,759
5	Mitsubishi	1,101	2,011	1,704	10,300	21,211
6	Great Wall	882	1,072	837	4,468	8,530
7	LDV	751	1,441	1,117	5,053	11,936
8	Nissan	367	1,042	435	5,209	13,437
9	RAM	342	405	476	2,427	4,936
10	Ssangyong	312	414	158	2,896	4,541
11	Renault	310	192	116	995	1,834
12	Volkswagen	248	697	486	5,262	12,466
13	Chevrolet	243	297	138	1,445	3,124
14	Hyundai	144	564	138	2,447	3,655
15	Peugeot	132	0	84	479	1,046
16	Jeep	18	15	43	100	306
17	Mercedes-Benz	17	54	238	194	431
18	Jac	13	0	0	18	18
19	Land Rover	1	1	0	2	8
20	Mahindra	0	0	0	0	0
Total	-	17,986	23,563	23,105	136,598	298,398

<sup>a</sup> Figures exclude Concessional Approval and Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

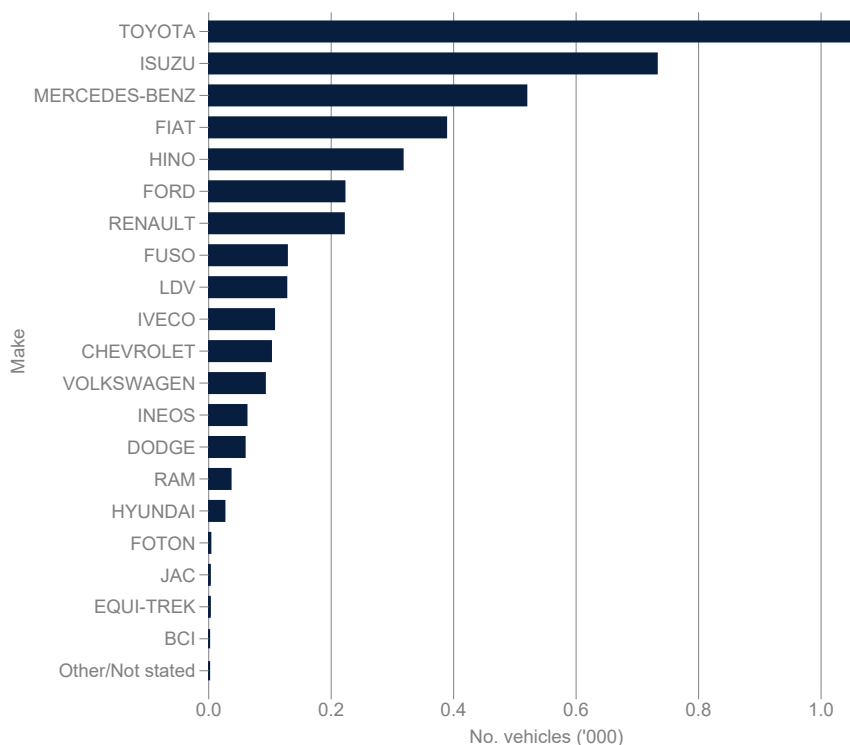
**Figure 7 Type approval RAV entries, light commercial vehicles, top 20 makes, June 2024**

Sources: RAV and BITRE estimates.

**Table 8 Type approval RAV entries, medium goods vehicles, top 20 makes, June 2024<sup>a</sup>**

Rank	Make	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
1	Toyota	1,051	1,572	1,312	6,571	14,972
2	Isuzu	731	918	684	4,866	8,982
3	Mercedes-Benz	518	357	394	2,486	3,870
4	Fiat	387	202	201	1,305	2,097
5	Hino	316	192	311	1,731	3,427
6	Ford	221	86	8	1,289	1,660
7	Renault	220	199	73	1,264	2,389
8	Fuso	127	248	272	1,378	2,857
9	LDV	126	215	960	1,491	3,151
10	IVECO	106	211	92	917	1,961
11	Chevrolet	101	130	175	754	1,296
12	Volkswagen	91	90	47	495	997
13	Ineos	61	51	81	417	1,223
14	Dodge	58	124	184	588	1,235
15	RAM	35	45	29	183	402
16	Hyundai	25	42	42	196	326
17	Foton	2	2	28	88	154
18	Equi-Trek	1	1	0	5	6
19	Jac	1	0	0	12	41
20	BCI	0	2	0	2	2
21	Other/Not stated	0	1	24	71	97
Total	-	4,178	4,688	4,917	26,109	51,145

<sup>a</sup> Figures exclude Concessional Approval and Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

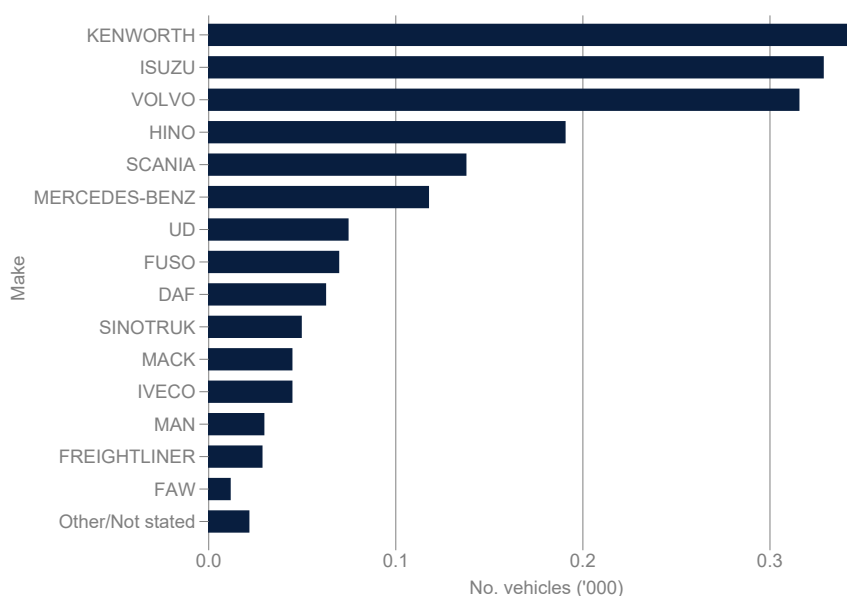
**Figure 8 Type approval RAV entries, medium goods vehicles, top 20 makes, June 2024**

Sources: RAV and BITRE estimates.

**Table 9 Type approval RAV entries, heavy goods vehicles, top 15 makes, June 2024<sup>a</sup>**

Rank	Make	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
1	Kenworth	344	433	371	2,014	4,172
2	Isuzu	328	360	306	2,224	4,413
3	Volvo	315	466	456	1,793	3,532
4	Hino	190	157	149	1,128	2,055
5	Scania	137	108	135	764	1,479
6	Mercedes-Benz	117	114	103	718	1,411
7	UD	74	49	66	498	1,083
8	Fuso	69	142	97	671	1,339
9	DAF	62	113	131	522	1,017
10	Sinotruk	49	73	81	297	465
11	IVECO	44	58	75	357	625
12	Mack	44	60	79	442	1,081
13	MAN	29	38	58	255	624
14	Freightliner	28	46	49	205	378
15	Faw	11	0	0	11	13
16	Other/Not stated	21	51	46	321	560
Total	-	1,862	2,268	2,202	12,220	24,247

<sup>a</sup> Figures exclude Concessional Approval and Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

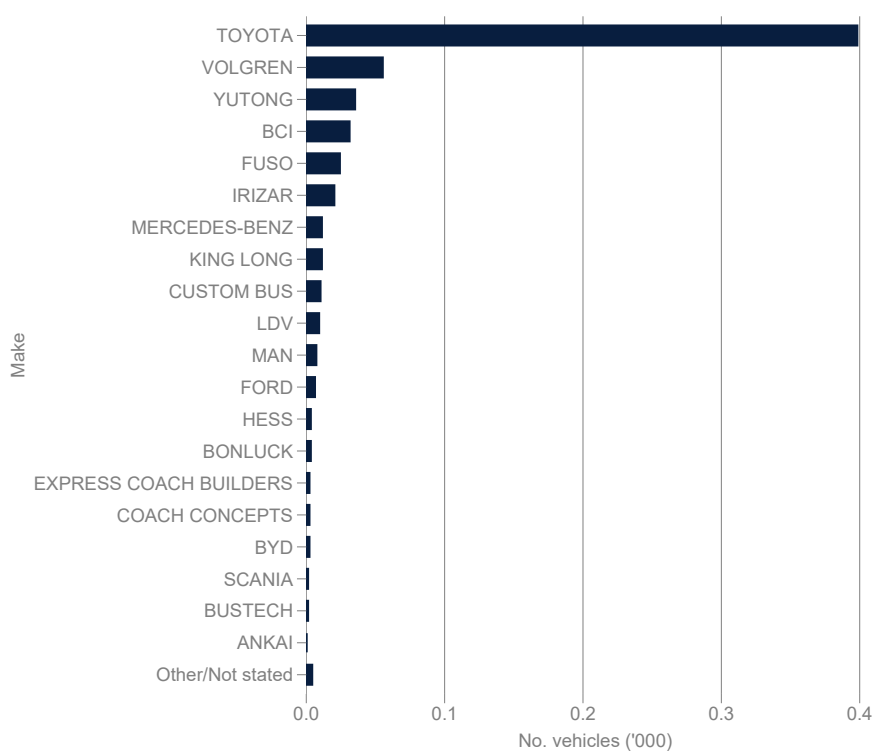
**Figure 9 Type approval RAV entries, heavy goods vehicles, top 15 makes, June 2024**

Sources: RAV and BITRE estimates.

**Table 10 Type approval RAV entries, light and heavy buses, top 20 makes, June 2024<sup>a</sup>**

Rank	Make	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
1	Toyota	398	508	276	1,428	2,629
2	Volgren	55	53	33	266	453
3	Yutong	35	17	22	169	273
4	BCI	31	23	22	101	158
5	Fuso	24	25	27	141	327
6	Irizar	20	14	15	121	199
7	King Long	11	4	3	61	116
8	Mercedes-Benz	11	15	15	70	87
9	Custom Bus	10	18	12	60	116
10	LDV	9	99	71	289	465
11	MAN	7	2	0	10	11
12	Ford	6	5	0	81	81
13	Bonluck	3	2	3	20	30
14	Hess	3	3	0	20	20
15	BYD	2	0	0	13	18
16	Coach Concepts	2	4	2	16	24
17	Express Coach Builders	2	0	5	10	28
18	Bustech	1	3	5	9	21
19	Scania	1	0	1	26	46
20	Ankai	0	0	0	0	2
21	Other/Not stated	4	10	11	46	84
Total	-	635	805	523	2,957	5,188

<sup>a</sup> Figures exclude Concessional Approval and Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

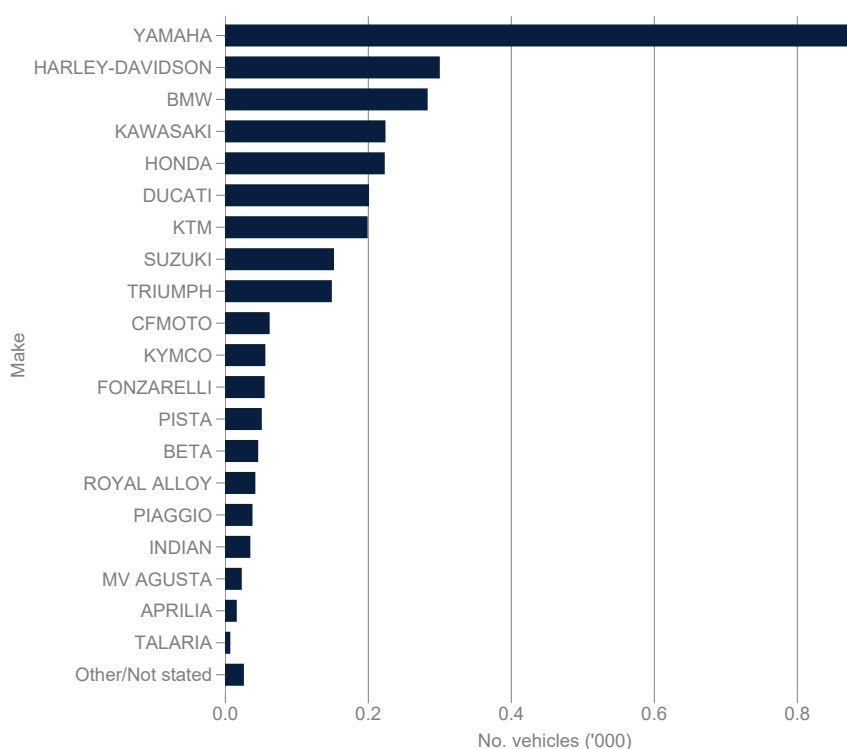
**Figure 10 Type approval RAV entries, all buses, top 20 makes, June 2024**

Sources: RAV and BITRE estimates.

**Table 11 Type approval RAV entries, motorcycles, top 20 makes, June 2024<sup>a</sup>**

Rank	Make	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
1	Yamaha	878	541	291	4,096	10,180
2	Harley-Davidson	298	515	695	2,951	4,773
3	BMW	281	322	335	1,854	3,208
4	Kawasaki	222	167	359	2,547	5,018
5	Honda	221	1,051	1,315	4,983	10,650
6	Ducati	199	187	143	698	1,501
7	KTM	197	1,122	309	2,411	7,897
8	Suzuki	150	71	315	1,198	3,054
9	Triumph	147	109	63	1,722	2,579
10	CFMoto	60	722	41	1,890	2,514
11	Kymco	54	200	2	890	2,246
12	Fonzarelli	53	48	0	115	211
13	Pista	49	0	0	49	249
14	Beta	44	130	86	342	675
15	Royal Alloy	40	0	22	79	79
16	Piaggio	36	0	4	72	132
17	Indian	33	14	236	407	1,086
18	MV Agusta	21	0	3	41	131
19	Aprilia	14	24	112	129	291
20	Talaria	5	1	0	7	8
21	Other/Not stated	24	1,321	1,251	4,106	8,585
Total	-	3,026	6,545	5,582	30,587	65,067

<sup>a</sup> Figures exclude Concessional Approval and Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

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

Sources: RAV and BITRE estimates.

## Type approval RAV entries by vehicle class, make and model

**Table 12 Type approval RAV entries, passenger vehicles, top 25 makes and models, June 2024<sup>a</sup>**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Toyota	RAV4	3,366	5,052	2,528	26,597	43,097
	COROLLA	2,745	3,287	2,538	18,797	37,010
	CAMRY	2,183	2,980	809	13,245	20,590
	KLUGER	1,622	883	1,742	4,467	10,276
	LANDCRUISER	1,016	1,326	1,160	7,503	15,668
	YARIS	656	1,116	582	5,160	10,429
	Other/Not stated	740	798	2,771	5,603	26,152
	Total	12,328	15,442	12,130	81,372	163,222
Mazda	CX-5	4,073	2,924	2,464	14,316	27,037
	CX-30	2,583	1,763	1,507	7,979	15,471
	CX-3	2,499	965	1,747	8,607	16,616
	MAZDA 3	1,160	626	1,403	5,528	9,823
	CX-60	673	565	1,127	1,966	4,442
	Other/Not stated	906	383	1,380	4,114	12,740
	Total	11,894	7,226	9,628	42,510	86,129
Kia	CERATO	1,958	1,929	492	10,867	14,769
	SPORTAGE	1,334	2,015	918	11,466	20,789
	CARNIVAL	1,094	1,594	1,005	6,113	11,661
	SELTO	565	892	794	4,931	9,592
	PICANTO	452	530	804	3,130	7,249
	Other/Not stated	1,326	1,120	2,774	12,395	22,841
	Total	6,729	8,080	6,787	48,902	86,901
Hyundai	KONA	1,959	2,267	916	9,601	16,974
	TUCSON	1,736	1,431	1,789	9,142	20,894
	I30	651	1,114	2,054	6,360	16,010
	VENUE	586	692	558	3,342	6,291
	Other/Not stated	795	2,211	1,364	5,801	12,856
	Total	5,727	7,715	6,681	34,246	73,025
Subaru	CROSSTREK	1,237	624	1,729	5,528	11,850
	FORESTER	1,200	874	1,333	6,517	14,966
	OUTBACK	1,016	852	1,520	5,769	12,882
	WRX	201	243	257	1,023	2,292
	Other/Not stated	271	305	153	1,929	3,008
	Total	3,925	2,898	4,992	20,766	44,998
MG	AZS1	1,432	2,135	5,918	10,463	24,519
	MG3	753	1,322	1,218	5,471	12,619
	HS	282	167	371	1,467	3,567
	MG4	236	742	4	2,725	7,385
	MG5	219	568	0	2,604	5,503
	Other/Not stated	893	19	0	912	912
	Total	3,815	4,953	7,511	23,642	54,505
Mitsubishi	OUTLANDER	1,790	1,896	1,257	13,699	28,661
	ASX	1,032	1,072	447	5,814	11,491
	ECLIPSE	525	821	492	5,589	9,847
	PAJERO	339	556	222	4,301	8,559
	Total	3,686	4,345	2,418	29,403	58,558
Nissan	X-TRAIL	1,380	1,381	516	7,787	18,984
	QASHQAI	766	1,071	1,162	4,073	8,536
	PATROL	611	526	719	4,333	10,490
	Other/Not stated	44	99	286	1,151	3,941
	Total	2,801	3,077	2,683	17,344	41,951
Tesla	MODEL 3	1,884	3,494	1,044	13,085	20,065
	MODEL Y	730	1,883	1,373	13,936	28,833
	Total	2,614	5,377	2,417	27,021	48,898

(continued)

**Table 12 Type approval RAV entries, passenger vehicles, top 25 makes and models, June 2024<sup>a</sup>**  
**(continued)**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Haval	JOLION	1,657	989	900	7,213	12,847
	H6	934	1,187	1,530	6,553	12,631
	Other/Not stated	0	0	0	0	1
	Total	2,591	2,176	2,430	13,766	25,479
BMW	X SERIES	794	704	1,056	4,979	11,163
	X1	512	512	487	2,277	5,703
	4 SERIES	338	323	160	1,860	3,066
	3 SERIES	190	322	204	1,454	3,113
	2 SERIES	142	342	132	1,184	2,535
	Other/Not stated	467	537	215	1,877	3,334
	Total	2,443	2,740	2,254	13,631	28,914
Suzuki	JIMNY	378	382	350	1,623	3,157
	VITARA	184	415	105	1,414	2,918
	SWIFT	127	240	949	2,356	5,532
	Other/Not stated	1,292	900	237	5,781	7,332
	Total	1,981	1,937	1,641	11,174	18,939
Ford	EVEREST	1,911	1,564	1,479	12,474	22,172
	Other/Not stated	0	351	668	1,609	3,547
	Total	1,911	1,915	2,147	14,083	25,719
Volkswagen	T-ROC	735	1,057	472	4,478	9,305
	TIGUAN	728	859	943	4,876	10,943
	GOLF	283	245	314	847	3,284
	Other/Not stated	149	272	763	1,626	5,383
	Total	1,895	2,433	2,492	11,827	28,915
Mercedes-Benz	X254	443	551	258	2,062	4,145
	H247	298	203	144	1,028	1,962
	206	195	259	322	1,251	1,909
	177	140	353	86	1,221	2,459
	118	121	105	99	548	911
	X247	106	154	136	664	931
	H243	106	156	107	643	1,490
	Other/Not stated	453	523	1,304	2,835	7,475
	Total	1,862	2,304	2,456	10,252	21,282
Isuzu	MU-X	1,724	1,936	1,203	14,438	21,764
	Total	1,724	1,936	1,203	14,438	21,764
Lexus	NX AZ2	862	542	380	2,705	5,817
	RX AL3	158	114	133	1,072	2,313
	ES XZ1L	120	99	106	535	1,302
	Other/Not stated	301	365	314	1,851	3,691
	Total	1,441	1,120	933	6,163	13,123
BYD	SEAL	635	579	0	5,080	6,087
	ATTO3	173	784	590	957	5,698
	Other/Not stated	606	1,342	0	3,129	4,595
	Total	1,414	2,705	590	9,166	16,380
Land Rover	RANGE ROVER	862	387	236	2,533	4,775
	DEFENDER	258	344	256	1,311	3,544
	DISCOVERY	189	69	36	551	1,051
	Total	1,309	800	528	4,395	9,370
Volvo	X SERIES	190	215	641	1,247	4,695
	XC60	112	203	386	836	1,714
	XC90	72	90	220	398	956
	Other/Not stated	557	714	54	1,660	1,860
	Total	931	1,222	1,301	4,141	9,225

(continued)



**Table 12 Type approval RAV entries, passenger vehicles, top 25 makes and models, June 2024<sup>a</sup>**  
**(continued)**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Audi	Q3	379	589	255	3,335	5,294
	GY	214	264	296	1,977	3,810
	Q2	92	400	53	1,047	1,961
	A6	64	9	32	170	350
	A4	61	77	100	350	624
	Other/Not stated	112	373	453	2,689	6,552
	Total	922	1,712	1,189	9,568	18,591
Honda	CR-V	461	93	138	3,678	7,522
	ZR-V	183	277	227	3,480	6,430
	CIVIC	58	145	65	831	1,702
	Other/Not stated	5	145	221	2,085	3,848
	Total	707	660	651	10,074	19,502
Porsche	MACAN	197	423	228	1,532	2,865
	982	125	163	45	442	645
	CAYENNE	88	247	154	952	1,785
	911	74	91	65	515	831
	Other/Not stated	17	15	72	194	504
	Total	501	939	564	3,635	6,630
MINI	Other/Not stated	456	267	541	1,749	3,616
	Total	456	267	541	1,749	3,616
Mahindra	XUV700	428	226	54	2,248	4,130
	Other/Not stated	0	0	196	0	294
	Total	428	226	250	2,248	4,424
All other makes	Total	2,338	3,609	4,139	19,703	46,131
Total	Total	78,373	87,814	80,556	485,219	976,191

<sup>a</sup> Figures exclude Concessional Approval and Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

**Table 13 Type approval RAV entries, light commercial vehicles, top 20 makes and models, June 2024<sup>a</sup>**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Toyota	HILUX	3,668	6,084	5,698	30,059	65,595
	HIACE	1,006	1,647	468	6,206	9,976
	Other/Not stated	0	0	0	0	0
	Total	4,674	7,731	6,166	36,265	75,571
Ford	RANGER	3,866	3,797	6,289	33,587	75,647
	TRANSIT	346	846	167	2,748	3,824
	Other/Not stated	391	2	0	1,740	2,610
	Total	4,603	4,645	6,456	38,075	82,081
Mazda	BT-50	2,007	489	1,889	5,555	15,508
	Total	2,007	489	1,889	5,555	15,508
Isuzu	D-MAX	1,821	2,493	2,624	15,408	37,759
	Total	1,821	2,493	2,624	15,408	37,759
Mitsubishi	TRITON	259	303	1,704	1,779	12,690
	Other/Not stated	842	1,708	0	8,521	8,521
	Total	1,101	2,011	1,704	10,300	21,211
Great Wall	CANNON	532	1,072	837	4,110	8,172
	Other/Not stated	350	0	0	358	358
	Total	882	1,072	837	4,468	8,530
LDV	T60	593	1,267	438	3,599	8,296
	G10	156	129	579	1,271	3,328
	Other/Not stated	2	45	100	183	312
	Total	751	1,441	1,117	5,053	11,936
Nissan	NAVARA	367	1,042	435	5,209	13,437
	Total	367	1,042	435	5,209	13,437
RAM	1500	342	405	476	2,427	4,936
	Total	342	405	476	2,427	4,936
Ssangyong	MUSSO	312	414	158	2,896	4,541
	Total	312	414	158	2,896	4,541
Renault	TRAFIC	296	190	116	891	1,730
	Other/Not stated	14	2	0	104	104
	Total	310	192	116	995	1,834
Volkswagen	CADDY	93	141	30	535	1,052
	Other/Not stated	155	556	456	4,727	11,414
	Total	248	697	486	5,262	12,466
Chevrolet	SILVERADO	243	297	138	1,445	3,124
	Total	243	297	138	1,445	3,124
Hyundai	STARIA	144	564	138	2,447	3,655
	Total	144	564	138	2,447	3,655
Peugeot	EXPERT	75	0	40	256	452
	PARTNER	57	0	41	223	593
	Other/Not stated	0	0	3	0	1
	Total	132	0	84	479	1,046
Jeep	GLADIATOR	18	15	43	100	306
	Total	18	15	43	100	306
Mercedes-Benz	VITO	17	54	235	190	405
	Other/Not stated	0	0	3	4	26
	Total	17	54	238	194	431
Jac	Other/Not stated	13	0	0	18	18
	Total	13	0	0	18	18
Land Rover	DEFENDER	1	1	0	2	8
	Total	1	1	0	2	8
Mahindra	S5	0	0	0	0	0
	Total	0	0	0	0	0
All other makes	Total	0	0	0	0	0

(continued)

**Table 13 Type approval RAV entries, light commercial vehicles, top 20 makes and models, June 2024<sup>a</sup>**  
**(continued)**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Total	Total	17,986	23,563	23,105	136,598	298,398

<sup>a</sup> Figures exclude Concessional Approval and Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

**Table 14 Type approval RAV entries, medium goods vehicles, top 20 makes and models, June 2024<sup>a</sup>**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Toyota	LANDCRUISER	995	1,543	1,312	6,347	14,651
	TUNDRA	56	29	0	223	319
	Other/Not stated	0	0	0	1	2
	Total	1,051	1,572	1,312	6,571	14,972
Isuzu	NLR	256	309	122	1,293	2,137
	NPR	124	164	138	883	1,688
	NH NP	111	165	133	1,028	1,983
	FRR	84	141	72	781	1,322
	NNR	83	74	178	436	1,001
	NQR	61	46	30	367	706
	Other/Not stated	12	19	11	78	145
	Total	731	918	684	4,866	8,982
Mercedes-Benz	SPRINTER	513	347	394	2,452	3,831
	Other/Not stated	5	10	0	34	39
	Total	518	357	394	2,486	3,870
Fiat	DUCATO	387	202	201	1,305	2,097
	Total	387	202	201	1,305	2,097
Hino	300 SERIES	253	131	238	1,368	2,680
	FD	28	29	40	177	374
	FC	25	29	29	139	310
	Other/Not stated	10	3	4	47	63
	Total	316	192	311	1,731	3,427
Ford	TRANSIT	221	86	8	1,289	1,653
	Other/Not stated	0	0	0	0	7
	Total	221	86	8	1,289	1,660
Renault	MASTER	220	199	73	1,264	2,389
	Total	220	199	73	1,264	2,389
Fuso	CANTER	76	196	251	1,066	2,328
	FIGHTER	49	51	21	307	524
	Other/Not stated	2	1	0	5	5
	Total	127	248	272	1,378	2,857
LDV	DELIVER 9	105	182	960	1,335	2,991
	Other/Not stated	21	33	0	156	160
	Total	126	215	960	1,491	3,151
IVECO	DAILY	106	209	91	913	1,955
	Other/Not stated	0	2	1	4	6
	Total	106	211	92	917	1,961
Chevrolet	SILVERADO	101	130	175	754	1,296
	Total	101	130	175	754	1,296
Volkswagen	CRAFTER	91	90	47	495	997
	Total	91	90	47	495	997
Ineos	GRENADIER	61	51	81	417	1,223
	Total	61	51	81	417	1,223
Dodge	RAM D1	57	118	180	554	1,146
	Other/Not stated	1	6	4	34	89
	Total	58	124	184	588	1,235
RAM	1500	35	45	29	183	402
	Total	35	45	29	183	402
Hyundai	MIGHTY	23	41	41	162	283
	Other/Not stated	2	1	1	34	43
	Total	25	42	42	196	326
Foton	AUMARK	2	0	20	20	53
	Other/Not stated	0	2	8	68	101
	Total	2	2	28	88	154

(continued)

**Table 14 Type approval RAV entries, medium goods vehicles, top 20 makes and models, June 2024<sup>a</sup> (continued)**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Equi-Trek	SPRINTER	1	1	0	2	3
	Other/Not stated	0	0	0	3	3
	Total	1	1	0	5	6
Jac	Other/Not stated	1	0	0	12	41
	Total	1	0	0	12	41
DAF	LF45	0	0	13	0	0
	Total	0	0	13	0	0
All other makes	Total	0	3	11	73	99
Total	Total	4,178	4,688	4,917	26,109	51,145

<sup>a</sup> Figures exclude Concessional Approval and Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

**Table 15 Type approval RAV entries, heavy goods vehicles, top 20 makes and models, June 2024<sup>a</sup>**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Kenworth	T610	87	111	66	510	1,044
	T909	74	97	59	409	770
	K220	51	71	16	314	430
	T659	35	43	38	192	367
	T410	30	27	26	116	254
	K200	25	24	88	138	571
	T360	19	18	41	107	241
	Other/Not stated	23	42	37	228	495
	Total	344	433	371	2,014	4,172
Isuzu	FYH	73	54	37	387	744
	FSR	73	106	76	634	1,157
	FXZ	57	66	33	322	544
	FVZ	53	42	35	323	734
	FVR	25	46	20	229	384
	FTS	21	14	38	79	200
	FVM	18	12	50	169	467
	Other/Not stated	8	20	17	81	183
	Total	328	360	306	2,224	4,413
Volvo	FH	193	266	263	918	1,827
	FM	93	149	140	654	1,246
	FE	29	51	45	218	428
	Other/Not stated	0	0	8	3	31
	Total	315	466	456	1,793	3,532
Hino	FM	64	42	18	266	354
	FE	52	43	46	277	650
	GH	18	16	18	91	165
	FG	17	15	24	154	272
	GT	11	23	11	104	167
	Other/Not stated	28	18	32	236	447
	Total	190	157	149	1,128	2,055
Scania	R SERIES	69	65	53	399	683
	P SERIES	34	29	35	162	345
	G SERIES	33	14	47	200	445
	Other/Not stated	1	0	0	3	6
	Total	137	108	135	764	1,479
Mercedes-Benz	96X	96	102	91	639	1,292
	ECONIC	15	3	8	40	65
	Other/Not stated	6	9	4	39	54
	Total	117	114	103	718	1,411
UD	CWB	25	13	5	150	248
	CGB	25	12	19	122	232
	PK	11	0	5	40	82
	CDB	9	20	5	72	125
	Other/Not stated	4	4	32	114	396
	Total	74	49	66	498	1,083
Fuso	FIGHTER	41	61	24	304	522
	FV SERIES	18	56	63	277	647
	FS SERIES	10	24	9	81	155
	Other/Not stated	0	1	1	9	15
	Total	69	142	97	671	1,339
DAF	CF17	45	89	74	375	818
	XF17	12	21	30	115	166
	Other/Not stated	5	3	27	32	33
	Total	62	113	131	522	1,017
Sinotruk	C7H	47	47	44	148	216
	Other/Not stated	2	26	37	149	249
	Total	49	73	81	297	465

(continued)

**Table 15 Type approval RAV entries, heavy goods vehicles, top 20 makes and models, June 2024<sup>a</sup> (continued)**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
IVECO	EUROCARGO	16	4	16	46	123
	S-WAY	15	41	37	228	394
	ACCO	12	9	2	50	50
	Other/Not stated	1	4	20	33	58
	Total	44	58	75	357	625
Mack	TRIDENT	17	10	20	111	270
	SUPERLINER	10	26	32	152	379
	ANTHEM	10	8	12	120	275
	METROLINER	7	16	15	59	157
	Total	44	60	79	442	1,081
MAN	TGA	20	28	47	194	466
	TGM	6	4	11	32	128
	TG4	3	6	0	28	29
	Other/Not stated	0	0	0	1	1
	Total	29	38	58	255	624
Freightliner	CASCADIA	28	46	49	205	378
	Total	28	46	49	205	378
Faw	JH6	11	0	0	11	13
	Total	11	0	0	11	13
All other makes	Total	21	51	46	321	560
Total	Total	1,862	2,268	2,202	12,220	24,247

<sup>a</sup> Figures exclude Concessional Approval and Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.



**Table 16 Type approval RAV entries, light and heavy buses, top 20 makes and models, June 2024<sup>a</sup>**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Toyota	COMMUTER	374	473	235	1,270	2,350
	COASTER	24	35	41	158	279
	Total	398	508	276	1,428	2,629
Volgren	2 AXLE OMNIBUS	55	53	32	262	440
	Other/Not stated	0	0	1	4	13
	Total	55	53	33	266	453
Yutong	D9	14	5	7	29	41
	D7	12	6	10	65	123
	C12	6	5	1	48	62
	Other/Not stated	3	1	4	27	47
	Total	35	17	22	169	273
BCI	PK6120AG	13	2	4	16	25
	PK6127A	8	16	11	51	87
	JXK6136	3	0	2	3	3
	PK6930A	2	0	1	11	15
	Other/Not stated	5	5	4	20	28
	Total	31	23	22	101	158
Fuso	ROSA	24	25	27	141	327
	Total	24	25	27	141	327
Irizar	COACH	20	14	15	121	199
	Total	20	14	15	121	199
Mercedes-Benz	SPRINTER	11	15	15	70	87
	Total	11	15	15	70	87
King Long	6911AY	10	2	0	33	62
	6120BS	1	2	3	28	53
	Other/Not stated	0	0	0	0	1
	Total	11	4	3	61	116
Custom Bus	ELEMENT	9	6	7	33	63
	METRO	1	5	5	17	41
	Other/Not stated	0	7	0	10	12
	Total	10	18	12	60	116
LDV	DELIVER 9	9	99	71	289	465
	Total	9	99	71	289	465
MAN	Other/Not stated	7	2	0	10	11
	Total	7	2	0	10	11
Ford	TRANSIT	6	5	0	81	81
	Total	6	5	0	81	81
Hess	LighTram	3	3	0	20	20
	Total	3	3	0	20	20
Bonluck	Other/Not stated	3	2	3	20	30
	Total	3	2	3	20	30
Coach Concepts	EXPLORER	2	4	2	16	24
	Total	2	4	2	16	24
Express Coach Builders	OMNIBUS	2	0	5	10	28
	Total	2	0	5	10	28
BYD	Other/Not stated	2	0	0	13	18
	Total	2	0	0	13	18
Bustech	VST	1	3	3	9	18
	Other/Not stated	0	0	2	0	3
	Total	1	3	5	9	21
Scania	TOURING	1	0	1	16	31
	Other/Not stated	0	0	0	10	15
	Total	1	0	1	26	46

(continued)

**Table 16 Type approval RAV entries, light and heavy buses, top 20 makes and models, June 2024<sup>a</sup>**  
**(continued)**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Marcopolo	AUDACE	0	3	8	9	22
	Total	0	3	8	9	22
All other makes	Total	4	7	3	37	64
Total	Total	635	805	523	2,957	5,188

<sup>a</sup> Figures exclude Concessional Approval and Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

**Table 17 Type approval RAV entries, motorcycles, top 20 makes and models, June 2024<sup>a</sup>**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Yamaha	MTN320	200	0	0	248	568
	YZF	144	117	0	533	1,333
	YZF320	80	0	40	276	722
	WR SERIES	80	150	36	511	1,022
	GPD150	80	0	0	400	760
	MTM890	60	41	18	142	342
	MTN890	48	9	2	264	680
	Other/Not stated	186	224	195	1,722	4,753
	Total	878	541	291	4,096	10,180
Harley-Davidson	CRU SERIES	195	262	532	1,468	2,481
	FLH SERIES	78	161	137	761	1,119
	RMX SERIES	16	1	13	17	17
	Other/Not stated	9	91	13	705	1,156
	Total	298	515	695	2,951	4,773
BMW	K50	60	73	110	334	708
	S1000	51	91	71	386	649
	K8X	44	49	39	303	514
	G310	35	14	18	139	305
	R18	20	22	49	90	237
	Other/Not stated	71	73	48	602	795
	Total	281	322	335	1,854	3,208
Kawasaki	EX400	75	48	133	669	1,281
	EN650	35	14	83	507	779
	ZX636	22	7	17	39	93
	KL650	19	20	5	243	536
	ZR900	14	12	0	207	448
	ER650	13	0	0	65	193
	Other/Not stated	44	66	121	817	1,688
	Total	222	167	359	2,547	5,018
Honda	NSC110	96	432	432	1,344	2,400
	WW125	40	0	0	240	320
	NSS350	32	32	0	96	160
	XL750	21	106	80	326	681
	CB750	21	0	1	105	105
	Other/Not stated	11	481	802	2,872	6,984
	Total	221	1,051	1,315	4,983	10,650
Ducati	PANIGALE	47	30	15	122	281
	3D	29	12	20	62	164
	1X	27	41	17	82	189
	SUPERSPORT	16	17	16	39	73
	4M	10	32	22	72	113
	Other/Not stated	70	55	53	321	681
	Total	199	187	143	698	1,501
KTM	ADVENTURE	90	428	218	732	2,018
	DUKE	40	41	30	124	124
	SUPER DUKE	35	69	19	139	233
	690 LC4 SERIES	32	50	0	168	332
	Other/Not stated	0	534	42	1,248	5,190
	Total	197	1,122	309	2,411	7,897
Suzuki	DR-Z400	45	14	56	256	464
	GSX250	22	7	0	90	191
	DS250	18	13	49	185	315
	GSX1300	14	2	9	58	172
	DL650	11	4	13	77	156
	Other/Not stated	40	31	188	532	1,756
	Total	150	71	315	1,198	3,054

(continued)

**Table 17 Type approval RAV entries, motorcycles, top 20 makes and models, June 2024<sup>a</sup> (continued)**

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Triumph	H801	30	15	0	108	210
	DU SERIES	20	11	4	71	85
	L SERIES	18	10	8	75	226
	ROCKET III	14	7	8	98	112
	DX SERIES	12	18	5	40	134
	PV SERIES	11	0	2	117	119
	PB SERIES	9	2	1	35	47
	Other/Not stated	33	46	35	1,178	1,646
	Total	147	109	63	1,722	2,579
CFMoto	CF400	32	533	6	1,035	1,412
	CF800	28	28	28	271	416
	Other/Not stated	0	161	7	584	686
	Total	60	722	41	1,890	2,514
Kymco	KG10AA	25	24	0	91	157
	CK50QT-5	21	30	0	171	345
	AGILITY SERIES	8	86	2	388	985
	Other/Not stated	0	60	0	240	759
	Total	54	200	2	890	2,246
Fonzarelli	Other/Not stated	53	48	0	115	211
	Total	53	48	0	115	211
Pista	PISTA125	49	0	0	49	199
	Other/Not stated	0	0	0	0	50
	Total	49	0	0	49	249
Beta	X-TRAINER	33	7	11	86	182
	EX	10	13	11	51	88
	Other/Not stated	1	110	64	205	405
	Total	44	130	86	342	675
Royal Alloy	G	40	0	21	79	79
	Other/Not stated	0	0	1	0	0
	Total	40	0	22	79	79
Piaggio	MEDLEY	36	0	0	72	108
	Other/Not stated	0	0	4	0	24
	Total	36	0	4	72	132
Indian	CHIEF	11	8	32	29	90
	CHALLENGER	2	0	45	12	57
	Other/Not stated	20	6	159	366	939
	Total	33	14	236	407	1,086
MV Agusta	A	13	0	1	15	51
	H	7	0	0	7	18
	Other/Not stated	1	0	2	19	62
	Total	21	0	3	41	131
Aprilia	TUAREG 660	14	19	0	106	186
	Other/Not stated	0	5	112	23	105
	Total	14	24	112	129	291
Talaria	STING	5	1	0	7	8
	Total	5	1	0	7	8
All other makes	Total	24	1,321	1,251	4,106	8,585
Total	Total	3,026	6,545	5,582	30,587	65,067

<sup>a</sup> Figures exclude Concessional Approval and Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

## Concessional approval RAV entries

**Table 18 Concessional approval RAV entries, by vehicle type and month, June 2024<sup>a</sup>**

Month <sup>b</sup>	Vehicle type									Total <sup>c</sup>
	Passen- ger vehicles	Light com- mercial vehicles	Medium goods vehicles	Heavy goods vehicles	Motor- cycles	Light trailers	Medium trailers	Heavy trailers	Not stated	
Jun 2024	1,563	287	86	83	0	291	28	17	617	2,972
May 2024	1,918	255	45	95	0	337	42	5	450	3,147
Apr 2024	1,521	262	35	27	0	323	40	10	538	2,756
Mar 2024	1,531	186	24	82	0	282	41	17	435	2,598
Feb 2024	1,654	301	31	67	0	350	59	19	578	3,059
Jan 2024	1,349	273	38	24	0	330	48	8	594	2,664
Dec 2023	1,386	259	30	24	0	322	63	13	487	2,584
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	1,102	3,210
Aug 2023	1,476	185	18	13	0	321	70	14	1,183	3,280
Jul 2023	905	76	12	426	1	128	15	10	965	2,538
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	494	10	5	10	0	10	2	7	597	1,135
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

<sup>a</sup> Table may include revisions to previously published estimates arising from updates to the RAV to correct errors or remove entries.

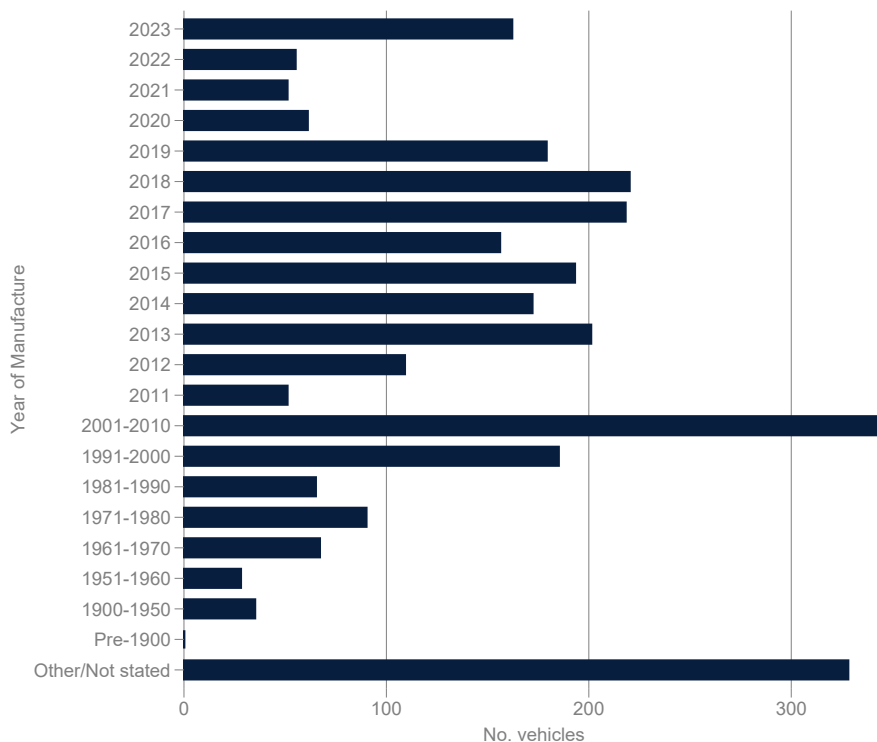
<sup>b</sup> RAV transition period: 1 July 2021 to 30 June 2023 – Pre-July 2023 RAV entries are not necessarily a full enumeration of all vehicles entering the Australian market (see Explanatory Notes for details).

<sup>c</sup> Total excludes Second Stage of Manufacture vehicles.  
Sources: RAV and BITRE estimates.

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

Year of manufacture	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
2023	162	200	257	1,318	3,669
2022	55	59	214	369	1,042
2021	51	66	62	343	842
2020	61	62	38	402	736
2019	179	183	47	713	1,168
2018	220	315	96	1,932	3,483
2017	218	250	193	1,215	2,779
2016	156	163	98	887	1,639
2015	193	186	104	897	1,714
2014	172	183	155	1,002	1,974
2013	201	155	100	848	1,515
2012	109	114	145	624	1,376
2011	51	66	80	359	731
2001-2010	346	387	588	2,090	4,510
1991-2000	185	179	732	1,169	2,430
1981-1990	65	81	270	470	1,074
1971-1980	90	41	356	426	1,011
1961-1970	67	46	299	363	793
1951-1960	28	18	171	164	371
1900-1950	35	41	115	145	319
Pre-1900	0	0	3	2	3
Other/Not stated	328	352	0	1,458	1,469
Total	2,972	3,147	4,123	17,196	34,648

Sources: RAV and BITRE estimates.

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

Sources: RAV and BITRE estimates.

**Table 20 Specialist and Enthusiast Vehicle RAV entries, by SEV category and month, June 2024<sup>a</sup>**

Month <sup>b</sup>	SEV approval criterion							Total
	Camper-vans and Motor-homes	Environ-mental	Left-Hand Drive	Mobility	Perfor-mance	Rarity	Not stated	
Jun 2024	333	1,095	84	161	256	7	0	1,936
May 2024	280	1,357	55	233	288	5	0	2,218
Apr 2024	265	1,073	38	210	230	2	0	1,818
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	195	189	11	25	993
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	119	0	1	502
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

<sup>a</sup> Table may include revisions to previously published estimates arising from updates to the RAV to correct errors or remove entries.

<sup>b</sup> 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, June 2024

Month <sup>a</sup>	Passenger vehicles	Light commercial vehicles	Medium goods vehicles	Heavy goods vehicles	Buses	Not stated	Total
Jun 2024	395	2,136	1,340	137	40	0	4,048
May 2024	529	3,265	1,426	173	30	0	5,423
Apr 2024	394	2,574	1,245	173	30	0	4,416
Mar 2024	557	2,701	1,163	139	24	0	4,584
Feb 2024	549	3,268	1,250	147	30	0	5,244
Jan 2024	267	2,920	845	170	25	0	4,227
Dec 2023	173	2,767	1,069	108	22	0	4,139
Nov 2023	234	3,030	1,237	155	29	0	4,685
Oct 2023	141	3,562	1,298	139	23	1	5,164
Sep 2023	130	5,537	1,043	42	21	0	6,773
Aug 2023	166	3,901	1,293	40	39	0	5,439
Jul 2023	119	3,010	971	30	37	0	4,167
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	2,258	657	6	19	0	3,022
Mar 2023	117	3,142	764	54	15	0	4,092
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	2,495	739	34	7	0	3,335
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

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

Make	Model	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
Toyota	HILUX	1,578	2,540	2,466	13,676	31,962
	LANDCRUISER	391	384	350	2,065	4,340
	HIACE	36	11	13	96	179
	COMMUTER	26	17	6	89	195
	Other/Not stated	85	29	20	210	423
	Total	2,116	2,981	2,855	16,136	37,099
Nissan	PATROL	263	376	29	1,955	2,325
	NAVARA	242	343	159	1,379	2,976
	Other/Not stated	0	0	0	1	1
	Total	505	719	188	3,335	5,302
Ford	RANGER	418	480	286	2,469	4,059
	Other/Not stated	56	45	17	180	195
	Total	474	525	303	2,649	4,254
Isuzu	D-MAX	137	181	125	962	1,954
	MU-X	34	32	32	224	401
	NPS	24	29	29	139	303
	Other/Not stated	23	29	19	185	287
	Total	218	271	205	1,510	2,945
Fiat	DUCATO	168	174	89	816	1,540
	Other/Not stated	0	0	0	21	21
	Total	168	174	89	837	1,561
Mercedes-Benz	SPRINTER	96	162	109	692	1,537
	96X	12	24	0	96	130
	Other/Not stated	3	2	1	15	22
	Total	111	188	110	803	1,689
Mazda	BT-50	82	144	88	576	1,002
	Total	82	144	88	576	1,002
Volkswagen	CRAFTER	34	0	0	44	78
	TRANSPORTER	10	12	1	62	131
	Other/Not stated	31	30	3	129	250
	Total	75	42	4	235	459
IVECO	DAILY	19	61	26	167	333
	Other/Not stated	44	33	26	231	296
	Total	63	94	52	398	629
Renault	MASTER	63	65	30	258	598
	Other/Not stated	0	3	0	12	24
	Total	63	68	30	270	622
All other makes	Total	173	217	194	1,193	2,747
Total	Total	4,048	5,423	4,118	27,942	58,309

Sources: RAV and BITRE estimates.

## RAV entries of caravans and camper trailers

**Table 23 RAV entries of caravans and camper trailers, top 20 makes, June 2024<sup>a</sup>**

Rank	Make	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
1	Jayco	594	758	902	3,811	8,953
2	Market Direct Campers	206	246	564	1,154	2,494
3	Regent RV	142	410	453	1,461	3,103
4	Ezytrail	137	180	98	971	2,156
5	Crusader	115	195	48	971	2,029
6	Stoney Creek Campers	105	53	272	461	928
7	Mars	85	43	0	294	410
8	Austrack Campers	81	84	322	1,287	2,554
9	Arctic Campers	68	21	0	210	219
10	Urban Caravans	68	32	13	244	550
11	New Age	64	136	238	592	1,423
12	Leader	63	77	113	355	820
13	Essential Caravans	60	94	217	439	1,099
14	Network RV	58	100	127	466	1,229
15	Adria	54	0	67	54	246
16	Supreme Caravans	52	73	206	386	819
17	Zone RV	52	50	0	280	514
18	Great Aussie	46	13	79	178	309
19	Franklin Caravans	45	43	55	220	465
20	Guardian Campers	41	9	10	81	183
21	Other makes	1,239	1,707	1,617	8,384	21,066
Total	-	3,375	4,324	5,401	22,299	51,569

<sup>a</sup> Caravan and camper trailer RAV entry estimates are derived from trailer make and model information supplied to the RAV, and may not fully enumerate all caravans and camper trailer RAV entries.  
Sources: RAV and BITRE estimates.

**Table 24 RAV entries of caravans and camper trailers, by tare weight, June 2024<sup>a</sup>**

Tare weight	Jun 2024	May 2024	Jun 2023	Year to date	Last 12 months
<= 500kg	22	38	10	209	534
500-1000kg	136	114	147	765	1,670
1000-1500kg	298	332	685	2,019	4,700
1500-2000kg	611	759	961	3,551	7,965
2000-2500kg	1,252	1,543	2,290	8,866	20,323
2500-3000kg	925	1,345	1,266	6,170	14,724
3000-5000kg	130	193	40	716	1,640
> 5000kg	1	0	2	2	11
Not stated	0	0	0	1	2
Total	3,375	4,324	5,401	22,299	51,569

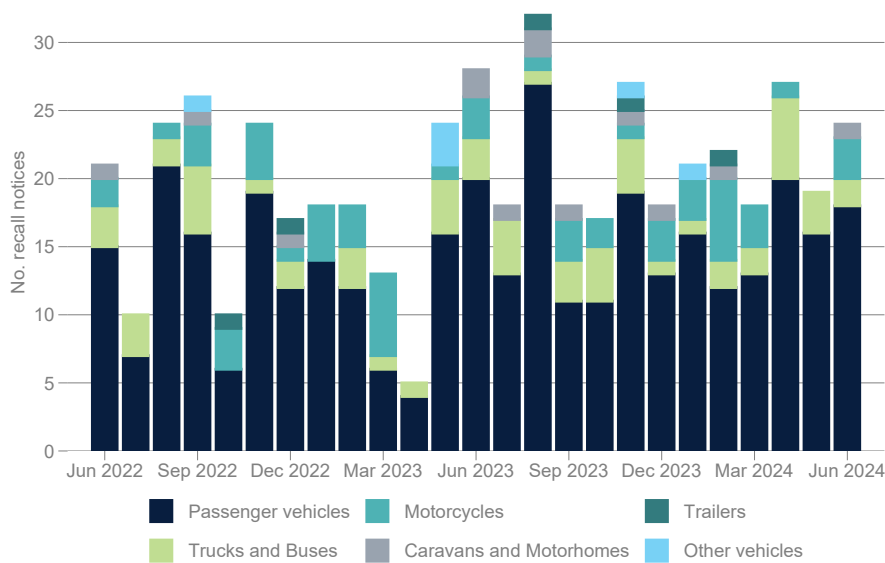
<sup>a</sup> Caravan and camper trailer RAV entry estimates are derived from trailer make and model information supplied to the RAV, and may not fully enumerate all caravans and camper trailer RAV entries.  
Sources: RAV and BITRE estimates.

# Vehicle recalls

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

Month	Recall notice vehicle category						Total
	Passenger vehicles	Trucks and buses	Motorcycles	Caravans and motorhomes	Trailers	Other vehicles	
Jun 2024	18	2	3	1	0	0	24
May 2024	16	3	0	0	0	0	19
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

Sources: ROVER and BITRE estimates.

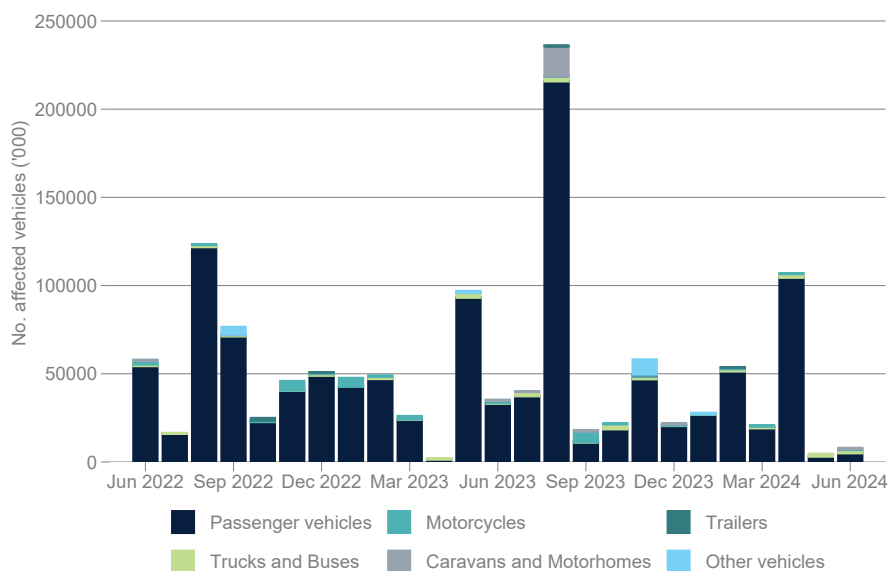
**Figure 13 Vehicle recall notices, by vehicle type, June 2022 to June 2024**

Sources: DITRDCA ROVER and BITRE estimates.

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

Month	Recall notice vehicle category						Total
	Passenger vehicles	Trucks and buses	Motorcycles	Caravans and motorhomes	Trailers	Other vehicles	
Jun 2024	5,094	1,779	457	476	0	0	7,806
May 2024	3,168	1,324	0	0	0	0	4,492
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	47,041	1,316	842	50	471	8,262	57,982
Oct 2023	18,668	2,847	224	0	0	0	21,739
Sep 2023	11,313	56	6,092	449	0	0	17,910
Aug 2023	215,927	2,828	40	16,999	9	0	235,803
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

Sources: ROVER and BITRE estimates.

**Figure 14** Vehicle recalls, total vehicles affected, by vehicle type, June 2022 to June 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 – **R**oad **V**ehicle **R**egulator (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.