



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

August 2024



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August 2024

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

Canberra, Australia



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ISSN: 2981-9903 (Online)  
BITRE reference: 2024-1182  
September 2024

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## An appropriate citation for this report is:

Bureau of Infrastructure and Transport Research Economics (BITRE) 2024, *Road vehicle entry and recall statistics, August 2024*, Statistical Report , BITRE Canberra, ACT.

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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

September 2024

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# Highlights – August 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 August 2024. The RAV includes all road vehicles, both new and used, approved to be provided to the Australian market for the first time. Entry on the RAV does not imply a vehicle will be sold into the Australian market nor when it might be first sold into the market.

## Register of Approved Vehicles (RAV) entries

- There were 128,768 road vehicles entered on the RAV in August 2024, 17.4 per cent lower than total entries in August 2023 (i.e. 155,883 vehicles).<sup>1</sup>
- There were 125,425 type approval vehicles entered in August 2024, 17.8 per cent lower than total type approved vehicles entries in August 2023 (i.e. 152,603 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 3,343 vehicles in the month of August 2024, 1.9 per cent higher than concessional RAV approval entries in August 2023 (i.e. 3,280 vehicles).

## Type approval RAV entries by vehicle category

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

- 79,787 passenger vehicle RAV entries, 17.6 per cent lower than in August 2023
- 19,548 light commercial vehicle (LCV) RAV entries, 22.1 per cent lower than in August 2023
- 4,197 medium goods vehicle RAV entries, 22 per cent lower than in August 2023
- 2,165 heavy goods vehicle RAV entries, 6.8 per cent lower than in August 2023
- 628 bus RAV entries, 73.5 per cent higher than in August 2023, and
- 4,227 motorcycle RAV entries, 39.2 per cent lower than in August 2023.

## Type approval RAV entries by vehicle make

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

- Passenger vehicles: Toyota, Kia, Mazda, Hyundai and Mitsubishi
- Light commercial vehicles: Ford, Toyota, Isuzu, Mazda and Volkswagen
- Medium goods vehicles: Toyota, Isuzu, Fuso, Mercedes-Benz and LDV
- Heavy goods vehicles: Kenworth, Isuzu, DAF, Hino and Volvo
- Buses: Toyota, Volgren, Fuso, BCI and LDV
- Motorcycles: Yamaha, Honda, Kawasaki, KTM and BMW.

## Concessional RAV entry approval vehicles

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

- 1,866 passenger vehicles
- 332 LCVs
- 65 medium goods vehicles
- 4 heavy goods vehicles, and
- 462 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 2,264 specialist and enthusiast vehicles (SEVs) entries on the RAV in August 2024.
- There were 1,380 SEV RAV entries in August 2024 under environmental criterion.

## Second stage of manufacture (SSM) RAV entries

- There were 4,207 SSM RAV entries in August 2024, comprising:
  - 2,294 light commercial vehicles
  - 1,530 medium goods vehicles
  - 181 passenger vehicles, and
  - 202 other vehicles.

## Type approval RAV entries by trailer category

In the month of August 2024 there were:

- 2,449 type approved very light trailer RAV entries<sup>2</sup>
- 10,139 type approved light trailer RAV entries
- 707 type approved medium trailer RAV entries, and
- 1,578 type approved heavy trailer RAV entries.

Type approved trailer RAV entries included approximately 3,643 caravans and camper trailers in the month of August 2024.<sup>3</sup>

## Vehicle recall notices

- In August 2024 there were 22 recall notices published on the Department's website, covering approximately 383,477 vehicles.
- As at 31 August 2024 there were 5,085 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 – 3,332 notices (covering 19,479,139 vehicles)
  - Trucks and buses – 801 notices (covering 571,955 vehicles)
  - Motorcycles – 810 notices (covering 493,143 vehicles)
  - Caravans/motorhomes – 71 notices (covering 44,936 vehicles)
  - Trailers – 42 notices (covering 19,200 vehicles)
  - Other vehicles (not elsewhere specified) – 29 notices (covering 154,779 vehicles).

<sup>2</sup> Prior to the July 2024 release, very light trailer RAV entries were not separately enumerated and combined with light trailer RAV entries.

<sup>3</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>4</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>5</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>4</sup> Only up to 4 trailers can be included in one concessional RAV entry approval application.

<sup>5</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 August 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>6</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>6</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, August 2024<sup>a</sup>**

Month <sup>b</sup>	Approval category		Total <sup>c</sup>
	Type approval	Concessional approval	
Aug 2024	125,425	3,343	128,768
Jul 2024	130,961	3,367	134,328
Jun 2024	120,374	2,970	123,344
May 2024	141,081	3,147	144,228
Apr 2024	139,438	2,754	142,192
Mar 2024	125,541	2,598	128,139
Feb 2024	128,631	3,059	131,690
Jan 2024	126,006	2,662	128,668
Dec 2023	110,855	2,584	113,439
Nov 2023	142,419	3,034	145,453
Oct 2023	141,165	2,806	143,971
Sep 2023	139,482	3,210	142,692
Aug 2023	152,603	3,280	155,883
Jul 2023	140,808	2,537	143,345
Jun 2023	133,424	4,123	137,547
May 2023	137,608	1,616	139,224
Apr 2023	99,849	1,161	101,010
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

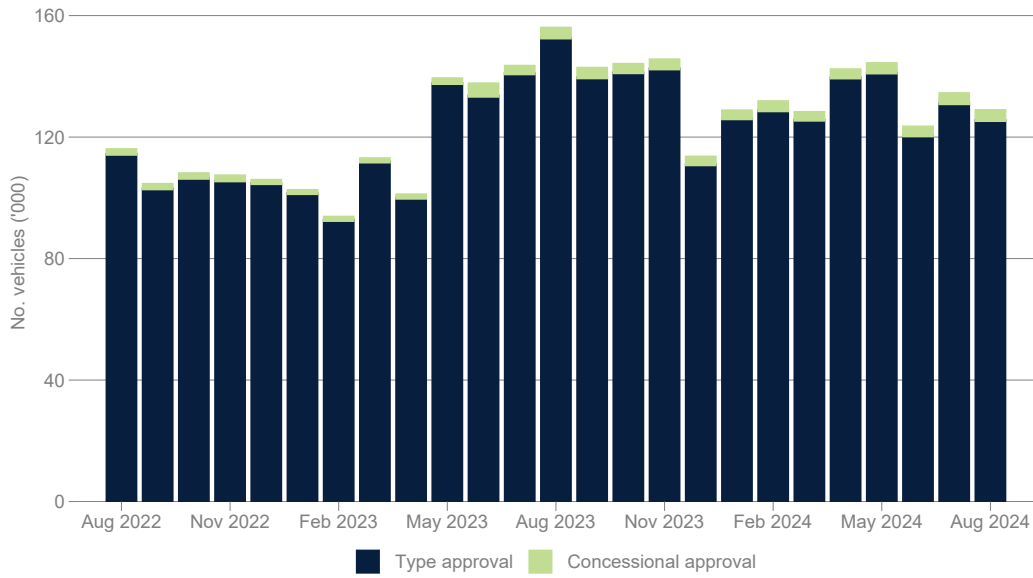
<sup>a</sup> Table may include revisions to previously published estimates arising from updates to the RAV to correct errors or remove entries.

<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.

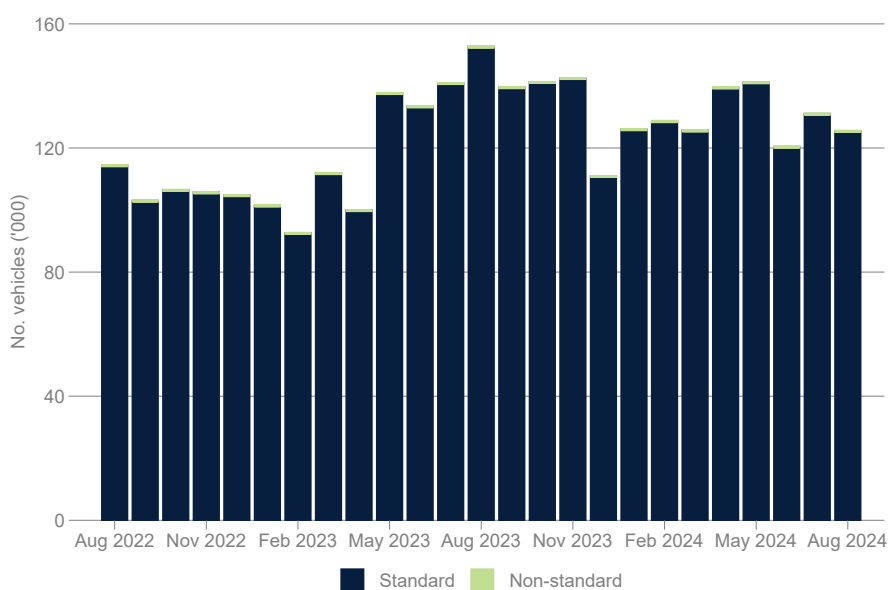
**Table 2 Type approval RAV vehicle entries, by entry pathway and month, August 2024<sup>a</sup>**

Month <sup>b</sup>	Type approvals			Total <sup>c</sup>
	Standard	Non-standard	SSM	
Aug 2024	125,313	112	4,207	125,425
Jul 2024	130,857	104	4,256	130,961
Jun 2024	120,226	148	3,990	120,374
May 2024	140,978	103	5,362	141,081
Apr 2024	139,318	120	4,369	139,438
Mar 2024	125,466	75	4,566	125,541
Feb 2024	128,439	192	5,225	128,631
Jan 2024	125,854	152	4,209	126,006
Dec 2023	110,794	61	4,133	110,855
Nov 2023	142,357	62	4,680	142,419
Oct 2023	141,088	77	5,157	141,165
Sep 2023	139,392	90	6,763	139,482
Aug 2023	152,472	131	5,436	152,603
Jul 2023	140,731	77	4,156	140,808
Jun 2023	133,198	226	4,098	133,424
May 2023	137,505	103	4,229	137,608
Apr 2023	99,782	67	3,022	99,849
Mar 2023	111,698	69	4,086	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

<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, August 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	
Aug 2024	2,264	0	462	477	4	102	34	3,343
Jul 2024	2,196	1	430	527	81	97	36	3,367
Jun 2024	1,936	0	333	419	84	77	121	2,970
May 2024	2,218	0	384	343	96	86	20	3,147
Apr 2024	1,818	0	372	440	27	63	34	2,754
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	385	469	24	101	23	2,662
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	431	426	113	421	2,537
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

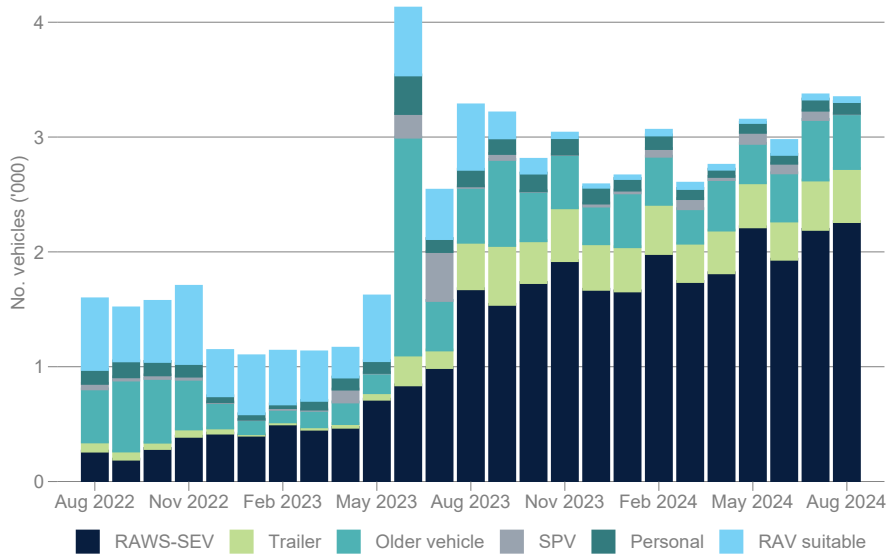
<sup>a</sup> Table may include revisions to previously published estimates arising from updates to the RAV to correct errors or remove entries.

<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, August 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>
Aug 2024	79,787	19,548	4,197	2,165	628	4,227	110,552
Jul 2024	80,670	22,630	4,422	2,110	741	5,063	115,636
Jun 2024	78,375	17,993	4,178	1,862	635	3,026	106,069
May 2024	87,815	23,563	4,688	2,268	805	6,545	125,684
Apr 2024	87,077	24,627	4,608	2,051	486	7,157	126,006
Mar 2024	76,207	23,035	3,680	2,089	278	4,959	110,248
Feb 2024	77,507	24,001	4,531	2,149	359	4,878	113,425
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	31,546	4,503	1,974	451	5,548	124,370
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	1,668	442	5,176	96,295
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

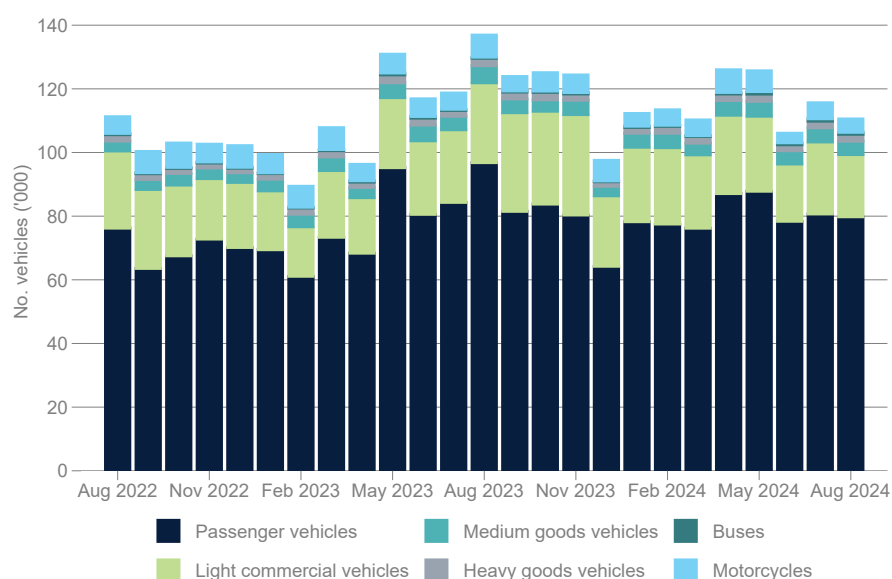
<sup>a</sup> Table may include revisions to previously published estimates arising from updates to the RAV to correct errors or remove entries.

<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 trailer type and month, August 2024<sup>ab</sup>**

Month <sup>c</sup>	Very light trailers	Light trailers	Medium trailers	Heavy trailers	Total <sup>d</sup>
Aug 2024	2,449	10,139	707	1,578	14,873
Jul 2024	3,047	10,041	669	1,568	15,325
Jun 2024	2,578	9,634	563	1,530	14,305
May 2024	2,473	10,537	679	1,708	15,397
Apr 2024	2,357	8,879	632	1,564	13,432
Mar 2024	3,082	10,138	595	1,478	15,293
Feb 2024	2,895	10,218	540	1,553	15,206
Jan 2024	3,174	8,549	431	1,578	13,732
Dec 2023	2,782	8,890	546	1,090	13,308
Nov 2023	3,306	12,362	625	1,756	18,049
Oct 2023	2,910	10,846	655	1,664	16,075
Sep 2023	3,096	10,243	602	1,643	15,584
Aug 2023	2,422	10,790	524	1,962	15,698
Jul 2023	5,986	14,029	536	1,556	22,107
Jun 2023	4,005	10,664	169	1,701	16,539
May 2023	206	4,805	220	1,476	6,707
Apr 2023	57	2,280	118	1,099	3,554
Mar 2023	108	2,428	61	1,343	3,940
Feb 2023	91	1,796	41	1,188	3,116
Jan 2023	68	765	38	1,103	1,974
Dec 2022	120	1,505	50	804	2,479
Nov 2022	32	1,480	18	1,409	2,939
Oct 2022	19	1,647	11	1,737	3,414
Sep 2022	49	1,302	61	1,175	2,587
Aug 2022	113	1,810	26	1,100	3,049

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

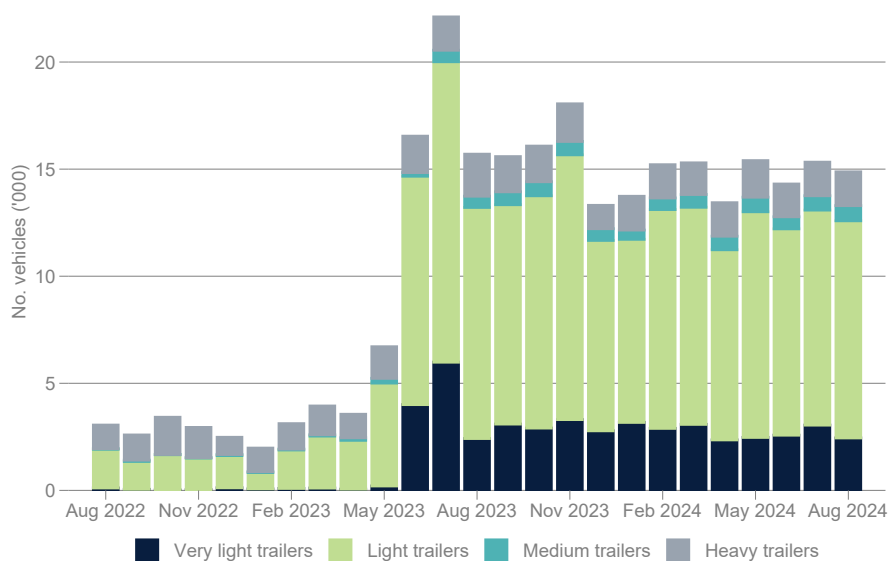
<sup>b</sup> Prior to the July 2024 issue, very light trailer RAV entries were not separately enumerated and combined with light trailer RAV entries.

<sup>c</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>d</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.

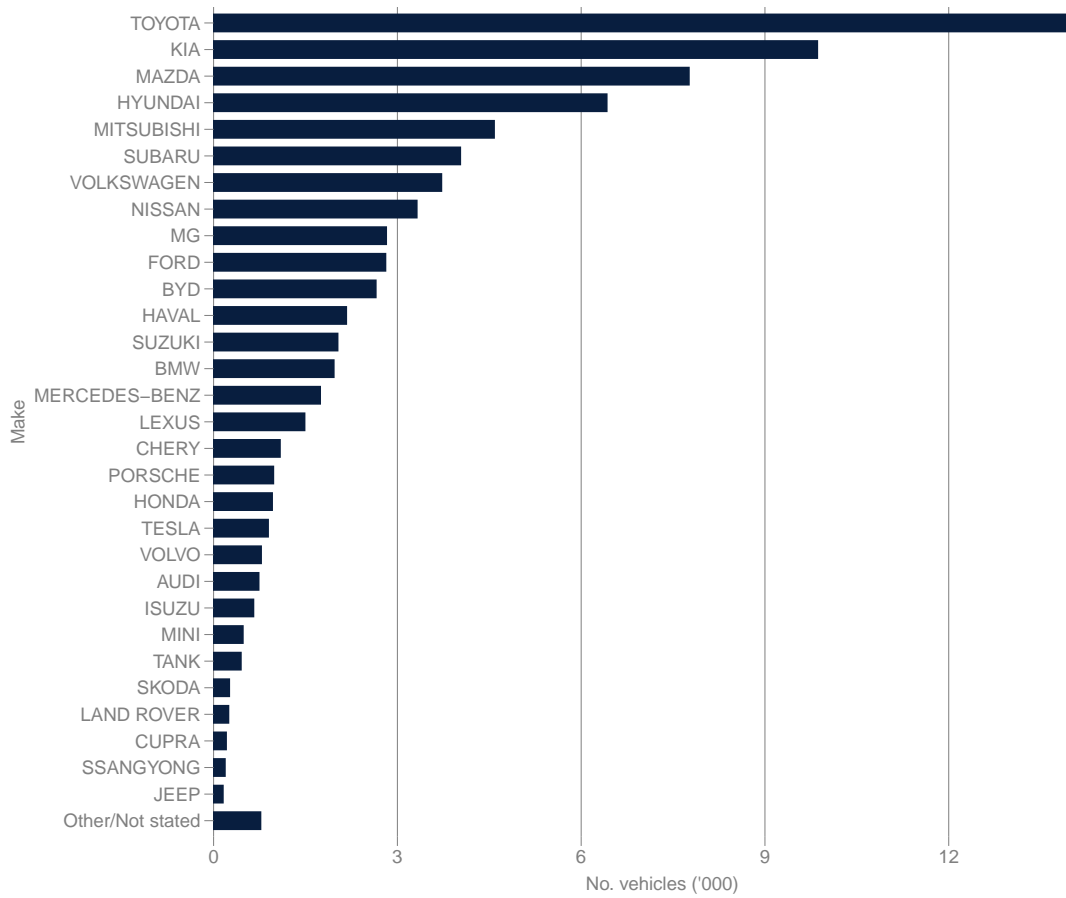
## Type approval RAV entries by vehicle class and make

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

Rank	Make	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
1	Toyota	13,963	15,620	15,334	110,955	162,625
2	Kia	9,845	8,053	7,801	66,802	90,055
3	Mazda	7,749	6,789	11,067	57,048	85,647
4	Hyundai	6,408	6,927	6,195	47,581	71,641
5	Mitsubishi	4,569	4,977	4,904	38,949	58,303
6	Subaru	4,017	3,989	4,471	28,772	44,208
7	Volkswagen	3,709	3,578	2,678	19,114	29,616
8	Nissan	3,307	2,844	5,913	23,495	38,941
9	MG	2,808	4,238	5,541	30,689	50,538
10	Ford	2,796	2,934	1,825	19,813	27,719
11	BYD	2,638	1,527	1,099	13,331	16,716
12	Haval	2,156	2,005	2,336	17,927	25,556
13	Suzuki	2,015	1,945	1,640	15,134	19,765
14	BMW	1,952	2,355	2,556	17,938	28,166
15	Mercedes-Benz	1,730	2,178	2,215	14,160	20,807
16	Lexus	1,476	1,196	1,796	8,835	12,614
17	Chery	1,074	928	926	6,479	9,253
18	Porsche	966	524	783	5,125	6,863
19	Honda	946	651	1,426	11,671	18,712
20	Tesla	880	24	6,534	27,925	39,869
21	Volvo	766	822	1,233	5,729	8,716
22	Audi	726	590	912	10,884	17,471
23	Isuzu	641	1,414	1,385	16,493	21,372
24	MINI	468	735	411	2,952	3,931
25	Tank	436	549	56	4,096	6,346
26	Skoda	246	249	629	2,921	5,624
27	Land Rover	233	1,051	1,636	5,679	8,454
28	Cupra	194	132	427	1,568	3,050
29	Ssangyong	175	115	35	1,806	3,544
30	Jeep	142	92	228	1,072	1,883
31	Other/Not stated	756	1,639	2,810	10,736	17,536
Total	-	79,787	80,670	96,802	645,679	955,541

<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, August 2024**

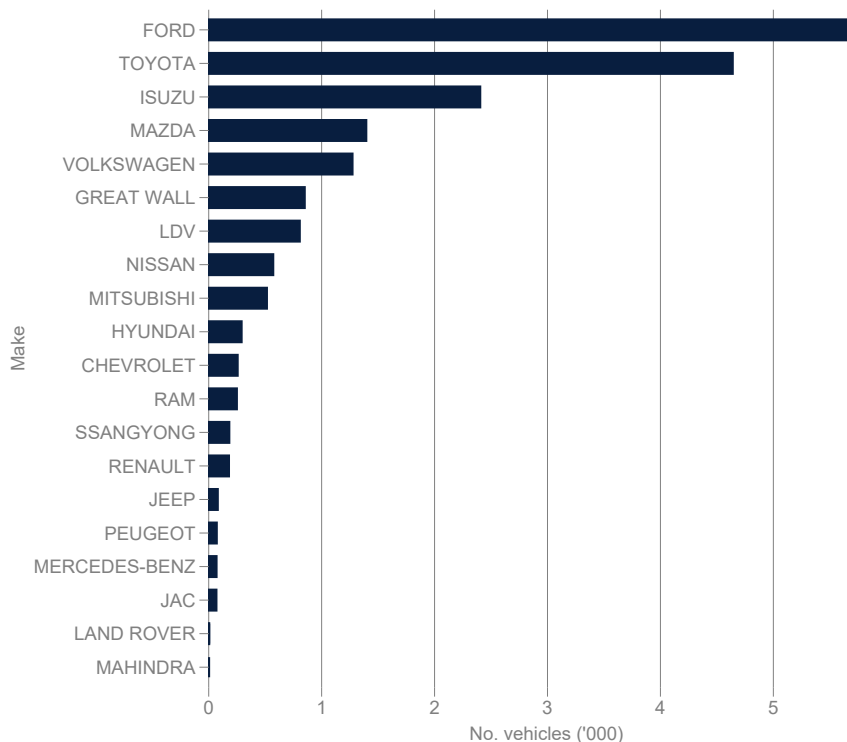


Sources: RAV and BITRE estimates.

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

Rank	Make	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
1	Ford	5,699	7,382	4,917	51,171	83,451
2	Toyota	4,637	5,805	7,109	46,707	73,007
3	Isuzu	2,401	2,793	4,287	20,602	35,670
4	Mazda	1,392	1,666	1,559	8,613	15,766
5	Volkswagen	1,270	445	1,386	6,977	12,399
6	Great Wall	847	856	679	6,171	9,003
7	LDV	803	731	1,107	6,587	10,883
8	Nissan	568	571	1,611	6,348	11,520
9	Mitsubishi	512	746	1,043	11,558	20,279
10	Hyundai	288	182	200	2,917	3,686
11	Chevrolet	253	327	350	2,025	3,275
12	RAM	246	236	584	2,909	4,397
13	Ssangyong	179	484	0	3,559	5,204
14	Renault	176	209	43	1,380	2,110
15	Jeep	77	120	43	297	438
16	Peugeot	68	26	38	573	1,079
17	Mercedes-Benz	66	22	128	282	362
18	Jac	65	27	0	110	110
19	Land Rover	1	2	0	5	11
20	Mahindra	0	0	0	0	0
Total	-	19,548	22,630	25,084	178,791	292,650

<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, August 2024**

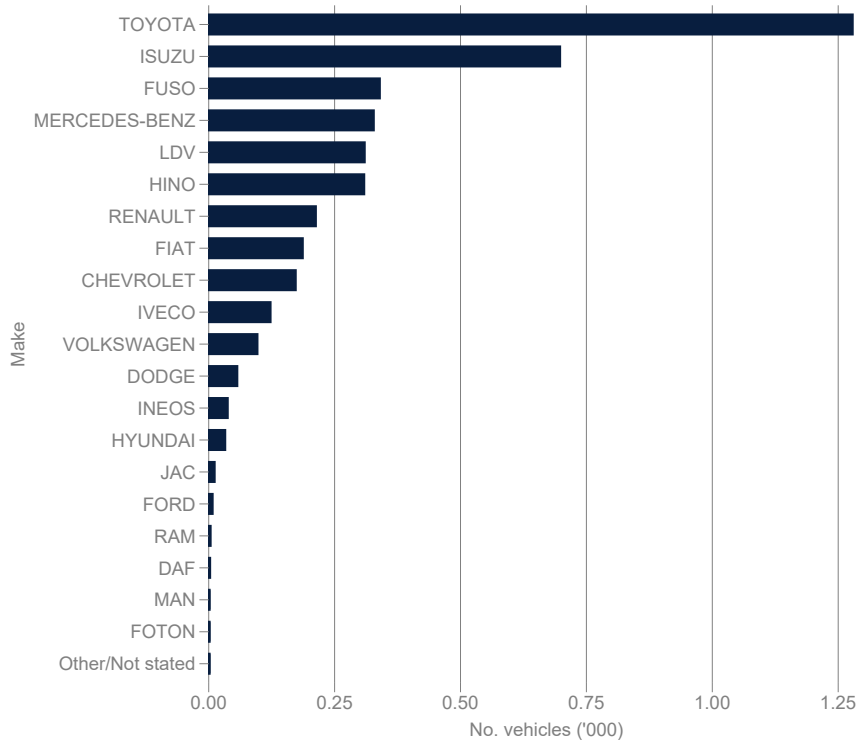
Sources: RAV and BITRE estimates.

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

Rank	Make	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
1	Toyota	1,278	1,492	1,629	9,341	14,750
2	Isuzu	697	645	935	6,208	8,698
3	Fuso	339	244	360	1,961	2,834
4	Mercedes-Benz	327	266	286	3,079	3,941
5	LDV	309	248	193	2,048	3,295
6	Hino	308	347	369	2,386	3,413
7	Renault	212	205	441	1,681	2,213
8	Fiat	186	107	155	1,596	2,060
9	Chevrolet	172	142	100	1,068	1,366
10	IVECO	122	188	355	1,227	1,649
11	Volkswagen	96	67	124	658	960
12	Dodge	56	50	146	694	1,039
13	Ineos	37	54	91	508	1,079
14	Hyundai	32	24	20	252	345
15	Jac	11	2	4	25	50
16	Ford	7	272	107	1,568	1,829
17	RAM	3	52	56	238	357
18	DAF	2	0	0	2	2
19	Foton	1	3	5	92	148
20	MAN	1	3	1	8	11
21	Other/Not stated	1	11	1	86	106
Total	-	4,197	4,422	5,378	34,726	50,145

<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, August 2024**



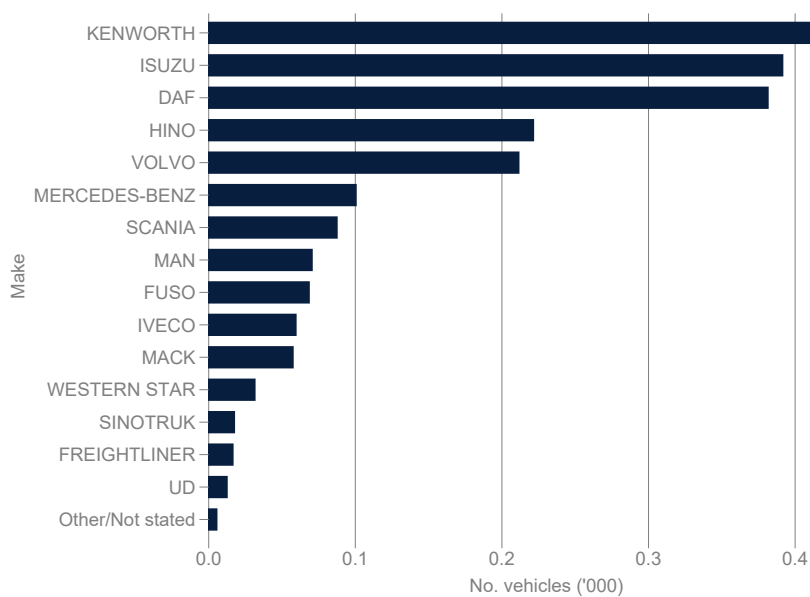
Sources: RAV and BITRE estimates.



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

Rank	Make	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
1	Kenworth	439	436	453	2,889	4,287
2	Isuzu	391	402	517	3,017	4,333
3	DAF	381	48	101	951	1,308
4	Hino	221	255	243	1,604	2,172
5	Volvo	211	263	263	2,267	3,381
6	Mercedes-Benz	100	146	117	964	1,414
7	Scania	87	116	149	967	1,478
8	MAN	70	51	68	376	601
9	Fuso	68	77	87	816	1,330
10	IVECO	59	77	29	493	698
11	Mack	57	57	115	556	974
12	Western Star	31	20	18	241	329
13	Sinotruk	17	82	0	396	548
14	Freightliner	16	36	28	257	370
15	UD	12	30	116	540	929
16	Other/Not stated	5	14	19	161	219
Total	-	2,165	2,110	2,323	16,495	24,371

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

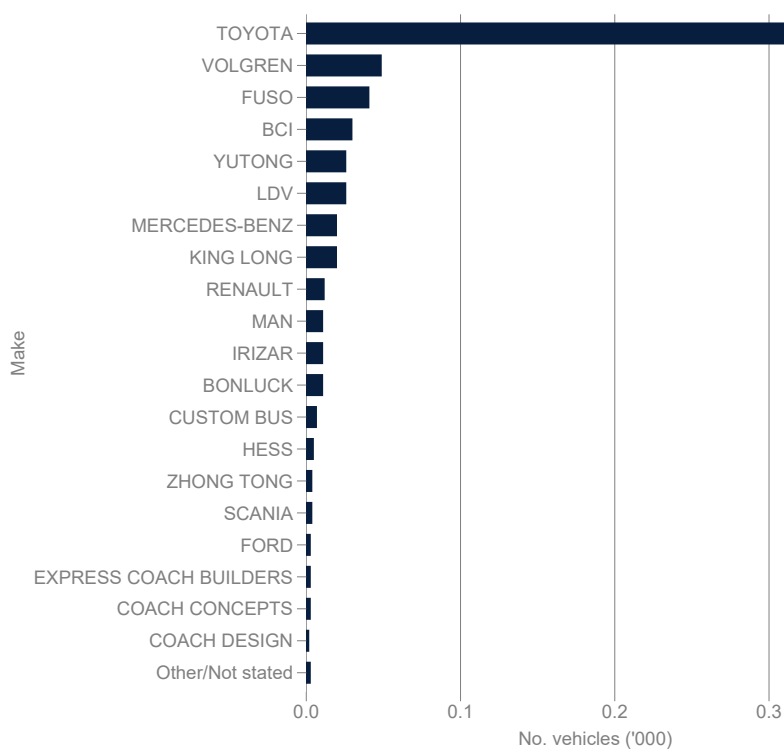
**Figure 9 Type approval RAV entries, heavy goods vehicles, top 15 makes, August 2024**

Sources: RAV and BITRE estimates.

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

Rank	Make	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
1	Toyota	357	484	205	2,269	3,041
2	Volgren	48	59	33	373	490
3	Fuso	40	12	31	193	306
4	BCI	29	39	19	169	201
5	LDV	25	0	4	314	473
6	Yutong	25	34	19	228	305
7	King Long	19	16	0	96	143
8	Mercedes-Benz	19	7	2	96	107
9	Renault	11	2	0	13	13
10	Bonluck	10	3	5	33	36
11	Irizar	10	13	12	144	194
12	MAN	10	2	1	22	22
13	Custom Bus	6	6	12	72	109
14	Hess	4	2	0	26	26
15	Scania	3	0	0	29	49
16	Zhong Tong	3	0	0	3	3
17	Coach Concepts	2	1	2	19	24
18	Express Coach Builders	2	2	6	14	25
19	Ford	2	18	0	101	101
20	Coach Design	1	3	4	10	16
21	Other/Not stated	2	38	7	102	132
Total	-	628	741	362	4,326	5,816

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

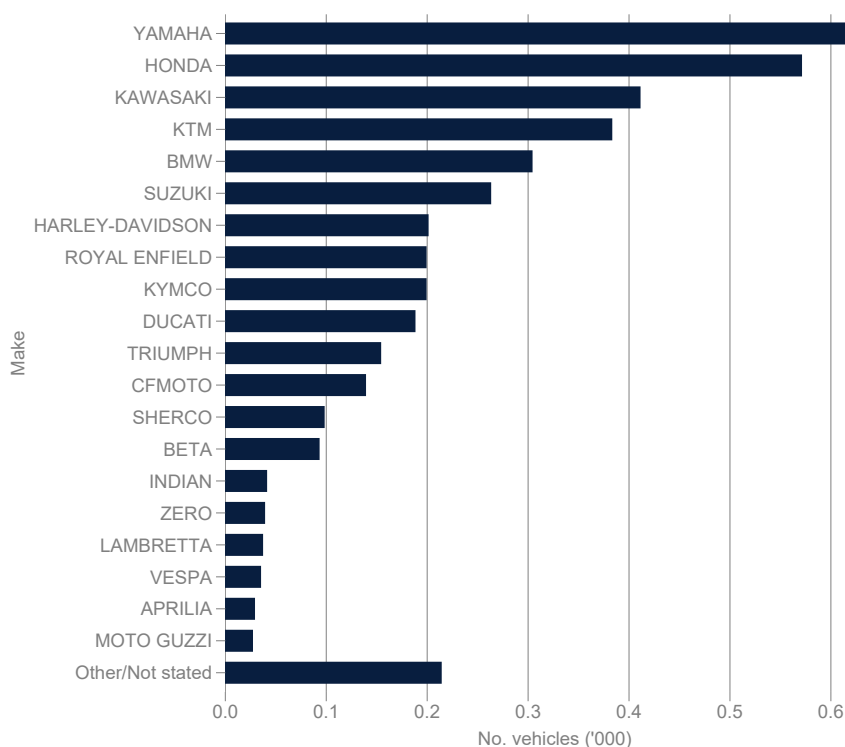
**Figure 10 Type approval RAV entries, all buses, top 20 makes, August 2024**

Sources: RAV and BITRE estimates.

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

Rank	Make	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
1	Yamaha	622	1,004	1,115	5,722	9,829
2	Honda	570	400	1,069	5,953	9,071
3	Kawasaki	410	483	727	3,440	4,878
4	KTM	382	441	1,183	3,234	7,221
5	BMW	303	322	294	2,479	3,296
6	Suzuki	262	155	406	1,615	2,760
7	Harley-Davidson	200	475	275	3,626	5,045
8	Kymco	198	94	327	1,182	1,941
9	Royal Enfield	198	176	206	1,656	2,034
10	Ducati	187	207	212	1,092	1,539
11	Triumph	153	163	114	2,038	2,635
12	CFMoto	138	326	38	2,354	2,892
13	Sherco	97	0	0	215	365
14	Beta	92	46	124	480	644
15	Indian	40	22	106	469	833
16	Zero	38	74	0	481	481
17	Lambretta	36	0	0	123	123
18	Vespa	34	34	107	302	480
19	Aprilia	28	27	42	184	254
20	Moto Guzzi	26	14	9	109	148
21	Other/Not stated	213	600	602	3,123	5,807
Total	-	4,227	5,063	6,956	39,877	62,276

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

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Toyota	RAV4	7,118	7,092	3,452	40,807	50,594
	COROLLA	2,171	3,631	3,731	24,599	35,261
	YARIS	1,640	381	827	7,181	11,000
	LANDCRUISER	1,230	1,509	1,553	10,242	15,376
	Other/Not stated	1,804	3,007	5,771	28,126	50,394
	Total	13,963	15,620	15,334	110,955	162,625
Kia	SPORTAGE	3,049	2,621	1,676	17,136	23,435
	CERATO	2,397	2,113	538	15,379	18,357
	CARNIVAL	1,154	769	1,264	8,036	10,766
	RIO	861	535	415	4,219	6,225
	SORENTO	756	548	1,132	7,448	9,489
	PICANTO	731	365	1,080	4,226	6,308
	SELTOS	725	608	1,150	6,264	9,145
	Other/Not stated	172	494	546	4,094	6,330
Total	9,845	8,053	7,801	66,802	90,055	
Mazda	CX-3	2,783	2,463	1,599	13,853	19,273
	CX-5	1,774	1,548	3,736	17,638	25,307
	CX-30	1,445	1	2,022	9,425	14,262
	MAZDA 2	1,006	885	405	4,495	6,284
	Other/Not stated	741	1,892	3,305	11,637	20,521
	Total	7,749	6,789	11,067	57,048	85,647
Hyundai	I30	1,838	765	1,710	8,963	14,492
	TUCSON	1,636	2,623	2,066	13,401	20,708
	KONA	1,624	1,322	1,058	12,547	17,499
	VENUE	620	752	373	4,714	6,669
	Other/Not stated	690	1,465	988	7,956	12,273
	Total	6,408	6,927	6,195	47,581	71,641
Mitsubishi	OUTLANDER	2,435	2,223	3,047	18,357	27,340
	ASX	895	1,439	863	8,148	12,117
	ECLIPSE	795	772	818	7,156	9,626
	PAJERO	444	543	176	5,288	9,220
	Total	4,569	4,977	4,904	38,949	58,303
Subaru	CROSSTREK	1,248	1,281	984	8,057	12,038
	FORESTER	1,231	1,467	1,450	9,215	15,172
	OUTBACK	1,023	742	1,607	7,534	11,656
	WRX	233	230	269	1,486	2,153
	Other/Not stated	282	269	161	2,480	3,189
	Total	4,017	3,989	4,471	28,772	44,208
Volkswagen	T-ROC	1,354	1,384	592	7,216	10,835
	T-CROSS	1,031	472	188	1,507	2,564
	TIGUAN	558	734	1,210	6,168	9,810
	GOLF	373	550	459	1,770	2,694
	POLO	228	176	139	1,215	1,946
	Other/Not stated	165	262	90	1,238	1,767
	Total	3,709	3,578	2,678	19,114	29,616
Nissan	X-TRAIL	1,440	1,452	3,248	10,679	17,310
	QASHQAI	1,031	271	301	5,375	8,424
	PATROL	704	833	2,047	5,870	9,565
	Other/Not stated	132	288	317	1,571	3,642
	Total	3,307	2,844	5,913	23,495	38,941
MG	AZS1	1,165	1,664	2,914	13,293	20,201
	MG3	408	865	1,261	6,744	11,765
	MG5	275	625	405	3,504	5,851
	HS	253	657	123	2,377	4,163
	Other/Not stated	707	427	838	4,771	8,558
	Total	2,808	4,238	5,541	30,689	50,538

(continued)

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

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Ford	EVEREST	2,421	2,770	1,583	17,665	24,256
	Other/Not stated	375	164	242	2,148	3,463
	Total	2,796	2,934	1,825	19,813	27,719
BYD	ATTO3	454	315	1,099	1,726	2,638
	Other/Not stated	2,184	1,212	0	11,605	14,078
	Total	2,638	1,527	1,099	13,331	16,716
Haval	JOLION	1,212	1,021	890	9,446	13,104
	H6	944	984	1,446	8,481	12,451
	Other/Not stated	0	0	0	0	1
	Total	2,156	2,005	2,336	17,927	25,556
Suzuki	JIMNY	437	642	387	2,702	3,409
	VITARA	337	207	252	1,958	2,931
	IGNIS	165	181	161	1,278	1,765
	Other/Not stated	1,076	915	840	9,196	11,660
	Total	2,015	1,945	1,640	15,134	19,765
BMW	X SERIES	635	1,008	1,059	6,622	10,584
	X1	446	545	678	3,268	5,621
	4 SERIES	173	230	185	2,263	3,103
	3 SERIES	164	143	211	1,761	2,963
	2 SERIES	124	124	172	1,432	2,363
	Other/Not stated	410	305	251	2,592	3,532
	Total	1,952	2,355	2,556	17,938	28,166
Mercedes-Benz	X254	408	591	592	3,061	4,342
	H247	396	368	97	1,792	2,420
	206	140	195	85	1,586	2,044
	X247	114	144	26	922	1,123
	V167	108	180	105	1,061	2,154
	177	107	168	175	1,496	2,071
	Other/Not stated	457	532	1,135	4,242	6,653
	Total	1,730	2,178	2,215	14,160	20,807
Lexus	NX AZ2	769	616	813	4,090	5,820
	RX AL3	253	231	484	1,556	2,089
	ES XZ1L	79	62	137	676	1,143
	Other/Not stated	375	287	362	2,513	3,562
	Total	1,476	1,196	1,796	8,835	12,614
Chery	OMODA 5	571	603	926	3,645	4,425
	Other/Not stated	503	325	0	2,834	4,828
	Total	1,074	928	926	6,479	9,253
Porsche	MACAN	399	184	323	2,115	2,926
	CAYENNE	266	168	262	1,386	1,823
	982	126	67	54	635	740
	911	107	61	84	683	864
	TAYCAN	59	39	51	246	441
	Other/Not stated	9	5	9	60	69
	Total	966	524	783	5,125	6,863
Honda	CR-V	546	142	280	4,366	7,930
	HR-V	255	90	408	2,336	3,330
	ZR-V	143	362	605	3,985	5,809
	Other/Not stated	2	57	133	984	1,643
	Total	946	651	1,426	11,671	18,712
Tesla	MODEL 3	550	24	1,341	13,659	18,497
	MODEL Y	330	0	5,193	14,266	21,372
	Total	880	24	6,534	27,925	39,869
Volvo	X SERIES	393	341	862	1,981	4,080
	XC60	154	145	232	1,135	1,575
	Other/Not stated	219	336	139	2,613	3,061
	Total	766	822	1,233	5,729	8,716

(continued)

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

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Audi	Q5	218	108	266	1,716	2,910
	Q7	192	143	24	724	1,384
	Q8	66	41	17	328	517
	GY	66	94	182	2,137	3,463
	Q3	64	52	137	3,451	4,967
	A6	38	61	14	269	410
	Other/Not stated	82	91	272	2,259	3,820
	<b>Total</b>	<b>726</b>	<b>590</b>	<b>912</b>	<b>10,884</b>	<b>17,471</b>
Isuzu	MU-X	641	1,414	1,385	16,493	21,372
	<b>Total</b>	<b>641</b>	<b>1,414</b>	<b>1,385</b>	<b>16,493</b>	<b>21,372</b>
MINI	Other/Not stated	468	735	411	2,952	3,931
	<b>Total</b>	<b>468</b>	<b>735</b>	<b>411</b>	<b>2,952</b>	<b>3,931</b>
Tank	300	220	227	56	2,633	4,882
	Other/Not stated	216	322	0	1,463	1,464
	<b>Total</b>	<b>436</b>	<b>549</b>	<b>56</b>	<b>4,096</b>	<b>6,346</b>
All other makes	<b>Total</b>	<b>1,746</b>	<b>3,278</b>	<b>5,765</b>	<b>23,782</b>	<b>40,091</b>
<b>Total</b>	<b>Total</b>	<b>79,787</b>	<b>80,670</b>	<b>96,802</b>	<b>645,679</b>	<b>955,541</b>

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

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Ford	RANGER	4,510	6,443	4,593	44,540	75,272
	F150	600	617	7	2,742	3,570
	Other/Not stated	589	322	317	3,889	4,609
	Total	5,699	7,382	4,917	51,171	83,451
Toyota	HILUX	3,542	4,590	6,412	38,191	61,710
	HIACE	1,095	1,215	697	8,516	11,297
	Other/Not stated	0	0	0	0	0
	Total	4,637	5,805	7,109	46,707	73,007
Isuzu	D-MAX	2,401	2,793	4,287	20,602	35,670
	Total	2,401	2,793	4,287	20,602	35,670
Mazda	BT-50	1,392	1,666	1,559	8,613	15,766
	Total	1,392	1,666	1,559	8,613	15,766
Volkswagen	TRANSPORTER	181	44	105	629	1,058
	Other/Not stated	1,089	401	1,281	6,348	11,341
	Total	1,270	445	1,386	6,977	12,399
Great Wall	CANNON	578	592	679	5,280	8,112
	Other/Not stated	269	264	0	891	891
	Total	847	856	679	6,171	9,003
LDV	T60	649	527	678	4,775	7,597
	G10	153	199	418	1,623	3,021
	Other/Not stated	1	5	11	189	265
	Total	803	731	1,107	6,587	10,883
Nissan	NAVARA	568	571	1,611	6,348	11,520
	Total	568	571	1,611	6,348	11,520
Mitsubishi	TRITON	247	239	1,043	2,265	10,986
	Other/Not stated	265	507	0	9,293	9,293
	Total	512	746	1,043	11,558	20,279
Hyundai	STARIA	288	182	200	2,917	3,686
	Total	288	182	200	2,917	3,686
Chevrolet	SILVERADO	253	327	350	2,025	3,275
	Total	253	327	350	2,025	3,275
RAM	1500	246	236	584	2,909	4,397
	Total	246	236	584	2,909	4,397
Ssangyong	MUSSO	179	484	0	3,559	5,204
	Total	179	484	0	3,559	5,204
Renault	TRAFIC	66	164	43	1,121	1,851
	Other/Not stated	110	45	0	259	259
	Total	176	209	43	1,380	2,110
Jeep	GLADIATOR	77	120	43	297	438
	Total	77	120	43	297	438
Peugeot	PARTNER	59	10	35	292	611
	EXPERT	9	16	2	281	468
	Other/Not stated	0	0	1	0	0
	Total	68	26	38	573	1,079
Mercedes-Benz	VITO	66	22	125	278	339
	Other/Not stated	0	0	3	4	23
	Total	66	22	128	282	362
Jac	Other/Not stated	65	27	0	110	110
	Total	65	27	0	110	110
Land Rover	DEFENDER	1	2	0	5	11
	Total	1	2	0	5	11
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, August 2024<sup>a</sup>  
(continued)**

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Total	Total	19,548	22,630	25,084	178,791	292,650

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

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Toyota	LANDCRUISER	1,213	1,423	1,629	8,983	14,295
	TUNDRA	65	68	0	356	452
	Other/Not stated	0	1	0	2	3
	Total	1,278	1,492	1,629	9,341	14,750
Isuzu	NH NP	162	142	219	1,332	1,860
	NLR	157	232	183	1,682	2,239
	NPR	114	91	200	1,088	1,590
	NNR	89	65	137	590	909
	NQR	88	56	53	511	744
	FRR	76	48	130	905	1,208
	Other/Not stated	11	11	13	100	148
	Total	697	645	935	6,208	8,698
Fuso	CANTER	252	172	340	1,490	2,196
	FIGHTER	86	72	20	465	632
	Other/Not stated	1	0	0	6	6
	Total	339	244	360	1,961	2,834
Mercedes-Benz	SPRINTER	324	258	286	3,034	3,893
	Other/Not stated	3	8	0	45	48
	Total	327	266	286	3,079	3,941
LDV	DELIVER 9	303	245	193	1,883	3,126
	Other/Not stated	6	3	0	165	169
	Total	309	248	193	2,048	3,295
Hino	300 SERIES	228	251	267	1,847	2,655
	FC	40	54	44	233	334
	FD	36	32	56	245	350
	Other/Not stated	4	10	2	61	74
	Total	308	347	369	2,386	3,413
Renault	MASTER	212	205	441	1,681	2,213
	Total	212	205	441	1,681	2,213
Fiat	DUCATO	186	107	155	1,596	2,060
	Total	186	107	155	1,596	2,060
Chevrolet	SILVERADO	172	142	100	1,068	1,366
	Total	172	142	100	1,068	1,366
IVECO	DAILY	122	188	355	1,223	1,643
	Other/Not stated	0	0	0	4	6
	Total	122	188	355	1,227	1,649
Volkswagen	CRAFTER	96	67	124	658	960
	Total	96	67	124	658	960
Dodge	RAM D1	54	48	120	656	974
	Other/Not stated	2	2	26	38	65
	Total	56	50	146	694	1,039
Ineos	GRENADIER	37	54	91	508	1,079
	Total	37	54	91	508	1,079
Hyundai	MIGHTY	32	23	19	217	302
	Other/Not stated	0	1	1	35	43
	Total	32	24	20	252	345
Jac	Other/Not stated	11	2	4	25	50
	Total	11	2	4	25	50
Ford	TRANSIT	7	272	107	1,568	1,822
	Other/Not stated	0	0	0	0	7
	Total	7	272	107	1,568	1,829
RAM	1500	3	52	56	238	357
	Total	3	52	56	238	357
DAF	LF45	2	0	0	2	2
	Total	2	0	0	2	2

(continued)

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

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Foton	IBLUE	1	1	3	53	68
	Other/Not stated	0	2	2	39	80
	Total	1	3	5	92	148
MAN	TGL	1	3	1	8	11
	Total	1	3	1	8	11
All other makes	Total	1	11	1	86	106
Total	Total	4,197	4,422	5,378	34,726	50,145

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

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Kenworth	T909	122	105	67	636	883
	T610	97	117	96	724	1,099
	K220	63	73	32	450	521
	T659	49	48	36	289	401
	T410	36	32	31	184	272
	T360	29	22	31	158	228
	C509	26	20	16	112	159
	Other/Not stated	17	19	144	336	724
	<b>Total</b>	<b>439</b>	<b>436</b>	<b>453</b>	<b>2,889</b>	<b>4,287</b>
Isuzu	FVZ	106	112	73	541	805
	FSR	82	75	139	791	1,087
	FYH	75	56	86	518	733
	FXZ	39	45	47	406	546
	FTR	32	4	16	82	113
	FVR	21	50	35	300	406
	Other/Not stated	36	60	121	379	643
		<b>Total</b>	<b>391</b>	<b>402</b>	<b>517</b>	<b>3,017</b>
DAF	CF17	301	45	82	721	1,045
	XF17	41	3	19	159	191
	Other/Not stated	39	0	0	71	72
		<b>Total</b>	<b>381</b>	<b>48</b>	<b>101</b>	<b>951</b>
Hino	FM	54	43	18	363	420
	FE	38	70	107	385	612
	FG	35	45	30	234	303
	FS	23	17	22	132	171
	FL	20	27	27	93	126
	GH	19	33	16	143	194
	GT	14	1	11	119	158
	Other/Not stated	18	19	12	135	188
	<b>Total</b>	<b>221</b>	<b>255</b>	<b>243</b>	<b>1,604</b>	<b>2,172</b>
Volvo	FM	79	95	86	828	1,240
	FH	74	125	137	1,117	1,650
	FE	56	42	26	316	472
	Other/Not stated	2	1	14	6	19
		<b>Total</b>	<b>211</b>	<b>263</b>	<b>263</b>	<b>2,267</b>
Mercedes-Benz	96X	83	125	112	847	1,271
	ECONIC	16	13	4	69	83
	Other/Not stated	1	8	1	48	60
		<b>Total</b>	<b>100</b>	<b>146</b>	<b>117</b>	<b>964</b>
Scania	R SERIES	47	47	38	493	717
	G SERIES	21	47	63	268	438
	P SERIES	18	22	48	202	316
	Other/Not stated	1	0	0	4	7
		<b>Total</b>	<b>87</b>	<b>116</b>	<b>149</b>	<b>967</b>
MAN	TGA	52	29	52	275	445
	TG4	16	18	0	62	63
	Other/Not stated	2	4	16	39	93
		<b>Total</b>	<b>70</b>	<b>51</b>	<b>68</b>	<b>376</b>
Fuso	FIGHTER	46	46	14	396	576
	FV SERIES	11	23	64	311	583
	FS SERIES	10	8	8	99	156
	Other/Not stated	1	0	1	10	15
		<b>Total</b>	<b>68</b>	<b>77</b>	<b>87</b>	<b>816</b>
IVECO	S-WAY	37	69	16	334	461
	EUROCARGO	10	2	10	58	118
	ASTRA	7	0	3	12	13
	ACCO	3	2	0	55	55
	Other/Not stated	2	4	0	34	51
		<b>Total</b>	<b>59</b>	<b>77</b>	<b>29</b>	<b>493</b>

(continued)

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

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Mack	SUPERLINER	20	20	37	192	349
	ANTHEM	18	7	21	145	251
	METROLINER	10	17	16	86	159
	TRIDENT	9	13	41	133	215
	Total	57	57	115	556	974
Western Star	X-SERIES	31	20	18	241	329
	Total	31	20	18	241	329
Sinotruk	T5G	8	34	0	181	264
	C7H	8	42	0	198	266
	Other/Not stated	1	6	0	17	18
	Total	17	82	0	396	548
Freightliner	CASCADIA	16	36	28	257	370
	Total	16	36	28	257	370
UD	CGB	5	7	37	134	192
	CWB	4	10	27	164	226
	CDB	3	1	7	76	111
	Other/Not stated	0	12	45	166	400
	Total	12	30	116	540	929
All other makes	Total	5	14	19	161	219
Total	Total	2,165	2,110	2,323	16,495	24,371

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

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Toyota	COMMUTER	334	465	181	2,069	2,774
	COASTER	23	19	24	200	267
	Total	357	484	205	2,269	3,041
Volgren	2 AXLE OMNIBUS	48	59	31	369	481
	Other/Not stated	0	0	2	4	9
	Total	48	59	33	373	490
Fuso	ROSA	40	12	31	193	306
	Total	40	12	31	193	306
BCI	PK6120AG	22	29	7	67	69
	PK6127A	4	7	11	62	82
	PK6850ARI	3	3	0	16	21
	Other/Not stated	0	0	1	24	29
	Total	29	39	19	169	201
LDV	DELIVER 9	25	0	4	314	473
	Total	25	0	4	314	473
Yutong	D7	11	12	12	88	128
	C12	10	13	0	71	85
	E12	2	8	0	10	10
	Other/Not stated	2	1	7	59	82
	Total	25	34	19	228	305
King Long	6120BS	12	13	0	53	78
	6911AY	5	3	0	41	62
	Other/Not stated	2	0	0	2	3
	Total	19	16	0	96	143
Mercedes-Benz	SPRINTER	19	7	2	96	107
	Total	19	7	2	96	107
Renault	MASTER	11	2	0	13	13
	Total	11	2	0	13	13
MAN	Other/Not stated	10	2	1	22	22
	Total	10	2	1	22	22
Irizar	COACH	10	13	12	144	194
	Total	10	13	12	144	194
Bonluck	Other/Not stated	10	3	5	33	36
	Total	10	3	5	33	36
Custom Bus	ELEMENT	4	4	5	41	61
	METRO	2	0	7	19	34
	Other/Not stated	0	2	0	12	14
	Total	6	6	12	72	109
Hess	LighTram	4	2	0	26	26
	Total	4	2	0	26	26
Scania	TOURING	3	0	0	19	34
	Other/Not stated	0	0	0	10	15
	Total	3	0	0	29	49
Zhong Tong	Other/Not stated	3	0	0	3	3
	Total	3	0	0	3	3
Express Coach Builders	OMNIBUS	2	2	6	14	25
	Total	2	2	6	14	25
Coach Concepts	EXPLORER	2	1	2	19	24
	Total	2	1	2	19	24
Ford	TRANSIT	2	18	0	101	101
	Total	2	18	0	101	101
Marcopolo	AUDACE	1	17	2	27	33
	Total	1	17	2	27	33
All other makes	Total	2	24	9	85	115

(continued)

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

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Total	Total	628	741	362	4,326	5,816

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

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Yamaha	YZF	106	175	60	814	1,354
	GPD150	72	40	8	512	832
	SEH2	64	64	0	799	1,017
	MTN890	62	140	80	466	751
	MTM890	58	61	29	261	355
	YZF1000	52	7	3	106	173
	WR SERIES	50	412	0	973	1,481
	YZF320	48	32	40	356	762
	MTN320	40	0	80	288	528
	Other/Not stated	70	73	815	1,147	2,576
Total	622	1,004	1,115	5,722	9,829	
Honda	CBF125	144	48	48	1,008	1,344
	CRF300	78	48	124	420	786
	CMX500	64	64	92	544	595
	Other/Not stated	284	240	805	3,981	6,346
	Total	570	400	1,069	5,953	9,071
Kawasaki	EX400	121	225	317	1,015	1,165
	ZX400	63	27	37	153	230
	KLX230	45	0	0	45	85
	ZR900	37	43	52	287	476
	EX650	34	12	40	172	336
	ZX636	28	63	8	130	176
	Other/Not stated	82	113	273	1,638	2,410
	Total	410	483	727	3,440	4,878
KTM	IS DUKE	126	84	168	505	715
	ADVENTURE	83	105	159	920	1,794
	DUKE	76	27	0	227	227
	2T-EXC	36	76	379	428	1,307
	IS RC	31	0	0	47	207
	4T-EXC	30	122	477	773	2,409
	Other/Not stated	0	27	0	334	562
Total	382	441	1,183	3,234	7,221	
BMW	S1000	81	77	45	544	704
	K50	77	74	87	485	689
	K8X	30	47	43	380	523
	R18	22	13	66	125	175
	Other/Not stated	93	111	53	945	1,205
	Total	303	322	294	2,479	3,296
Suzuki	DR-Z400	83	31	33	370	517
	DS250	36	23	29	244	335
	GSX250	26	16	0	132	233
	GSX-S1000	26	15	33	147	238
	GSX800	23	7	21	125	174
	DL650	19	7	19	103	150
	Other/Not stated	49	56	271	494	1,113
	Total	262	155	406	1,615	2,760
Harley-Davidson	FLH SERIES	126	185	53	1,072	1,367
	CRU SERIES	66	277	219	1,811	2,487
	Other/Not stated	8	13	3	743	1,191
	Total	200	475	275	3,626	5,045
Kymco	AGILITY SERIES	70	80	89	538	938
	LIKE SERIES	64	14	108	266	507
	CK50QT-5	36	0	76	207	271
	KG10AA	18	0	32	109	123
	PEOPLE SERIES	10	0	10	28	36
	Other/Not stated	0	0	12	34	66
	Total	198	94	327	1,182	1,941

(continued)

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

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Royal Enfield	CNEX	55	54	146	600	850
	J1	47	2	60	281	400
	Other/Not stated	96	120	0	775	784
	Total	198	176	206	1,656	2,034
Ducati	3D	45	59	16	166	220
	SCRAMBLER	21	0	4	21	21
	6A	16	7	14	48	54
	3F	15	20	13	88	127
	1X	15	41	10	138	219
	Other/Not stated	75	80	155	631	898
	Total	187	207	212	1,092	1,539
Triumph	DU SERIES	20	33	5	124	133
	PV SERIES	16	10	0	143	145
	ROCKET III	11	9	4	118	120
	H801	11	9	20	128	196
	Other/Not stated	95	102	85	1,525	2,041
	Total	153	163	114	2,038	2,635
CFMoto	CF400	128	224	32	1,387	1,718
	CF800	10	0	5	281	407
	Other/Not stated	0	102	1	686	767
	Total	138	326	38	2,354	2,892
Sherco	S6	97	0	0	215	365
	Total	97	0	0	215	365
Beta	RR	47	46	73	298	415
	X-TRAINER	45	0	35	131	157
	Other/Not stated	0	0	16	51	72
	Total	92	46	124	480	644
Indian	Other/Not stated	40	22	106	469	833
	Total	40	22	106	469	833
Zero	Other/Not stated	38	74	0	481	481
	Total	38	74	0	481	481
Lambretta	Other/Not stated	36	0	0	123	123
	Total	36	0	0	123	123
Vespa	Other/Not stated	34	34	107	302	480
	Total	34	34	107	302	480
Aprilia	TUAREG 660	3	17	32	126	164
	Other/Not stated	25	10	10	58	90
	Total	28	27	42	184	254
Moto Guzzi	Other/Not stated	26	14	9	109	148
	Total	26	14	9	109	148
All other makes	Total	213	600	602	3,123	5,807
<b>Total</b>	<b>Total</b>	<b>4,227</b>	<b>5,063</b>	<b>6,956</b>	<b>39,877</b>	<b>62,276</b>

<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, August 2024<sup>ab</sup>**

Month <sup>c</sup>	Vehicle type										Total <sup>d</sup>
	Pas-senger vehicles	Light commercial vehicles	Medium goods vehicles	Heavy goods vehicles	Motor-cycles	Very light trailers	Light trailers	Medium trailers	Heavy trailers	Not stated	
Aug 2024	1,866	332	65	4	1	125	298	33	6	613	3,343
Jul 2024	1,870	265	61	81	0	74	306	37	13	660	3,367
Jun 2024	1,563	287	86	82	0	54	236	28	17	617	2,970
May 2024	1,918	255	45	95	0	76	262	42	5	449	3,147
Apr 2024	1,521	262	35	27	0	80	242	40	10	537	2,754
Mar 2024	1,531	186	24	82	0	50	232	41	17	435	2,598
Feb 2024	1,654	301	31	67	0	65	285	59	19	578	3,059
Jan 2024	1,349	273	38	24	0	78	251	48	8	593	2,662
Dec 2023	1,386	259	30	24	0	66	256	63	13	487	2,584
Nov 2023	1,522	371	31	4	0	84	282	73	21	646	3,034
Oct 2023	1,383	331	19	3	0	65	235	52	12	706	2,806
Sep 2023	1,163	368	18	45	0	84	324	92	14	1,102	3,210
Aug 2023	1,476	185	18	13	0	45	276	70	14	1,183	3,280
Jul 2023	905	76	12	426	1	8	120	15	10	964	2,537
Jun 2023	803	39	11	196	0	36	199	8	17	2,814	4,123
May 2023	701	16	0	3	0	2	49	3	5	837	1,616
Apr 2023	455	24	15	91	0	1	22	1	9	543	1,161
Mar 2023	441	16	5	5	0	2	14	3	3	640	1,129
Feb 2023	494	10	5	10	0	2	8	2	7	597	1,135
Jan 2023	397	7	1	4	0	0	12	0	1	673	1,095
Dec 2022	421	2	0	6	0	4	27	9	5	667	1,141
Nov 2022	393	2	4	17	0	8	38	8	12	1,218	1,700
Oct 2022	287	1	0	0	0	4	36	9	6	1,226	1,569
Sep 2022	195	0	0	0	0	8	45	7	11	1,246	1,512
Aug 2022	263	2	0	0	0	5	55	11	9	1,246	1,591

<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> Prior to the July 2024 issue, very light trailer RAV entries were not separately enumerated and combined with light trailer RAV entries.

<sup>c</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).

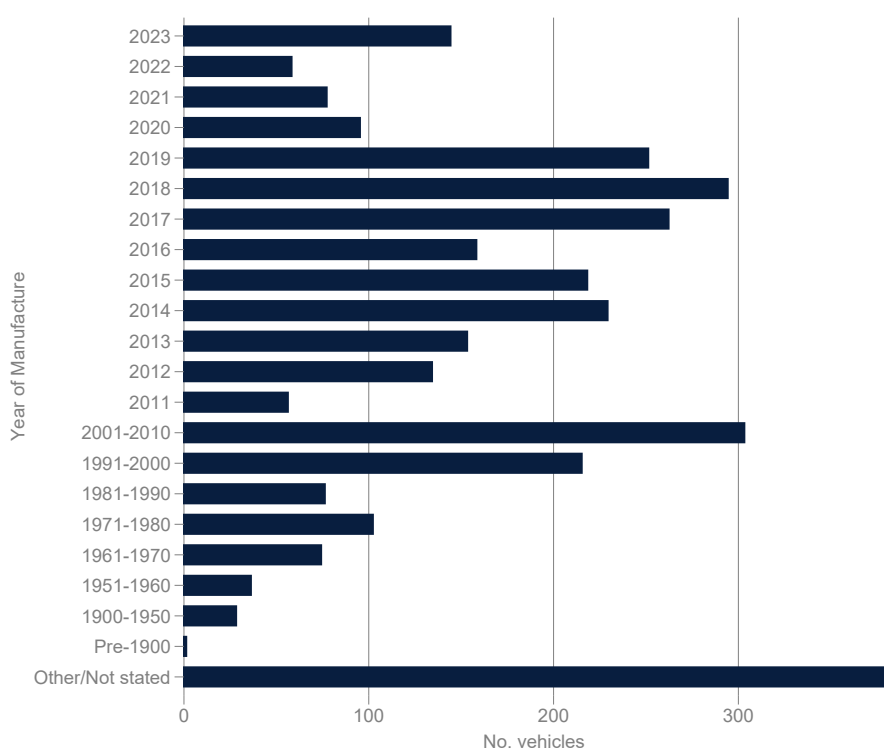
<sup>d</sup> Total excludes Second Stage of Manufacture vehicles.

Sources: RAV and BITRE estimates.

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

Year of manufacture	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
2023	144	171	377	1,631	3,272
2022	58	57	94	484	870
2021	77	55	100	475	696
2020	95	71	59	568	812
2019	251	273	91	1,237	1,559
2018	294	277	266	2,503	3,643
2017	262	244	321	1,720	2,752
2016	158	131	155	1,176	1,695
2015	218	201	181	1,316	1,846
2014	229	219	208	1,450	2,112
2013	153	171	121	1,172	1,619
2012	134	103	191	861	1,329
2011	56	59	85	473	710
2001-2010	303	345	492	2,737	4,266
1991-2000	215	243	188	1,626	2,490
1981-1990	76	110	85	656	1,093
1971-1980	102	80	125	608	1,001
1961-1970	74	68	75	505	799
1951-1960	36	40	42	240	371
1900-1950	28	34	24	207	333
Pre-1900	1	1	0	4	5
Other/Not stated	379	414	0	2,251	2,261
Total	3,343	3,367	3,280	23,900	35,534

Sources: RAV and BITRE estimates.

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

Sources: RAV and BITRE estimates.

**Table 20 Specialist and Enthusiast Vehicle RAV entries, by SEV category and month, August 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	
Aug 2024	351	1,380	70	179	276	7	1	2,264
Jul 2024	317	1,344	60	159	306	10	0	2,196
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

<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, August 2024

Month <sup>a</sup>	Passenger vehicles	Light commercial vehicles	Medium goods vehicles	Heavy goods vehicles	Buses	Not stated	Total
Aug 2024	181	2,294	1,530	161	41	0	4,207
Jul 2024	205	2,489	1,388	147	28	0	4,257
Jun 2024	395	2,085	1,333	137	40	0	3,990
May 2024	529	3,207	1,423	173	30	0	5,362
Apr 2024	394	2,528	1,244	173	30	0	4,369
Mar 2024	557	2,684	1,162	139	24	0	4,566
Feb 2024	549	3,250	1,249	147	30	0	5,225
Jan 2024	267	2,905	842	170	25	0	4,209
Dec 2023	173	2,762	1,069	108	22	0	4,134
Nov 2023	234	3,027	1,237	155	29	0	4,682
Oct 2023	141	3,560	1,298	139	23	1	5,162
Sep 2023	130	5,527	1,043	42	21	0	6,763
Aug 2023	166	3,899	1,293	40	39	0	5,437
Jul 2023	119	3,009	971	30	37	0	4,166
Jun 2023	152	2,835	1,088	20	22	0	4,117
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	3,140	764	54	15	0	4,090
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

<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, August 2024**

Make	Model	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
Toyota	HILUX	1,921	2,077	3,325	17,461	29,828
	LANDCRUISER	403	409	416	2,877	4,438
	HIACE	31	30	4	157	222
	COMMUTER	22	13	33	124	175
	Other/Not stated	62	65	38	336	472
	<b>Total</b>	<b>2,439</b>	<b>2,594</b>	<b>3,816</b>	<b>20,955</b>	<b>35,135</b>
Ford	RANGER	353	376	262	3,193	4,324
	Other/Not stated	65	49	1	293	301
	<b>Total</b>	<b>418</b>	<b>425</b>	<b>263</b>	<b>3,486</b>	<b>4,625</b>
Isuzu	D-MAX	144	160	221	1,266	1,941
	NPS	32	28	31	199	296
	MU-X	21	18	36	263	373
	FVZ	10	1	11	65	89
	Other/Not stated	10	15	13	156	196
	<b>Total</b>	<b>217</b>	<b>222</b>	<b>312</b>	<b>1,949</b>	<b>2,895</b>
Mercedes-Benz	SPRINTER	193	136	182	1,021	1,473
	96X	23	20	0	139	173
	Other/Not stated	0	1	2	16	21
	<b>Total</b>	<b>216</b>	<b>157</b>	<b>184</b>	<b>1,176</b>	<b>1,667</b>
Nissan	NAVARA	179	172	307	1,730	2,756
	PATROL	22	73	24	2,050	2,376
	Other/Not stated	1	0	0	2	2
	<b>Total</b>	<b>202</b>	<b>245</b>	<b>331</b>	<b>3,782</b>	<b>5,134</b>
Fiat	DUCATO	198	186	171	1,200	1,628
	Other/Not stated	0	0	0	21	21
	<b>Total</b>	<b>198</b>	<b>186</b>	<b>171</b>	<b>1,221</b>	<b>1,649</b>
Renault	MASTER	96	55	115	409	613
	Other/Not stated	1	0	3	13	18
	<b>Total</b>	<b>97</b>	<b>55</b>	<b>118</b>	<b>422</b>	<b>631</b>
IVECO	DAILY	38	23	31	228	340
	Other/Not stated	38	28	2	297	356
	<b>Total</b>	<b>76</b>	<b>51</b>	<b>33</b>	<b>525</b>	<b>696</b>
Mazda	BT-50	64	75	57	714	1,037
	<b>Total</b>	<b>64</b>	<b>75</b>	<b>57</b>	<b>714</b>	<b>1,037</b>
LDV	DELIVER 9	25	5	24	132	243
	Other/Not stated	33	21	0	54	54
	<b>Total</b>	<b>58</b>	<b>26</b>	<b>24</b>	<b>186</b>	<b>297</b>
All other makes	<b>Total</b>	<b>222</b>	<b>221</b>	<b>128</b>	<b>1,769</b>	<b>3,160</b>
<b>Total</b>	<b>Total</b>	<b>4,207</b>	<b>4,257</b>	<b>5,437</b>	<b>36,185</b>	<b>56,926</b>

Sources: RAV and BITRE estimates.

## RAV entries of caravans and camper trailers

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

Rank	Make	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
1	Jayco	576	466	1,028	4,853	8,070
2	Market Direct Campers	249	274	245	1,677	2,475
3	Regent RV	224	213	399	1,898	2,995
4	Ezytrail	188	169	169	1,328	2,162
5	Austrack Campers	184	198	254	1,669	2,363
6	Crusader	151	172	197	1,294	1,964
7	Network RV	80	118	167	664	1,091
8	Supreme Caravans	76	72	95	534	792
9	New Age Caravans	73	46	163	711	1,209
10	Leader Caravans	72	71	74	498	810
11	Stoney Creek Campers	70	75	111	606	938
12	Essential Caravans	62	73	182	574	903
13	Design RV	60	70	89	411	672
14	Lotus Caravans	54	53	44	408	610
15	Zone RV	52	55	45	387	534
16	JB Caravans	50	39	159	368	725
17	Urban Caravans	49	60	75	353	546
18	Franklin Caravans	42	38	52	300	451
19	King Caravans	41	0	0	43	86
20	Mars	41	118	12	453	557
21	Other makes	1,249	1,267	2,044	10,558	17,322
Total	-	3,643	3,647	5,604	29,587	47,275

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

Tare weight	Aug 2024	Jul 2024	Aug 2023	Year to date	Last 12 months
<= 500kg	63	48	10	319	623
500-1000kg	140	100	173	1,004	1,596
1000-1500kg	316	306	482	2,642	4,380
1500-2000kg	512	552	918	4,615	7,260
2000-2500kg	1,296	1,444	2,211	11,605	18,377
2500-3000kg	1,125	1,054	1,647	8,351	13,452
3000-5000kg	191	143	160	1,048	1,581
> 5000kg	0	0	3	2	5
Not stated	0	0	0	1	1
Total	3,643	3,647	5,604	29,587	47,275

<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.

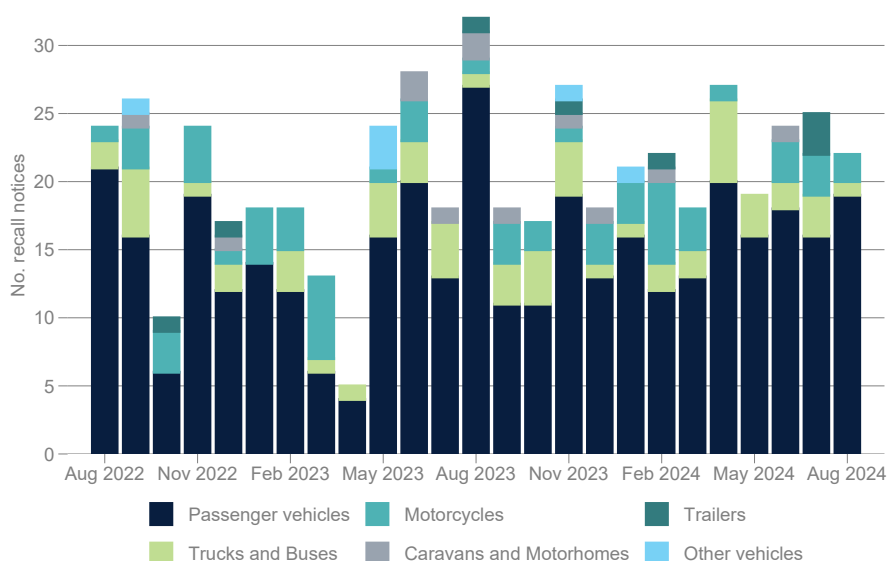
# Vehicle recalls

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

Month	Recall notice vehicle category						Total
	Passenger vehicles	Trucks and buses	Motorcycles	Caravans and motorhomes	Trailers	Other vehicles	
Aug 2024	19	1	2	0	0	0	22
Jul 2024	16	3	3	0	3	0	25
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

Sources: ROVER and BITRE estimates.

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



Sources: DITRDCA ROVER and BITRE estimates.

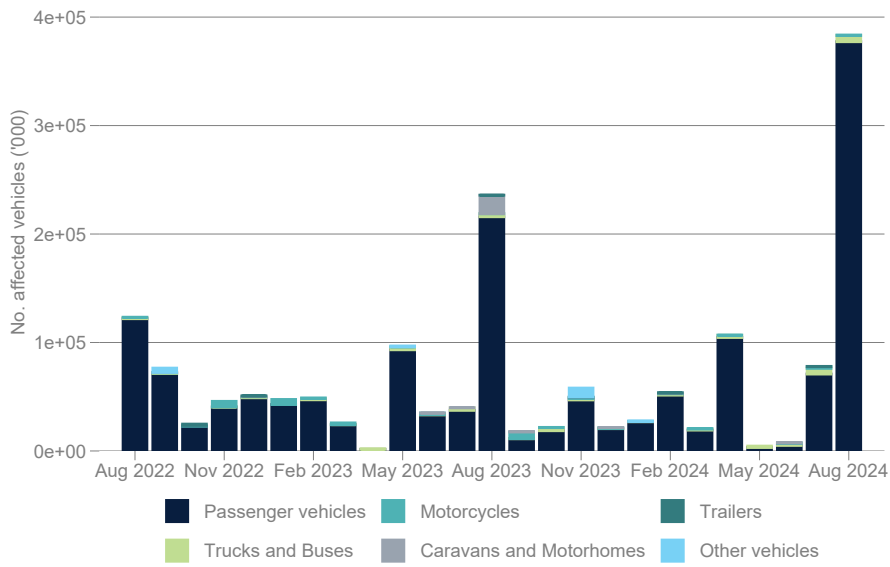
**Table 26 Vehicle recalls, total vehicles affected, by month of issue, August 2022 to August 2024**

Month	Recall notice vehicle category						Total
	Passenger vehicles	Trucks and buses	Motorcycles	Caravans and motorhomes	Trailers	Other vehicles	
Aug 2024	377,297	5,704	476	0	0	0	383,477
Jul 2024	70,899	5,234	1,548	0	295	0	77,976
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

Sources: ROVER and BITRE estimates.



**Figure 14** Vehicle recalls, total vehicles affected, by vehicle type, August 2022 to August 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>7</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>8</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>7</sup> <https://www.infrastructure.gov.au/infrastructure-transport-vehicles/vehicles/road-vehicle-standards-laws>

<sup>8</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.
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- *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.