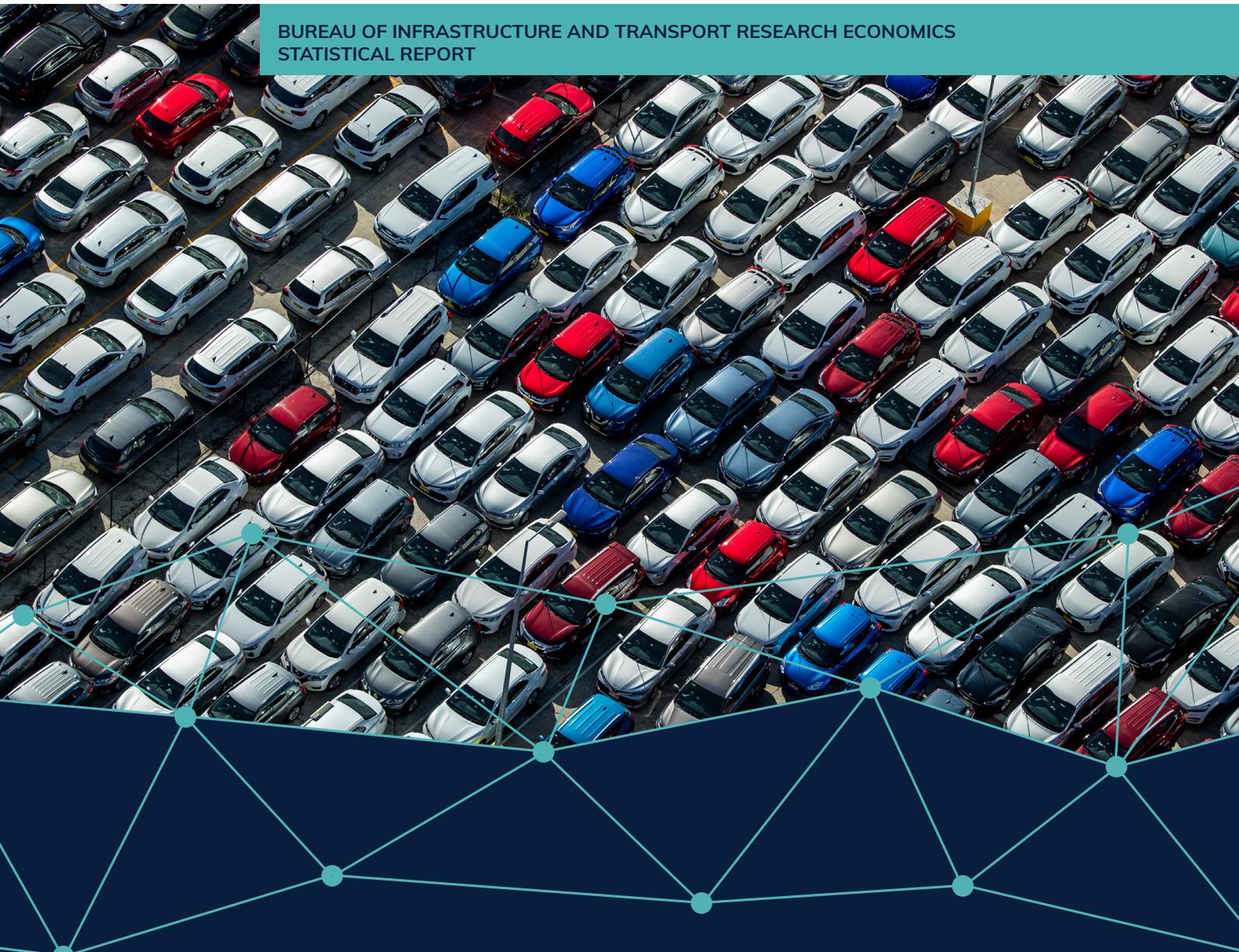




Australian Government

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

February 2024

BUREAU OF INFRASTRUCTURE AND TRANSPORT RESEARCH ECONOMICS

Road vehicle entry and recall statistics

February 2024

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

Canberra, Australia

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Bureau of Infrastructure and Transport Research Economics
Department of Infrastructure, Transport, Regional Development, Communications and the Arts
GPO Box 501, Canberra ACT 2601, Australia

Telephone +61 2 6274 7210
Fax +61 2 6274 6816
E-mail bitre@infrastructure.gov.au
Internet www.bitre.gov.au

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

March 2024

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Highlights – February 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 February 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 131,596 road vehicles entered on the RAV in February 2024, 2.3 per cent higher than total entries in January 2024 (i.e. 128,655 vehicles).¹
- There were 128,535 type approved vehicles entered in February 2024, 2.0 per cent higher than total type approved vehicles entries in January 2024 (i.e. 125,989 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 3,061 vehicles in the month of February 2024, 14.8 per cent higher than concessional RAV approval entries in January 2024 (i.e. 2,666 vehicles).

Type approved RAV entries by vehicle category

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

- 77,507 passenger vehicle RAV entries, 0.9 per cent lower than in January 2024
- 23,899 light commercial vehicle (LCV) RAV entries, 2.3 per cent higher than in January 2024
- 4,533 medium goods vehicle RAV entries, 2.5 per cent higher than in January 2024
- 2,149 heavy goods vehicle RAV entries, 19.3 per cent higher than in January 2024
- 359 bus RAV entries, 8.9 per cent lower than in January 2024, and
- 4,878 motorcycle RAV entries, 21.3 per cent higher than in January 2024.

Type approved RAV entries by vehicle make

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

- Passenger vehicles: Toyota, Mazda, Kia, Mitsubishi and Tesla
- Light commercial vehicles: Toyota, Ford, Isuzu, Nissan and Mazda
- Medium goods vehicles: Toyota, Isuzu, Ford, Mercedes-Benz and LDV
- Heavy goods vehicles: Isuzu, Kenworth, Volvo, Hino and DAF
- Buses: Toyota, Volgren, LDV, Fuso and Irizar
- Motorcycles: Honda, Yamaha, Kawasaki, Kymco and CFMoto.

Concessional RAV entry approval vehicles

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

- 1,654 passenger vehicles
- 302 LCVs
- 31 medium goods vehicles
- 67 heavy goods vehicles, and
- 429 trailers.

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

Specialist and enthusiast vehicle approval RAV entries

- There were 1,987 specialist and enthusiast vehicles (SEVs) entries on the RAV in February 2024.
- There were 1,105 SEV RAV entries in February 2024 under environmental criterion.

Second stage of manufacture (SSM) RAV entries

- There were 5,331 SSM RAV entries in February 2024, comprising:
 - 3,349 light commercial vehicles
 - 1,262 medium goods vehicles
 - 543 passenger vehicles, and
 - 177 other vehicles.

Type approval RAV entries by trailer category

In the month of February 2024 there were:

- 13,117 type approved light trailer RAV entries
- 539 type approved medium trailer RAV entries, and
- 1,554 type approved heavy trailer RAV entries.

Type approved trailer RAV entries included approximately 4,207 caravans and camper trailers in the month of February 2024.²

Vehicle recall notices

- In February 2024 there were 22 recall notices published on the Department's website, covering approximately 53,611 vehicles.
- As at 29 February 2024 there were 4,948 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 – 3,228 notices (covering 18,894,484 vehicles)
 - Trucks and buses – 784 notices (covering 554,956 vehicles)
 - Motorcycles – 798 notices (covering 489,952 vehicles)
 - Caravans/motorhomes – 70 notices (covering 44,460 vehicles)
 - Trailers – 39 notices (covering 18,905 vehicles)
 - Other vehicles (not elsewhere specified) – 29 notices (covering 154,779 vehicles).

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

Introduction

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

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

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

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

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

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

Register of Approved Vehicles

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

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

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

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

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

Vehicle attributes recorded on the RAV

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

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

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

RAV entry statistics

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

RAV coverage

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

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

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

RAV entries and vehicle sales

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

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

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

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

Road vehicle classes and classifications

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

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

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

- Two-wheeled and three-wheeled vehicles

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

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

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

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

Road vehicle type classification correspondence

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

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

Report structure

This report is structured as follows:

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

RAV entry statistics

RAV entry summary statistics

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

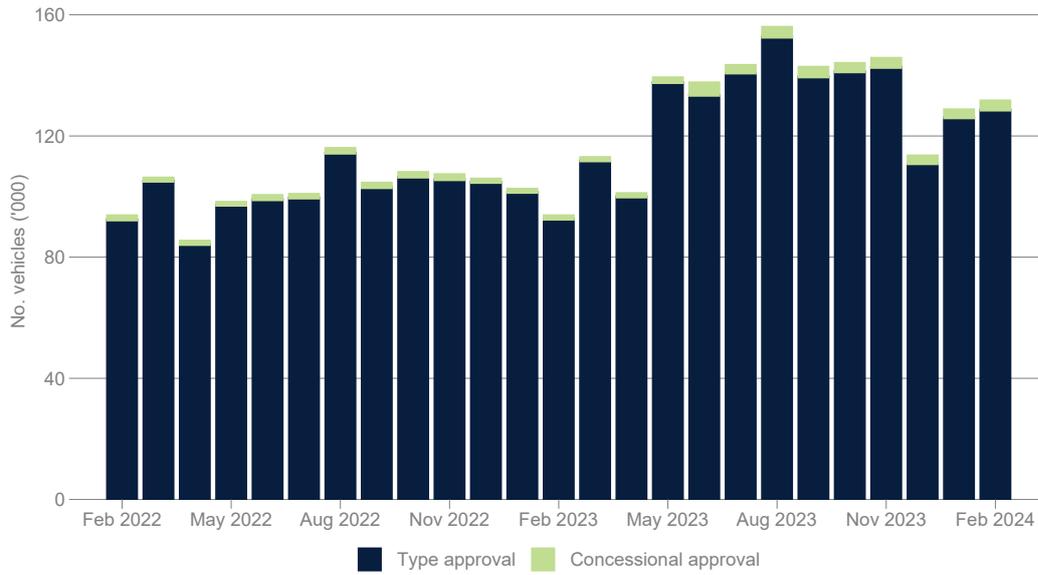
Month	Approval category		Total ^a
	Type approval	Concessional approval	
Feb 2024	128,535	3,061	131,596
Jan 2024	125,989	2,666	128,655
Dec 2023	110,843	2,585	113,428
Nov 2023	142,620	3,036	145,656
Oct 2023	141,165	2,808	143,973
Sep 2023	139,483	3,211	142,694
Aug 2023	152,604	3,280	155,884
Jul 2023	140,774	2,540	143,314
Jun 2023	133,425	4,123	137,548
May 2023	137,608	1,616	139,224
Apr 2023	99,850	1,161	101,011
Mar 2023	111,768	1,129	112,897
Feb 2023	92,522	1,136	93,658
Jan 2023	101,366	1,095	102,461
Dec 2022	104,651	1,141	105,792
Nov 2022	105,559	1,700	107,259
Oct 2022	106,405	1,569	107,974
Sep 2022	102,931	1,512	104,443
Aug 2022	114,310	1,591	115,901
Jul 2022	99,494	1,263	100,757
Jun 2022	98,937	1,454	100,391
May 2022	97,115	1,005	98,120
Apr 2022	84,165	1,136	85,301
Mar 2022	105,047	1,088	106,135
Feb 2022	92,259	1,412	93,671

a. Total excludes Second Stage of Manufacture vehicles.

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

Sources: RAV and BITRE estimates.

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



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

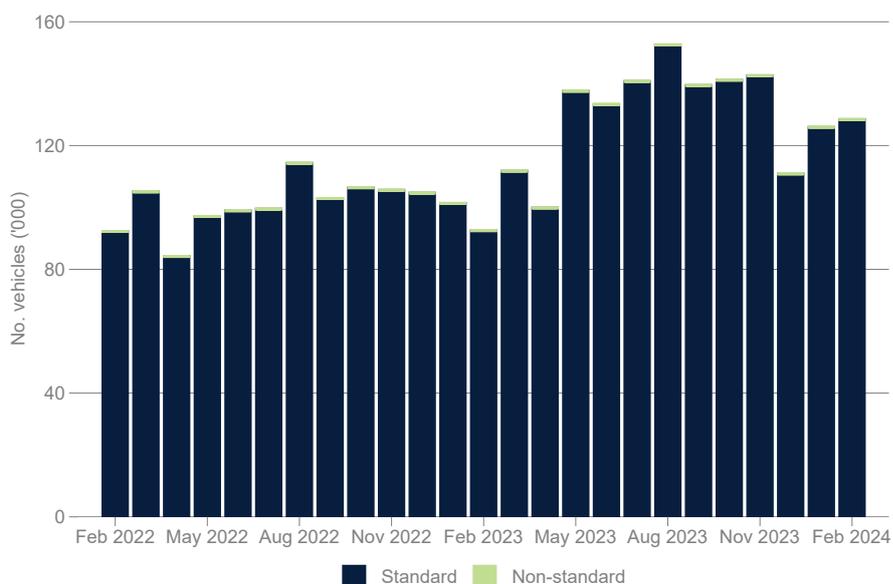
Table 2 Type approved RAV entries, by entry pathway and month, February 2024

Month	Type approvals			Total ^a
	Standard	Non-standard	SSM	
Feb 2024	128,344	191	5,331	128,535
Jan 2024	125,848	141	4,336	125,989
Dec 2023	110,782	61	4,165	110,843
Nov 2023	142,564	56	4,693	142,620
Oct 2023	141,088	77	5,174	141,165
Sep 2023	139,393	90	6,796	139,483
Aug 2023	152,473	131	5,450	152,604
Jul 2023	140,697	77	4,162	140,774
Jun 2023	133,200	225	4,100	133,425
May 2023	137,505	103	4,229	137,608
Apr 2023	99,783	67	3,023	99,850
Mar 2023	111,699	69	4,091	111,768
Feb 2023	92,453	69	2,732	92,522
Jan 2023	101,290	76	2,445	101,366
Dec 2022	104,606	45	2,741	104,651
Nov 2022	105,532	27	3,401	105,559
Oct 2022	106,304	101	4,011	106,405
Sep 2022	102,857	74	3,335	102,931
Aug 2022	114,239	71	2,396	114,310
Jul 2022	99,433	61	2,077	99,494
Jun 2022	98,880	57	2,495	98,937
May 2022	97,051	64	2,354	97,115
Apr 2022	84,125	40	1,510	84,165
Mar 2022	104,987	60	2,186	105,047
Feb 2022	92,219	40	1,870	92,259

a. Total excludes Second Stage of Manufacture vehicles.

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

Sources: RAV and BITRE estimates.

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

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

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

Month	Concessional RAV entry approvals							Total ^a
	RAWS-SEV	RAWS-SSM	Trailer	Older vehicle	SPV	Personal	RAV suitable	
Feb 2024	1,987	0	429	419	67	118	41	3,061
Jan 2024	1,660	0	387	470	24	102	23	2,666
Dec 2023	1,674	1	398	328	26	138	21	2,585
Nov 2023	1,924	2	462	464	4	143	39	3,036
Oct 2023	1,733	5	366	432	3	154	120	2,808
Sep 2023	1,543	0	513	750	52	136	217	3,211
Aug 2023	1,679	1	405	478	13	144	561	3,280
Jul 2023	994	10	153	432	426	114	421	2,540
Jun 2023	842	19	260	1,898	206	336	581	4,123
May 2023	717	16	57	171	5	103	563	1,616
Apr 2023	473	0	32	188	112	105	251	1,161
Mar 2023	456	4	21	143	11	76	422	1,129
Feb 2023	503	3	18	109	15	32	459	1,136
Jan 2023	404	31	13	122	4	47	505	1,095
Dec 2022	422	4	45	221	7	52	394	1,141
Nov 2022	394	2	64	433	27	110	672	1,700
Oct 2022	288	6	55	555	31	117	523	1,569
Sep 2022	195	1	71	618	28	139	461	1,512
Aug 2022	265	2	80	462	48	121	615	1,591
Jul 2022	161	0	94	508	17	111	372	1,263
Jun 2022	99	0	54	709	62	108	422	1,454
May 2022	66	0	35	478	36	100	290	1,005
Apr 2022	59	0	53	622	38	101	263	1,136
Mar 2022	27	0	49	508	39	83	382	1,088
Feb 2022	0	0	109	1,002	17	122	162	1,412

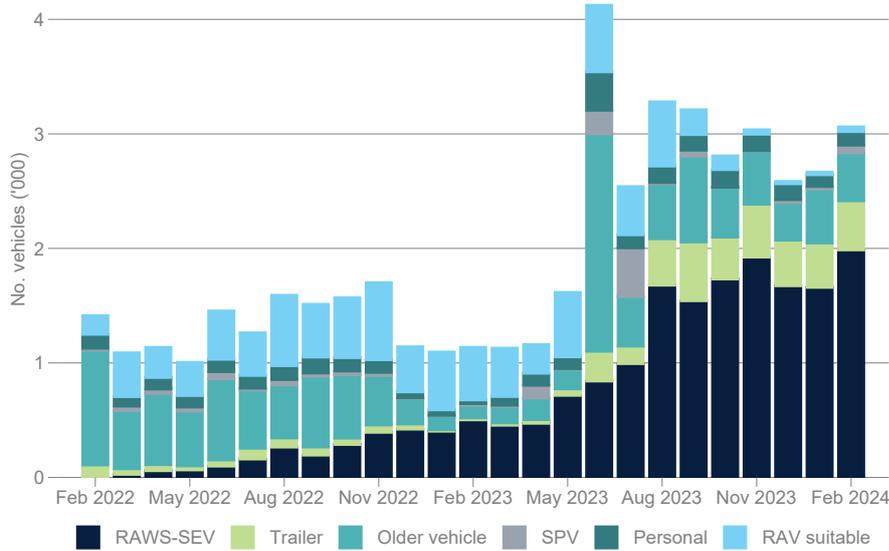
a. Total excludes Second Stage of Manufacture vehicles.

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

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

Sources: RAV and BITRE estimates.

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



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

RAV entries by vehicle class

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

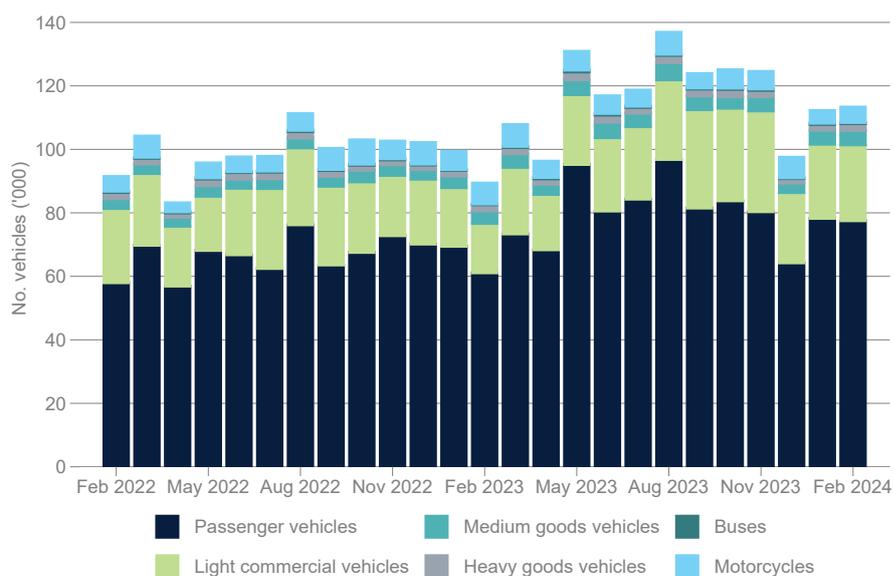
Month	Passenger vehicles	Light commercial vehicles	Medium goods vehicles	Heavy goods vehicles	Buses	Motorcycles	Total
Feb 2024	77,507	23,899	4,533	2,149	359	4,878	113,325
Jan 2024	78,241	23,372	4,422	1,801	394	4,022	112,252
Dec 2023	64,241	22,129	3,000	1,405	273	6,486	97,534
Nov 2023	80,348	31,744	4,503	1,974	451	5,548	124,568
Oct 2023	83,776	29,181	3,581	2,343	413	5,796	125,090
Sep 2023	81,497	30,989	4,335	2,155	353	4,569	123,898
Aug 2023	96,801	25,084	5,378	2,323	362	6,956	136,904
Jul 2023	84,308	22,822	4,239	1,828	379	5,125	118,701
Jun 2023	80,556	23,105	4,917	2,202	523	5,582	116,885
May 2023	95,220	22,000	4,676	2,465	601	5,939	130,901
Apr 2023	68,353	17,440	3,216	1,669	442	5,176	96,296
Mar 2023	73,349	20,966	4,285	1,959	359	6,910	107,828
Feb 2023	61,103	15,550	3,947	1,944	251	6,608	89,403
Jan 2023	69,444	18,486	3,677	1,752	261	5,772	99,392
Dec 2022	70,144	20,442	3,040	1,420	300	6,826	102,172
Nov 2022	72,786	18,993	3,347	1,544	350	5,600	102,620
Oct 2022	67,521	22,227	3,660	1,580	331	7,672	102,991
Sep 2022	63,568	24,803	3,127	1,823	328	6,695	100,344
Aug 2022	76,226	24,236	3,100	2,010	413	5,276	111,261
Jul 2022	62,470	25,180	3,076	2,059	349	4,678	97,812
Jun 2022	66,777	20,945	2,865	2,093	297	4,651	97,628
May 2022	68,141	17,064	3,350	2,085	366	4,737	95,743
Apr 2022	56,913	18,867	2,798	1,366	357	2,868	83,169
Mar 2022	69,757	22,611	2,967	1,827	338	6,715	104,215
Feb 2022	57,977	23,384	3,067	1,981	392	4,672	91,473

a. Total excludes Second Stage of Manufacture vehicles.

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

Sources: RAV and BITRE estimates.

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



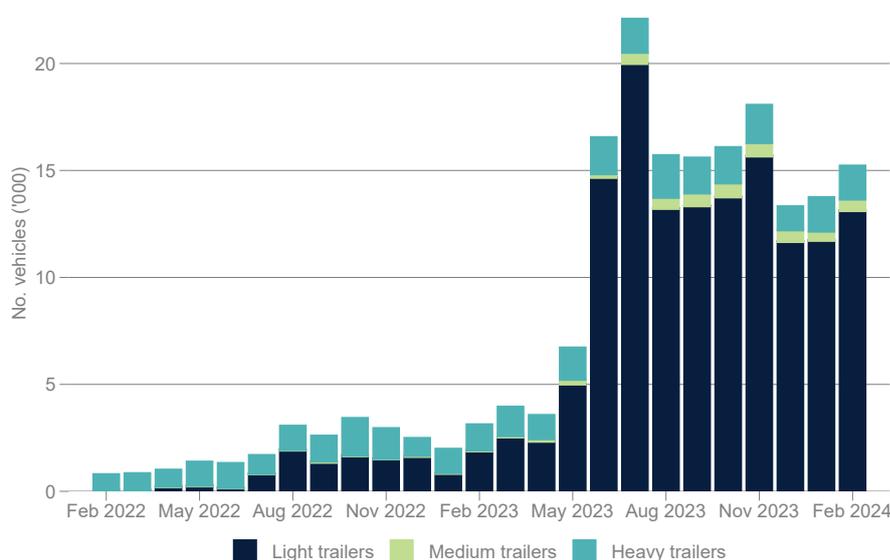
Sources: RAV and BITRE estimates.

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

Month	Light trailers	Medium trailers	Heavy trailers	Total
Feb 2024	13,117	539	1,554	15,210
Jan 2024	11,727	432	1,578	13,737
Dec 2023	11,673	546	1,090	13,309
Nov 2023	15,671	625	1,756	18,052
Oct 2023	13,758	653	1,664	16,075
Sep 2023	13,342	600	1,643	15,585
Aug 2023	13,220	518	1,962	15,700
Jul 2023	19,994	523	1,556	22,073
Jun 2023	14,670	169	1,701	16,540
May 2023	5,011	220	1,476	6,707
Apr 2023	2,337	118	1,099	3,554
Mar 2023	2,536	61	1,343	3,940
Feb 2023	1,887	41	1,191	3,119
Jan 2023	833	38	1,103	1,974
Dec 2022	1,625	50	804	2,479
Nov 2022	1,512	18	1,409	2,939
Oct 2022	1,666	11	1,737	3,414
Sep 2022	1,351	61	1,175	2,587
Aug 2022	1,923	26	1,100	3,049
Jul 2022	811	17	854	1,682
Jun 2022	155	15	1,139	1,309
May 2022	247	27	1,098	1,372
Apr 2022	215	13	768	996
Mar 2022	52	12	768	832
Feb 2022	36	23	727	786

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

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



Sources: RAV and BITRE estimates.

RAV entries by vehicle class and make

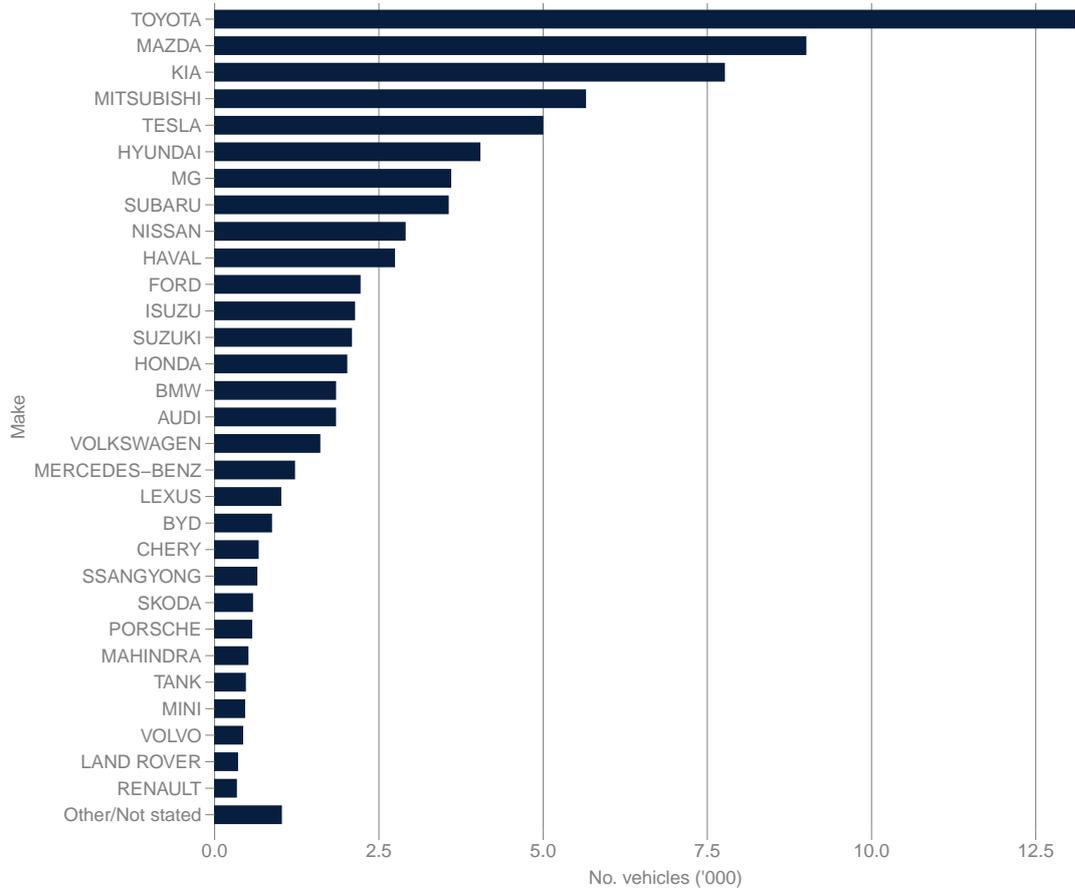
Table 6 Type approval RAV entries, passenger vehicles, top 30 makes, February 2024

Rank	Make	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
1	Toyota	13,087	13,094	7,559	26,181	153,320
2	Mazda	8,986	3,980	6,115	12,966	84,477
3	Kia	7,746	8,100	2,387	15,846	80,014
4	Mitsubishi	5,632	5,860	4,367	11,492	53,109
5	Tesla	4,981	4,891	2,059	9,872	51,719
6	Hyundai	4,024	7,609	3,827	11,633	77,839
7	MG	3,580	3,917	4,151	7,497	61,493
8	Subaru	3,542	3,536	4,342	7,078	46,490
9	Nissan	2,886	4,372	2,182	7,258	42,775
10	Haval	2,724	1,730	993	4,454	26,322
11	Ford	2,199	1,557	1,108	3,756	22,265
12	Isuzu	2,116	2,176	1,712	4,292	16,420
13	Suzuki	2,069	1,889	1,483	3,958	18,184
14	Honda	1,997	2,384	707	4,381	18,973
15	BMW	1,827	1,345	1,470	3,172	28,462
16	Audi	1,826	1,028	2,594	2,854	17,838
17	Volkswagen	1,587	2,118	5,260	3,705	32,882
18	Mercedes-Benz	1,202	1,326	1,634	2,528	23,375
19	Lexus	993	758	960	1,751	17,013
20	BYD	852	1,759	1,150	2,611	17,795
21	Chery	649	948	146	1,597	10,250
22	Ssangyong	629	470	102	1,099	3,926
23	Skoda	563	565	683	1,128	7,943
24	Porsche	550	758	647	1,308	6,587
25	Mahindra	493	570	0	1,063	3,791
26	Tank	454	572	1	1,026	3,660
27	MINI	443	256	489	699	4,289
28	Volvo	413	360	682	773	11,396
29	Land Rover	335	564	427	899	9,661
30	Renault	317	89	741	406	3,309
31	Other/Not stated	1,002	1,274	1,700	2,276	24,123
Total	-	79,704	79,855	61,678	159,559	979,700

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

Sources: RAV and BITRE estimates.

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



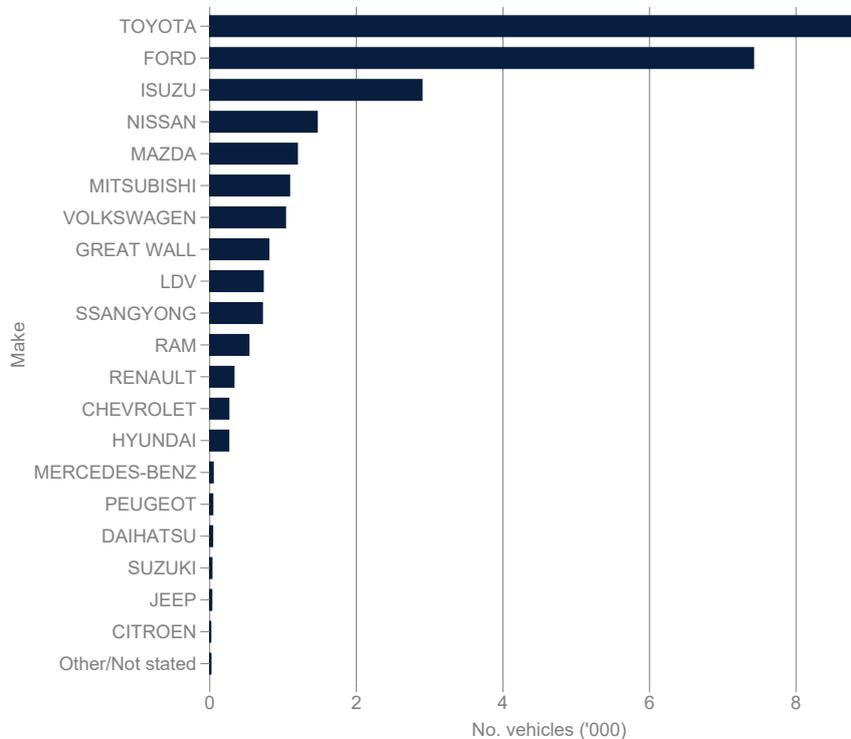
Sources: RAV and BITRE estimates.

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

Rank	Make	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
1	Toyota	8,826	8,342	5,057	17,168	108,748
2	Ford	7,409	7,090	2,921	14,499	76,760
3	Isuzu	2,885	3,841	2,680	6,726	39,352
4	Nissan	1,455	613	891	2,068	15,145
5	Mazda	1,184	1,658	1,727	2,842	21,393
6	Mitsubishi	1,078	707	1,560	1,785	19,624
7	Volkswagen	1,022	1,438	149	2,460	11,903
8	Great Wall	795	615	436	1,410	8,760
9	LDV	718	651	735	1,369	12,766
10	Ssangyong	707	483	315	1,190	4,146
11	RAM	523	328	739	851	5,634
12	Renault	319	6	92	325	1,722
13	Chevrolet	249	148	38	397	2,811
14	Hyundai	248	516	150	764	2,861
15	Mercedes-Benz	36	27	33	63	759
16	Peugeot	30	152	26	182	1,412
17	Daihatsu	28	35	0	63	202
18	Suzuki	18	9	0	27	166
19	Jeep	16	9	11	25	343
20	Citroen	1	0	0	1	4
21	Other/Not stated	3	2	1	5	35
Total	-	27,550	26,670	17,561	54,220	334,546

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

Sources: RAV and BITRE estimates.

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

Sources: RAV and BITRE estimates.

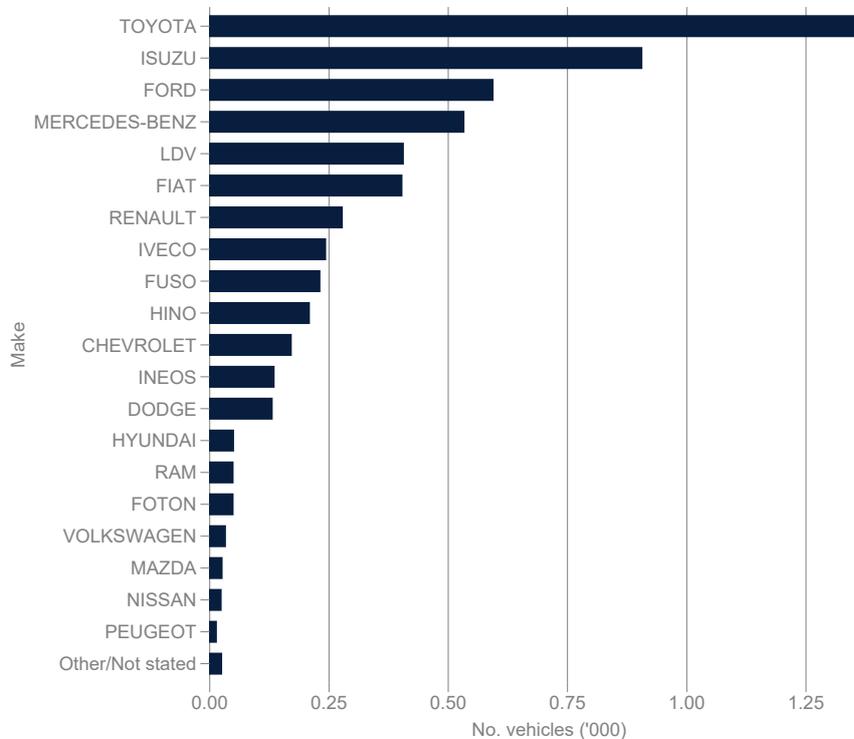
Table 8 Type approval RAV entries, medium goods vehicles, top 20 makes, February 2024

Rank	Make	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
1	Toyota	1,356	1,457	1,094	2,813	19,067
2	Isuzu	904	853	1,002	1,757	9,980
3	Ford	592	236	98	828	2,732
4	Mercedes-Benz	531	600	215	1,131	5,089
5	LDV	404	203	179	607	4,756
6	Fiat	401	240	188	641	3,293
7	Renault	276	197	50	473	2,309
8	IVECO	241	193	179	434	2,266
9	Fuso	229	247	418	476	3,366
10	Hino	207	532	528	739	4,015
11	Chevrolet	169	111	141	280	1,422
12	Ineos	133	79	0	212	1,100
13	Dodge	129	68	94	197	1,409
14	Hyundai	48	18	12	66	325
15	Foton	47	10	13	57	197
16	RAM	47	52	74	99	684
17	Volkswagen	31	151	224	182	1,066
18	Mazda	24	17	13	41	252
19	Nissan	22	18	5	40	317
20	Peugeot	12	11	0	23	32
21	Other/Not stated	23	18	16	41	170
Total	-	5,826	5,311	4,543	11,137	63,847

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

Sources: RAV and BITRE estimates.

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



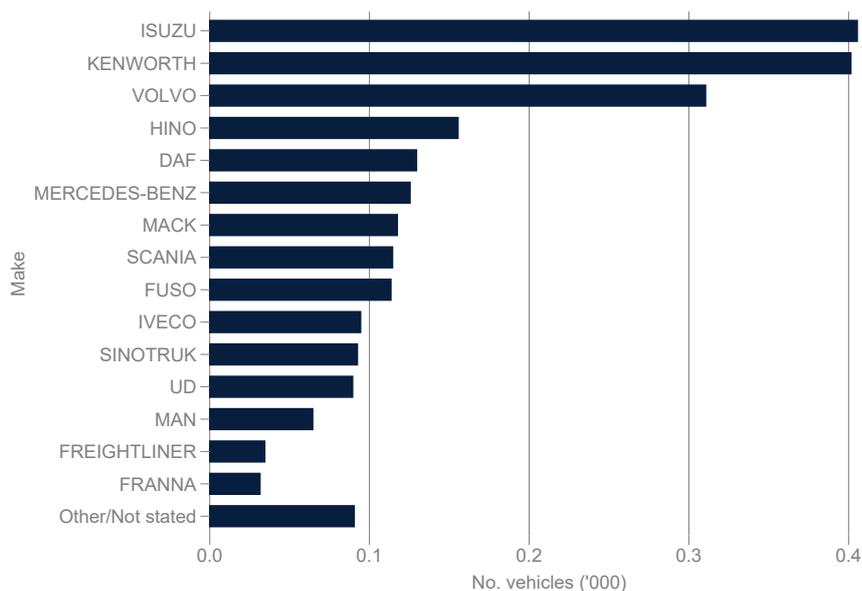
Sources: RAV and BITRE estimates.

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

Rank	Make	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
1	Isuzu	405	316	387	721	4,481
2	Kenworth	401	228	299	629	4,408
3	Volvo	310	247	479	557	3,880
4	Hino	155	192	243	347	2,006
5	DAF	129	83	34	212	1,202
6	Mercedes-Benz	125	161	68	286	1,424
7	Mack	117	92	61	209	1,228
8	Scania	114	83	83	197	1,447
9	Fuso	113	165	94	278	1,359
10	IVECO	94	100	27	194	636
11	Sinotruk	92	31	48	123	446
12	UD	89	115	99	204	1,203
13	MAN	64	56	24	120	621
14	Freightliner	34	43	21	77	407
15	Franna	31	8	0	39	536
16	Other/Not stated	90	75	15	165	830
Total	-	2,363	1,995	1,982	4,358	26,114

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

Sources: RAV and BITRE estimates.

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

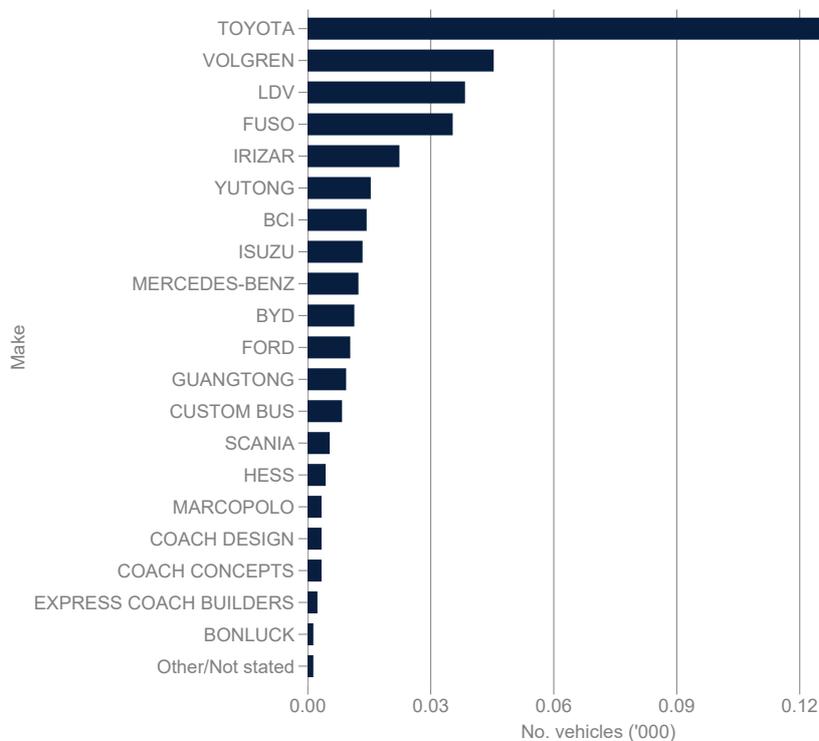
Sources: RAV and BITRE estimates.

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

Rank	Make	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
1	Toyota	135	143	148	278	2,902
2	Volgren	45	20	33	65	392
3	LDV	38	30	5	68	347
4	Fuso	35	27	13	62	322
5	Irizar	22	29	13	51	194
6	Yutong	15	54	17	69	239
7	BCI	14	19	10	33	126
8	Isuzu	13	5	16	18	69
9	Mercedes-Benz	12	8	3	20	75
10	BYD	11	0	0	11	16
11	Ford	10	5	0	15	15
12	Guangtong	9	0	0	9	22
13	Custom Bus	8	3	5	11	122
14	Scania	5	17	2	22	46
15	Hess	4	4	0	8	8
16	Coach Concepts	3	2	0	5	21
17	Coach Design	3	1	2	4	22
18	Marcopolo	3	1	0	4	27
19	Express Coach Builders	2	3	2	5	37
20	Bonluck	1	10	0	11	31
21	Other/Not stated	1	38	18	39	190
Total	-	389	419	287	808	5,223

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

Sources: RAV and BITRE estimates.

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

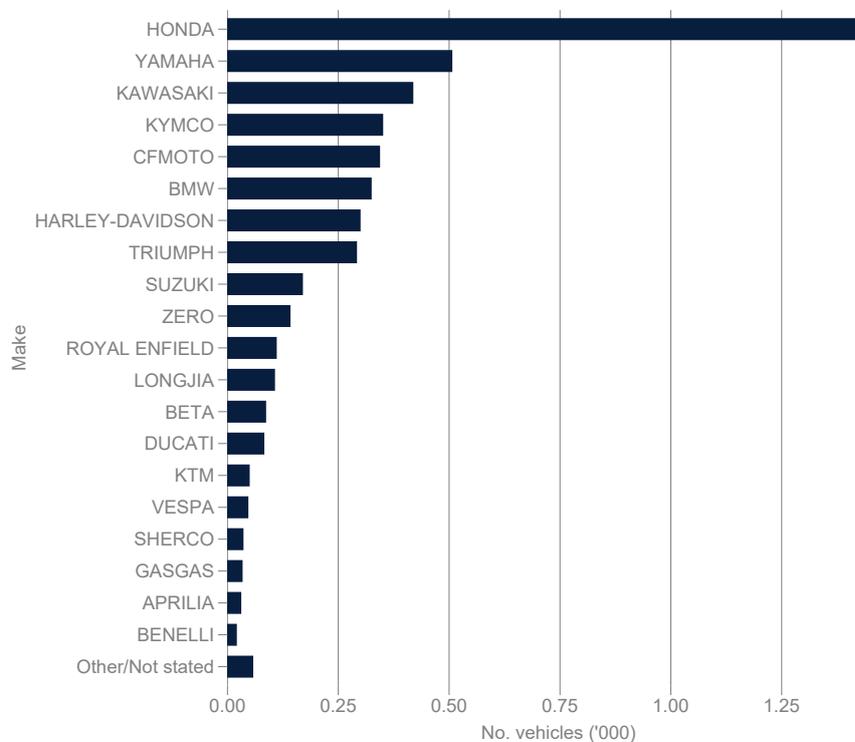
Sources: RAV and BITRE estimates.

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

Rank	Make	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
1	Honda	1,423	553	688	1,976	10,954
2	Yamaha	504	671	999	1,175	10,097
3	Kawasaki	416	623	482	1,039	5,152
4	Kymco	348	276	14	624	2,679
5	CFMoto	341	188	168	529	1,962
6	BMW	322	325	404	647	3,146
7	Harley-Davidson	297	277	745	574	5,548
8	Triumph	289	408	395	697	2,118
9	Suzuki	167	317	234	484	3,495
10	Zero	139	0	0	139	154
11	Royal Enfield	108	122	270	230	1,650
12	Longjia	104	0	0	104	254
13	Beta	84	42	44	126	740
14	Ducati	80	0	0	80	1,899
15	KTM	47	1	966	48	7,657
16	Vespa	44	14	2	58	579
17	Sherco	33	0	42	33	346
18	GASGAS	31	0	27	31	620
19	Aprilia	28	28	3	56	386
20	Benelli	18	0	0	18	105
21	Other/Not stated	55	177	1,125	232	7,463
Total	-	4,878	4,022	6,608	8,900	67,004

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

Sources: RAV and BITRE estimates.

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

Sources: RAV and BITRE estimates.

RAV entries by vehicle class, make and model

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
Toyota	RAV4	3,693	2,029	1,713	5,722	31,931
	COROLLA	3,256	3,321	1,621	6,577	33,119
	CAMRY	1,718	1,587	376	3,305	13,707
	LANDCRUISER	1,519	1,772	796	3,291	15,962
	Other/Not stated	2,901	4,385	3,053	7,286	58,601
	Total	13,087	13,094	7,559	26,181	153,320
Mazda	CX-5	3,612	1,229	319	4,841	24,222
	CX-3	1,874	974	891	2,848	16,376
	MAZDA 3	1,501	577	1,032	2,078	10,234
	CX-30	986	498	1,845	1,484	13,744
	MAZDA 2	469	274	269	743	4,772
	Other/Not stated	544	428	1,759	972	15,129
Total	8,986	3,980	6,115	12,966	84,477	
Kia	SPORTAGE	2,283	2,296	206	4,579	18,082
	CERATO	1,254	1,191	225	2,445	8,387
	SELTOS	1,024	962	251	1,986	11,215
	SORENTO	907	1,595	337	2,502	8,471
	CARNIVAL	635	720	192	1,355	9,912
	PICANTO	541	184	282	725	7,587
	YB	532	827	607	1,359	9,798
	Other/Not stated	570	325	287	895	6,562
Total	7,746	8,100	2,387	15,846	80,014	
Mitsubishi	OUTLANDER	2,687	2,635	2,353	5,322	26,881
	ECLIPSE	1,374	1,222	912	2,596	9,175
	ASX	1,150	788	711	1,938	9,845
	PAJERO	396	1,186	378	1,582	6,962
	Other/Not stated	25	29	13	54	246
	Total	5,632	5,860	4,367	11,492	53,109
Tesla	MODEL Y	2,858	3,104	1,004	5,962	35,338
	MODEL 3	2,123	1,787	1,055	3,910	16,381
	Total	4,981	4,891	2,059	9,872	51,719
Hyundai	I30	1,207	2,044	1,123	3,251	21,358
	KONA	962	1,629	599	2,591	13,160
	TUCSON	825	2,156	1,152	2,981	23,122
	VENUE	492	720	313	1,212	6,335
	PALISADE	205	306	131	511	4,228
	Other/Not stated	333	754	509	1,087	9,636
Total	4,024	7,609	3,827	11,633	77,839	
MG	ZS	1,564	1,576	2,060	3,140	31,442
	MG3	1,042	1,009	1,196	2,051	14,682
	MG4	352	536	1	888	5,555
	MG5	348	461	0	809	3,711
	HS Vibe	274	335	894	609	6,103
	Total	3,580	3,917	4,151	7,497	61,493
Subaru	FORESTER	1,258	1,195	1,798	2,453	15,680
	CROSSTREK	974	848	2	1,822	11,722
	OUTBACK	840	971	1,196	1,811	12,872
	Other/Not stated	470	522	1,346	992	6,216
	Total	3,542	3,536	4,342	7,078	46,490
Nissan	X-TRAIL	1,050	2,152	592	3,202	17,819
	PATROL	939	1,209	448	2,148	10,810
	QASHQAI	421	474	558	895	7,498
	Other/Not stated	476	537	584	1,013	6,648
	Total	2,886	4,372	2,182	7,258	42,775

(continued)

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
Haval	JOLION	1,382	1,053	363	2,435	12,749
	H6	1,342	677	630	2,019	13,572
	Other/Not stated	0	0	0	0	1
	Total	2,724	1,730	993	4,454	26,322
Ford	EVEREST	1,838	1,164	493	3,002	16,486
	PUMA	284	358	175	642	2,047
	Other/Not stated	77	35	440	112	3,732
	Total	2,199	1,557	1,108	3,756	22,265
Isuzu	MU-X	2,116	2,176	1,712	4,292	16,420
	Total	2,116	2,176	1,712	4,292	16,420
Suzuki	SWIFT	672	748	513	1,420	7,575
	JIMNY	156	258	490	414	4,200
	IGNIS	123	234	351	357	1,789
	VITARA	120	233	30	353	2,124
	Other/Not stated	998	416	99	1,414	2,496
	Total	2,069	1,889	1,483	3,958	18,184
Honda	CR-V	703	896	597	1,599	8,298
	ZR-V	566	637	0	1,203	4,588
	HR-V	313	564	9	877	3,071
	CIVIC	251	149	65	400	1,640
	FIT	107	83	17	190	842
	Other/Not stated	57	55	19	112	534
	Total	1,997	2,384	707	4,381	18,973
BMW	X SERIES	578	457	672	1,035	11,182
	X1	438	200	107	638	5,787
	4 SERIES	409	110	65	519	2,607
	3 SERIES	132	164	130	296	3,414
	2 SERIES	122	150	220	272	2,463
	Other/Not stated	148	264	276	412	3,009
	Total	1,827	1,345	1,470	3,172	28,462
Audi	Q3	676	344	670	1,020	4,332
	RS3	399	220	429	619	3,358
	Q5	177	192	544	369	3,526
	Q2	133	32	131	165	1,539
	Q7	115	71	292	186	1,586
	Other/Not stated	326	169	528	495	3,497
	Total	1,826	1,028	2,594	2,854	17,838
Volkswagen	TIGUAN	673	1,241	1,764	1,914	12,702
	T-ROC	632	547	1,563	1,179	9,111
	MULTIVAN	129	85	284	214	958
	Other/Not stated	153	245	1,649	398	10,111
	Total	1,587	2,118	5,260	3,705	32,882
Mercedes-Benz	X254	200	268	10	468	2,982
	V167	161	77	440	238	2,690
	206	152	176	223	328	1,973
	X247	83	81	167	164	1,176
	H247	79	72	73	151	2,002
	177	78	146	178	224	2,258
	H243	66	76	14	142	1,427
	Other/Not stated	383	430	529	813	8,867
	Total	1,202	1,326	1,634	2,528	23,375
Lexus	NX AZ2	419	262	454	681	7,569
	RX AL3	143	179	113	322	3,046
	UX ZA1	95	79	81	174	2,422
	Other/Not stated	336	238	312	574	3,976
	Total	993	758	960	1,751	17,013

(continued)

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
BYD	SEAL	436	1,006	0	1,442	2,449
	DOLPHIN	416	753	0	1,169	2,635
	Other/Not stated	0	0	1,150	0	12,711
	Total	852	1,759	1,150	2,611	17,795
Chery	T34	514	373	146	887	7,546
	TIGGO	135	575	0	710	2,704
	Total	649	948	146	1,597	10,250
Ssangyong	REXTON	496	379	102	875	3,079
	KORANDO	133	91	0	224	847
	Total	629	470	102	1,099	3,926
Skoda	TYPE NS	171	183	151	354	1,866
	TYPE NWC	157	73	127	230	1,802
	TYPE NX	81	147	127	228	1,419
	TYPE NU	71	80	158	151	1,192
	TYPE PJ	41	25	24	66	455
	TYPE NWS	34	40	81	74	919
	Other/Not stated	8	17	15	25	290
	Total	563	565	683	1,128	7,943
Porsche	MACAN	198	371	286	569	3,089
	CAYENNE	156	165	222	321	1,662
	911	111	110	42	221	740
	TAYCAN	48	65	65	113	603
	982	36	43	28	79	429
	Other/Not stated	1	4	4	5	64
	Total	550	758	647	1,308	6,587
Mahindra	XUV700	493	570	0	1,063	3,131
	Other/Not stated	0	0	0	0	660
	Total	493	570	0	1,063	3,791
All other makes	Total	2,964	3,115	4,040	6,079	56,438
Total	Total	79,704	79,855	61,678	159,559	979,700

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

Sources: RAV and BITRE estimates.

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
Toyota	HILUX	7,170	7,191	4,627	14,361	97,938
	HIACE	1,652	1,147	430	2,799	10,780
	Other/Not stated	4	4	0	8	30
	Total	8,826	8,342	5,057	17,168	108,748
Ford	RANGER	6,481	6,523	2,615	13,004	71,817
	TRANSIT	545	285	306	830	3,239
	F150	374	271	0	645	1,684
	Other/Not stated	9	11	0	20	20
	Total	7,409	7,090	2,921	14,499	76,760
Isuzu	D-MAX	2,885	3,841	2,680	6,726	39,352
	Total	2,885	3,841	2,680	6,726	39,352
Nissan	NAVARA	1,453	611	891	2,064	15,131
	Other/Not stated	2	2	0	4	14
	Total	1,455	613	891	2,068	15,145
Mazda	BT-50	1,184	1,658	1,727	2,842	21,393
	Total	1,184	1,658	1,727	2,842	21,393
Mitsubishi	TRITON	194	668	1,560	862	18,692
	Other/Not stated	884	39	0	923	932
	Total	1,078	707	1,560	1,785	19,624
Volkswagen	TRANSPORTER	78	64	102	142	1,089
	Other/Not stated	944	1,374	47	2,318	10,814
	Total	1,022	1,438	149	2,460	11,903
Great Wall	CANNON	792	615	436	1,407	8,757
	Other/Not stated	3	0	0	3	3
	Total	795	615	436	1,410	8,760
LDV	T60	511	445	504	956	8,021
	G10	201	172	227	373	4,177
	Other/Not stated	6	34	4	40	568
	Total	718	651	735	1,369	12,766
Ssangyong	MUSSO	707	483	315	1,190	4,146
	Total	707	483	315	1,190	4,146
RAM	DT	523	328	403	851	3,697
	Other/Not stated	0	0	336	0	1,937
	Total	523	328	739	851	5,634
Renault	TRAFIC	305	3	92	308	1,697
	Other/Not stated	14	3	0	17	25
	Total	319	6	92	325	1,722
Chevrolet	T1XCF_G	249	148	38	397	2,811
	Total	249	148	38	397	2,811
Hyundai	STARIA	248	516	150	764	2,861
	Total	248	516	150	764	2,861
Mercedes-Benz	VITO	35	23	33	58	701
	Other/Not stated	1	4	0	5	58
	Total	36	27	33	63	759
Peugeot	EXPERT	18	69	20	87	523
	PARTNER	12	83	6	95	829
	Other/Not stated	0	0	0	0	60
	Total	30	152	26	182	1,412
Daihatsu	HIJET	28	35	0	63	202
	Total	28	35	0	63	202
Suzuki	Other/Not stated	18	9	0	27	166
	Total	18	9	0	27	166
Jeep	GLADIATOR	16	9	11	25	343
	Total	16	9	11	25	343

(continued)

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
Honda	ACTY	1	1	0	2	4
	Total	1	1	0	2	4
All other makes	Total	3	1	1	4	35
Total	Total	27,550	26,670	17,561	54,220	334,546

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

Sources: RAV and BITRE estimates.

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
Toyota	LANDCRUISER	1,185	1,344	1,012	2,529	17,767
	HILUX	111	60	71	171	986
	Other/Not stated	60	53	11	113	314
	Total	1,356	1,457	1,094	2,813	19,067
Isuzu	NPR	332	271	433	603	3,524
	FRR	164	137	128	301	1,329
	NLR	136	179	101	315	1,704
	D-MAX	105	69	35	174	779
	NNR	65	79	154	144	1,403
	NQR	52	91	106	143	757
	Other/Not stated	50	27	45	77	484
	Total	904	853	1,002	1,757	9,980
Ford	TRANSIT	345	45	10	390	951
	RANGER	224	170	88	394	1,644
	Other/Not stated	23	21	0	44	137
	Total	592	236	98	828	2,732
Mercedes-Benz	SPRINTER	528	598	214	1,126	5,075
	Other/Not stated	3	2	1	5	14
	Total	531	600	215	1,131	5,089
LDV	DELIVER 9	349	195	179	544	4,689
	Other/Not stated	55	8	0	63	67
	Total	404	203	179	607	4,756
Fiat	DUCATO	400	240	188	640	3,292
	Other/Not stated	1	0	0	1	1
	Total	401	240	188	641	3,293
Renault	MASTER	276	196	50	472	2,304
	Other/Not stated	0	1	0	1	5
	Total	276	197	50	473	2,309
IVECO	DAILY	208	170	167	378	2,078
	Other/Not stated	33	23	12	56	188
	Total	241	193	179	434	2,266
Fuso	CANTER	181	173	362	354	2,727
	FIGHTER	44	66	56	110	521
	Other/Not stated	4	8	0	12	118
	Total	229	247	418	476	3,366
Hino	300	142	476	430	618	3,147
	FD SERIES	34	21	40	55	443
	FC SERIES	15	29	55	44	348
	FE SERIES	14	6	3	20	68
	Other/Not stated	2	0	0	2	9
	Total	207	532	528	739	4,015
Chevrolet	T1XCH1	125	76	100	201	988
	T1XCH2	37	28	41	65	355
	Other/Not stated	7	7	0	14	79
	Total	169	111	141	280	1,422
Ineos	IGXX	133	79	0	212	1,100
	Total	133	79	0	212	1,100
Dodge	RAM D1	129	67	94	196	1,292
	Other/Not stated	0	1	0	1	117
	Total	129	68	94	197	1,409
Hyundai	QT-2	13	2	4	15	103
	QT-3	6	7	5	13	71
	QT-1	4	7	3	11	112
	Other/Not stated	25	2	0	27	39
	Total	48	18	12	66	325

(continued)

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
RAM	1500 TRX	15	35	61	50	406
	Other/Not stated	32	17	13	49	278
	Total	47	52	74	99	684
Foton	IBLUE	41	4	5	45	110
	AUMAN	5	2	4	7	24
	Other/Not stated	1	4	4	5	63
	Total	47	10	13	57	197
Volkswagen	CRAFTER	30	151	223	181	1,049
	Other/Not stated	1	0	1	1	17
	Total	31	151	224	182	1,066
Mazda	BT-50	24	17	13	41	252
	Total	24	17	13	41	252
Nissan	PATROL	22	18	5	40	317
	Total	22	18	5	40	317
Peugeot	BOXER	12	11	0	23	32
	Total	12	11	0	23	32
All other makes	Total	23	18	16	41	170
Total	Total	5,826	5,311	4,543	11,137	63,847

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

Sources: RAV and BITRE estimates.

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
Isuzu	FSR	123	108	94	231	1,167
	FVZ	66	42	80	108	800
	FYH	57	55	65	112	709
	FVM	47	22	34	69	549
	FVR	45	25	40	70	343
	FXZ	41	34	44	75	460
	Other/Not stated	26	30	30	56	453
	Total	405	316	387	721	4,481
Kenworth	T610	94	52	70	146	994
	K220	63	20	1	83	225
	T909	62	42	42	104	721
	T659	36	13	29	49	358
	K200	34	30	75	64	926
	W900	31	21	22	52	350
	T360	24	13	25	37	306
	Other/Not stated	57	37	35	94	528
	Total	401	228	299	629	4,408
Volvo	FH SERIES	142	73	238	215	1,762
	FM SERIES	100	64	169	164	1,286
	Other/Not stated	68	110	72	178	832
	Total	310	247	479	557	3,880
Hino	FE SERIES	36	36	94	72	682
	FG SERIES	24	25	11	49	236
	FM SERIES	23	51	38	74	253
	FS SERIES	16	27	14	43	135
	GT SERIES	14	6	10	20	128
	GH SERIES	10	14	39	24	205
	FG	9	5	5	14	80
	Other/Not stated	23	28	32	51	287
	Total	155	192	243	347	2,006
DAF	CF17	95	52	12	147	927
	XF17	19	11	0	30	177
	Other/Not stated	15	20	22	35	98
	Total	129	83	34	212	1,202
Mercedes-Benz	96X	111	148	60	259	1,304
	UNIMOG	8	3	0	11	21
	Other/Not stated	6	10	8	16	99
	Total	125	161	68	286	1,424
Mack	SUPERLINER	41	39	19	80	434
	ANTHEM	37	31	13	68	312
	TRIDENT	28	13	19	41	276
	METROLINER	11	8	10	19	204
	Other/Not stated	0	1	0	1	2
	Total	117	92	61	209	1,228
Scania	R SERIES	43	54	12	97	623
	G SERIES	36	5	50	41	453
	P SERIES	25	23	21	48	344
	Other/Not stated	10	1	0	11	27
	Total	114	83	83	197	1,447
Fuso	FV SERIES	58	71	48	129	698
	FIGHTER	39	69	41	108	507
	FS SERIES	13	21	5	34	139
	Other/Not stated	3	4	0	7	15
	Total	113	165	94	278	1,359

(continued)

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
IVECO	S-WAY	57	70	12	127	392
	T-WAY	13	13	0	26	46
	ACCO	12	4	0	16	18
	EUROCARGO	11	12	10	23	141
	Other/Not stated	1	1	5	2	39
	Total	94	100	27	194	636
Sinotruk	T5G	48	31	18	79	283
	C7H	34	0	30	34	150
	Other/Not stated	10	0	0	10	13
	Total	92	31	48	123	446
UD	GWB	31	35	38	66	474
	CWB	31	19	10	50	204
	CGB	19	21	37	40	238
	Other/Not stated	8	40	14	48	287
	Total	89	115	99	204	1,203
MAN	TGA	39	46	20	85	458
	TG4	12	0	0	12	13
	TGM	10	7	4	17	136
	Other/Not stated	3	3	0	6	14
	Total	64	56	24	120	621
Freightliner	CASCADIA	34	43	21	77	407
	Total	34	43	21	77	407
Franna	Other/Not stated	31	8	0	39	536
	Total	31	8	0	39	536
All other makes	Total	90	75	15	165	830
Total	Total	2,363	1,995	1,982	4,358	26,114

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

Sources: RAV and BITRE estimates.

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
Toyota	COMMUTER	122	131	111	253	2,598
	COASTER	13	12	37	25	304
	Total	135	143	148	278	2,902
Volgren	2 AXLE OMNIBUS	44	19	33	63	378
	Other/Not stated	1	1	0	2	14
	Total	45	20	33	65	392
LDV	DELIVER 9	38	30	5	68	347
	Total	38	30	5	68	347
Fuso	ROSA	35	27	13	62	322
	Total	35	27	13	62	322
Irizar	COACH	22	29	13	51	194
	Total	22	29	13	51	194
Yutong	ZK6772D	5	24	5	29	119
	ZK6137	4	11	2	15	32
	ZK6129HCA	3	12	4	15	51
	ZK6938H	2	6	0	8	28
	Other/Not stated	1	1	6	2	9
	Total	15	54	17	69	239
BCI	PK6127A	7	8	8	15	68
	PK6850ARI	6	2	0	8	21
	PK6120AG	1	0	0	1	15
	Other/Not stated	0	9	2	9	22
	Total	14	19	10	33	126
Isuzu	NQR	6	4	11	10	21
	NPS	6	0	2	6	35
	NLS	1	0	2	1	6
	Other/Not stated	0	1	1	1	7
	Total	13	5	16	18	69
Mercedes-Benz	SPRINTER	11	8	2	19	69
	AROCS	1	0	1	1	3
	Other/Not stated	0	0	0	0	3
	Total	12	8	3	20	75
BYD	Other/Not stated	11	0	0	11	16
	Total	11	0	0	11	16
Ford	TRANSIT	10	5	0	15	15
	Total	10	5	0	15	15
Guangtong	GTK6105A	3	0	0	3	6
	Other/Not stated	6	0	0	6	16
	Total	9	0	0	9	22
Custom Bus	ELEMENT	5	0	2	5	64
	METRO	2	3	2	5	47
	PHOENIX	1	0	1	1	11
	Total	8	3	5	11	122
Scania	TOURING	5	7	2	12	31
	Other/Not stated	0	10	0	10	15
	Total	5	17	2	22	46
Hess	BGGT-N2D	4	4	0	8	8
	Total	4	4	0	8	8
Coach Design	COLT	3	1	2	4	22
	Total	3	1	2	4	22
Coach Concepts	EXPLORER	3	2	0	5	21
	Total	3	2	0	5	21
Marcopolo	AUDACE	3	1	0	4	27
	Total	3	1	0	4	27

(continued)

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
Express Coach Builders	OMNIBUS	2	3	2	5	37
	Total	2	3	2	5	37
Bonluck	Other/Not stated	1	10	0	11	31
	Total	1	10	0	11	31
All other makes	Total	1	38	18	39	190
Total	Total	389	419	287	808	5,223

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

Sources: RAV and BITRE estimates.

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
Honda	NSC110	336	96	48	432	2,208
	CBF125	288	192	48	480	1,200
	CB750	79	0	0	79	339
	CRF300	78	30	207	108	1,344
	Other/Not stated	642	235	385	877	5,863
	Total	1,423	553	688	1,976	10,954
Yamaha	YZF320	156	0	76	156	732
	SEH2	96	128	96	224	538
	MTN320	48	0	24	48	626
	GPD150	40	0	24	40	440
	CZD300	40	0	68	40	540
	YZF155	35	0	0	35	215
	MTM890	26	15	26	41	312
	Other/Not stated	63	528	685	591	6,694
Total	504	671	999	1,175	10,097	
Kawasaki	EN650	131	205	138	336	949
	ZR900	53	37	54	90	455
	EX650	34	40	0	74	278
	ZX1000	29	55	16	84	253
	EX400	27	2	150	29	1,067
	KL650	24	59	12	83	539
	Other/Not stated	118	225	112	343	1,611
	Total	416	623	482	1,039	5,152
Kymco	AGILITY SERIES	156	138	0	294	1,150
	CK50QT-5	80	40	0	120	334
	LIKE SERIES	76	62	0	138	935
	KG10AA	28	14	0	42	122
	Other/Not stated	8	22	14	30	138
	Total	348	276	14	624	2,679
CFMoto	CF400	220	30	0	250	861
	CF800	46	52	56	98	439
	CF250	42	0	32	42	229
	CF125	33	64	0	97	98
	Other/Not stated	0	42	80	42	335
	Total	341	188	168	529	1,962
BMW	S1000	58	86	159	144	668
	K50	37	75	123	112	939
	R18	32	7	4	39	269
	K8X	31	20	43	51	399
	G310	23	27	14	50	284
	C400	17	13	13	30	139
	Other/Not stated	124	97	48	221	448
	Total	322	325	404	647	3,146
Harley-Davidson	FLH SERIES	134	145	139	279	1,018
	CRU SERIES	84	114	483	198	3,838
	Other/Not stated	79	18	123	97	692
	Total	297	277	745	574	5,548
Triumph	PV SERIES	56	12	15	68	72
	Other/Not stated	233	396	380	629	2,046
	Total	289	408	395	697	2,118
Suzuki	UK110	36	50	144	86	942
	DS250	34	84	0	118	417
	DR-Z400	20	36	35	56	498
	DL650	15	17	13	32	163
	DL800	14	22	0	36	206
	GSX250	9	34	0	43	144
	GSX-S1000	9	15	9	24	223
	Other/Not stated	30	59	33	89	902
	Total	167	317	234	484	3,495

(continued)

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
Zero	Other/Not stated	139	0	0	139	154
	Total	139	0	0	139	154
Royal Enfield	J1	72	14	152	86	422
	CNEX	33	108	54	141	1,112
	Other/Not stated	3	0	64	3	116
	Total	108	122	270	230	1,650
Longjia	LJ50QT	104	0	0	104	164
	Other/Not stated	0	0	0	0	90
	Total	104	0	0	104	254
Beta	RR	62	15	44	77	445
	EX	14	8	0	22	96
	X-TRAINER	8	19	0	27	199
	Total	84	42	44	126	740
Ducati	MULTISTRADA	14	0	0	14	95
	6A	11	0	0	11	143
	PANIGALE	8	0	0	8	309
	4M	8	0	0	8	130
	3D	7	0	0	7	168
	SUPERSPORT	6	0	0	6	95
	Other/Not stated	26	0	0	26	959
	Total	80	0	0	80	1,899
KTM	IS DUKE	42	0	42	42	882
	SUPER DUKE	4	0	10	4	328
	Other/Not stated	1	1	914	2	6,447
	Total	47	1	966	48	7,657
Vespa	Other/Not stated	44	14	2	58	579
	Total	44	14	2	58	579
Sherco	S6	33	0	42	33	346
	Total	33	0	42	33	346
GASGAS	EC SERIES	31	0	0	31	428
	Other/Not stated	0	0	27	0	192
	Total	31	0	27	31	620
Aprilia	TUAREG 660	15	28	3	43	128
	Other/Not stated	13	0	0	13	258
	Total	28	28	3	56	386
Benelli	P37	6	0	0	6	6
	P36	5	0	0	5	22
	P16	5	0	0	5	38
	P18	2	0	0	2	17
	Other/Not stated	0	0	0	0	22
	Total	18	0	0	18	105
All other makes	Total	55	177	1,125	232	7,463
Total	Total	4,878	4,022	6,608	8,900	67,004

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

Sources: RAV and BITRE estimates.

Concessional approval RAV entries

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

Month	Vehicle type									Total
	Passen- ger vehicles	Light com- mercial vehicles	Medium goods vehicles	Heavy goods vehicles	Motor- cycles	Light trailers	Medium trailers	Heavy trailers	Not stated	
Feb 2024	1,654	302	31	67	0	351	59	19	578	3,061
Jan 2024	1,349	273	38	24	0	330	49	8	595	2,666
Dec 2023	1,386	259	30	24	0	323	63	13	487	2,585
Nov 2023	1,522	371	31	4	0	368	73	21	646	3,036
Oct 2023	1,383	331	19	3	0	302	52	12	706	2,808
Sep 2023	1,163	368	18	45	0	408	92	14	1,103	3,211
Aug 2023	1,476	185	18	13	0	321	70	14	1,183	3,280
Jul 2023	905	77	12	426	1	128	15	10	966	2,540
Jun 2023	803	39	11	196	0	235	8	17	2,814	4,123
May 2023	701	16	0	3	0	51	3	5	837	1,616
Apr 2023	455	24	15	91	0	23	1	9	543	1,161
Mar 2023	441	16	5	5	0	16	3	3	640	1,129
Feb 2023	495	10	5	10	0	10	2	7	597	1,136
Jan 2023	397	7	1	4	0	12	0	1	673	1,095
Dec 2022	421	2	0	6	0	31	9	5	667	1,141
Nov 2022	393	2	4	17	0	46	8	12	1,218	1,700
Oct 2022	287	1	0	0	0	40	9	6	1,226	1,569
Sep 2022	195	0	0	0	0	53	7	11	1,246	1,512
Aug 2022	263	2	0	0	0	60	11	9	1,246	1,591
Jul 2022	161	0	1	0	0	57	25	12	1,007	1,263
Jun 2022	98	1	1	56	0	48	6	5	1,239	1,454
May 2022	67	0	0	36	0	29	6	0	867	1,005
Apr 2022	59	0	0	34	0	43	9	5	986	1,136
Mar 2022	27	0	6	33	1	43	5	1	972	1,088
Feb 2022	1	0	0	16	0	90	15	4	1,286	1,412

a. Total excludes Second Stage of Manufacture vehicles.

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

Sources: RAV and BITRE estimates.

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

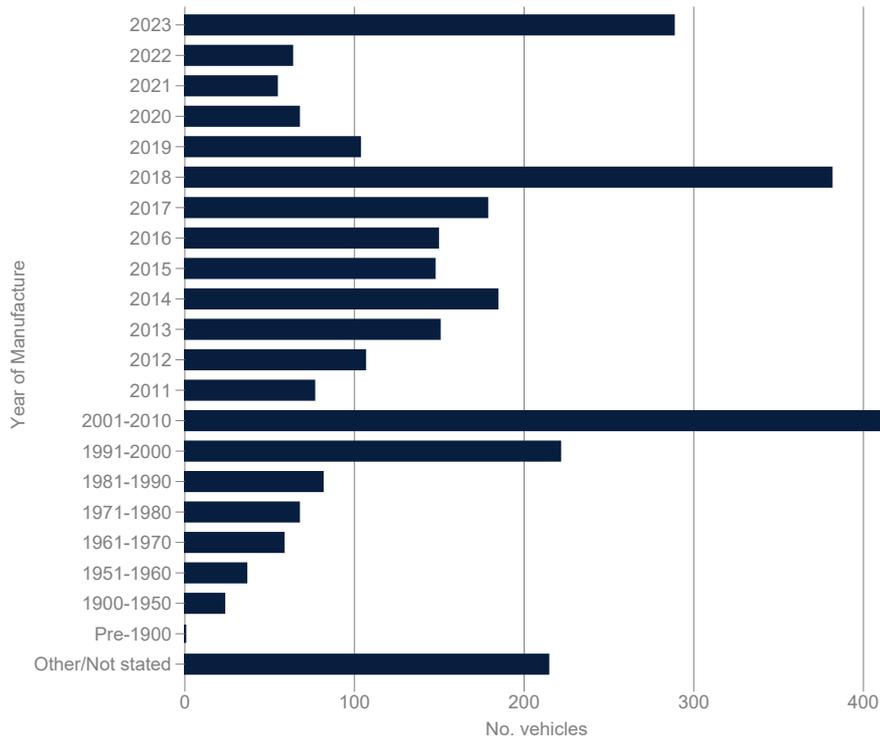
Year of Manufacture	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
2023	288	326	17	614	3,415
2022	63	67	31	130	1,136
2021	54	56	24	110	743
2020	67	55	18	122	563
2019	103	62	33	165	744
2018	381	330	40	711	2,550
2017	178	178	154	356	2,560
2016	149	136	57	285	1,306
2015	147	122	66	269	1,426
2014	184	151	66	335	1,708
2013	150	101	85	251	1,206
2012	106	110	73	216	1,346
2011	76	57	58	133	746
2001-2010	415	318	287	733	4,664
1991-2000	221	216	70	437	2,757
1981-1990	81	92	18	173	1,118
1971-1980	67	115	13	182	1,199
1961-1970	58	77	12	135	923
1951-1960	36	26	6	62	476
1900-1950	23	18	8	41	353
Pre-1900	0	1	0	1	5
Other/Not stated	214	52	0	266	272
Total	3,061	2,666	1,136	5,727	31,216

a. Total excludes Second Stage of Manufacture vehicles.

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

Sources: RAV and BITRE estimates.

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



Sources: RAV and BITRE estimates.

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

Month	SEV approval criterion							Total
	Camper-vans and Motor-homes	Environmental	Left-Hand Drive	Mobility	Performance	Rarity	Not stated	
Feb 2024	241	1,105	41	331	262	7	0	1,987
Jan 2024	245	928	39	223	221	4	0	1,660
Dec 2023	206	935	37	243	246	7	0	1,674
Nov 2023	353	1,000	31	270	260	10	0	1,924
Oct 2023	265	932	29	290	211	6	0	1,733
Sep 2023	268	695	14	333	220	9	4	1,543
Aug 2023	161	941	3	300	211	5	58	1,679
Jul 2023	53	520	0	196	189	11	25	994
Jun 2023	19	481	2	125	204	6	5	842
May 2023	6	392	4	176	130	4	5	717
Apr 2023	3	259	0	109	98	2	2	473
Mar 2023	6	236	0	113	92	7	2	456
Feb 2023	5	244	0	133	120	0	1	503
Jan 2023	3	224	0	95	80	2	0	404
Dec 2022	2	205	0	89	121	4	1	422
Nov 2022	1	90	0	1	41	0	261	394
Oct 2022	0	55	0	2	38	0	193	288
Sep 2022	0	30	0	2	27	0	136	195
Aug 2022	0	48	0	2	28	0	187	265
Jul 2022	0	11	0	0	27	0	123	161
Jun 2022	0	30	0	0	18	0	51	99
May 2022	0	7	0	1	21	0	37	66
Apr 2022	0	15	0	9	21	0	14	59
Mar 2022	0	0	0	27	0	0	0	27

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

Sources: RAV and BITRE estimates.

Second Stage of Manufacture RAV entries

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

Month	Passenger vehicles	Light commercial vehicles	Medium goods vehicles	Heavy goods vehicles	Buses	Not stated	Total
Feb 2024	543	3,349	1,262	147	30	0	5,331
Jan 2024	265	3,025	851	170	25	0	4,336
Dec 2023	173	2,793	1,070	108	22	0	4,166
Nov 2023	234	3,040	1,237	155	29	0	4,695
Oct 2023	141	3,576	1,299	139	23	1	5,179
Sep 2023	130	5,560	1,043	42	21	0	6,796
Aug 2023	166	3,913	1,293	40	39	0	5,451
Jul 2023	119	3,015	971	30	37	0	4,172
Jun 2023	152	2,837	1,088	20	22	0	4,119
May 2023	143	3,043	998	29	32	0	4,245
Apr 2023	82	2,259	657	6	19	0	3,023
Mar 2023	117	3,144	765	54	15	0	4,095
Feb 2023	79	2,001	591	28	36	0	2,735
Jan 2023	85	1,849	498	29	15	0	2,476
Dec 2022	70	1,994	615	50	16	0	2,745
Nov 2022	63	2,584	736	1	19	0	3,403
Oct 2022	50	3,203	705	18	41	0	4,017
Sep 2022	60	2,496	739	34	7	0	3,336
Aug 2022	55	1,403	896	18	26	0	2,398
Jul 2022	41	1,347	642	20	27	0	2,077
Jun 2022	48	1,730	674	25	18	0	2,495
May 2022	15	1,589	711	18	21	0	2,354
Apr 2022	19	1,029	435	0	27	0	1,510
Mar 2022	24	1,573	570	0	19	0	2,186
Feb 2022	32	1,380	445	0	13	0	1,870

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

Sources: RAV and BITRE estimates.

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

Make	Model	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
Toyota	HILUX	2,749	2,548	1,648	5,297	33,435
	LANDCRUISER	352	257	68	609	3,734
	HIACE	15	8	17	23	158
	COMMUTER	12	17	12	29	175
	Other/Not stated	18	39	15	57	360
	Total	3,146	2,869	1,760	6,015	37,862
Nissan	PATROL	417	167	5	584	1,049
	NAVARA	327	188	212	515	2,836
	Total	744	355	217	1,099	3,885
Ford	RANGER	429	333	191	762	3,344
	Other/Not stated	23	16	2	39	88
	Total	452	349	193	801	3,432
Isuzu	D-MAX	186	166	85	352	1,824
	MU-X	49	33	26	82	404
	NPS	35	4	26	39	310
	FVZ	15	3	7	18	86
	NH NP	10	5	6	15	57
	Other/Not stated	15	10	15	25	87
	Total	310	221	165	531	2,768
Fiat	DUCATO	159	110	91	269	1,507
	Other/Not stated	1	0	0	1	1
	Total	160	110	91	270	1,508
Mercedes-Benz	SPRINTER	105	57	73	162	1,487
	Other/Not stated	5	14	1	19	66
	Total	110	71	74	181	1,553
Mazda	BT-50	84	49	41	133	818
	Total	84	49	41	133	818
Volvo	Other/Not stated	54	68	2	122	341
	Total	54	68	2	122	341
IVECO	DAILY	15	12	32	27	297
	Other/Not stated	35	25	12	60	195
	Total	50	37	44	87	492
Volkswagen	Other/Not stated	35	38	46	73	340
	Total	35	38	46	73	340
All other makes	Total	186	169	102	355	2,609
Total	Total	5,331	4,336	2,735	9,667	55,608

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

Sources: RAV and BITRE estimates.

RAV entries of caravans and camper trailers

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

Rank	Make	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
1	Jayco	836	380	1,015	1,216	10,308
2	Regent RV Pty Ltd	283	219	89	502	3,346
3	Austrack Campers	278	356	0	634	2,199
4	Crusader Caravans	202	108	1	310	1,416
5	Market Direct Campers	187	154	1	341	2,261
6	Ezytrail	177	143	0	320	1,925
7	Network RV	127	23	0	150	1,040
8	New Age Caravans	124	92	0	216	1,285
9	Stoney Creek Campers	95	70	0	165	1,017
10	Supreme	93	40	0	133	772
11	JB Caravans	82	10	0	92	953
12	Avan	71	57	0	128	607
13	Essential Caravans	71	75	136	146	1,391
14	Adventure Kings	69	34	41	103	674
15	Leader	64	24	0	88	666
16	Arctic Campers	60	0	0	60	69
17	Mars Campers	60	15	0	75	191
18	Design RV	53	36	0	89	732
19	Zone RV	50	35	0	85	319
20	Franklin Caravans	40	18	0	58	395
21	Other makes	1,185	834	98	2,019	15,611
Total	-	4,207	2,723	1,381	6,930	47,177

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

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

Sources: RAV and BITRE estimates.

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

Tare weight	Feb 2024	Jan 2024	Feb 2023	Year to date	Last 12 months
<= 500kg	31	42	0	73	412
500-1000kg	149	98	98	247	1,497
1000-1500kg	419	306	272	725	4,976
1500-2000kg	636	468	274	1,104	7,620
2000-2500kg	1,742	1,164	564	2,906	18,960
2500-3000kg	1,143	576	169	1,719	12,530
3000-5000kg	87	69	4	156	1,170
> 5000kg	0	0	0	0	11
Not stated	0	0	0	0	1
Total	4,207	2,723	1,381	6,930	47,177

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

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

Sources: RAV and BITRE estimates.

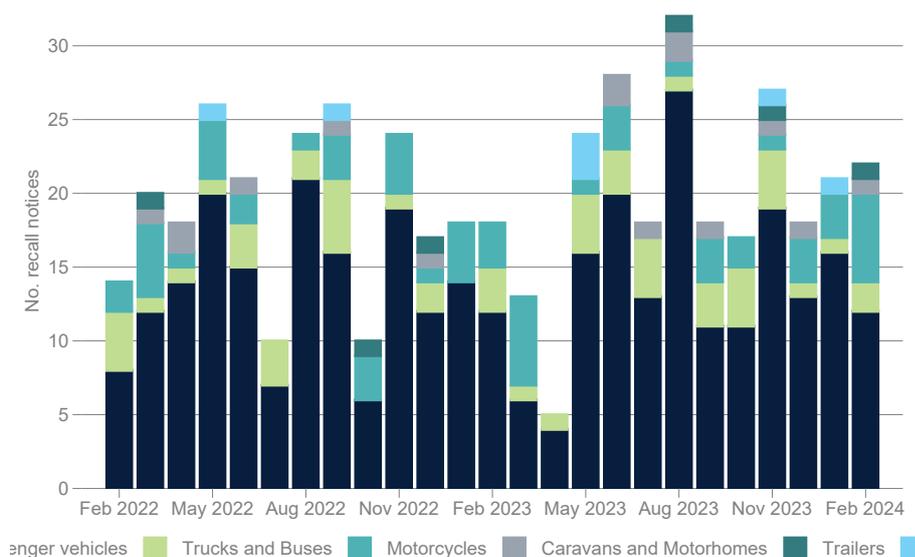
Vehicle recalls

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

Month	Recall notice vehicle category						Total
	Passenger vehicles	Trucks and buses	Motorcycles	Caravans and motorhomes	Trailers	Other vehicles	
Feb 2024	12	2	6	1	1	0	22
Jan 2024	16	1	3	0	0	1	21
Dec 2023	13	1	3	1	0	0	18
Nov 2023	19	4	1	1	1	1	27
Oct 2023	11	4	2	0	0	0	17
Sep 2023	11	3	3	1	0	0	18
Aug 2023	27	1	1	2	1	0	32
Jul 2023	13	4	0	1	0	0	18
Jun 2023	20	3	3	2	0	0	28
May 2023	16	4	1	0	0	3	24
Apr 2023	4	1	0	0	0	0	5
Mar 2023	6	1	6	0	0	0	13
Feb 2023	12	3	3	0	0	0	18
Jan 2023	14	0	4	0	0	0	18
Dec 2022	12	2	1	1	1	0	17
Nov 2022	19	1	4	0	0	0	24
Oct 2022	6	0	3	0	1	0	10
Sep 2022	16	5	3	1	0	1	26
Aug 2022	21	2	1	0	0	0	24
Jul 2022	7	3	0	0	0	0	10
Jun 2022	15	3	2	1	0	0	21
May 2022	20	1	4	0	0	1	26
Apr 2022	14	1	1	2	0	0	18
Mar 2022	12	1	5	1	1	0	20
Feb 2022	8	4	2	0	0	0	14

Sources: ROVER and BITRE estimates.

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



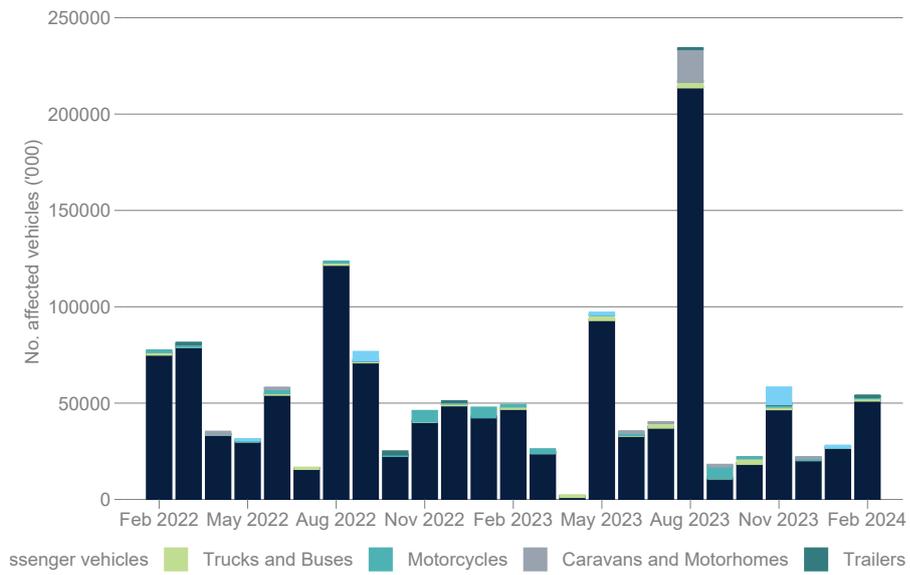
Sources: DITRDCA ROVER and BITRE estimates.

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

Month	Recall notice vehicle category						Total
	Passenger vehicles	Trucks and buses	Motorcycles	Caravans and motorhomes	Trailers	Other vehicles	
Feb 2024	51,482	1,210	765	26	128	0	53,611
Jan 2024	26,900	255	130	0	0	443	27,728
Dec 2023	20,562	155	887	62	0	0	21,666
Nov 2023	47,007	1,316	842	50	471	8,262	57,948
Oct 2023	18,668	2,847	224	0	0	0	21,739
Sep 2023	11,194	56	6,092	449	0	0	17,791
Aug 2023	214,047	2,828	40	16,999	9	0	233,923
Jul 2023	37,427	2,419	0	36	0	0	39,882
Jun 2023	33,244	334	1,371	72	0	0	35,021
May 2023	93,280	2,711	72	0	0	729	96,792
Apr 2023	1,479	525	0	0	0	0	2,004
Mar 2023	24,225	30	1,627	0	0	0	25,882
Feb 2023	47,173	1,225	511	0	0	0	48,909
Jan 2023	42,786	0	4,702	0	0	0	47,488
Dec 2022	49,037	896	516	303	5	0	50,757
Nov 2022	40,538	61	5,140	0	0	0	45,739
Oct 2022	22,770	0	787	0	1,220	0	24,777
Sep 2022	71,334	669	370	20	0	4,000	76,393
Aug 2022	121,945	1,183	160	0	0	0	123,288
Jul 2022	16,121	175	0	0	0	0	16,296
Jun 2022	54,517	897	2,236	10	0	0	57,660
May 2022	30,361	16	574	0	0	25	30,976
Apr 2022	33,685	106	138	1,050	0	0	34,979
Mar 2022	79,281	4	1,220	158	513	0	81,176
Feb 2022	75,332	1,327	541	0	0	0	77,200

Sources: ROVER and BITRE estimates.

Figure 14 Vehicle recalls, total vehicles affected, by vehicle type, February 2022 to February 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 webpage⁶ and in the following RVSA-related legislative instruments:

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

RAV approvals

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

- Type approval pathway
- Concessional RAV entry approval pathway⁷

Vehicle type approvals

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

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

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

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

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

Concessional RAV entry approvals

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

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

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

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

Further details are provided in DITRDCA (2023b).

Vehicle attributes recorded on the RAV

Vehicle attributes recorded on the RAV include:

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

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

RAV coverage

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

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

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

Glossary

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

Entry Pathway sub-categories

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Australian Design Rules vehicle categories

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

Two-wheeled and three-wheeled vehicles

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

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

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

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

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

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

Passenger vehicles (excluding omnibuses)

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

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

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

Omnibuses

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

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

Goods vehicles

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

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

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

Trailers

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

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

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

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

BITRE Road Vehicles Australia vehicle type

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

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

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

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

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

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

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

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

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

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

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

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

Abbreviations

ADR – Australian Design Rules

ATM – Aggregate trailer mass

BITRE – Bureau of Infrastructure and Transport Research Economics

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

FCV – Forward control passenger vehicle

GCM – Gross combination mass

GVM – Gross vehicle mass

HGV – Heavy goods vehicles

LCV – Light commercial vehicles

LGV – Light goods vehicles

MGV – Medium goods vehicles

MVSA – Motor Vehicle Standards Act 1989

OEM – original equipment manufacturer

RAV – Register of Approved Vehicles

RAW – Registered Automotive Workshop

RAWS – Registered Automotive Workshop Scheme

ROVER – Road Vehicle Regulator (RVSA administration system)

RVSA – Road Vehicles Standards Act 2018

SEV – Specialist and Enthusiast Vehicle

SSM – Second Stage of Manufacture

References

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