

Monitoring CO₂ emissions from passenger cars and light commercial vehicles in 2022

Disclaimer

This report documents the latest official data submitted by FCAI Member brands. The CO₂ performance for each model/variant is certified by the Commonwealth Department of Infrastructure, Transport Regional Development and Communications. For both passenger cars and light commercial vehicles, the reported CO₂ emissions are based upon measurements performed in the laboratory using the Australian Design Rule (ADR) 81/02 standard test cycle. Such measurements may differ from emissions during real-world driving.

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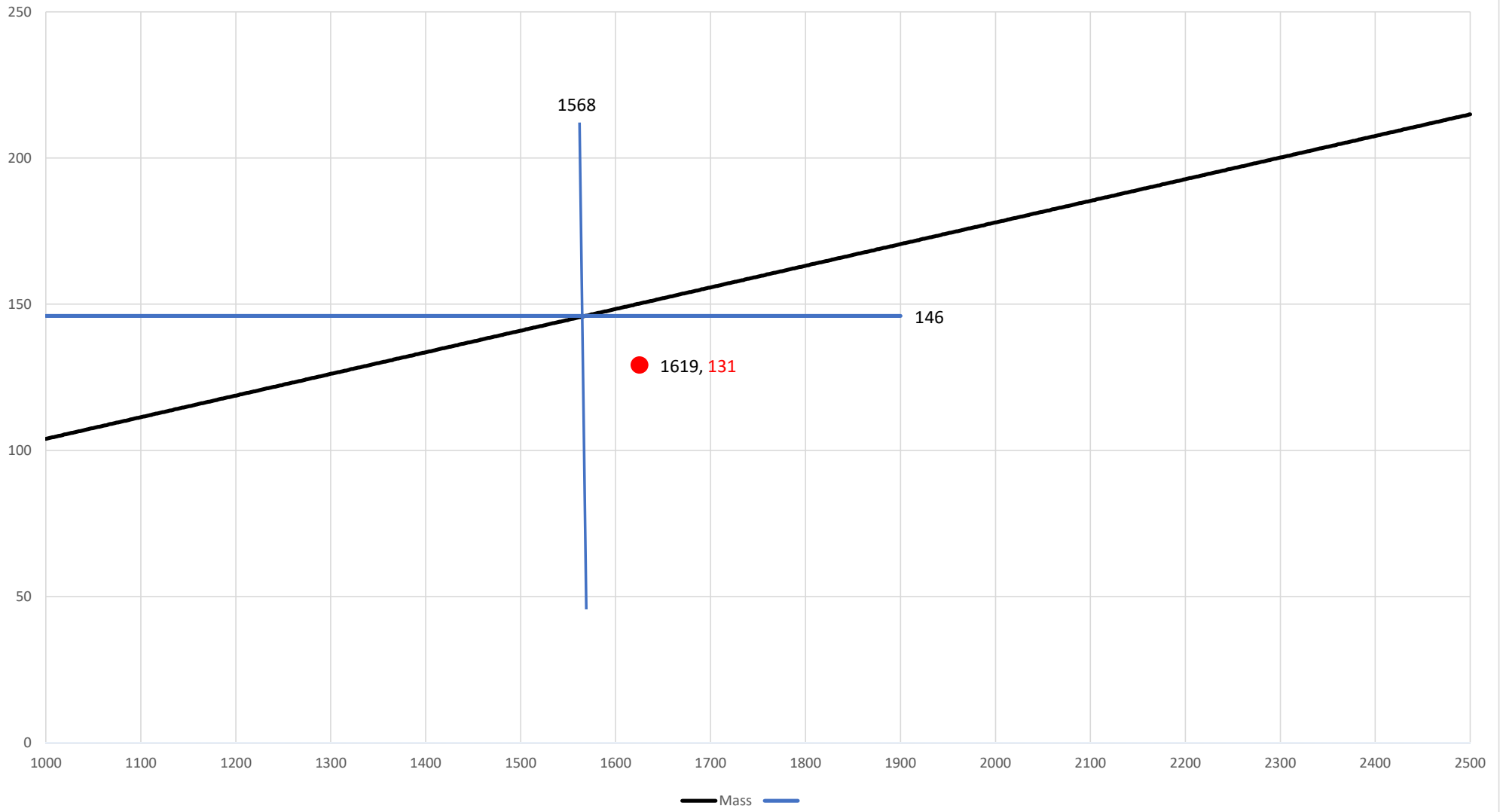
FCAI (industry)

CO₂ emission performance

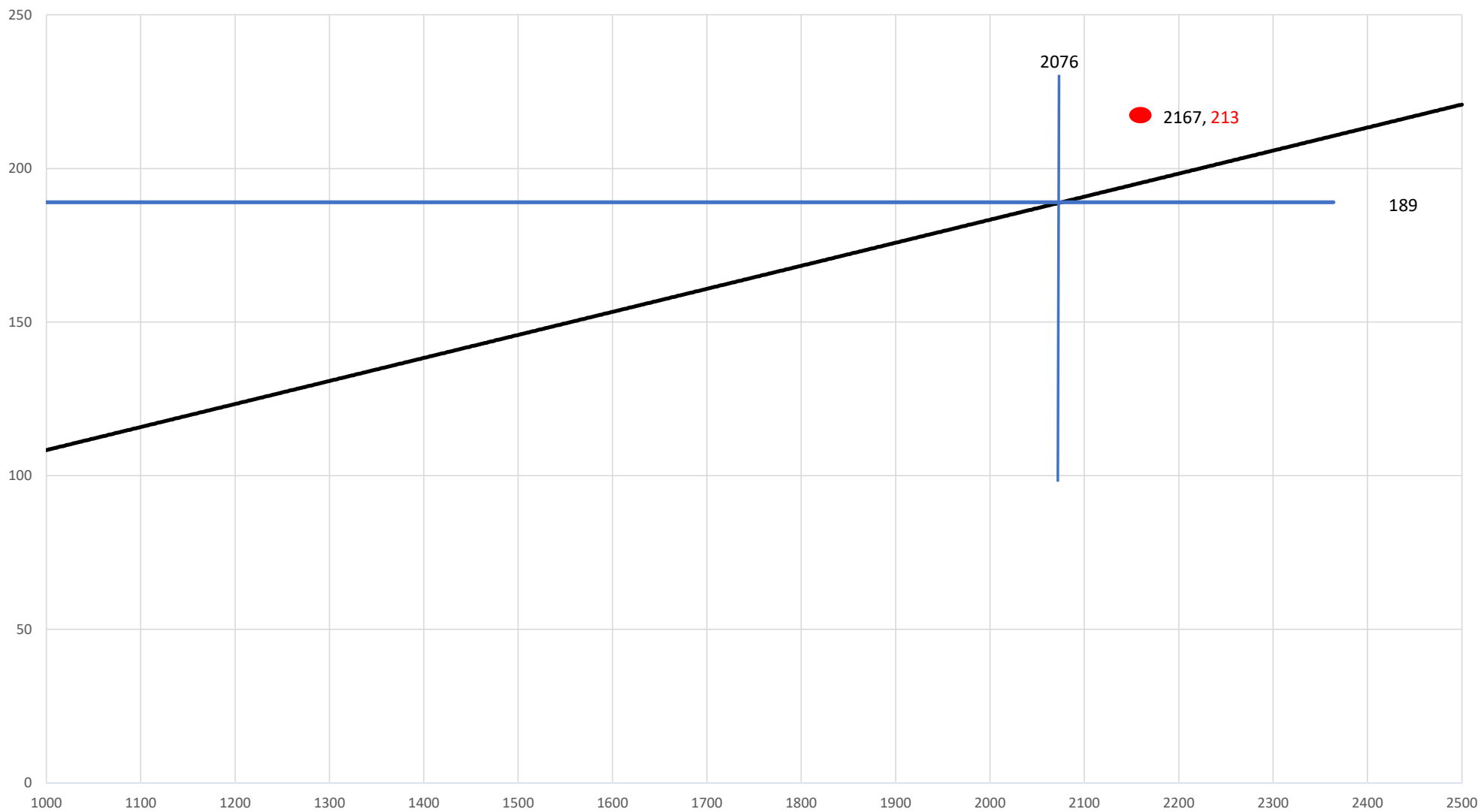
Table 1. CO₂ emission performance of FCAI brands in 2022

CATEGORY	Number of Sales	Average CO ₂ emissions	Specific emissions target	Difference between average CO ₂ emissions and specific emission target
MA	649,842	131.138	146	(14.862)
MC+NA	376,604	212.767	189	23.767

2022 FCAI CO₂ Standard MA CATEGORY



2022 FCAI CO₂ Standard
MC+NA CATEGORY



— Mass —

Manufacturers'

CO₂ emission performance

Table 2. CO₂ emission performance of FCAI brands in 2022 (MA Category)

MANUFACTURER	Number of Sales	Average CO ₂ emissions	Specific emissions target	Difference between average CO ₂ emissions and specific emission target	2022 Carry Forward Credit	CUMULATIVE Carry Forward Credit
Alfa Romeo	559	145.684	153.968	(8.284)	4,631	25,601
Alpine	4	147.500	117.288	30.212		
Audi	13,124	152.916	154.280	(1.364)	17,902	214,173
BMW	18,801	136.972	165.898	(28.926)	543,839	712,971
BYD	2,113		165.018	(165.018)	348,683	348,683
Chevrolet	225	313.000	157.820	155.180		
Chrysler	78	292.794	187.973	104.821		
Citroen	269	138.428	134.944	3.484		
CUPRA	1,113	136.932	148.907	(11.975)	13,329	13,329
Ferrari	207	247.240	155.480	91.759		
Fiat	365	109.503	108.518	0.985		1,358
Ford	7,783	185.699	157.520	28.179		
Genesis	1,039	148.769	185.112	(36.343)	37,760	37,760
GWM	17,218	172.989	148.196	24.793		
Honda	14,214	150.404	144.682	5.722		
Hyundai	69,976	154.067	145.025	9.041		
Isuzu Ute	1,549	206.000	188.257	17.743		
Jaguar	700	182.148	172.544	9.604		53,034
Jeep	1,040	192.613	159.098	33.514		
Kia	78,330	154.911	150.942	3.969		
Lamborghini	176	330.761	171.002	159.759		
Land Rover	689	186.296	167.069	19.227		
LDV	1,133	242.882	195.700	47.183		
Lexus	6,801	120.472	171.114	(50.642)	344,414	1,030,516
Maserati	594	235.659	185.137	50.522		
Mazda	80,220	148.077	147.961	0.115		
Mercedes-Benz Cars	26,391	150.547	171.353	(20.806)	549,079	1,274,194
Mercedes-Benz Vans	797	166.120	216.149	(50.029)	39,873	87,508
MG	49,073	157.245	133.980	23.266		
MINI	3,002	87.179	137.189	(50.010)	150,131	330,663
Mitsubishi	39,862	163.898	150.294	13.604		
Nissan	10,054	160.842	150.998	9.844		
Peugeot	1,405	127.303	143.283	(15.980)	21,515	23,492
Polestar	1,480		185.060	(185.060)	273,889	273,889
Porsche	4,023	158.163	172.648	(14.485)	58,272	214,873
Renault	5,259	165.484	141.635	23.849		
Skoda	6,502	139.952	146.748	(6.796)	44,187	193,293
SsangYong	520	176.473	147.459	29.014		
Subaru	15,660	164.317	144.795	19.522		
Suzuki	20,316	133.423	123.399	10.024		
Tesla	19,594		172.050	(172.050)	3,371,140	3,371,140
Toyota	94,673	105.369	146.876	(41.507)	3,929,633	15,654,337
Volkswagen	23,454	147.716	149.171	(1.455)	34,130	343,855
Volvo Car	9,457	98.258	176.821	(78.563)	742,975	1,150,719

*1 Transfer of accumulated credit Between brands

Manufacturers'

CO₂ emission performance

Table 3. CO₂ emission performance of FCAI brands in 2022 (MC+NA Category)

MANUFACTURER	Number of Sales	Average CO ₂ emissions	Specific emissions target	Difference between average CO ₂ emissions and specific emission target	2022 Carry Forward Credit	CUMULATIVE Carry Forward Credit
Alfa Romeo	8	140.600	163.425	(22.825)	183	183
Audi	1,608	194.411	203.366	(8.955)	14,400	20,566
BMW	3,895	167.898	175.058	(7.160)	27,888	83,862
Chevrolet	1,823	305.256	228.269	76.987		
Ford	58,448	214.700	209.265	5.435		101,609
GWM	7,832	245.550	192.317	53.234		
Hyundai	3,369	183.044	184.897	(1.853)	6,242	6,242
Isuzu Ute	33,768	209.627	192.980	16.647		
Jeep	5,618	228.103	196.042	32.061		
Land Rover	3,659	212.549	205.762	6.787		124,431
LDV	11,955	237.308	199.498	37.809		
Lexus	288	256.064	239.533	16.531		
Mazda	15,498	201.045	185.323	15.721		
Mercedes-Benz Cars	426	292.571	232.106	60.464		976
Mercedes-Benz Vans	938	175.236	188.994	(13.757)	12,905	46,394
Mitsubishi	37,124	219.031	185.066	33.966		
Nissan	16,090	255.276	213.252	42.024		
Peugeot	599	151.754	158.079	(6.325)	3,789	17,919
Porsche	1,581	191.967	195.595	(3.628)	5,735	44,444
RAM	5,332	263.293	240.082	23.211		11,251
Renault	1,957	161.656	163.860	(2.204)	4,313	22,295
SsangYong	3,428	227.749	203.044	24.705		
Subaru	20,375	155.013	162.014	(7.001)	142,646	411,374
Suzuki	1,262	152.124	121.624	30.500		
Toyota	132,015	212.186	197.693	14.493		
Volkswagen	6,450	222.018	183.804	38.214		
Volvo Car	1,258	128.441	202.336	(73.896)	92,961	128,092