

Monitoring CO₂ emissions from passenger cars and light commercial vehicles in 2021

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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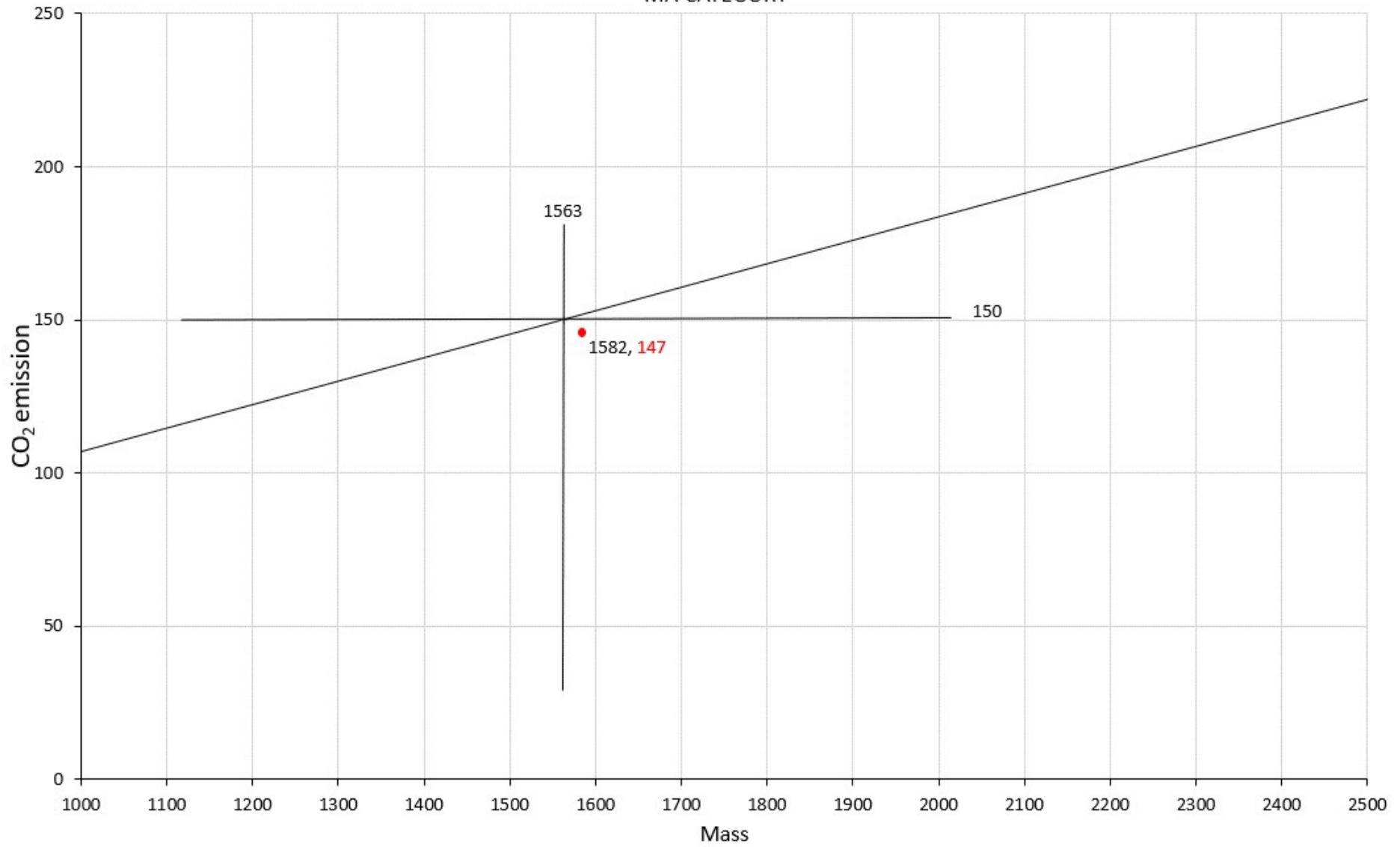
FCAI (industry)

CO₂ emission performance

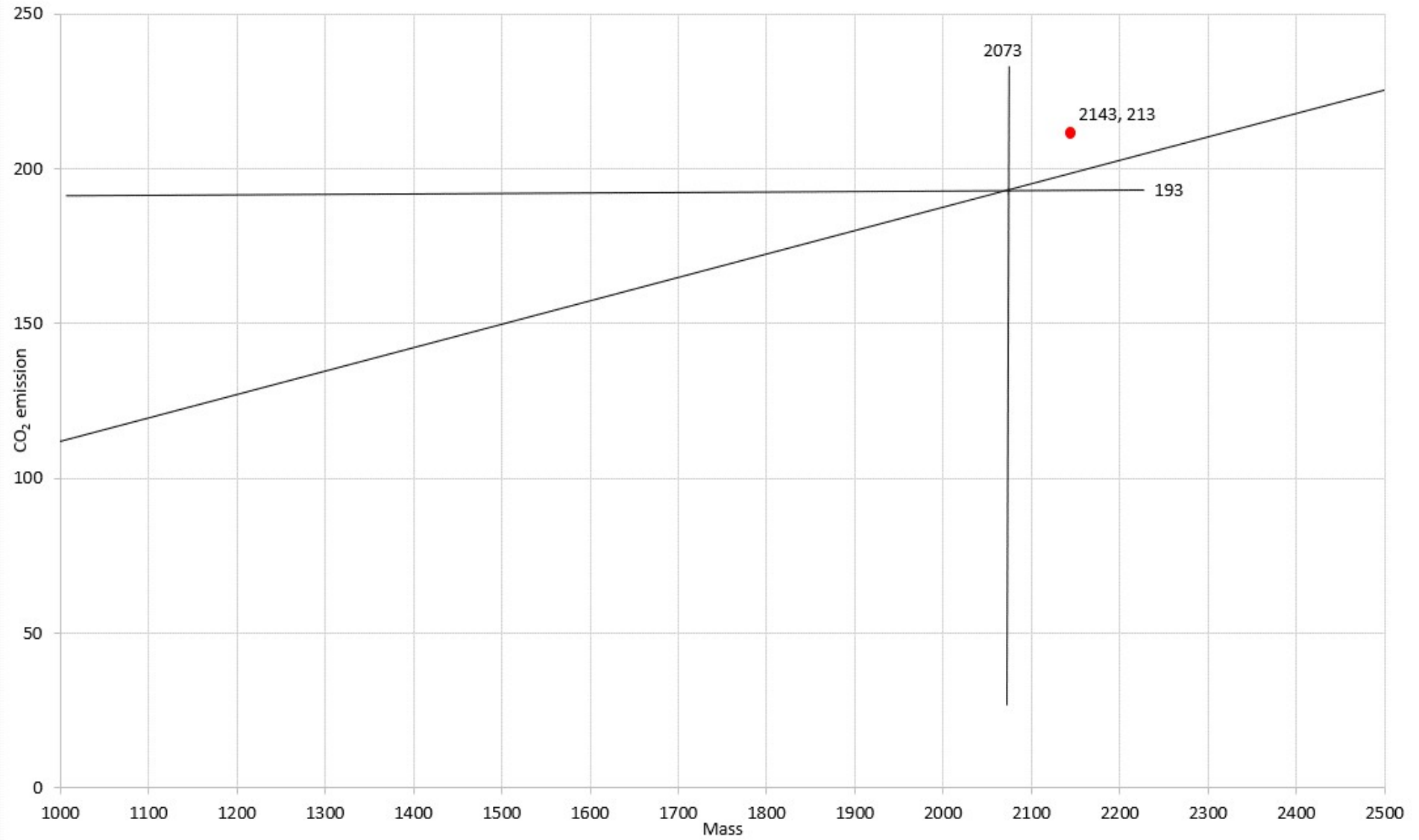
Table 1. CO₂ emission performance of FCAI brands in 2021

CATEGORY	Number of Sales	Average CO ₂ emissions	Specific emissions target	Difference between average CO ₂ emissions and specific emission target
MA	629,225	146.510	150	-3.490
MC+NA	373,144	212.534	193	19.534

2021 FCAI CO₂ Standard
MA CATEGORY



2021 FCAI CO2 Standard MC+NA CATEGORY



Manufacturers'

CO₂ emission performance

Table 2. CO₂ emission performance of FCAI brands in 2021 (MA Category)

MANUFACTURER	Number of Sales	Average CO ₂ emissions	Specific emissions target	Difference between average CO ₂ emissions and specific emission target	2021 Carry Forward Credit	CUMULATIVE Carry Forward Credit
Alfa Romeo	617	145.554	153.163	-7.609	4,695	20,971
Alpine	28	146.000	120.487	25.513		
Audi	15,810	157.710	163.355	-5.646	89,257	196,271
BMW	19,827	160.665	163.785	-3.121	61,874	169,132
Chrysler	168	300.478	194.817	105.662		
Citroen	180	142.128	134.075	8.053		
Ferrari	189	254.676	162.219	92.457		
Fiat	736	115.368	112.697	2.672		1,358
Ford	9,718	192.314	158.428	33.886		
Genesis	734	238.770	191.735	47.035		
GWM	9,676	185.493	150.752	34.742		
Honda	17,563	159.856	146.030	13.826		
Hyundai	69,815	163.696	145.677	18.018		
Isuzu Ute	2,789	209.370	193.538	15.831		
Jaguar	1,221	164.746	175.244	-10.498	12,818	53,034
Jeep	821	201.379	164.639	36.739		
Kia	67,964	159.682	148.027	11.655		
Lamborghini	131	328.931	177.965	150.966		
Land Rover	2,409	191.278	183.806	7.473		
LDV	1,597	254.944	200.536	54.408		
Lexus	8,990	135.306	175.271	-39.965	359,286	686,102
Maserati	560	240.132	192.710	47.422		
Mazda	82,711	155.713	151.803	3.910		
Mercedes-Benz Cars	27,807	165.205	177.484	-12.279	341,440	725,115
Mercedes-Benz Vans	588	158.378	224.029	-65.651	38,603	47,635
MG	39,534	143.662	136.392	7.270		
MINI	3,541	105.524	139.885	-34.361	121,673	180,532
Mitsubishi	37,670	160.094	147.280	12.814		
Nissan	22,524	166.354	151.124	15.230		
Peugeot	2,258	144.096	141.531	2.565		1,977
Porsche	3,599	136.107	179.619	-43.512	156,600	156,600
Renault	2,892	175.398	151.002	24.396		
Skoda	9,172	141.168	147.925	-6.757	61,977	149,106
SsangYong	353	177.008	150.131	26.878		
Subaru	14,679	162.575	148.656	13.919		
Suzuki	14,612	125.465	115.582	9.883		
Toyota	100,448	96.731	151.871	-55.140	5,538,670	11,724,704
Volkswagen	29,623	144.741	151.701	-6.959	206,153	279,416
Volvo Car	5,671	132.073	179.433	-47.360	268,579	407,745

Manufacturers'

CO₂ emission performance

Table 3. CO₂ emission performance of FCAI brands in 2021 (MC+NA Category)

MANUFACTURER	Number of Sales	Average CO ₂ emissions	Specific emissions target	Difference between average CO ₂ emissions and specific emission target	2021 Carry Forward Credit	CUMULATIVE Carry Forward Credit
Audi	192	173.682	205.799	-32.117	6,166	6,166
BMW	5,049	170.970	174.865	-3.896	19,669	55,974
Chevrolet	2,108	297.000	233.134	63.866		
Ford	60,234	211.617	209.358	2.259		101,609
GWM	8,697	243.756	193.987	49.769		
Hyundai	3,057	219.348	189.711	29.637		
Isuzu Ute	32,927	207.868	193.980	13.889		
Jeep	6,883	224.546	204.980	19.566		
Land Rover	4,044	207.342	212.856	-5.514	22,298	124,431
LDV	11,607	244.053	191.524	52.529		
Lexus	300	301.516	249.392	52.124		
Mazda	18,408	205.417	189.806	15.611		
Mercedes-Benz Cars	594	295.143	237.707	57.436		976
Mercedes-Benz Vans	1,017	174.678	194.857	-20.179	20,522	33,490
Mitsubishi	30,067	219.770	190.520	29.250		
Nissan	18,279	228.443	206.865	21.578		
Peugeot	516	150.456	159.365	-8.909	4,597	14,131
Porsche	833	185.960	202.242	-16.282	13,563	38,708
RAM	3,819	278.683	239.659	39.023		11,251
Renault	2,825	164.525	167.485	-2.960	8,361	17,982
SsangYong	2,628	226.615	206.646	19.969		
Subaru	22,252	156.066	165.422	-9.357	208,204	268,728
Suzuki	2,856	151.996	124.942	27.054		
Toyota	120,517	216.544	204.911	11.634		
Volkswagen	10,078	223.061	188.446	34.615		
Volvo Car	3,357	169.435	179.900	-10.465	35,131	35,131