

Monitoring CO₂ emissions from passenger cars and light commercial vehicles in 2020

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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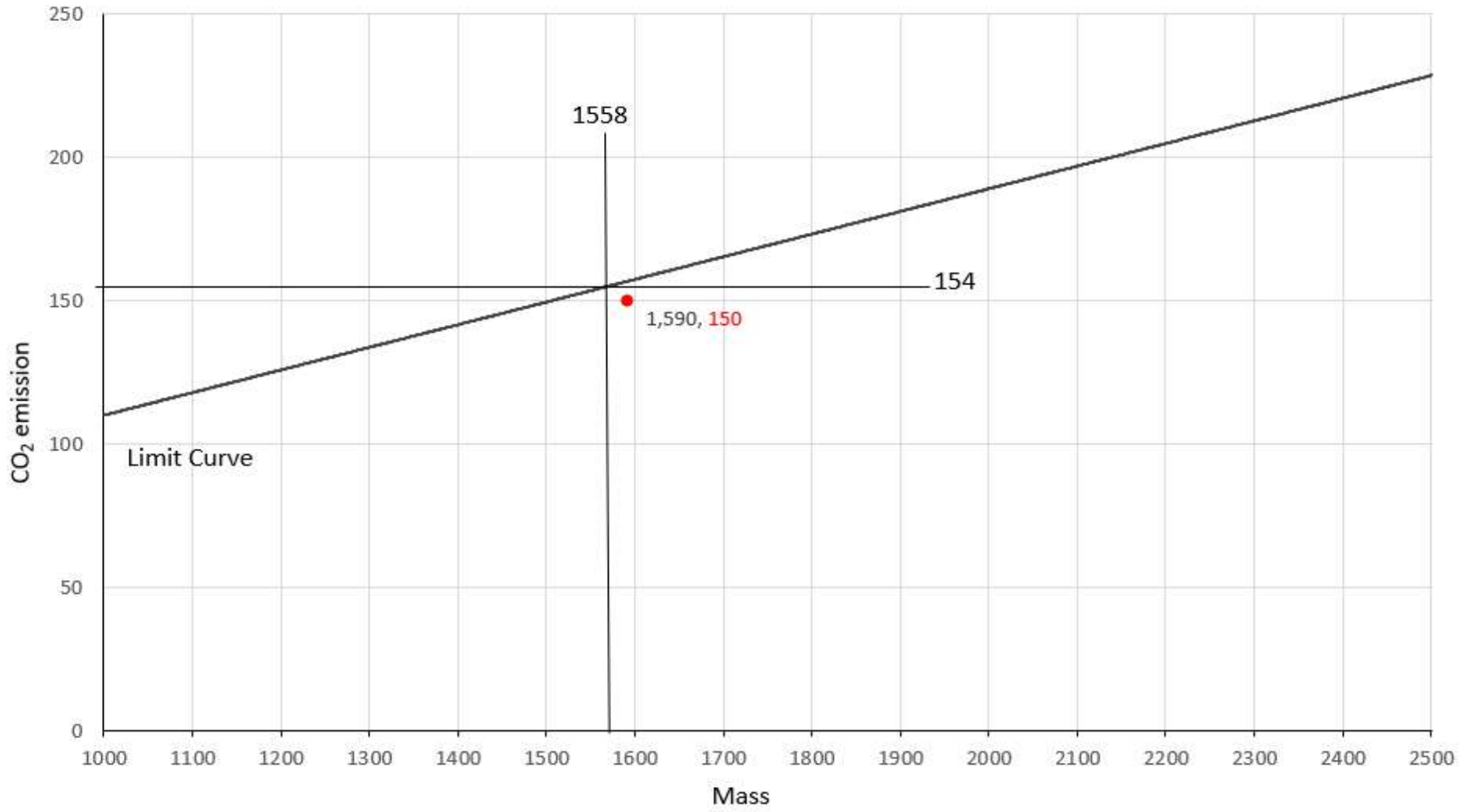
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FCAI (industry) CO₂ emission performance

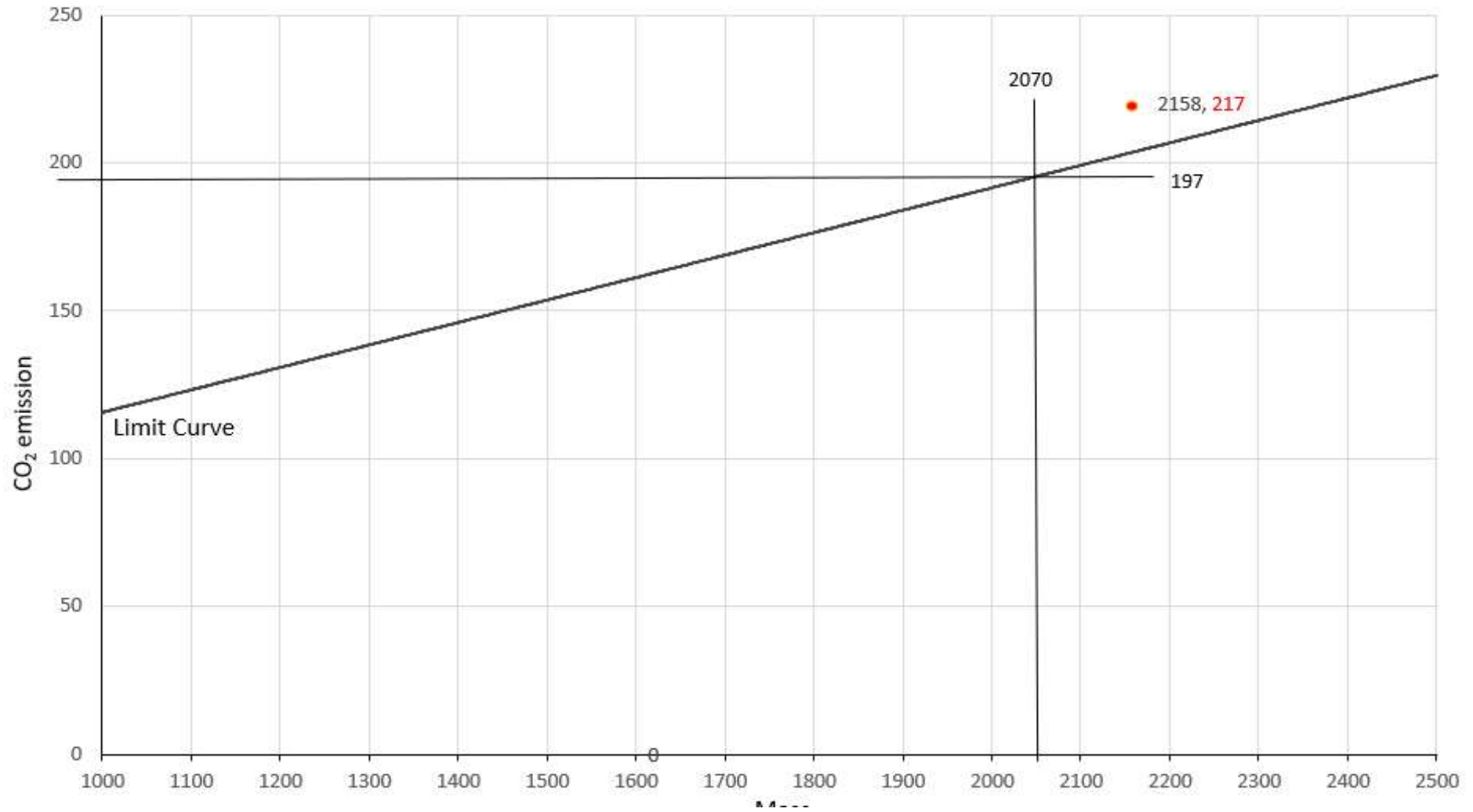
Table 1. CO₂ emission performance of FCAI brands in 2020

| CATEGORY | Number of Sales | Average CO ₂ emissions | Specific emissions target | Difference between average CO ₂ emissions and specific emission target |
|----------|-----------------|-----------------------------------|---------------------------|---|
| MA | 574,356 | 149.514 | 154 | -4.486 |
| MC+NA | 304,900 | 216.683 | 197 | 19.683 |

2020 FCAI CO₂ Standard MA CATEGORY



2020 FCAI CO₂ Standard MC+NA CATEGORY



Manufacturers' CO₂ emission performance

Table 2. CO₂ emission performance of FCAI brands in 2020 (MA Category)

| MANUFACTURER | Number of Sales | Average CO ₂ emissions | Specific emissions target | Difference between average CO ₂ emissions and specific emission target | Carry Forward Credit/Debit |
|---------------|-----------------|-----------------------------------|---------------------------|---|----------------------------|
| Alfa Romeo | 737 | 138.936 | 161.020 | -22.084 | 16,276 |
| Alpine | 7 | 137.000 | 123.980 | 13.020 | |
| Audi | 15,869 | 157.937 | 164.681 | -6.744 | 107,013 |
| BMW | 17,824 | 162.657 | 168.675 | -6.018 | 107,259 |
| Chrysler | 220 | 289.577 | 199.874 | 89.703 | |
| Citroen | 209 | 146.455 | 137.905 | 8.549 | |
| Ferrari | 205 | 276.949 | 158.351 | 118.598 | |
| Fiat | 665 | 117.543 | 119.584 | -2.042 | 1,358 |
| Ford | 9,523 | 201.956 | 170.033 | 31.924 | |
| Genesis | 229 | 236.332 | 182.975 | 53.357 | |
| GWM | 3,299 | 220.154 | 168.632 | 51.523 | |
| Holden | 7,710 | 173.437 | 158.602 | 14.835 | |
| Honda | 29,040 | 155.834 | 146.581 | 9.253 | |
| Hyundai | 60,888 | 168.346 | 148.986 | 19.361 | |
| Infiniti | 197 | 171.325 | 168.207 | 3.118 | |
| Isuzu Ute | 1,737 | 213.361 | 197.953 | 15.409 | |
| Jaguar | 1,327 | 150.169 | 180.475 | -30.306 | 40,216 |
| Jeep | 685 | 214.666 | 172.182 | 42.484 | |
| Kia | 56,076 | 169.674 | 155.284 | 14.390 | |
| Lamborghini | 111 | 331.324 | 179.169 | 152.155 | |
| LDV | 943 | 253.424 | 206.221 | 47.204 | |
| Lexus | 8,503 | 142.505 | 180.940 | -38.435 | 326,816 |
| Maserati | 467 | 248.931 | 202.070 | 46.862 | |
| Mazda | 73,374 | 156.470 | 154.210 | 2.260 | |
| Mercedes-Benz | 29,759 | 162.618 | 175.815 | -13.196 | 392,707 |
| MG | 15,253 | 161.519 | 138.043 | 23.476 | |
| MINI | 3,143 | 124.390 | 143.117 | -18.727 | 58,860 |
| Mitsubishi | 31,171 | 166.056 | 150.549 | 15.507 | |
| Nissan | 24,267 | 170.062 | 158.222 | 11.840 | |
| Peugeot | 1,670 | 144.941 | 146.125 | -1.184 | 1,977 |
| Porsche | 2,954 | 217.003 | 180.352 | 36.651 | |
| Renault | 3,274 | 166.722 | 156.847 | 9.874 | |
| Skoda | 6,620 | 141.164 | 154.325 | -13.161 | 87,129 |
| SsangYong | 606 | 190.894 | 179.921 | 10.973 | |
| Subaru | 14,406 | 165.024 | 153.744 | 11.281 | |
| Suzuki | 13,218 | 125.790 | 117.431 | 8.359 | |
| Toyota | 102,822 | 100.219 | 160.382 | -60.163 | 6,186,034 |
| Volkswagen | 29,355 | 152.881 | 155.376 | -2.496 | 73,263 |
| Volvo Car | 5,993 | 156.578 | 179.800 | -23.221 | 139,166 |

Manufacturers' CO₂ emission performance

Table 3. CO₂ emission performance of FCAI brands in 2020 (MC+NA Category)

| MANUFACTURER | Number of Sales | Average CO ₂ emissions | Specific emissions target | Difference between average CO ₂ emissions and specific emission target | Carry Forward Credit/Debit |
|-------------------|-----------------|-----------------------------------|---------------------------|---|----------------------------|
| BMW | 5,615 | 172.890 | 179.356 | -6.466 | 36,305 |
| Chevrolet | 42 | 287.000 | 238.203 | 48.797 | |
| Fiat Professional | 35 | 150.726 | 145.168 | 5.558 | |
| Ford | 48,925 | 209.748 | 211.825 | -2.077 | 101,609 |
| GWM | 1,943 | 222.634 | 179.424 | 43.210 | |
| Holden | 8,990 | 244.109 | 204.418 | 39.691 | |
| Hyundai | 3,919 | 228.902 | 193.937 | 34.965 | |
| Isuzu Ute | 20,399 | 206.307 | 195.665 | 10.642 | |
| Jeep | 5,106 | 230.346 | 212.928 | 17.418 | |
| Land Rover | 6,345 | 189.196 | 205.292 | -16.097 | 102,133 |
| LDV | 8,218 | 241.675 | 199.719 | 41.957 | |
| Lexus | 343 | 304.477 | 253.620 | 50.857 | |
| Mazda | 12,295 | 235.994 | 195.290 | 40.705 | |
| Mercedes-Benz | 3,859 | 206.184 | 209.797 | -3.613 | 13,944 |
| Mitsubishi | 26,413 | 220.919 | 196.378 | 24.541 | |
| Nissan | 14,524 | 214.043 | 205.993 | 8.050 | |
| Peugeot | 486 | 153.039 | 172.656 | -19.617 | 9,534 |
| Porsche | 1,289 | 184.205 | 203.713 | -19.508 | 25,145 |
| RAM | 3,299 | 235.914 | 239.325 | -3.410 | 11,251 |
| Renault | 2,159 | 169.618 | 174.074 | -4.456 | 9,621 |
| SsangYong | 1,145 | 228.721 | 211.370 | 17.351 | |
| Subaru | 17,177 | 164.155 | 167.678 | -3.524 | 60,524 |
| Suzuki | 2,368 | 151.995 | 129.170 | 22.825 | |
| Toyota | 99,625 | 230.371 | 211.181 | 19.190 | |
| Volkswagen | 8,674 | 214.056 | 191.706 | 22.350 | -193,861 |