
CO₂ Standard: Rules for Reporting Brand Targets and Brand Achievement



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19th June 2020

REFERENCE DOCUMENTS

CO₂ Standard: Rules for Calculating Brand Targets and Assessing Brand Compliance,

EEA Report No 02/2020

viewed at <https://www.eea.europa.eu/publications/co2-emissions-from-cars-and-vans-2018>

EEA Report No 15/2018

viewed at <https://www.eea.europa.eu/publications/monitoring-co2-emissions-from-new-2>

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1.0 OVERVIEW

This document provides the methodology for reporting the Brand Targets and Brand achievement calculated using FCAI's *Rules for Calculating Brand Targets and Assessing Brand Compliance* against the FCAI *CO₂ Standard*.

The CO₂ brand targets and brand achievement is calculated on a sales-weighted average mass per unit basis against sales units recorded in VFACTS.

NOTE: As secretariat, FCAI will assist brands to understand their specific brand targets.

FCAI will calculate each brands' individual targets (i.e. one for MA Category vehicles and another for NA+MC Category vehicles) for each calendar year as outlined in Figure 1.1 (following) and determine their achievement against those targets. FCAI will also calculate the industry's overall achievement in terms of CO₂ emission. These achievements will be reported in accordance with the format show in Section 6.

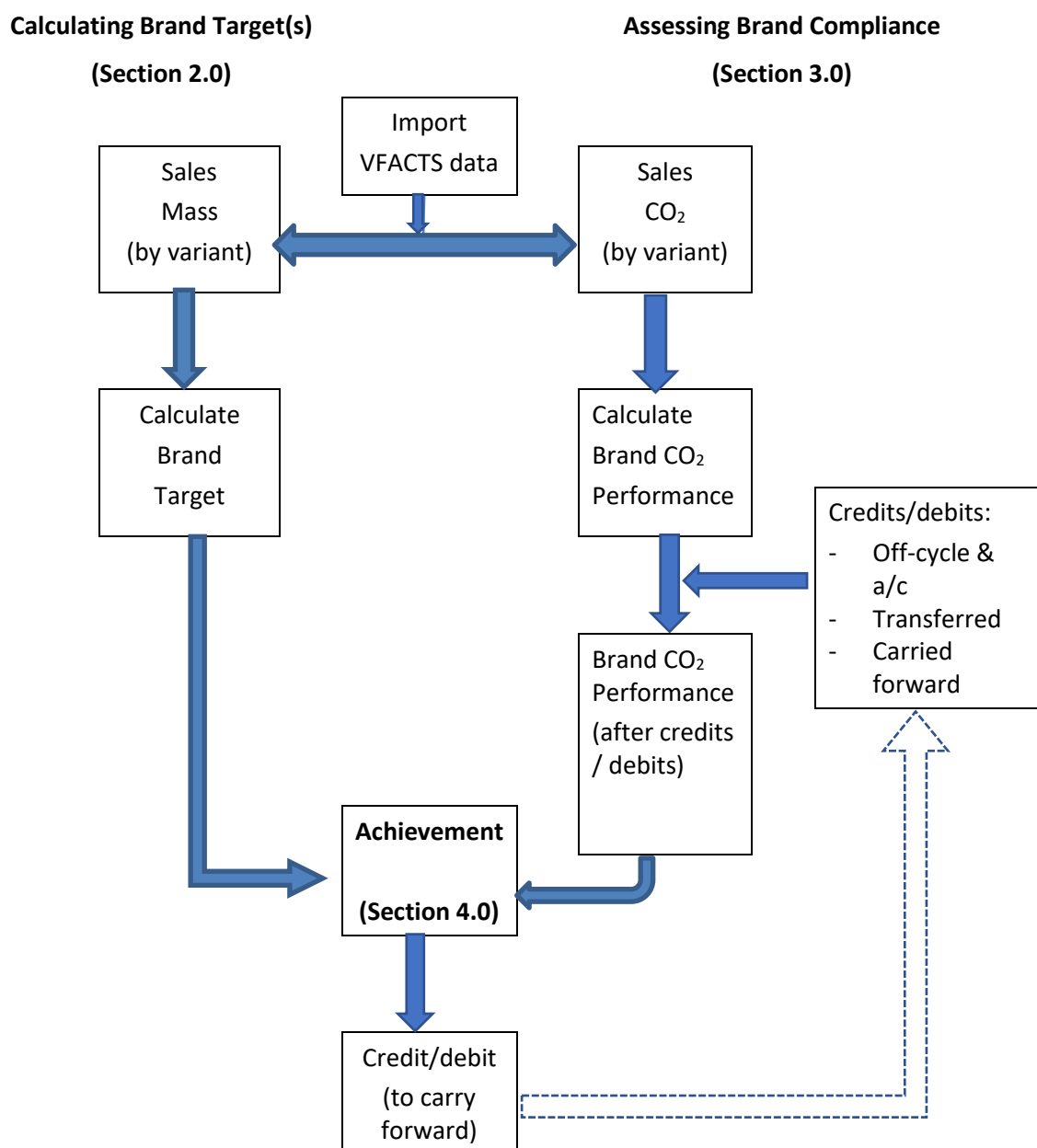


Figure 1.1 Overview

2.0 CALCULATING BRAND TARGET

- Refer FCAI's *CO₂ Standard Rules for Calculating Brand Targets and Assessing Brand Compliance* section 2

3.0 ASSESSING BRAND ACHIEVEMENT

- Refer FCAI's *CO₂ Standard Rules for Calculating Brand Targets and Assessing Brand Compliance* section 3

4.0 ACHIEVEMENT RESULT

- Refer FCAI's *CO₂ Standard Rules for Calculating Brand Targets and Assessing Brand Compliance* section 4

Following the publication of the full year VFACTS result in January of the following year, FCAI will advise brands their brand target and raw achievement result.

By end of January, brands will advise FCAI of any off-cycle credits, air conditioner credits and credit transfers for incorporation into the brands' final achievement. FCAI will incorporate this data and calculate final achievement result.

5.0 REPORTING

FCAI (industry) Result

Following the release of the full year VFACTS data, FCAI will report a consolidated, industry CO₂ emissions achievement for each separate reporting category (MA and MC+NA), calculated on a sales-weighted average mass per unit basis. This will be reported numerically in g CO₂ /km.

From the commencement of the CO₂ standard reporting, FCAI will **NOT** report a NACE value as has previously been reported by both FCAI and NTC.

This report will be made in the public domain.

CATEGORY	Number of Sales	Average CO ₂ emissions	Specific emissions target	Difference between average CO ₂ emissions and specific emission target
MA				
MC+NA				

Brand result

For each brand, FCAI will report brand achievement for each reporting category in tabular form. Reporting will be in line with reporting of Manufacturers' CO2 emissions performance by the European Environment Agency but will include accounting of Carry Forward Credits/Debits as allowed in the FCAI CO2 standard..

1. CO2 emission performance of **MA** category manufacturers in 202x

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
Brand A					
Brand B					
Brand C					

2. CO2 emission performance of **MC+NA** category manufacturers in 202x

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
Brand A					
Brand B					
Brand C					

- ① Manufacturer will be listed alphabetically
- ② Sales Volume is numeric, sourced directly from VFACTS sales report
- ③ Brand's CO₂ achievement
- ④ Brand's specific CO₂ target
- ⑤ Difference between ③ and ④.
- ⊕ Accumulated carry forward Credit or Debit retained by the Manufacturer

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	580,963	149.668	154	-4.332
MC+NA	298,293	217.854	197	20.854

Source: FCAI VFACTS 202x

NOTE: For comparative and demonstration purposes only

CO₂ emission performance of **MA** category manufacturers in 202x

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
Brand A	737	138.936	161.020	-22.084	16,276
Brand B	7	137.000	123.980	13.020	
Brand C	15,869	157.937	164.681	-6.744	107,013
Brand D	17,824	162.657	168.675	-6.018	107,259
Brand E	220	289.577	199.874	89.703	
Brand F	209	146.455	137.905	8.549	
Brand G	205	276.949	158.351	118.598	
Brand H	665	117.543	119.584	-2.042	1,358
Brand I	9,523	201.956	170.033	31.924	
Brand J	229	236.332	182.975	53.357	
Brand K	3,299	220.154	168.632	51.523	
Brand L	7,710	173.437	158.602	14.835	
Brand M	29,040	155.834	146.581	9.253	
Brand N	60,888	168.346	148.986	19.361	
Brand O	197	171.325	168.207	3.118	
Brand P	1,737	213.361	197.953	15.409	
Brand P	1,327	150.169	180.475	-30.306	40,216
Brand Q	685	214.666	172.182	42.484	
Brand R	56,076	169.674	155.284	14.390	
Brand S	111	331.324	179.169	152.155	
Brand T	943	253.424	206.221	47.204	
Brand U	8,503	142.505	180.940	-38.435	326,816
Brand V	467	248.931	202.070	46.862	
Brand V	73,374	156.470	154.210	2.260	
Brand W	29,759	162.618	175.815	-13.196	392,707
Brand X	15,253	161.519	138.043	23.476	
Brand Y	3,143	124.390	143.117	-18.727	58,860
Brand Z	31,171	166.056	150.549	15.507	
Brand AA	24,267	170.062	158.222	11.840	
Brand AB	1,670	144.941	146.125	-1.184	1,977
Brand AC	2,954	217.003	180.352	36.651	
Brand AD	3,274	166.722	156.847	9.874	
Brand AE	6,620	141.164	154.325	-13.161	87,129
Brand AF	606	190.894	179.921	10.973	
Brand AG	18,645	166.257	156.736	9.520	
Brand AH	15,586	129.771	118.420	11.351	
Brand AI	102,822	100.219	160.382	-60.163	6,186,034
Brand AJ	29,355	152.881	155.376	-2.496	73,263
Brand AK	5,993	156.578	179.800	-23.221	139,166

NOTE: For comparative and demonstration purposes only

CO₂ emission performance of **MC+NA** category manufacturers in 202x

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
Brand A	5,615	172.890	179.356	-6.466	36,305
Brand B	42	287.000	238.203	48.797	
Brand C	35	150.726	145.168	5.558	
Brand D	48,925	209.748	211.825	-2.077	101,609
Brand E	1,943	222.634	179.424	43.210	
Brand F	8,990	244.109	204.418	39.691	
Brand G	3,919	228.902	193.937	34.965	
Brand H	20,399	206.307	195.665	10.642	
Brand I	5,106	230.346	212.928	17.418	
Brand J	6,345	189.196	205.292	-16.097	102,133
Brand K	8,218	241.675	199.719	41.957	
Brand L	343	304.477	253.620	50.857	
Brand M	12,295	235.994	195.290	40.705	
Brand N	3,859	206.184	209.797	-3.613	13,944
Brand O	26,413	220.919	196.378	24.541	
Brand P	14,524	214.043	205.993	8.050	
Brand Q	486	153.039	172.656	-19.617	9,534
Brand R	1,289	184.205	203.713	-19.508	25,145
Brand S	3,299	235.914	239.325	-3.410	11,251
Brand T	2,159	169.618	174.074	-4.456	9,621
Brand U	1,145	228.721	211.370	17.351	
Brand V	12,938	162.090	166.752	-4.662	60,323
Brand W	99,625	230.371	211.181	19.190	
Brand X	8,674	214.056	191.706	22.350	
Brand Y	1,707	166.479	187.245	-20.766	35,448

NOTE: For comparative and demonstration purposes only

ANNEX A: SAMPLE EUROPEAN ENVIRONMENT AGENCY REPORT (2018)

Annex 4

Annex 4 Manufacturers' CO₂ emission performance

Table A4.1 CO₂ emission performance of car manufacturers in 2018

MANUFACTURER	Pools and derogations	Number of registrations	Average CO ₂ emissions	Specific emission target	Difference between average CO ₂ emissions and specific emission target
ADIDOR VOITURES SAS	DMD	100	155.900		
ALFA ROMEO SPA	P3	78 696	127.881	135.823	-7.942
ALPINA BURKARD BOVENSIEPEN GMBH E CO KG	D	663	200.919	218.000	-17.081
SOCIETE DES AUTOMOBILES ALPINE	P10	1 533	139.738	119.534	20.204
ANHUI JIANGHUAI AUTOMOBILE	DMD	1	242.000		
ASTON MARTIN LAGONDA LTD	D	2 096	262.180	297.000	-34.820
AUDI AG	P14	675 059	127.279	137.806	-10.527
AUDI HUNGARIA MOTOR KFT	P14	4 519	146.996	130.385	16.611
AUDI SPORT GMBH	P14	13 361	195.848	143.972	51.876
AUTOMOBILES CITROEN	P9	626 462	108.035	121.186	-13.151
AUTOMOBILES PEUGEOT	P9	982 942	106.936	124.186	-17.250
AVTOVAZ JSC	P10	3 874	181.385	124.322	57.063
BEE BEE AUTOMOTIVE	DMD	3	0.000		
BENTLEY MOTORS LTD	D	2 859	271.047	286.000	-14.953
BLUECAR SAS	DMD	415	0.000		
BAYERISCHE MOTOREN WERKE AG	P1	963 438	125.035	138.886	-13.851
BMW M GMBH	P1	14 599	189.521	145.561	43.960
BEIJING BORGWARD AUTOMOTIVE CO LTD	DMD	42	218.452		
BUGATTI AUTOMOBILES SAS	P14	19	516.000	160.966	355.034
CATERHAM CARS LIMITED	DMD	120	138.367		
CHEVROLET ITALIA SPA		2	96.500	126.874	-30.374
FCA US LLC	P3	162 851	142.728	139.162	3.566
CNG-TECHNIK GMBH	P4	615	118.081	139.878	-21.797
AUTOMOBILE DACIA SA	P10	381 173	118.433	119.753	-1.320
DAIHATSU MOTOR CO LTD	DMD	5	176.000		
DAIMLER AG	P2	929 187	133.376	139.540	-6.164
FABBRICA DALLARA SRL	DMD	3	220.667		
DFSK MOTOR CO LTD	DMD	18	211.556		
DONKERVOORT AUTOMOBIELEN BV	DMD	6	178.000		
DR AUTOMOBILES SRL	DMD	995	156.198		
DR MOTOR COMPANY SRL	DMD	446	151.471		
FERRARI SPA	D	2 899	281.353	289.000	-7.647