

## Overview of fuel efficiency and CO<sub>2</sub> emission standards of passenger cars and light-commercial vehicles around the world

Table 2. Fleet specifications of passenger cars

Region	China <sup>a</sup>	EU-27	U.S.	Japan <sup>b</sup>	India	UK	South Korea <sup>c</sup>	Brazil <sup>d</sup>	Canada	Mexico <sup>e</sup>	Chile <sup>f</sup>	New Zealand
Year	2021	2021	2021	2021	2021	2020	2021	2020	2018	2021	2020	2021
Sales (million)	20	9.7	5.1	3.7	3	1.6	1.5	1.1	0.7	0.5	0.3	0.1
Engine displacement (L)	1.6	1.5	2.2	1.4*	1.3	1.6	2	1.2	–	–	–	1.9
Engine power (kW)	117	102	160	78*	72	118	120*	123	–	–	–	–
Curb weight (kg)	1478	1481	1647	≈1200*	1092	1497	≈1500*	1067	–	–	1368*	1551
Footprint (m <sup>2</sup> )	4.2	4.1	4.4	3.7*	–	4.1	4.2*	3.8	4.2	3.9	4.6*	–
Fuel consumption – WLTP (L/100km WLTP)	6.2	5	6.5	5.5	5.8	5.1	6.5	6	5.5	6.8	7.2*	7.4
CO <sub>2</sub> emission – WLTP (g/km)	146	115	129	128	136	120	153	139	129	159	168*	173
<b>2022 fleet powertrain split</b>												
Gasoline	66.7%*	36.4%	78.6%	70.3%	68.0%	49.7%	76.4%	2.5%*	77.6%	97.6%*	97.7%	57.9%
Diesel	0.1%*	16.4%	0.0%		19.80%	7.7%		0.0%*	0.0%	0.0%*		6.4%
Full hybrid (excl. plug-in hybrid)	4.5%	22.6%	7.2%	27.0%	0.6%	20.1%	14.0%	1.9%	5.8%	1.7%	1.6%	23.0%
Plug-in hybrid	7.3%	9.4%	0.8%			1.1%	6.1%	0.9%	0.2%	1.5%	0.1%	0.2%
Battery electric	21.3%	12.1%	13.3%	1.6%	1.4%	16.2%	8.7%	0.5%	15.1%	0.6%	0.5%	8.6%
Others	0.2%*	3.0%	0.1%	0.0%	10.3%	0.2%	0.0%	94.9%*	0.0%	0.0%*	0.0%	0.0%

### Note

- Gasoline, diesel and others percentage are estimated based on 2021 data
- Engine displacement, curb weight and footprint (2011); engine power (2014)
- Engine power, footprint, and curb weight (2014)
- Gasoline, diesel and others percentage are estimated based on 2021 data; 94.9% of passenger vehicles in Brazil run on flex-fuels
- Footprint (2016); gasoline, diesel and others percentage are estimated based on 2021 data
- Curb weight, footprint, fuel consumption and CO<sub>2</sub> emission data are for the light-duty vehicle fleet