

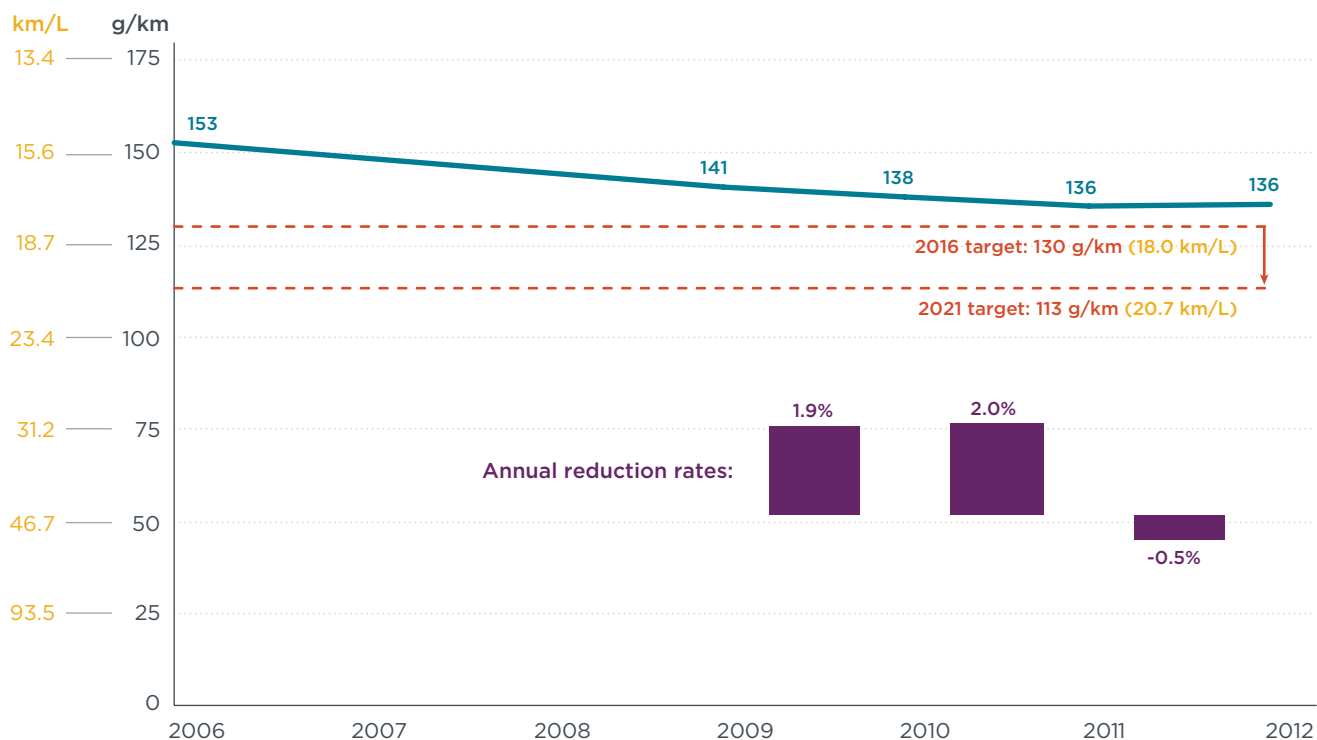
LIGHT-DUTY VEHICLE EFFICIENCY STANDARDS

DECEMBER 2014

PASSENGER CAR

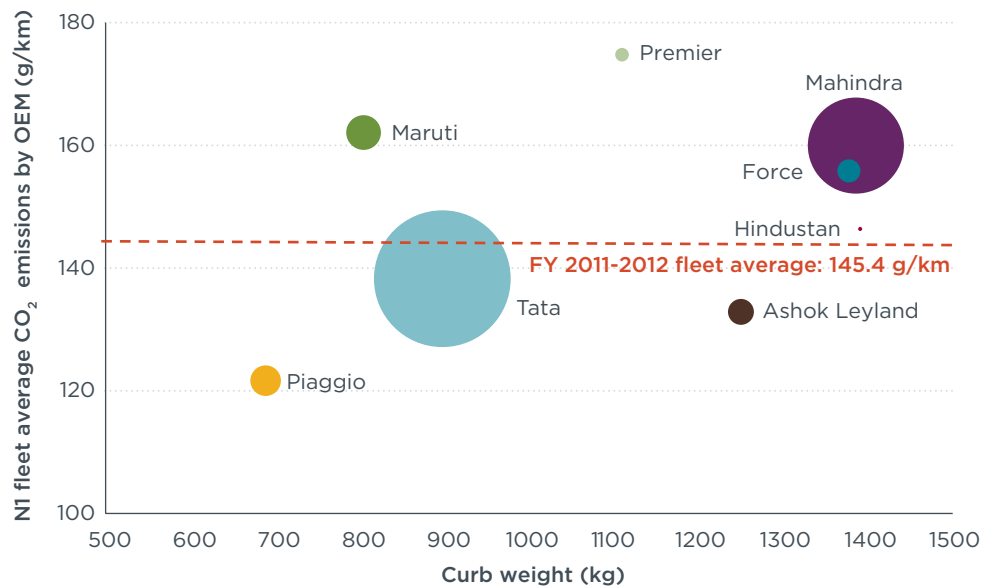
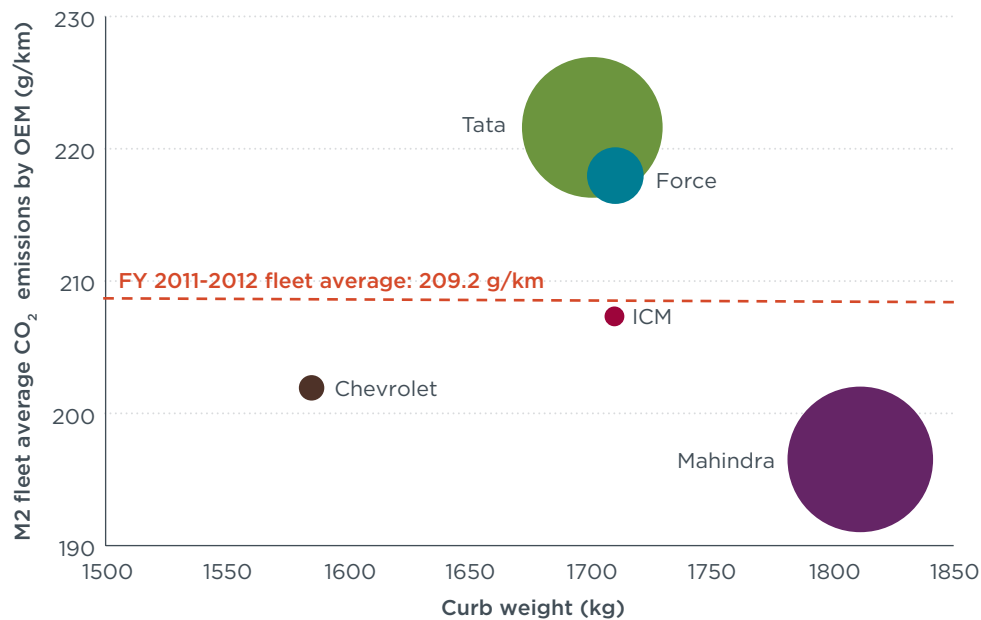
New sales	2.5 million (Fiscal Year 2013-2014)
Metric	CO ₂ emission/Fuel Consumption (l/100km)
Regulatory agency	Bureau of Energy Efficiency (BEE) and Ministry of Power
Regulated vehicles	Vehicle weight under 3,500 kg with no more than 9 seats
Regulation	Gazette of India REGD. NO. D. L.-33004/99 http://www.egazette.nic.in/WriteReadData/2014/158019.pdf
Timeframe	2016 and 2021
Fleet target	130 g/km (FY 2016-17) and 113 g/km (FY 2021-22)
Actual new vehicle fleet average	136.6 g/km (FY 2012-13)
Compliance parameter	Weight-based corporate average
Test cycle	NEDC for low powered vehicles https://www.araiindia.com/CMVR_TAP_Documents/Index.htm
Emission standards	Bharat IV (similar to Euro 4) in 30 cities, including national capital regions (approximately 1/3 of sales) Bharat III for the rest of the country http://morth.nic.in/showfile.asp?lid=1429
Key sources	Ministry of Road Transport and Highways (MORTH) http://morth.nic.in/ National Electric Mobility Mission Plan 2020, http://dhi.nic.in/NEMMP2020.pdf Transportpolicy http://www.transportpolicy.net/index.php?title=India:_Light-duty:_Fuel_Consumption
Notes	The implementing agency of the standards is MORTH

PASSENGER CAR FUEL CONSUMPTION HISTORICAL TREND AND FUTURE TARGET



LIGHT COMMERCIAL VEHICLES

New sales	438,000 (N1), 11,000 (M2) (FY 2012-2013)
Vehicle definitions	Cargo vehicles with maximum designed gross weigh under 3500 kg (N1) and passenger vehicles with more than 9 seats weighing under 5000 kg (M2)
Actual new vehicle fleet average	145.4 g/km (N1), 209.2 g/km (M2) (FY 2011-2012)
Note	Currently no CO ₂ emission standard for light commercial vehicles

CO₂ EMISSION VS. CURB WEIGHT FOR **N1 SEGMENT**CO₂ EMISSION VS. CURB WEIGHT FOR **M2 SEGMENT**

For full details, and a comprehensive comparison of light-duty vehicle standards worldwide, visit www.theicct.org/info-tools/global-passenger-vehicle-standards.

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