

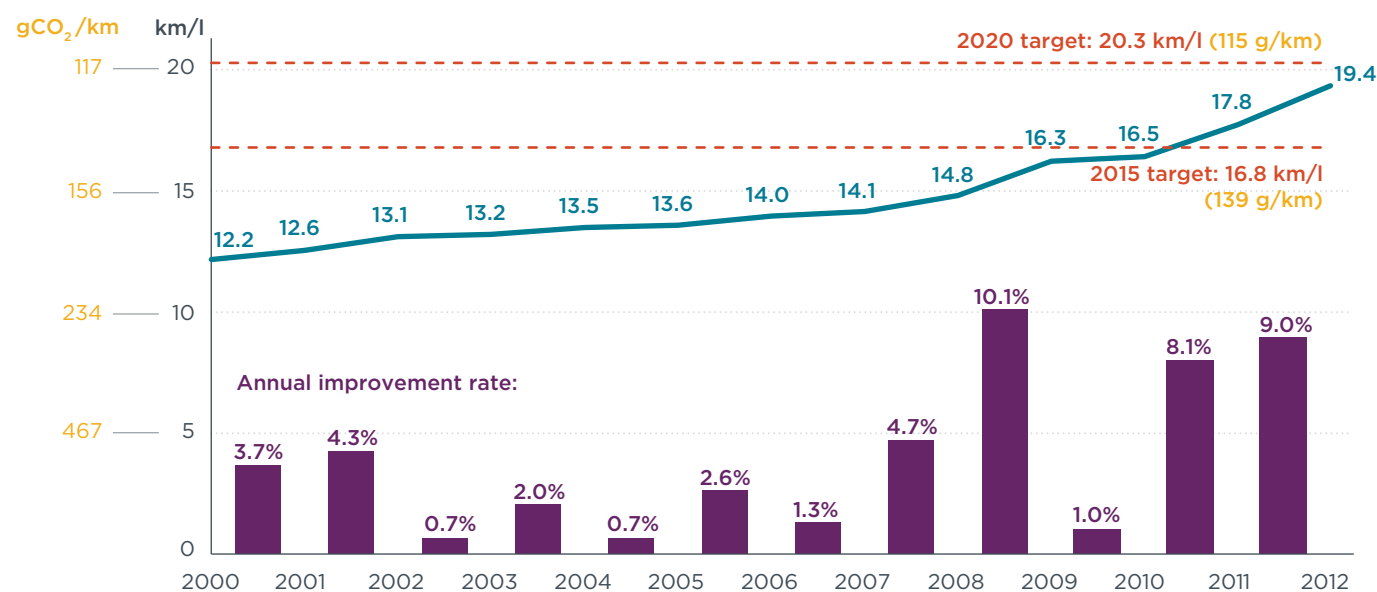
LIGHT-DUTY VEHICLE EFFICIENCY STANDARDS

JANUARY 2015

PASSENGER CAR

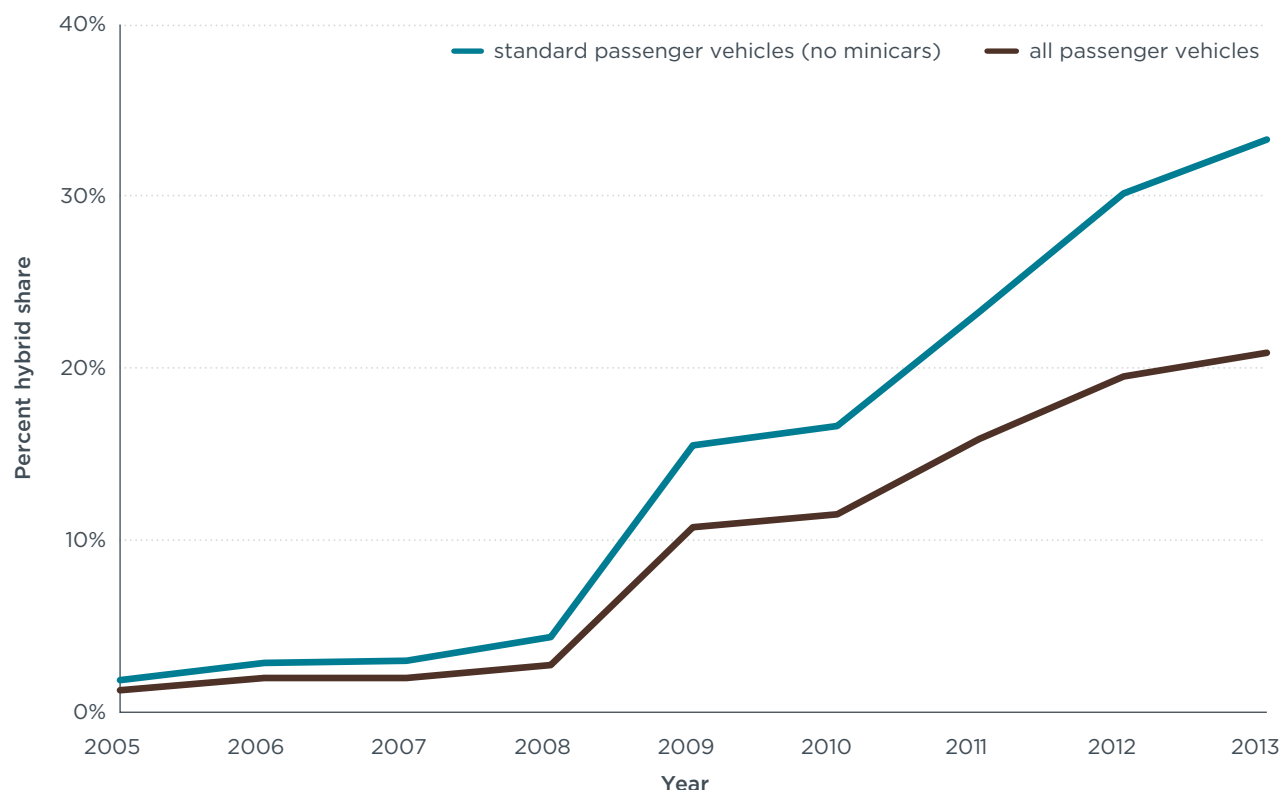
New sales	4.56 million (2013, including minicars), BEVs and PHEVs account for 0.64%
Metric	Fuel economy (km/L)
Regulatory agency	Ministry of Economy, Trade and Industry http://www.meti.go.jp/english/
Regulated vehicles	Vehicle weight under 3,500 kg with capacity of 10 passengers or less
Regulation	Fuel efficiency standards http://www.eccj.or.jp/top_runner/pdf/tr_passenger&freight_vehicles_gasoline&diesel_mar2007.pdf (2015) http://www.eccj.or.jp/top_runner/pdf/tr_passenger_vehicles_dec2011.pdf (2020)
Timeframe	2015 and 2020
Fleet target	16.8 km/L (2015); 20.3 km/L (2020)
Actual new vehicle fleet average	19.4 km/L (2012)
Compliance parameter	Weight-class based corporate average
Test cycle	JCO8 http://www.eccj.or.jp/top_runner/pdf/tr_passenger&freight_vehicles_gasoline&diesel_mar2007.pdf
Emission standards	New Post Long-Term Standards http://www.env.go.jp/air/car/gas_kisei/kisei.pdf
Key sources	Ministry of Land, Infrastructure, Transport and Tourism http://www.mlit.go.jp/jidosha/jidosha_mn10_000002.html
Notes	The 2015 targets require manufacture to meet the targets within each weight-class bin whereas the 2020 targets is for entire fleet average. Japan replaced 10-15 test cycle with JCO8 test cycle from 2011. Cycle conversion between JCO8 and 10-15 test cycle http://www.mlit.go.jp/jidosha/sesaku/environment/ondan/hourei/O4kamtukijun.pdf

PASSENGER CAR FUEL ECONOMY HISTORICAL TREND AND FUTURE TARGETS (FISCAL YEAR*)



*Note: Fiscal year 2000 = April 1999 to March 2000.

PENETRATION OF HYBRID PASSENGER VEHICLES IN JAPAN



LIGHT COMMERCIAL VEHICLE

New sales	800,000 (2013)
Metric	Fuel economy (km/L)
Regulatory agency	Ministry of Economy, Trade and Industry http://www.meti.go.jp/english/
Regulated vehicles	Freight vehicles with a gross vehicle weight of 3,500 kg or less
Regulation	Fuel efficiency standards http://www.eccj.or.jp/top_runner/pdf/tr_passenger&freight_vehicles_gasoline&diesel_mar2007.pdf (2015)
Timeframe	2015
Fleet target	15.2 km/L
Actual new vehicle fleet average	13.5 L/100km (2004)
Compliance parameter	Weight-class based corporate average
Test cycle	JC08 http://www.eccj.or.jp/top_runner/pdf/tr_passenger&freight_vehicles_gasoline&diesel_mar2007.pdf
Emission standards	New Post Long-Term Standards http://www.env.go.jp/air/car/gas_kisei/kisei.pdf
Key sources	Ministry of Land, Infrastructure, Transport and Tourism http://www.mlit.go.jp/
Notes	Japan replaced 10-15 test cycle with JC08 test cycle from 2011. Cycle conversion between JC08 and 10-15 test cycle http://www.mlit.go.jp/jidosha/sesaku/environment/ondan/hourei/O4kamotukijun.pdf

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

CONTACT: Zifei Yang, zifei.yang@theicct.org