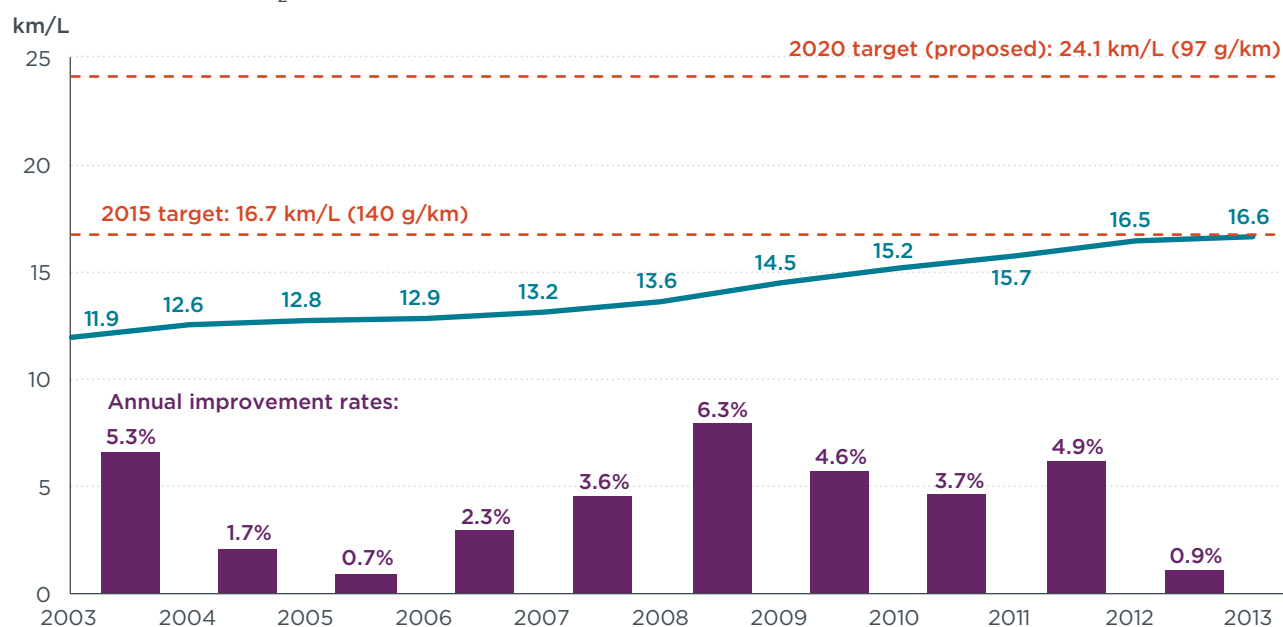


LIGHT-DUTY VEHICLE EFFICIENCY STANDARDS

JANUARY 2015

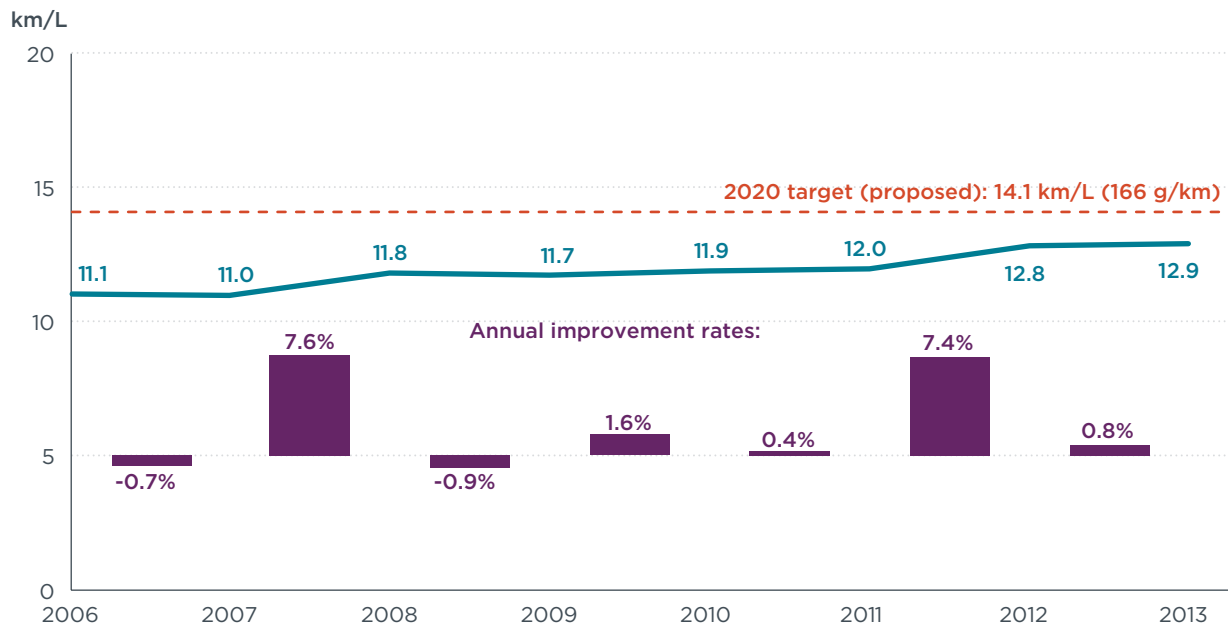
PASSENGER CAR

New sales	1,236,003 (2013), BEVs and PHEVs account for 0.07%
Metric	Fuel economy (km/L) and CO ₂ emission (g/km)
Regulatory agency	Ministry of the Environment (GHG) http://eng.me.go.kr/eng/web/main.do Ministry of Trade, Industry, and Energy (MOTIE) (fuel economy) http://www.motie.go.kr/language/eng/index.jsp
Regulated vehicles	Vehicle weight under 3,500 kg with 10 seats or less
Regulation	Overview of the Republic of Korea's National Strategy for Green Growth (2015) http://www.unep.org/PDF/PressReleases/201004_unep_national_strategy.pdf Administrative notice of the amendment to passenger car average energy efficiency and greenhouse gas emission standards (draft) (2020) http://www.me.go.kr/home/web/index.do?menuid=68
Timeframe	2015; 2020 (proposed)
Fleet target	16.7 km/L (2015); 24.1 km/L (2020 proposed)
Actual new vehicle fleet average	16.6 km/L (2013)
Compliance parameter	Weight-based corporate average
Test cycle	U.S Combined
Emission standards	Gasoline — California's NMOG (Non Methane Organic Gases) FAS (Fleet Average System) Diesel — Euro 6
Key sources	Korea Energy Management Corporation (KEMCO) http://www.kemco.or.kr/new_eng/main/main.asp implements the fuel economy regulation for the MOTIE.
Notes	MOTIE regulates fuel economy while the Ministry of Environment regulates GHG. Manufacturers can choose the standard they want to comply with.

PASSENGER CAR CO₂ EMISSIONS HISTORICAL TREND AND FUTURE TARGETS

LIGHT-COMMERCIAL VEHICLE

New sales	228,662 (2013)
Metric	Fuel economy (km/L) and CO ₂ emission (g/km)
Regulatory agency	Ministry of the Environment (GHG) http://eng.me.go.kr/eng/web/main.do Ministry of Trade, Industry, and Energy (MOTIE) (fuel economy) http://www.motie.go.kr/language/eng/index.jsp
Regulated vehicles	Passenger vans and lorries with 15 seats or less
Regulation	Administrative notice of the amendment to passenger car average energy efficiency and greenhouse gas emission standards (draft) (2020) http://www.me.go.kr/home/web/index.do?menuId=68
Timeframe	2020 (proposed)
Fleet target	14.1 km/L (proposed)
Actual new vehicle fleet average	12.9 km/L (2013)
Compliance parameter	Weight-based corporate average
Test cycle	U.S Combined
Emission standards	Gasoline — California's NMOG (Non Methane Organic Gases) FAS (Fleet Average System) Diesel — Euro 6
Key sources	Korea Energy Management Corporation (KEMCO) http://www.kemco.or.kr/new_eng/main/main.asp implements the fuel economy regulation for the MOTIE.
Notes	MOTIE regulates fuel economy while the Ministry of Environment regulates GHG. Manufacturers can choose the standard they want to comply with.

LIGHT-TRUCK CO₂ EMISSIONS HISTORICAL TREND AND FUTURE TARGET

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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