LIGHT-DUTY VEHICLE EFFICIENCY STANDARDS

PASSENGER CAR

New sales: 15.1 million (2018), BEVs and PHEVs account for 2.0% (2018)

Metric: CO₂ emissions (g/km); targets for 2025/30 expressed in percentage reduction relative to 2021 baseline

Regulatory agency: European Parliament and the Council of the European Union

Regulated vehicles: Passenger vehicles with vehicle weight under 3,500 kg and with no more than 9 seats (M1)


Timeframe: 2021; 2025; 2030

Fleet target:
- 2020: 95 g/km for 95% of fleet;
- 2021: WLTP equivalent of 95 g/km for 100% of fleet
- 2025: 2021 target -15% [= 81 g/km, NEDC];
- 2030: 2021 target -37.5% [= 59 g/km, NEDC]

Average new vehicle fleet average: 120 g/km (2018, NEDC)

Structure: Mass-based corporate average

Test cycle: NEDC (2020); WLTP (beginning in 2021)


Key sources:
- EU pocketbook [http://eupocketbook.org]

Notes:
- Voluntary sales targets for zero- and low-emission vehicles (ZLEV): 15% (2025); 35% (2030)
- On-board fuel and/or energy consumption monitoring devices (OBFCMs) mandatory beginning in 2020; Monitoring of OBFCM data beginning in 2021

PASSENGER CAR CO₂ EMISSIONS: HISTORICAL TRENDS AND FUTURE TARGETS
LIGHT COMMERCIAL VEHICLES

New sales
2.1 million (2018), BEVs and PHEVs account for 1.0% (2018)

Metric
CO₂ emissions (g/km); targets for 2025/30 expressed in percentage reduction relative to 2021 baseline

Regulatory agency
European Parliament and the Council of the European Union

Regulated vehicles
Vehicles for the transport of goods with vehicle weight under 3,500 kg (N1)

Regulation

Timeframe
2020; 2025; 2030

Fleet target
2020: 147 g/km in NEDC;
2021: WLTP equivalent of 147 g/km
2025: 2021 target -15% (~ 125 g/km, NEDC);
2030: 2021 target -31% (~ 101 g/km, NEDC)

Average new vehicle fleet average
158 g/km (2018, NEDC)

Structure
Mass-based corporate average

Test cycle
NEDC (2020); WLTP (2021 onwards)

Emission standards

Key sources
EU pocketbook http://eupocketbook.org

Notes
Voluntary sales targets for zero- and low-emission vehicles (ZLEVs): 15% (2025); 30% (2030)
On-board fuel and/or energy consumption monitoring devices (OBFCMs) mandatory beginning in 2020

LIGHT COMMERCIAL VEHICLES CO₂ EMISSIONS: HISTORICAL TRENDS AND FUTURE TARGETS

Historical emissions
2017: 175 g/km
2020: 147 g/km
2025: -125 g/km
2030: -101 g/km

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