**PASSENGER CAR**

*New sales* 1,236,003 (2013), BEVs and PHEVs account for 0.07%

*Metric* Fuel economy (km/L) and CO₂ emission (g/km)

*Regulatory agency*
- Ministry of the Environment (GHG) [http://eng.me.go.kr/eng/web/main.do](http://eng.me.go.kr/eng/web/main.do)

*Regulated vehicles* Vehicle weight under 3,500 kg with 10 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](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


*Notes* MOTIE regulates fuel economy while the Ministry of Environment regulates GHG. Manufacturers can choose the standard they want to comply with.

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**PASSENGER CAR CO₂ EMISSIONS HISTORICAL TREND AND FUTURE TARGETS**

<table>
<thead>
<tr>
<th>Year</th>
<th>CO₂ Emissions (g/km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td>11.9</td>
</tr>
<tr>
<td>2004</td>
<td>12.6</td>
</tr>
<tr>
<td>2005</td>
<td>12.8</td>
</tr>
<tr>
<td>2006</td>
<td>12.9</td>
</tr>
<tr>
<td>2007</td>
<td>13.2</td>
</tr>
<tr>
<td>2008</td>
<td>13.6</td>
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<td>2009</td>
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<td>2010</td>
<td>15.2</td>
</tr>
<tr>
<td>2011</td>
<td>15.7</td>
</tr>
<tr>
<td>2012</td>
<td>16.5</td>
</tr>
<tr>
<td>2013</td>
<td>16.6</td>
</tr>
</tbody>
</table>

2015 target: 16.7 km/L (140 g/km)

2020 target (proposed): 24.1 km/L (97 g/km)

Annual improvement rates:
- 5.3%
- 1.7%
- 0.7%
- 2.3%
- 3.6%
- 6.3%
- 4.6%
- 3.7%
- 4.9%
- 0.9%

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**FACTSHEET | KOREA | BERLIN | BRUSSELS | SAN FRANCISCO | WASHINGTON**
LIGHT-COMMERCIAL VEHICLE

<table>
<thead>
<tr>
<th>Metric</th>
<th>Ministry of the Environment (GHG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulatory agency</td>
<td>Ministry of Trade, Industry, and Energy (MOTIE) (fuel economy)</td>
</tr>
</tbody>
</table>

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)

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)

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

Annual improvement rates:
- 2006: -0.7%
- 2007: -0.9%
- 2008: 7.6%
- 2009: 1.6%
- 2010: 0.4%
- 2011: 7.4%
- 2012: 0.8%
- 2013: 0.4%

2020 target (proposed): 14.1 km/L (166 g/km)