

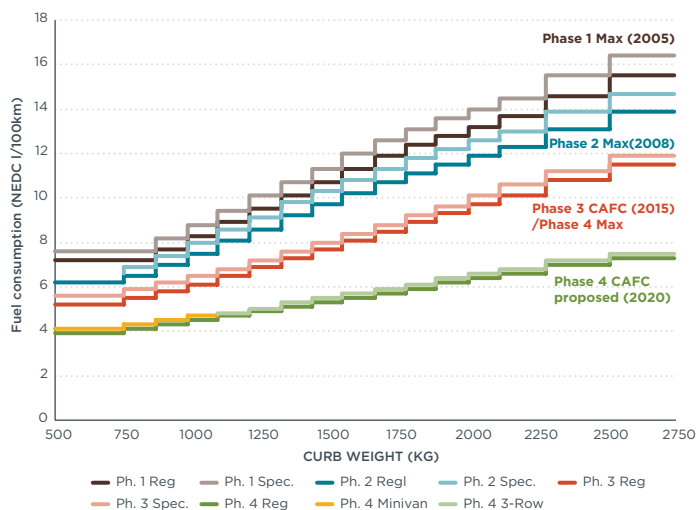
# LIGHT-DUTY VEHICLE EFFICIENCY STANDARDS

NOVEMBER 2014

## PASSENGER CAR

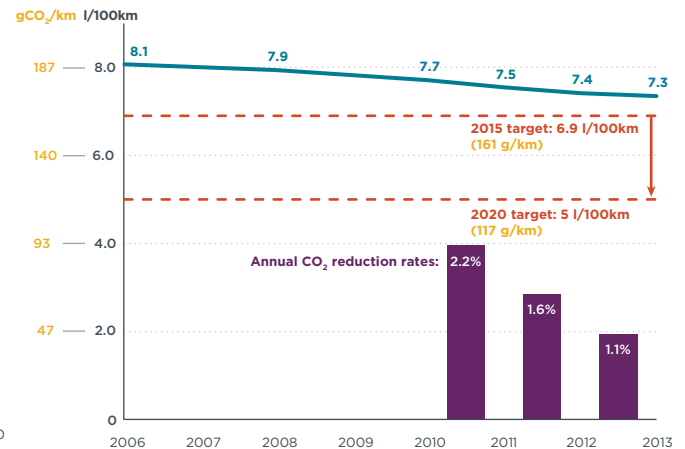
<b>New sales</b>	17.9 million (2013), BEVs and PHEVs account for 0.1%
<b>Metric</b>	Fuel consumption (l/100km)
<b>Regulatory agency</b>	Ministry of Industry and Information Technology (MIIT)
<b>Regulated vehicles</b>	Vehicle weight under 3,500 kg with no more than 9 seats (M1), both domestic and imported, diesel vehicle excluded.
<b>Regulation</b>	Fuel consumption evaluation methods and targets for passenger cars (i.e. Phase III standards) GB 27999-2011 <a href="http://www.sac.gov.cn/SACSearch/outlinetemplat/gjcxjg_qwyd.jsp?bzNum=GB%2027999-2011">http://www.sac.gov.cn/SACSearch/outlinetemplat/gjcxjg_qwyd.jsp?bzNum=GB%2027999-2011</a>
<b>Timeframe</b>	2012-2015
<b>Fleet target</b>	6.9 L/100km (2015)
<b>Actual new vehicle fleet average</b>	7.3 L/100km (2013) <a href="http://zbs.miit.gov.cn/n11293472/n11295142/n11299183/16146209.html">http://zbs.miit.gov.cn/n11293472/n11295142/n11299183/16146209.html</a>
<b>Compliance parameter</b>	Per vehicle and corporate average based on weight-class
<b>Test cycle</b>	NEDC <a href="http://kjs.mep.gov.cn/hjbhzbz/bzwb/dqjhjbh/dqdywrwpfbz/200707/t20070701_66145.htm">http://kjs.mep.gov.cn/hjbhzbz/bzwb/dqjhjbh/dqdywrwpfbz/200707/t20070701_66145.htm</a>
<b>Emission standards</b>	China IV (similar to Euro 4), GB 18352.3-2005 <a href="http://kjs.mep.gov.cn/hjbhzbz/bzwb/dqjhjbh/dqdywrwpfbz/200707/t20070701_66145.htm">http://kjs.mep.gov.cn/hjbhzbz/bzwb/dqjhjbh/dqdywrwpfbz/200707/t20070701_66145.htm</a>
<b>Key sources</b>	Corporate Average Fuel Efficiency Accounting Method for Passenger Cars <a href="http://www.gov.cn/gzdt/2013-03/20/content_2358627.htm">http://www.gov.cn/gzdt/2013-03/20/content_2358627.htm</a> Transportpolicy <a href="http://www.transportpolicy.net/index.php?title=China:_Light-duty:_Fuel_Consumption">http://www.transportpolicy.net/index.php?title=China:_Light-duty:_Fuel_Consumption</a>
<b>Notes</b>	Phase IV fuel consumption standard proposal was released by MIIT in January 2014 with a projection of 2020 fleet-average fuel consumption of 5 L/100km <a href="http://gzly.miit.gov.cn:8080/opinion/noticedetail.do?method=notice_detail_show&amp;noticeid=690">http://gzly.miit.gov.cn:8080/opinion/noticedetail.do?method=notice_detail_show&amp;noticeid=690</a>

### PASSENGER CAR FUEL CONSUMPTION STANDARDS PLOT



Note: Special-featured vehicles should have one or two features below:  
1) automatic transmission; 2) with three rows of seats or above. After 2015, vehicle with automotive transmission will be categorized as regular vehicles.

### PASSENGER CAR FUEL CONSUMPTION HISTORICAL TREND AND FUTURE TARGETS



## LIGHT COMMERCIAL VEHICLE

<b>New sales</b>	2.7 million (2012)
<b>Metric</b>	Fuel consumption
<b>Regulatory agency</b>	Ministry of Industry and Information Technology (MIIT)
<b>Regulated vehicles</b>	Cargo vehicles with maximum designed gross weight under 3500 kg (N1) and passenger vehicles with more than 9 seats weighing under 5000 kg (M2), both domestic and imported
<b>Regulation</b>	Limits of fuel consumption for light duty commercial vehicles (i.e. Phase I/II standards) GB 20997-2007 <a href="http://www.sac.gov.cn/SACSearch/outlinetemplate/gjcxjg_qwyd.jsp?bzNum=GB%2020997-2007">http://www.sac.gov.cn/SACSearch/outlinetemplate/gjcxjg_qwyd.jsp?bzNum=GB%2020997-2007</a>
<b>Timeframe</b>	Since 2008 (Phase I) and 2010 (Phase II)
<b>Fleet target</b>	N/A
<b>Actual new vehicle fleet average</b>	8.7 L/100km (2012)
<b>Compliance parameter</b>	Per-vehicle standard based on fuel types, gross vehicle weight classes, and engine displacement
<b>Test cycle</b>	NEDC <a href="http://kjs.mep.gov.cn/hjbhzb/bzwb/dqhjbh/dqdywrwpfbz/200707/t20070701_66145.htm">http://kjs.mep.gov.cn/hjbhzb/bzwb/dqhjbh/dqdywrwpfbz/200707/t20070701_66145.htm</a>
<b>Emission standards</b>	China IV (similar to Euro 4), GB 18352.3-2005 <a href="http://kjs.mep.gov.cn/hjbhzb/bzwb/dqhjbh/dqdywrwpfbz/200707/t20070701_66145.htm">http://kjs.mep.gov.cn/hjbhzb/bzwb/dqhjbh/dqdywrwpfbz/200707/t20070701_66145.htm</a>
<b>Key sources</b>	N/A
<b>Notes</b>	MIIT is preparing to draft the Phase III standards <a href="http://www.miit.gov.cn/n11293472/n11293832/n11293907/n12246780/15820369.html">http://www.miit.gov.cn/n11293472/n11293832/n11293907/n12246780/15820369.html</a>

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

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