TRAFFIC CONGESTION IN METRO MANILA
In terms of percentage share, almost a third of the total vehicle registration in the country is in the NCR.

In terms of growth rate, there is a 33% growth in the total vehicle registration in the NCR from 2010 to 2015*.
Growth Rate of Motor Vehicle Sales Select ASEAN Countries, 2015

<table>
<thead>
<tr>
<th>Country</th>
<th>Growth Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indonesia</td>
<td>35%</td>
</tr>
<tr>
<td>Malaysia</td>
<td>29%</td>
</tr>
<tr>
<td>Philippines</td>
<td>2%</td>
</tr>
<tr>
<td>Thailand</td>
<td>-2%</td>
</tr>
<tr>
<td>Vietnam</td>
<td>-34%</td>
</tr>
</tbody>
</table>

Source: Asean Automotive Federation
Vehicle sales up 41% in Sept.

Campi: In first 9 months, 169,727 units were sold

By Amy R. Remo

THE PHILIPPINE automotive sector continued its stellar performance in September, as it posted a 41.7-percent surge in vehicle sales to 20,924 units, reportedly a record high in monthly sales of members of the Chamber of Automotive Manufacturers of the Philippines Inc. (Campi).

This brought total vehicle sales from January to September this year to 169,727 units—up 26.2 percent from the 131,381 units sold in the same period in 2013, data from Campi and Truck Manufacturers Association showed.

“We are beyond grateful for the strong patronage and trust of our market especially with the new products lined up for them. The exceptionally strong sales we have achieved for the past months, especially the unprecedented growth this September, prove that the automotive industry is continuously growing and aiming for better results,” said Campi president Ramzes Guinto. “With this, we are going to keep an eye on the remaining months of this year and expect to deliver increased sales.”

The continuing upsurge in vehicle sales was mainly due to the introduction of new models and aggressively promotional support given by automotive companies.

Both the passenger car and commercial vehicle segments posted strong growth, increasing vehicle sales.

Road map points to revitalized auto industry

THE REVITALIZATION of the local automotive manufacturing industry is expected to generate as much as 300,000 new jobs under the Comprehensive Automotive Resurgence Strategy (CARS), a program that contains fiscal and nonfiscal incentives for Philippine carmakers.

On the sidelines of a Senate hearing conducted yesterday, Trade Assistant secretary Raffy Cabuhat, M. Alaba said the jobs, which would comprise direct and indirect employment, could be realized six years after the implementation of the CARS program.

The program, Trade Undersecretary Adrian S. Cristobal Jr., is also seen to benefit not only manufacturers and assemblers, but the motoring public as well.

“One of the components of the road map is how to stimulate demand and increase purchasing power and, on that part, one proposal given to us is to encourage or get the banks to open credit windows for first-time car owners.
### ANNUAL AVERAGE DAILY TRAFFIC (AADT) IN METRO MANILA AND ALONG EDSA

<table>
<thead>
<tr>
<th></th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metro Manila</td>
<td>2,288,884</td>
<td>2,457,874</td>
<td>2,216,948</td>
<td>2,535,078</td>
<td>2,575,896</td>
</tr>
<tr>
<td>EDSA</td>
<td>322,936</td>
<td>325,335</td>
<td>326,504</td>
<td>342,612</td>
<td>360,417</td>
</tr>
</tbody>
</table>

In terms of growth rate:

- there is an 12.5% increase in the AADT in Metro Manila from 2010 to 2014
- there is an 11.6% increase in the AADT along EDSA from 2010 to 2014
Traffic Congestion along EDSA

Maximum carrying capacity: 6,000 vehicles per hour per direction

Current situation: 6,800 vehicles per hour per direction
Highway 401 or Macdonald–Cartier Freeway

A 400-series highway in the Canadian province of Ontario which is the busiest and one of the widest highways in the world.

- Proposed: 1938
- Opened: 1947–1968
- Extended: 2015
- Total Length: 817.9 km. (508.2 mi) from Windsor to Quebec border
- AADT: 400,000 (approximate)
Bangkok Middle Ring Road

Length: 46 km
Average Travel Speed: 12 km/hour
COMPARATIVE DATA OF SELECTED CITIES AND COUNTRIES

**ROAD NETWORK**

<table>
<thead>
<tr>
<th>City</th>
<th>Land Area (in sq. km)</th>
<th>Population</th>
<th>Road Network</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manila</td>
<td>300,000</td>
<td>92,337,852* (2010 census)</td>
<td>199,950</td>
</tr>
<tr>
<td>Tokyo</td>
<td>638.6</td>
<td>11,855,975* (12.85% of total Philippines)</td>
<td>5,095</td>
</tr>
<tr>
<td>Seoul</td>
<td>364,560</td>
<td>126,660,000**</td>
<td>1,217,128</td>
</tr>
<tr>
<td>Jakarta</td>
<td>100,210</td>
<td>48,955,203**</td>
<td>86,990</td>
</tr>
<tr>
<td>Kuala Lumpur</td>
<td>205.25</td>
<td>10,143,164** (9.4% of total South Korea)</td>
<td>8,174</td>
</tr>
</tbody>
</table>

**Population / km of road**

- Philippines: 11,855,975* (12.85% of total Philippines)
- Tokyo: 1,217,128
- Jakarta: 8,174 (9.4% of total South Korea)

**Railway Network**

<table>
<thead>
<tr>
<th>City</th>
<th>Land Area (in km)</th>
<th>Population</th>
<th>Railway Network</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manila</td>
<td>300,000</td>
<td>496,607</td>
<td>27,182</td>
</tr>
<tr>
<td>Tokyo</td>
<td>2,188.67</td>
<td>24,431</td>
<td>79.04 (with 61 stations)</td>
</tr>
<tr>
<td>Seoul</td>
<td>605.25</td>
<td>8,174</td>
<td>988 (with 512 stations)</td>
</tr>
</tbody>
</table>

**Notes:**
- * 2010
- ** 2013

- Philippines
  - 192,772 (116 of the 147 countries ranked)
  - 150,000

- Japan
  - 4,660

- South Korea
  - 9,339
  - 10,266
<table>
<thead>
<tr>
<th>On-going Big Ticket Projects until 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>• LRT LINE 2 EAST EXTENSION PROJECT (DOTC)</td>
</tr>
<tr>
<td>• METRO MANILA SKYWAY STAGE 3 PROJECT - (DOTC)</td>
</tr>
<tr>
<td>• NAIA EXPRESSWAY II PROJECT (DPWH)</td>
</tr>
<tr>
<td>• REPAIR/STRENGTHENING/ASPHALT OVERLAY OF MAGALLANES INTERCHANGE (DPWH)</td>
</tr>
</tbody>
</table>
Construction of the Skyway Stage-3 (Makati-Manila)
OSMEÑA AVENUE

Before

During
Construction of the NAIA Expressway (Pasay)

ANDREWS AVENUE

Before

During
JAKARTA, INDONESIA
Construction Project: Mass Rapid Transport (MRT) System
Cost: $1.7 billion USD
Proposed: 1988
Implementation/Completion Date: 2014-2018

The MRT is based on a heavy rail transit platform and will be integrated with other mass transportation such as bus, Transjakarta and train.
JAKARTA, INDONESIA
Project: Light Rail Transport (LRT) system
Cost: US$2.3 billion
Proposed: 1988
Implementation Period: 2014-2018

The 22 kilometer LRT will have seven (7) routes to transport 360,000 passengers daily.
Project:
- 18 Kilometer Elevated Road
- and 10 Kilometer Ring Road

Proposed: 2012

Ghaziabad, India
Thank you!