Air Pollution caused by Vehicles

743. SHRIMATI CHINTA ANURADHA:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

(a) the details of air pollution created through road traffic during the period of 2015-2022;
(b) the details of daily use of different modes of public transport;
(c) the details of schemes offered if any, to reduce private vehicle traffic; and
(d) if not, the reasons therefor?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI ASHWINI KUMAR CHOUBEY)

(a) As per the Source Apportionment Studies done for the major cities during 2019-22, contribution of vehicular sector to PM$_{10}$ levels varied between 10-33% during winter season and between 3-29% during summer season. Category wise contribution is given as Annexure I.

(b), (c)& (d)

The Government has undertaken several measures to control private vehicle traffic such as expansion of network of metro rails for public transport, promotion of public transport such as high-capacity buses, rail etc. Network of metro rails for public transport has been enhanced and more cities are covered. At present, about 810 km route length of metro is already in 20 cities. Further, Faster Adoption and Manufacturing of Electric Vehicles (FAME) -2 scheme has been rolled out and permit requirement for electric vehicles has been exempted.

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Trends in the category wise share of vehicles in total registered vehicles (in percent)

<table>
<thead>
<tr>
<th>As on 31st March</th>
<th>Two Wheelers</th>
<th>Cars, Jeeps &amp; Taxis</th>
<th>Buses @</th>
<th>Goods Vehicles</th>
<th>Other Vehicles</th>
<th>Total (Million)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>73.50</td>
<td>13.60</td>
<td>1.00</td>
<td>4.40</td>
<td>7.50</td>
<td>210.00</td>
</tr>
<tr>
<td>2016</td>
<td>73.50</td>
<td>13.10</td>
<td>0.80</td>
<td>4.60</td>
<td>8.10</td>
<td>230.00</td>
</tr>
<tr>
<td>2017</td>
<td>73.90</td>
<td>13.30</td>
<td>0.74</td>
<td>4.84</td>
<td>7.27</td>
<td>253.00</td>
</tr>
<tr>
<td>2018</td>
<td>74.40</td>
<td>13.37</td>
<td>0.71</td>
<td>4.69</td>
<td>6.85</td>
<td>272.60</td>
</tr>
<tr>
<td>2019</td>
<td>74.8</td>
<td>12.99</td>
<td>0.69</td>
<td>4.65</td>
<td>6.85</td>
<td>295.8</td>
</tr>
</tbody>
</table>

Source: MoRTH Road Transport Year Book 2019.

Note: 'Other vehicles' include tractors, trailers, three wheelers (passenger vehicles)/LMV and other miscellaneous vehicles which are not classified separately, @includes Omni buses since 2001.