Table A7. Transportation sector key indicators and delivered energy consumption

<table>
<thead>
<tr>
<th>Key indicators and consumption</th>
<th>Reference case</th>
<th>Annual growth 2012-2040 (percent)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2011</td>
<td>2012</td>
</tr>
</tbody>
</table>

**Key indicators**

**Travel indicators**
- (billion vehicle miles traveled)
  - Light-duty vehicles less than 8,501 pounds...
    - Reference case: 2,623
  - Commercial light trucks¹
    - Reference case: 62
  - Freight trucks greater than 10,000 pounds...
    - Reference case: 252
- (billion seat miles available)
  - Air
    - Reference case: 982
  - Freight trucks greater than 10,000 pounds...
    - Reference case: 252

**Energy efficiency indicators**
- (miles per gallon)
  - New light-duty vehicle CAFE standard²
    - Reference case: 27.6
  - New car²
    - Reference case: 30.7
  - New light truck²
    - Reference case: 24.6
  - Compliance new light-duty vehicle³
    - Reference case: 32.4
  - New car³
    - Reference case: 36.7
  - New light truck³
    - Reference case: 28.5
  - Tested new light-duty vehicle⁴
    - Reference case: 31.2
  - New car⁴
    - Reference case: 35.7
  - New light truck⁴
    - Reference case: 27.3
  - On-road new light-duty vehicle⁵
    - Reference case: 25.2
  - New car⁵
    - Reference case: 29.2
  - New light truck⁵
    - Reference case: 21.8
  - Light-duty stock⁶
    - Reference case: 21.2
  - New commercial light truck¹
    - Reference case: 18.0
  - Stock commercial light truck¹
    - Reference case: 14.9
  - Tested new light-duty vehicle⁴
    - Reference case: 6.7
  - (seat miles per gallon)
    - Aircraft
      - Reference case: 62.3
  - (ton miles per thousand Btu)
    - Rail
      - Reference case: 3.4
    - Domestic shipping
      - Reference case: 4.6

**Energy use by mode**
- (quadrillion Btu)
  - Light-duty vehicles
    - Reference case: 15.52
  - Commercial light trucks¹
    - Reference case: 0.52
  - Bus transportation
    - Reference case: 0.24
  - Freight trucks
    - Reference case: 5.19
  - Rail, passenger
    - Reference case: 0.05
  - Rail, freight
    - Reference case: 0.51
  - Shipping, domestic
    - Reference case: 0.11
  - Shipping, international
    - Reference case: 0.77
  - Recreational boats
    - Reference case: 0.24
  - Air
    - Reference case: 2.46
  - Military use
    - Reference case: 0.74
  - Lubricants
    - Reference case: 0.13
  - Pipeline fuel
    - Reference case: 0.70
- Total
  - Reference case: 27.17
### Table A7. Transportation sector key indicators and delivered energy consumption (continued)

<table>
<thead>
<tr>
<th>Key indicators and consumption</th>
<th>Reference case</th>
<th>Annual growth 2012-2040 (percent)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2011</td>
<td>2012</td>
</tr>
<tr>
<td>Energy use by mode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(million barrels per day oil equivalent)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light-duty vehicles</td>
<td>8.42</td>
<td>8.41</td>
</tr>
<tr>
<td>Commercial light trucks(^1)</td>
<td>0.27</td>
<td>0.27</td>
</tr>
<tr>
<td>Bus transportation</td>
<td>0.12</td>
<td>0.11</td>
</tr>
<tr>
<td>Freight trucks</td>
<td>2.50</td>
<td>2.42</td>
</tr>
<tr>
<td>Rail, passenger</td>
<td>0.02</td>
<td>0.02</td>
</tr>
<tr>
<td>Rail, freight</td>
<td>0.24</td>
<td>0.23</td>
</tr>
<tr>
<td>Shipping, domestic</td>
<td>0.05</td>
<td>0.05</td>
</tr>
<tr>
<td>Shipping, international</td>
<td>0.34</td>
<td>0.25</td>
</tr>
<tr>
<td>Recreational boats</td>
<td>0.13</td>
<td>0.13</td>
</tr>
<tr>
<td>Air</td>
<td>1.19</td>
<td>1.20</td>
</tr>
<tr>
<td>Military use</td>
<td>0.35</td>
<td>0.34</td>
</tr>
<tr>
<td>Lubricants</td>
<td>0.06</td>
<td>0.06</td>
</tr>
<tr>
<td>Pipeline fuel</td>
<td>0.33</td>
<td>0.35</td>
</tr>
<tr>
<td>Total</td>
<td>14.03</td>
<td>13.84</td>
</tr>
</tbody>
</table>

\(^1\)Commercial trucks 8,501 to 10,000 pounds gross vehicle weight rating.
\(^2\)CAFE standard based on projected new vehicle sales.
\(^3\)Includes CAFE credits for alternative fueled vehicle sales and credit banking.
\(^4\)Environmental Protection Agency rated miles per gallon.
\(^5\)Tested new vehicle efficiency revised for on-road performance.
\(^6\)Combined "on-the-road" estimate for all cars and light trucks.

**Sources:**
- **Projections:** EIA, AEO2014 National Energy Modeling System run REF2014.D102413A.