**Lesson 7 Data Sheet:**

**The Increasing Number of Cars**

* + **At the start of the twentieth century, there were only about 8,000 cars in the United States and possibly not more than 25,000 worldwide.**
  + **Most cars in the early 1900s were located in either the United States or Europe. In 1908, for example, there were only about 20 cars in Tokyo, Japan.**
  + **There were 300 cars in the United States in 1895, 78,000 in 1905, 459,000 in 1910 and 1.7 million in 1914.**
  + **In 1903 just under 63,000 cars were built in the world of which about half were produced in France.**
  + **By 1910 there were 100,000 cars in Great Britain.**
  + **By 1968 the worldwide figure had increased to 170 million; a figure that had more than doubled to 375 million by 1985.**
  + **In 2002 there were 530 million cars worldwide, of which about 25% (130 million) were in the United States.**

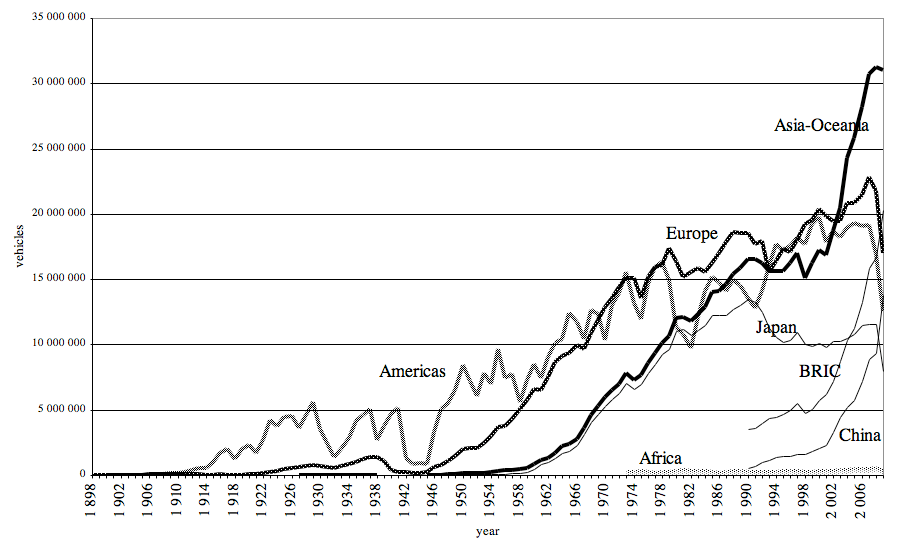
**World Annual Car Production 2004 - 2014**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Total Cars Produced** |  | **Year** | **Total Cars Produced** |
| **2004** | 64,496,220 |  | **2010** | 77,583,519 |
| **2005** | 66,719,519 |  | **2011** | 79,880,920 |
| **2006** | 69,222,975 |  | **2012** | 84,236,171 |
| **2007** | 73,266,061 |  | **2013** | 87,595,998 |
| **2008** | 70,729,696 |  | **2014** | 89,776,465 |
| **2009** | 61,762,324 |  |

**Figure 7.1**

Source: <http://www.oica.net/category/production-statistics/2014-statistics/>

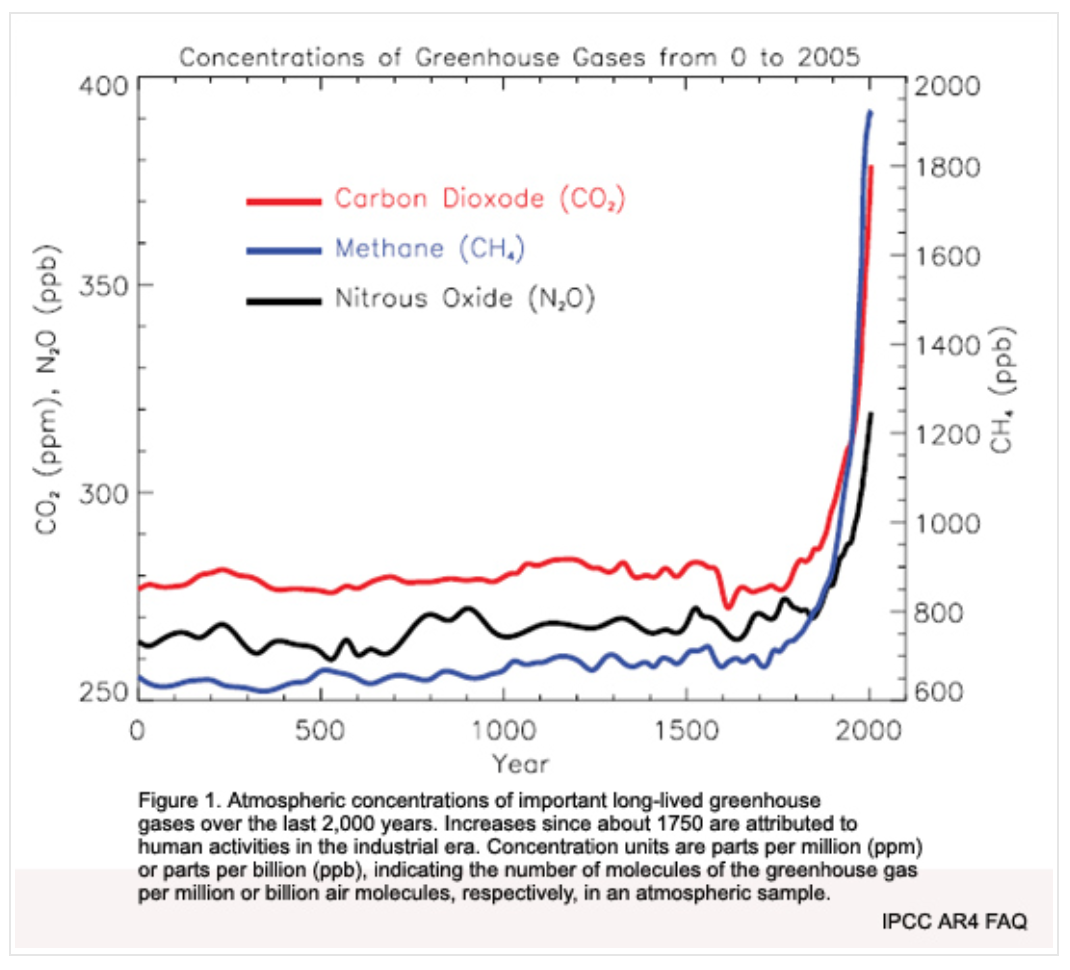
**World Car Production 1898 - 2007**

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**Figure 7.2**

Source: <http://revel.unice.fr/eriep/?id=3301>

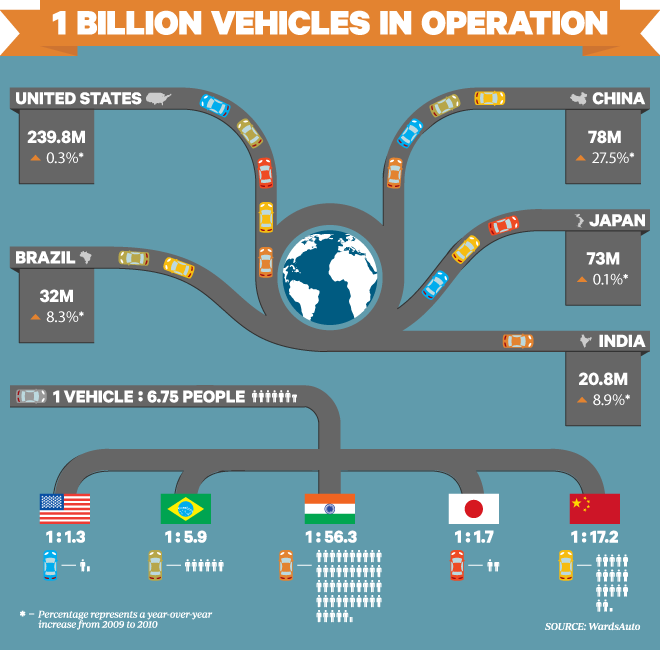
**Greenhouse Gas Levels in the Atmosphere**

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**Figure 7.3**

Source: <http://www.global-greenhouse-warming.com/greenhouse-gas.html>

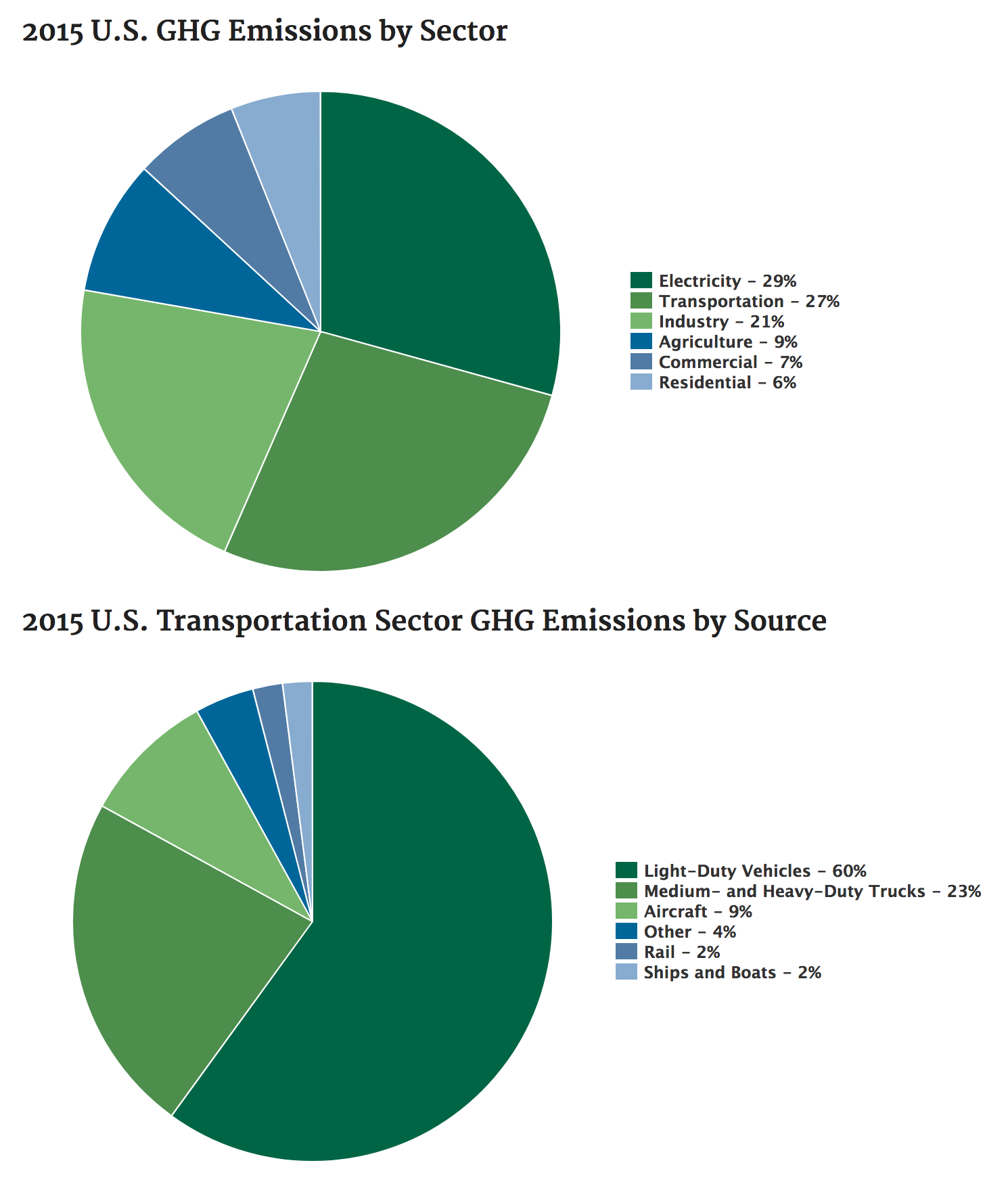
Note: Double y-axis graph. CO2 and N2O use the scale on the left y-axis and CH4 uses the scale on the right y-axis. The “Years” x-axis starts at year 1 AD (“year 0” does not exist) and goes through the year 2000 AD.

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**Figure 7.4**

Source: <https://www.wired.com/2012/07/1-billion-cars-infographic/>

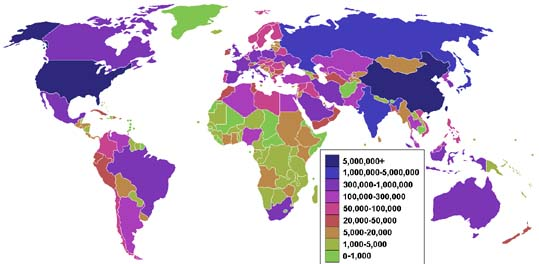
**Transportation Greenhouse Gas (GHG) Emissions in the U.S.**



**Figure 7.5**

Source:<https://www.epa.gov/greenvehicles/fast-facts-transportation-greenhouse-gas-emissions>

**Carbon Dioxide Emissions from Burning of Fossil Fuels - 2006**

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**Figure 7.6**

Source**:** <https://publications.europa.eu/en/publication-detail/-/publication/41811494-f131-11e8-9982-01aa75ed71a1/language-en>