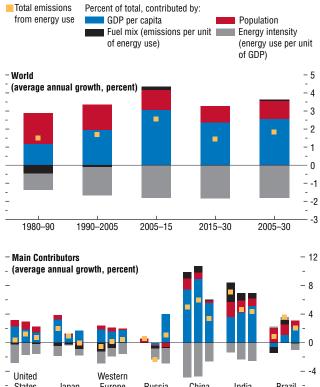
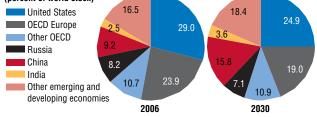
Figure 4.1. Carbon Dioxide Energy-Related Emissions¹

Emissions increases are driven by GDP growth per capita and population increases, with improvements in the energy intensity of output providing only a partial offset. Emerging and developing economies contribute most to emissions growth, and advanced economies account for most of past emissions.



 States 	Japan	Europe	Russia	China	India	Brazil -
1980–90 1990–2005 2005–30						

Stock of Carbon Dioxide Emissions Beginning in 1900 (percent of world stock)



Sources: Energy Information Administration, International Energy Annual (2005) and International Energy Outlook (2006); International Energy Agency, World Energy Outlook (2007); and World Resources Institute's Earth Trends database. ¹The figure plots emissions of carbon dioxide from energy use.