

**Focus on Sustainability: Implement Key Elements of the President's Climate Commitment and Educational and Applied Research Initiatives**

**Greenhouse Gas Emissions**

- There was a 14% increase in total emissions from FY2008 to FY2010.
  - Scope 1 decreased by 4.1%; the goal was 1% reduction by 2015
  - Scope 2 increased by 46.6%; the goal was 10% reduction by 2015
  - Scope 3 decreased by 11.3%; the goal was 3% reduction by 2015
- Scope 1 emissions include stationary combustion
- Scope 2 emissions include purchased electricity
- Scope 3 emissions include commuting, air travel, and solid waste

Note: The increase in the Scope 3 emissions for fiscal year 2010 compared to fiscal year 2009 was due to an improved method for collecting air travel miles.

Emission Type	Fiscal Year				
	2007	2008	2009	2010	2015 goal
<b>Total Scope 1</b> (Metric tons eCO <sub>2</sub> )	11,954.5	12,320.4	12,067.3	11,812.2	1-3% reduction compared to 2008
<b>Total Scope 2</b> (Metric tons eCO <sub>2</sub> )	17,171.6	16,817.7	18,242.8	24,655.1	10-20% reduction compared to 2008
<b>Total Scope 3</b> (Metric tons eCO <sub>2</sub> )	12,365.9	12,665.4	9,602.5	11,232.4	3-5% reduction compared to 2008
<b>Total</b> (Metric tons eCO <sub>2</sub> )	<b>41,492.0</b>	<b>41,803.5</b>	<b>39,912.6</b>	<b>47,699.6</b>	

Source: Greenhouse Gas Inventory, December 2010.