

Table 9a. U.S. Macroeconomic Indicators and CO₂ Emissions
 Energy Information Administration/Short-Term Energy Outlook - October 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
Macroeconomic															
Real Gross Domestic Product															
(billion chained 2005 dollars - SAAR)	12,938	13,059	13,140	13,216	13,228	13,261	13,301	13,347	<i>13,415</i>	<i>13,488</i>	<i>13,553</i>	<i>13,628</i>	13,088	<i>13,284</i>	<i>13,521</i>
Real Disposable Personal Income															
(billion chained 2005 Dollars - SAAR)	9,923	10,058	10,114	10,152	10,183	10,208	10,213	10,264	<i>10,315</i>	<i>10,380</i>	<i>10,403</i>	<i>10,427</i>	10,062	<i>10,217</i>	<i>10,381</i>
Real Fixed Investment															
(billion chained 2005 dollars-SAAR)	1,582	1,654	1,664	1,694	1,699	1,735	1,758	1,783	<i>1,795</i>	<i>1,813</i>	<i>1,832</i>	<i>1,858</i>	1,648	<i>1,744</i>	<i>1,825</i>
Business Inventory Change															
(billion chained 2005 dollars-SAAR)	12.38	4.84	24.17	39.65	33.28	23.56	14.83	11.36	<i>6.52</i>	<i>8.85</i>	<i>8.80</i>	<i>8.96</i>	20.26	<i>20.76</i>	<i>8.28</i>
Housing Stock															
(millions)	123.5	123.6	123.6	123.5	123.5	123.5	123.5	123.5	<i>123.5</i>	<i>123.5</i>	<i>123.6</i>	<i>123.6</i>	123.5	<i>123.5</i>	<i>123.6</i>
Non-Farm Employment															
(millions)	129.3	130.0	129.9	130.1	130.5	131.0	131.2	131.3	<i>131.6</i>	<i>132.1</i>	<i>132.5</i>	<i>132.9</i>	129.8	<i>131.0</i>	<i>132.3</i>
Commercial Employment															
(millions)	87.3	87.6	87.9	88.2	88.6	89.1	89.3	89.6	<i>90.1</i>	<i>90.6</i>	<i>91.1</i>	<i>91.5</i>	87.8	<i>89.1</i>	<i>90.8</i>
Industrial Production Indices (Index, 2007=100)															
Total Industrial Production	88.0	89.5	91.0	91.7	92.8	93.0	93.9	94.0	<i>94.4</i>	<i>94.9</i>	<i>95.5</i>	<i>96.1</i>	90.1	<i>93.4</i>	<i>95.2</i>
Manufacturing	85.0	86.9	88.1	89.0	90.6	90.9	91.6	92.1	<i>92.7</i>	<i>93.5</i>	<i>94.3</i>	<i>95.2</i>	87.3	<i>91.3</i>	<i>93.9</i>
Food	100.6	101.4	103.3	103.9	103.1	102.9	103.0	103.1	<i>103.3</i>	<i>103.6</i>	<i>104.1</i>	<i>104.5</i>	102.3	<i>103.0</i>	<i>103.9</i>
Paper	88.7	89.5	88.8	89.1	89.7	88.0	88.0	87.9	<i>87.9</i>	<i>88.0</i>	<i>88.3</i>	<i>88.7</i>	89.0	<i>88.4</i>	<i>88.2</i>
Chemicals	86.9	86.3	86.5	87.0	88.6	88.8	88.2	88.1	<i>88.3</i>	<i>88.6</i>	<i>89.1</i>	<i>89.6</i>	86.7	<i>88.4</i>	<i>88.9</i>
Petroleum	92.9	96.9	98.0	98.0	96.2	96.9	98.1	98.4	<i>98.6</i>	<i>98.8</i>	<i>99.0</i>	<i>99.1</i>	96.5	<i>97.4</i>	<i>98.9</i>
Stone, Clay, Glass	64.6	68.0	68.8	69.1	67.5	69.6	69.8	69.6	<i>69.8</i>	<i>70.1</i>	<i>70.8</i>	<i>71.5</i>	67.6	<i>69.1</i>	<i>70.5</i>
Primary Metals	81.7	84.1	82.1	85.3	90.4	90.7	92.2	92.7	<i>92.8</i>	<i>93.2</i>	<i>94.0</i>	<i>94.5</i>	83.3	<i>91.5</i>	<i>93.6</i>
Resins and Synthetic Products	76.0	74.7	78.1	79.1	78.8	74.2	73.6	73.6	<i>73.6</i>	<i>73.8</i>	<i>74.3</i>	<i>74.7</i>	77.0	<i>75.0</i>	<i>74.1</i>
Agricultural Chemicals	100.9	93.2	89.5	92.5	99.9	99.4	98.7	97.8	<i>97.3</i>	<i>97.3</i>	<i>97.7</i>	<i>97.8</i>	94.0	<i>99.0</i>	<i>97.5</i>
Natural Gas-weighted (a)	85.5	86.2	86.6	87.5	89.0	88.4	88.7	88.7	<i>88.7</i>	<i>88.9</i>	<i>89.4</i>	<i>89.7</i>	86.5	<i>88.7</i>	<i>89.2</i>
Price Indexes															
Consumer Price Index (all urban consumers)															
(index, 1982-1984=1.00)	2.18	2.17	2.18	2.19	2.22	2.25	2.26	2.27	<i>2.28</i>	<i>2.28</i>	<i>2.29</i>	<i>2.30</i>	2.18	<i>2.25</i>	<i>2.29</i>
Producer Price Index: All Commodities															
(index, 1982=1.00)	1.85	1.83	1.82	1.90	1.99	2.02	2.02	2.02	<i>2.01</i>	<i>2.00</i>	<i>2.01</i>	<i>2.04</i>	1.85	<i>2.01</i>	<i>2.01</i>
Producer Price Index: Petroleum															
(index, 1982=1.00)	2.17	2.26	2.20	2.38	2.74	3.22	3.06	2.84	<i>2.87</i>	<i>2.90</i>	<i>2.87</i>	<i>2.82</i>	2.25	<i>2.96</i>	<i>2.87</i>
GDP Implicit Price Deflator															
(index, 2005=100)	110.4	110.8	111.2	111.7	112.4	113.1	113.7	114.2	<i>114.4</i>	<i>114.5</i>	<i>114.9</i>	<i>115.4</i>	111.0	<i>113.3</i>	<i>114.8</i>
Miscellaneous															
Vehicle Miles Traveled (b)															
(million miles/day)	7,663	8,555	8,523	8,127	7,657	8,400	8,374	8,034	<i>7,710</i>	<i>8,444</i>	<i>8,470</i>	<i>8,080</i>	8,219	<i>8,118</i>	<i>8,177</i>
Air Travel Capacity															
(Available ton-miles/day, thousands)	491	530	546	526	519	549	542	520	<i>516</i>	<i>558</i>	<i>554</i>	<i>530</i>	523	<i>533</i>	<i>540</i>
Aircraft Utilization															
(Revenue ton-miles/day, thousands)	293	330	341	323	307	339	343	311	<i>297</i>	<i>351</i>	<i>346</i>	<i>315</i>	322	<i>325</i>	<i>327</i>
Airline Ticket Price Index															
(index, 1982-1984=100)	266.4	282.0	282.2	282.2	298.2	308.1	308.3	309.6	<i>310.1</i>	<i>316.7</i>	<i>311.2</i>	<i>296.7</i>	278.2	<i>306.1</i>	<i>308.7</i>
Raw Steel Production															
(million short tons per day)	0.234	0.253	0.245	0.237	0.257	0.261	0.266	0.254	<i>0.267</i>	<i>0.279</i>	<i>0.268</i>	<i>0.259</i>	0.242	<i>0.260</i>	<i>0.268</i>
Carbon Dioxide (CO₂) Emissions (million metric tons)															
Petroleum	569	588	599	593	575	573	589	584	<i>576</i>	<i>576</i>	<i>587</i>	<i>587</i>	2,349	<i>2,321</i>	<i>2,326</i>
Natural Gas	401	263	283	338	403	273	291	348	<i>408</i>	<i>273</i>	<i>289</i>	<i>351</i>	1,285	<i>1,315</i>	<i>1,320</i>
Coal	502	471	543	474	483	459	530	478	<i>500</i>	<i>430</i>	<i>492</i>	<i>471</i>	1,990	<i>1,950</i>	<i>1,894</i>
Total Fossil Fuels	1,472	1,322	1,425	1,405	1,461	1,305	1,410	1,410	<i>1,484</i>	<i>1,279</i>	<i>1,368</i>	<i>1,409</i>	5,624	<i>5,586</i>	<i>5,540</i>

- = no data available

(a) Natural gas share weights of individual sector indices based on EIA *Manufacturing Energy Consumption Survey*, 2002.

(b) Total highway travel includes gasoline and diesel fuel vehicles.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from U.S. Department of Commerce, Bureau of Economic Analysis; Federal Reserve System, Statistical release G17; Federal Highway Administration; and Federal Aviation Administration.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Macroeconomic projections are based on the Global Insight Model of the U.S. Economy and Regional Economic Information and simulation of the EIA Regional Short-Term Energy Model.