

Table 9a. U.S. Macroeconomic Indicators and CO₂ Emissions

U.S. Energy Information Administration | Short-Term Energy Outlook - September 2012

	2011				2012				2013				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2011	2012	2013
Macroeconomic															
Real Gross Domestic Product															
(billion chained 2005 dollars - SAAR)	13,184	13,265	13,307	13,441	13,506	13,558	<i>13,600</i>	<i>13,645</i>	<i>13,707</i>	<i>13,767</i>	<i>13,837</i>	<i>13,918</i>	13,299	<i>13,577</i>	<i>13,807</i>
Real Disposable Personal Income															
(billion chained 2005 Dollars - SAAR)	10,196	10,158	10,126	10,122	10,207	10,289	<i>10,337</i>	<i>10,369</i>	<i>10,403</i>	<i>10,453</i>	<i>10,510</i>	<i>10,577</i>	10,150	<i>10,300</i>	<i>10,486</i>
Real Fixed Investment															
(billion chained 2005 dollars-SAAR)	1,627	1,675	1,737	1,779	1,821	1,848	<i>1,875</i>	<i>1,898</i>	<i>1,921</i>	<i>1,948</i>	<i>1,981</i>	<i>2,021</i>	1,704	<i>1,860</i>	<i>1,968</i>
Business Inventory Change															
(billion chained 2005 dollars-SAAR)	21.39	16.37	2.40	35.48	11.86	0.19	<i>13.65</i>	<i>8.69</i>	<i>7.84</i>	<i>6.87</i>	<i>5.01</i>	<i>7.54</i>	18.91	<i>8.60</i>	<i>6.81</i>
Housing Stock															
(millions)	123.5	123.5	123.5	123.5	123.6	123.6	<i>123.6</i>	<i>123.6</i>	<i>123.7</i>	<i>123.8</i>	<i>123.8</i>	<i>123.9</i>	123.5	<i>123.6</i>	<i>123.9</i>
Non-Farm Employment															
(millions)	130.7	131.2	131.5	132.0	132.7	133.0	<i>133.4</i>	<i>133.8</i>	<i>134.2</i>	<i>134.7</i>	<i>135.2</i>	<i>135.7</i>	131.4	<i>133.2</i>	<i>135.0</i>
Commercial Employment															
(millions)	88.7	89.2	89.5	90.0	90.5	90.8	<i>91.2</i>	<i>91.5</i>	<i>92.0</i>	<i>92.4</i>	<i>92.9</i>	<i>93.3</i>	89.4	<i>91.0</i>	<i>92.6</i>
Industrial Production Indices (Index, 2007=100)															
Total Industrial Production	92.6	92.9	94.2	95.3	96.7	97.2	<i>97.7</i>	<i>98.3</i>	<i>98.6</i>	<i>99.2</i>	<i>100.0</i>	<i>100.5</i>	93.7	<i>97.5</i>	<i>99.6</i>
Manufacturing	90.4	90.6	91.7	92.9	95.2	95.6	<i>96.0</i>	<i>96.6</i>	<i>97.1</i>	<i>97.8</i>	<i>98.6</i>	<i>99.4</i>	91.4	<i>95.8</i>	<i>98.2</i>
Food	99.5	100.3	100.4	101.2	102.3	102.2	<i>102.4</i>	<i>102.7</i>	<i>103.1</i>	<i>103.5</i>	<i>103.9</i>	<i>104.4</i>	100.3	<i>102.4</i>	<i>103.7</i>
Paper	87.5	86.0	85.0	85.3	85.3	84.9	<i>84.7</i>	<i>84.7</i>	<i>84.6</i>	<i>84.9</i>	<i>85.4</i>	<i>86.1</i>	86.0	<i>84.9</i>	<i>85.3</i>
Chemicals	87.2	86.2	86.6	86.8	87.5	86.5	<i>86.8</i>	<i>87.1</i>	<i>87.2</i>	<i>87.7</i>	<i>88.3</i>	<i>88.9</i>	86.7	<i>87.0</i>	<i>88.0</i>
Petroleum	94.7	96.6	100.8	102.0	102.1	100.1	<i>101.1</i>	<i>101.6</i>	<i>102.0</i>	<i>102.4</i>	<i>102.7</i>	<i>102.8</i>	98.5	<i>101.2</i>	<i>102.5</i>
Stone, Clay, Glass	69.1	71.3	72.3	71.1	72.3	71.8	<i>72.3</i>	<i>73.0</i>	<i>73.8</i>	<i>75.1</i>	<i>76.6</i>	<i>78.4</i>	71.0	<i>72.4</i>	<i>76.0</i>
Primary Metals	95.7	95.3	95.9	100.2	102.4	100.7	<i>101.0</i>	<i>100.9</i>	<i>100.5</i>	<i>101.7</i>	<i>103.3</i>	<i>105.0</i>	96.8	<i>101.2</i>	<i>102.6</i>
Resins and Synthetic Products	87.1	80.7	80.7	80.8	84.5	78.7	<i>78.7</i>	<i>79.0</i>	<i>78.9</i>	<i>79.3</i>	<i>80.3</i>	<i>81.2</i>	82.3	<i>80.2</i>	<i>79.9</i>
Agricultural Chemicals	93.6	91.4	92.8	94.6	94.3	88.9	<i>89.3</i>	<i>89.6</i>	<i>89.8</i>	<i>91.0</i>	<i>92.1</i>	<i>92.9</i>	93.1	<i>90.5</i>	<i>91.4</i>
Natural Gas-weighted (a)	89.9	88.7	89.8	90.8	92.1	90.2	<i>90.6</i>	<i>90.9</i>	<i>90.9</i>	<i>91.6</i>	<i>92.5</i>	<i>93.3</i>	89.8	<i>90.9</i>	<i>92.1</i>
Price Indexes															
Consumer Price Index (all urban consumers)															
(index, 1982-1984=1.00)	2.22	2.25	2.26	2.27	2.28	2.29	<i>2.30</i>	<i>2.31</i>	<i>2.32</i>	<i>2.32</i>	<i>2.34</i>	<i>2.35</i>	2.25	<i>2.30</i>	<i>2.33</i>
Producer Price Index: All Commodities															
(index, 1982=1.00)	1.98	2.02	2.02	2.03	2.04	2.00	<i>2.01</i>	<i>2.04</i>	<i>2.04</i>	<i>2.03</i>	<i>2.03</i>	<i>2.04</i>	2.01	<i>2.02</i>	<i>2.03</i>
Producer Price Index: Petroleum															
(index, 1982=1.00)	2.74	3.22	3.07	2.94	3.08	3.08	<i>3.09</i>	<i>3.06</i>	<i>2.92</i>	<i>2.93</i>	<i>2.90</i>	<i>2.82</i>	2.99	<i>3.07</i>	<i>2.89</i>
GDP Implicit Price Deflator															
(index, 2005=100)	112.4	113.1	113.9	114.0	114.6	115.1	<i>115.6</i>	<i>116.3</i>	<i>116.8</i>	<i>117.1</i>	<i>117.6</i>	<i>118.1</i>	113.4	<i>115.4</i>	<i>117.4</i>
Miscellaneous															
Vehicle Miles Traveled (b)															
(million miles/day)	7,585	8,324	8,251	7,950	7,608	8,388	<i>8,304</i>	<i>7,946</i>	<i>7,640</i>	<i>8,413</i>	<i>8,376</i>	<i>7,999</i>	8,029	<i>8,062</i>	<i>8,109</i>
Air Travel Capacity															
(Available ton-miles/day, thousands)	519	549	554	527	515	549	<i>553</i>	<i>527</i>	<i>517</i>	<i>549</i>	<i>552</i>	<i>526</i>	537	<i>536</i>	<i>536</i>
Aircraft Utilization															
(Revenue ton-miles/day, thousands)	307	339	344	320	307	344	<i>340</i>	<i>313</i>	<i>313</i>	<i>349</i>	<i>340</i>	<i>312</i>	328	<i>326</i>	<i>328</i>
Airline Ticket Price Index															
(index, 1982-1984=100)	298.2	308.1	307.8	302.0	299.2	314.6	<i>297.4</i>	<i>286.4</i>	<i>305.6</i>	<i>328.0</i>	<i>312.3</i>	<i>292.1</i>	304.0	<i>299.4</i>	<i>309.5</i>
Raw Steel Production															
(million short tons per day)	0.257	0.261	0.266	0.264	0.274	0.278	<i>0.269</i>	<i>0.273</i>	<i>0.290</i>	<i>0.301</i>	<i>0.284</i>	<i>0.277</i>	0.262	<i>0.274</i>	<i>0.288</i>
Carbon Dioxide (CO₂) Emissions (million metric tons)															
Petroleum	569	577	583	578	556	567	<i>574</i>	<i>576</i>	<i>554</i>	<i>567</i>	<i>579</i>	<i>579</i>	2,307	<i>2,274</i>	<i>2,278</i>
Natural Gas	402	273	286	333	391	300	<i>307</i>	<i>363</i>	<i>421</i>	<i>285</i>	<i>294</i>	<i>362</i>	1,294	<i>1,361</i>	<i>1,361</i>
Coal	474	450	520	423	387	380	<i>484</i>	<i>449</i>	<i>452</i>	<i>427</i>	<i>507</i>	<i>459</i>	1,867	<i>1,701</i>	<i>1,846</i>
Total Fossil Fuels	1,445	1,299	1,389	1,334	1,334	1,248	<i>1,365</i>	<i>1,388</i>	<i>1,427</i>	<i>1,280</i>	<i>1,379</i>	<i>1,400</i>	5,467	<i>5,336</i>	<i>5,485</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.