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

### U.S. Energy Information Administration | Short-Term Energy Outlook - January 2021

<table>
<thead>
<tr>
<th>Year</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>19,011</td>
<td>17,303</td>
<td>18,584</td>
<td>18,830</td>
<td>18,961</td>
<td>19,065</td>
<td>19,292</td>
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<tr>
<td>2021</td>
<td>13,118</td>
<td>11,860</td>
<td>12,916</td>
<td>13,124</td>
<td>13,166</td>
<td>13,296</td>
<td>13,477</td>
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<tr>
<td>2020</td>
<td>581</td>
<td>0.273</td>
<td>8,826</td>
<td>151.3</td>
<td>82.7</td>
<td>3,305</td>
<td>0.225</td>
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<td>2021</td>
<td>13,893</td>
<td>12,916</td>
<td>2,213</td>
<td>92.1</td>
<td>101.0</td>
<td>2.64</td>
<td>110.5</td>
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<tr>
<td>2020</td>
<td>1,180</td>
<td>3,504</td>
<td>0.236</td>
<td>15,515</td>
<td>105.0</td>
<td>102.7</td>
<td>100.4</td>
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<tr>
<td>2021</td>
<td>0.277</td>
<td>207.6</td>
<td>3,421</td>
<td>2,591</td>
<td>433</td>
<td>12,755</td>
<td>77</td>
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<tr>
<td>2022</td>
<td>24,020</td>
<td>113.5</td>
<td>102.0</td>
<td>200.6</td>
<td>4.4</td>
<td>3,327</td>
<td>103.5</td>
</tr>
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<td>2020</td>
<td>1,248</td>
<td>20,146</td>
<td>269</td>
<td>116.3</td>
<td>110.0</td>
<td>105.0</td>
<td>304</td>
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<tr>
<td>2021</td>
<td>352</td>
<td>448</td>
<td>103.3</td>
<td>1,927</td>
<td>18,432</td>
<td>15,375</td>
<td>18,584</td>
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<tr>
<td>2022</td>
<td>3,336</td>
<td>401</td>
<td>113.5</td>
<td>102.0</td>
<td>200.6</td>
<td>4.4</td>
<td>3,327</td>
</tr>
</tbody>
</table>

### Macroeconomic

**Real Gross Domestic Product** (billon chained 2012 dollars - SAAR)

**Real Personal Consumption Expend.** (billon chained 2012 dollars - SAAR)

**Real Private Fixed Investment** (billon chained 2012 dollars - SAAR)

**Business Inventory Change** (billon chained 2012 dollars - SAAR)

**Real Government Expenditures** (billon chained 2012 dollars - SAAR)

**Real Exports of Goods & Services** (billon chained 2012 dollars - SAAR)

**Real Imports of Goods & Services** (billon chained 2012 dollars - SAAR)

**Real Disposable Personal Income** (billon chained 2012 dollars - SAAR)

**Non-Farm Employment** (millions)

**Civilian Unemployment Rate** (percent)

**Housing Starts** (millions - SAAR)

### Industrial Production Indices (Index, 2012=100)

**Total Industrial Production**

**Manufacturing**

**Food**

**Paper**

**Petroleum and Coal Products**

**Chemicals**

**Nonmetallic Mineral Products**

**Primary Metals**

**Coal-Weighted Manufacturing (a)**

**Distillate-Weighted Manufacturing (a)**

**Electricity-Weighted Manufacturing (a)**

**Natural Gas-Weighted Manufacturing (a)**

### Price Indexes

**Consumer Price Index (all urban consumers)**

**Producer Price Index: All Commodities**

**Producer Price Index: Petroleum**

**GDP Implicit Price Deflator**

**Index, 2012=100**

### Miscellaneous

**Vehicle Miles Traveled (b)** (million miles/day)

**Air Travel Capacity** (Available ton-miles/day, thousands)

**Aircraft Utilization** (Revenue ton-miles/day, thousands)

**Airline Ticket Price Index** (index, 1982-1984=100)

**Railway Freight Index** (index, 2012=100)

### Carbon Dioxide (CO2) Emissions (million metric tons)

**Petroleum**

**Natural Gas**

**Coal**

**Total Energy**

### Notes

- (a) Fuel share weights of individual sector indices based on EIA Manufacturing Energy Consumption Survey.
- (b) Total highway travel includes gasoline and diesel fuel vehicles.
- (c) Includes electric power sector use of geothermal energy and non-biomass waste.

### 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.

### Forecasts

EIA Short-Term Integrated Forecasting System. U.S. macroeconomic forecasts are based on the IHS Markit model of the U.S. Economy.