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

#### U.S. Energy Information Administration | Short-Term Energy Outlook - June 2020

<table>
<thead>
<tr>
<th>Year</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>18,927</td>
<td>19,022</td>
<td>19,121</td>
<td>19,222</td>
<td>18,988</td>
<td>16,940</td>
<td>17,175</td>
<td>17,551</td>
</tr>
<tr>
<td>2020</td>
<td>19,073</td>
<td>17,664</td>
<td>18,558</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Macroeconomic**

- **Real Gross Domestic Product**
  - (billion chained 2012 dollars - SAAR) 18,927
  - (billion chained 2012 dollars - SAAR) 13,103
    - Q2 13,250
    - Q3 13,353
    - Q4 13,414
  - Q1 13,153
  - Q2 11,442
  - Q3 11,823
  - Q4 12,259
  - Q1 12,484
  - Q2 12,705
  - Q3 12,887
  - Q4 13,046
  - Q1 13,280
  - Q2 12,169
  - Q3 12,781

- **Real Personal Consumption Expenditures**
  - (billion chained 2012 dollars - SAAR) 13,073
  - (billion chained 2012 dollars - SAAR) 13,103
  - (billion chained 2012 dollars - SAAR) 13,250
  - (billion chained 2012 dollars - SAAR) 13,353
  - (billion chained 2012 dollars - SAAR) 13,414

- **Real Private Fixed Investment**
  - (billion chained 2012 dollars - SAAR) 3,349
  - (billion chained 2012 dollars - SAAR) 3,398
  - (billion chained 2012 dollars - SAAR) 3,498

- **Business Inventory Change**
  - (billion chained 2012 dollars - SAAR) 113
  - (billion chained 2012 dollars - SAAR) 121.1
  - (billion chained 2012 dollars - SAAR) 139.3

- **Real Government Expenditures**
  - (billion chained 2012 dollars - SAAR) 3,297
  - (billion chained 2012 dollars - SAAR) 3,337
  - (billion chained 2012 dollars - SAAR) 3,398

- **Real Exports of Goods & Services**
  - (billion chained 2012 dollars - SAAR) 2,554
  - (billion chained 2012 dollars - SAAR) 2,594
  - (billion chained 2012 dollars - SAAR) 2,634

- **Real Imports of Goods & Services**
  - (billion chained 2012 dollars - SAAR) 4,349
  - (billion chained 2012 dollars - SAAR) 3,948
  - (billion chained 2012 dollars - SAAR) 3,548

- **Real Disposable Personal Income**
  - (billion chained 2012 dollars - SAAR) 14,878
  - (billion chained 2012 dollars - SAAR) 14,934

**Non-Farm Employment**

- **Civilian Unemployment Rate**
  - (percent) 3.9
  - (percent) 3.6

- **Housing Starts**
  - (millions - SAAR) 150.2

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

- **Total Industrial Production**
  - (Index, 2012=100) 109.8

- **Manufacturing**
  - (Index, 2012=100) 106.5

- **Food**
  - (Index, 2012=100) 115.1

- **Paper**
  - (Index, 2012=100) 94.2

- **Petroleum and Coal Products**
  - (Index, 2012=100) 106.3

- **Chemicals**
  - (Index, 2012=100) 101.4

- **Nonmetallic Mineral Products**
  - (Index, 2012=100) 119.7

- **Primary Metals**
  - (Index, 2012=100) 97.9

- **Coal-weighted Manufacturing (a)**
  - (Index, 2012=100) 106.9

- **Distillate-weighted Manufacturing (a)**
  - (Index, 2012=100) 98.5

- **Electricity-weighted Manufacturing (a)**
  - (Index, 2012=100) 106.5

- **Natural Gas-weighted Manufacturing (a)**
  - (Index, 2012=100) 108.7

**Price Indexes**

- **Consumer Price Index (all urban consumers)**
  - (Index, 1982-1984=100) 253

- **Producer Price Index: All Commodities**
  - (Index, 1982-1.00=100) 2.01

- **Producer Price Index: Petroleum**
  - (Index, 1982-1.00=100) 1.81

- **GDP Implicit Price Deflator**
  - (Index, 2012=100) 111.5

**Miscellaneous**

- **Vehicle Miles Traveled (b)**
  - (Million miles/day) 8,295

- **Air Travel Capacity**
  - (Available ton-miles/day, thousands) 643

- **Aircraft Utilization**
  - (Revenue ton-miles/day, thousands) 380

- **Airline Ticket Price Index**
  - (index, 1982-1984=100) 255.7

- **Raw Steel Production**
  - (Million short tons per day) 0.273

- **Carbon Dioxide (CO2) Emissions (million metric tons)**
  - (Petroleum) 575
  - (Natural Gas) 507
  - (Coal) 289
  - Total Energy (c) 1,374

- **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.

Notes:
- 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: EIA Regional Short-Term Energy Model. U.S. macroeconomic projections are based on the IHS Markit model of the U.S. Economy.