U.S. dry natural gas production and consumption

U.S. dry natural gas production
AEO2021 side cases
trillion cubic feet

2020
history projections

U.S. natural gas consumption
AEO2021 side cases
trillion cubic feet

2020
history projections

**Natural gas production and prices**

**U.S. dry natural gas production**
AEO2021 oil and gas supply cases

- **Trillion cubic feet**

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<tr>
<th>Year</th>
<th>Reference case</th>
<th>Low Oil and Gas Supply case</th>
<th>High Oil and Gas Supply case</th>
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<td>2020</td>
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**Natural gas spot price at Henry Hub**
AEO2021 oil and gas supply cases

- **2020**

- **2020**

**History**

- **Projections**

**Source:** U.S. Energy Information Administration, *Annual Energy Outlook 2021* (AEO2021) 
www.eia.gov/aeo

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**U.S. dry natural gas production by type**

**U.S. dry natural gas production by type, AEO2021 oil and gas supply cases**

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- **History**

- **Projections**

**Source:** U.S. Energy Information Administration, *Annual Energy Outlook 2021* (AEO2021) 
www.eia.gov/aeo
U.S. production of natural gas from shale resources

U.S. dry natural gas production from shale resources by region, AEO2021 oil and gas supply cases

Reference case
trillion cubic feet

Low Oil and Gas Supply case
trillion cubic feet

High Oil and Gas Supply case
trillion cubic feet

Southwest
East
Gulf Coast
rest of United States

2010 2020 2030 2040 2050

U.S. production of natural gas from oil formations

U.S. dry natural gas production from oil formations by region, AEO2021 oil and gas supply cases

Reference case
trillion cubic feet

Low Oil and Gas Supply case
trillion cubic feet

High Oil and Gas Supply case
trillion cubic feet

Southwest
Gulf Coast
other

2010 2020 2030 2040 2050

U.S. natural gas consumption by sector

Natural gas consumption by sector, AEO2021 Reference case

- **2020**
  - History
  - Projections

- **2000** to **2050**
  - Billion cubic feet per day

- **Natural gas consumption by sector**
  - Residential
  - Electric power
  - Industrial
  - Liquefaction
  - Lease and plant
  - Other
  - Commercial
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Change in natural gas disposition by sector and net exports

Natural gas disposition by sector and net exports, AEO2021 Reference case

- **2020** to **2050**
  - Trillion cubic feet

- **Change in natural gas disposition and net exports**
  - Relative to 2020 in trillion cubic feet

U.S. natural gas and liquefied natural gas (LNG) trade

U.S. natural gas and LNG trade, AEO2021 oil and gas supply cases

- **Reference case**
  - Trillion cubic feet (Tcf)
  - 2020 projections:
    - LNG exports
    - Pipeline exports to Mexico
    - Pipeline exports to Canada
    - Pipeline imports from Canada
    - LNG imports

- **Low Oil and Gas Supply case**
  - Tcf
  - 2020 projections:
    - LNG exports
    - Pipeline exports to Mexico
    - Pipeline exports to Canada
    - Pipeline imports from Canada
    - LNG imports

- **High Oil and Gas Supply case**
  - Billion cubic feet per day (Bcf/d)
  - 2020 projections:
    - LNG exports
    - Pipeline exports to Mexico
    - Pipeline exports to Canada
    - Pipeline imports from Canada
    - LNG imports


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U.S. liquefied natural gas (LNG) exports and oil and natural gas prices

- **U.S. liquefied natural gas exports**
  - AEO2021 supply and price cases
  - Trillion cubic feet
  - 2020 projections:
    - High Oil Price
    - High Oil and Gas Supply
    - Reference
    - Low Oil and Gas Supply
    - Low Oil Price

- **Ratio of Brent crude oil price to natural gas price at Henry Hub**
  - AEO2021 supply and price cases
  - Energy-equivalent terms