Buildings
Residential and commercial buildings energy consumption

**Building sector energy consumption, OECD**
quadrillion British thermal units

- History
- Projections

**Building sector energy consumption, non-OECD**
quadrillion British thermal units

- History
- Projections

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residential

commercial
Buildings energy use

Buildings delivered energy consumption
quadrillion British thermal units

- History
- Projections
- Non-OECD
- OECD

Residential delivered energy consumption
quadrillion British thermal units

- History
- Projections
- Non-OECD
- OECD

Commercial delivered energy consumption
quadrillion British thermal units

- History
- Projections
- Non-OECD
- OECD
Residential and commercial buildings change in energy use since 2019

Change in buildings energy use by sector and region
quadrillion British thermal units (difference from 2019 values)
Household income by region

**Household income per capita**
thousand 2015 dollars per person, purchasing power parity (PPP)

- OECD Americas
- OECD Average
- OECD Europe
- OECD Asia
- non-OECD Europe
- non-OECD Asia
- non-OECD Average
- non-OECD Americas
- Middle East
- Africa
Residential energy consumption by fuel

Residential sector energy consumption by fuel, OECD
quadrillion British thermal units

2010 2020 2030 2040 2050

Residential sector energy consumption by fuel, non-OECD
quadrillion British thermal units

2010 2020 2030 2040 2050

history projections

history projections

electricity
natural gas
liquid fuels renewables coal
Commercial buildings energy consumption by fuel

Commercial sector energy consumption by fuel, OECD
quadrillion British thermal units

Commercial sector energy consumption by fuel, non-OECD
quadrillion British thermal units

- History
- Projections
- Electricity
- Natural gas
- Liquid fuels
- Coal
- Renewables
Shares of residential and commercial energy consumption by fuel

Buildings sector energy consumption by fuel, OECD
percentage

Buildings sector energy consumption by fuel, non-OECD
percentage

History projections

- renewables
- coal
- liquid fuels
- natural gas
- commercial electricity
- residential electricity

2010  2020  2030  2040  2050

0%  10%  20%  30%  40%  50%  60%  70%  80%  90%  100%
Buildings electricity consumption

Buildings delivered electricity use
quadrillion British thermal units

- Non-OECD
- OECD

Residential delivered electricity use
quadrillion British thermal units

- Non-OECD
- OECD

Commercial delivered electricity use
quadrillion British thermal units

- OECD
- Non-OECD
Residential buildings energy consumption

Residential energy consumption per person, OECD
million British thermal units per person

- OECD
- Canada
- United States
- OECD Europe
- Australia and New Zealand
- South Korea
- Japan
- Mexico and Other Americas

Residential energy consumption per person, non-OECD
million British thermal units per person

- non-OECD
- Russia
- Other Europe and Eurasia
- Middle East
- China
- Other Americas
- Brazil
- Other Asia
- India
- Africa
Commercial buildings energy consumption

Commercial energy consumption per person, OECD
million British thermal units per person

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OECD 2020
OECD 2050
non-OECD 2020
non-OECD 2050
Residential energy use by region

OECD residential energy consumption
quadrillion British thermal units

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Non-OECD residential energy consumption
quadrillion British thermal units

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OECD residential energy consumption
quadrillion British thermal units

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Non-OECD residential energy consumption
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Commercial energy use by region

OECD commercial energy consumption
quadrillion British thermal units

Non-OECD commercial energy consumption
quadrillion British thermal units

Asia
Americas
Europe and Eurasia

China
India
Other Asia
Middle East
Africa
Americas
Europe and Eurasia
OECD energy use by building type

Residential delivered electricity consumption
quadrillion British thermal units

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Commercial delivered electricity consumption
quadrillion British thermal units

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Non-OECD energy use by building type

Residential delivered electricity consumption
quadrillion British thermal units

- Total non-OECD
- All others
- India
- China
- Africa

Commercial delivered electricity consumption
quadrillion British thermal units

- Total non-OECD
- All others
- India
- China
- Africa