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**EIA is continuing normal publication schedules and data collection until further notice.**

[Consumption & Efficiency](#)

## Residential Energy Consumption Survey (RECS)

[2020 RECS Survey Data 2020](#) | [2015](#) | [2009](#) | [2005](#) | [2001](#) | [1997](#) | [1993](#) | [Previous](#)

### Housing characteristics tables

Housing characteristics data were collected in late 2020 and early 2021.

#### Fuels used & end uses

Preliminary release date: May 2022

Final release date: March 2023

by Housing unit type (HC1.1)

[PDF](#) [XLSX](#)

by Owner/renter status (HC1.2)

[PDF](#) [XLSX](#)

by Year of construction (HC1.3)

[PDF](#) [XLSX](#)

by Number of household members (HC1.4)

[PDF](#) [XLSX](#)

by Household income (HC1.5)

[PDF](#) [XLSX](#)

by Climate region (HC1.6)

[PDF](#) [XLSX](#)

in the Northeast and Midwest regions (HC1.7)

[PDF](#) [XLSX](#)

in the South and West regions (HC1.8)

[PDF](#) [XLSX](#)

in U.S. homes by home size (HC1.9)

[PDF](#) [XLSX](#)

#### Structural and geographic characteristics

Preliminary release date: March 2022

Final release date: March 2023

by Housing unit type (HC2.1)

[PDF](#) [XLSX](#)

### Fuels used & end uses

by Owner/renter status (HC2.2)	<a href="#">PDFXLSX</a>
by Year of construction (HC2.3)	<a href="#">PDFXLSX</a>
by Number of household members (HC2.4)	<a href="#">PDFXLSX</a>
by Household income (HC2.5)	<a href="#">PDFXLSX</a>
by Climate region (HC2.6)	<a href="#">PDF XLSX</a>
in the Northeast and Midwest regions (HC2.7)	<a href="#">PDFXLSX</a>
in the South and West regions (HC2.8)	<a href="#">PDFXLSX</a>
of U.S. homes by home size (HC2.9)	<a href="#">PDFXLSX</a>

### Appliances

Preliminary release date: March 2022 Final release date: March 2023	
by Housing unit type (HC3.1)	<a href="#">PDFXLSX</a>
by Owner/renter status (HC3.2)	<a href="#">PDFXLSX</a>
by Year of construction (HC3.3)	<a href="#">PDFXLSX</a>
by Number of household members (HC3.4)	<a href="#">PDFXLSX</a>
by Household income (HC3.5)	<a href="#">PDFXLSX</a>
by Climate region (HC3.6)	<a href="#">PDFXLSX</a>
in the Northeast and Midwest regions (HC3.7)	<a href="#">PDFXLSX</a>
in the South and West regions (HC3.8)	<a href="#">PDFXLSX</a>
in U.S. homes by home size (HC3.9)	<a href="#">PDFXLSX</a>

### Electronics

Preliminary release date: March 2022 Final release date: March 2023	
by Housing unit type (HC4.1)	<a href="#">PDFXLSX</a>
by Owner/renter status (HC4.2)	<a href="#">PDFXLSX</a>
by Year of construction (HC4.3)	<a href="#">PDFXLSX</a>

**Fuels used & end uses**

by Number of household members (HC4.4)	<a href="#">PDFXLSX</a>
by Household income (HC4.5)	<a href="#">PDFXLSX</a>
by Climate region (HC4.6)	<a href="#">PDFXLSX</a>
in the Northeast and Midwest regions (HC4.7)	<a href="#">PDFXLSX</a>
in the South and West regions (HC4.8)	<a href="#">PDFXLSX</a>
in U.S. homes by home size (HC4.9)	<a href="#">PDFXLSX</a>

**Lighting**

Preliminary release date: March 2022 Final release date: March 2023	
by Housing unit type (HC5.1)	<a href="#">PDFXLSX</a>
by Owner/renter status (HC5.2)	<a href="#">PDFXLSX</a>
by Year of construction (HC5.3)	<a href="#">PDFXLSX</a>
by Number of household members (HC5.4)	<a href="#">PDFXLSX</a>
by Household income (HC5.5)	<a href="#">PDFXLSX</a>
by Climate region (HC5.6)	<a href="#">PDFXLSX</a>
in the Northeast and Midwest regions (HC5.7)	<a href="#">PDFXLSX</a>
in the South and West regions (HC5.8)	<a href="#">PDFXLSX</a>
in U.S. homes by home size (HC5.9)	<a href="#">PDFXLSX</a>

**Space heating**

Preliminary release date: May 2022 Final release date: March 2023	
by Housing unit type (HC6.1)	<a href="#">PDF XLSX</a>
by Owner/renter status (HC6.2)	<a href="#">PDF XLSX</a>
by Year of construction (HC6.3)	<a href="#">PDF XLSX</a>
by Number of household members (HC6.4)	<a href="#">PDF XLSX</a>
by Household income (HC6.5)	<a href="#">PDF XLSX</a>

### Fuels used & end uses

by Climate region (HC6.6)	<a href="#">PDF</a> <a href="#">XLSX</a>
in the Northeast and Midwest regions (HC6.7)	<a href="#">PDF</a> <a href="#">XLSX</a>
in the South and West regions (HC6.8)	<a href="#">PDF</a> <a href="#">XLSX</a>
in U.S. homes by home size (HC6.9)	<a href="#">PDF</a> <a href="#">XLSX</a>

### Air conditioning

Preliminary release date: May 2022 Final release date: March 2023	
by Housing unit type (HC7.1)	<a href="#">PDF</a> <a href="#">XLSX</a>
by Owner/renter status (HC7.2)	<a href="#">PDF</a> <a href="#">XLSX</a>
by Year of construction (HC7.3)	<a href="#">PDF</a> <a href="#">XLSX</a>
by Number of household members (HC7.4)	<a href="#">PDF</a> <a href="#">XLSX</a>
by Household income (HC7.5)	<a href="#">PDF</a> <a href="#">XLSX</a>
by Climate region (HC7.6)	<a href="#">PDF</a> <a href="#">XLSX</a>
in the Northeast and Midwest regions (HC7.7)	<a href="#">PDF</a> <a href="#">XLSX</a>
in the South and West regions (HC7.8)	<a href="#">PDF</a> <a href="#">XLSX</a>
in U.S. homes by home size (HC7.9)	<a href="#">PDF</a> <a href="#">XLSX</a>

### Water heating

Preliminary release date: May 2022 Final release date: March 2023	
by Housing unit type (HC8.1)	<a href="#">PDF</a> <a href="#">XLSX</a>
by Owner/renter status (HC8.2)	<a href="#">PDF</a> <a href="#">XLSX</a>
by Year of construction (HC8.3)	<a href="#">PDF</a> <a href="#">XLSX</a>
by Number of household members (HC8.4)	<a href="#">PDF</a> <a href="#">XLSX</a>
by Household income (HC8.5)	<a href="#">PDF</a> <a href="#">XLSX</a>
by Climate region (HC8.6)	<a href="#">PDF</a> <a href="#">XLSX</a>
in the Northeast and Midwest regions (HC8.7)	<a href="#">PDF</a> <a href="#">XLSX</a>

## Fuels used & end uses

in the South and West regions (HC8.8)

[PDF XLSX](#)

in U.S. homes by home size (HC8.9)

[PDF XLSX](#)

## Household demographics

Preliminary release date: March 2022

Final release date: March 2024

Updated tables were posted for Household Demographics in March 2024 to correct the payment method for energy bills rows.

by Housing unit type (HC9.1)

[PDFXLSX](#)

by Owner/renter status (HC9.2)

[PDFXLSX](#)

by Year of construction (HC9.3)

[PDFXLSX](#)

by Number of household members (HC9.4)

[PDFXLSX](#)

by Household income (HC9.5)

[PDFXLSX](#)

by Climate region (HC9.6)

[PDFXLSX](#)

in the Northeast and Midwest regions (HC9.7)

[PDFXLSX](#)

in the South and West regions (HC9.8)

[PDFXLSX](#)

of U.S. homes by home size (HC9.9)

[PDFXLSX](#)

## Square footage (housing unit size)

Release date: March 2023

Total square footage of U.S. homes (HC10.1)

[PDF XLSX](#)

Total square footage of Northeast homes (HC10.2)

[PDF XLSX](#)

Total square footage of Midwest homes (HC10.3)

[PDF XLSX](#)

Total square footage of South homes (HC10.4)

[PDF XLSX](#)

Total square footage of West homes (HC10.5)

[PDF XLSX](#)

Total square footage of single-family homes (HC10.6)

[PDF XLSX](#)

Total square footage of apartment units (HC10.7)

[PDF XLSX](#)

Total square footage of mobile homes (HC10.8)

[PDF XLSX](#)

Average square footage of U.S. homes (HC10.9)

[PDF XLSX](#)

**Fuels used & end uses**

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Average square footage of Northeast homes (HC10.10)	<a href="#">PDF</a> <a href="#">XLSX</a>
Average square footage of Midwest homes (HC10.11)	<a href="#">PDF</a> <a href="#">XLSX</a>
Average square footage of South homes (HC10.12)	<a href="#">PDF</a> <a href="#">XLSX</a>
Average square footage of West homes (HC10.13)	<a href="#">PDF</a> <a href="#">XLSX</a>
Average square footage of single-family homes (HC10.14)	<a href="#">PDF</a> <a href="#">XLSX</a>
Average square footage of apartment units (HC10.15)	<a href="#">PDF</a> <a href="#">XLSX</a>
Average square footage of mobile homes (HC10.16)	<a href="#">PDF</a> <a href="#">XLSX</a>

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**Household energy insecurity**

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Preliminary release date: May 2022  
Final release date: August 2025

Updated tables were posted for Household energy insecurity in August 2025 to correct the payment method for energy bills rows.

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Household energy insecurity (HC11.1)	<a href="#">PDF</a> <a href="#">XLSX</a>
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