Table CE1.1 Summary annual household site consumption and expenditures in the United States—totals and intensities, 2020

Number of	
housing	
units	
(million)	Si

Site energy consumption<sup>a</sup> Energy exp

Energy expenditures <sup>a</sup>	
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	Total U.S. <sup>♭</sup>	Total (trillion Btu)	Per household (million Btu)	Per household member (million Btu)	Per square foot (thousand Btu)	Total (billion dollars)	Per household (dollars)	Per household member (dollars)	Per square foot (dollars)
All homes	123.53	9,481	76.8	31.3	42.2	232.76	1,884	768	1.04
Census region and division									
Northeast	21.92	1,956	89.2	36.8	48.8	49.60	2,263	932	1.24
New England	5.88	528	89.9	36.4	46.6	14.92	2,539	1,028	1.32
Middle Atlantic	16.04	1,428	89.0	36.9	49.7	34.68	2,162	896	1.21
Midwest	27.04	2,619	96.9	40.9	48.3	51.18	1,892	798	0.94
East North Central	18.55	1,823	98.3	41.5	49.1	35.51	1,915	808	0.96
West North Central	8.50	796	93.7	39.5	46.4	15.66	1,844	777	0.91
South	46.84	3,116	66.5	27.2	36.8	86.14	1,839	753	1.02
South Atlantic	24.84	1,584	63.8	26.5	35.0	45.96	1,850	770	1.01
East South Central	7.38	523	70.9	30.3	37.7	13.89	1,882	806	1.00
West South Central	14.62	1,009	69.0	26.9	39.7	26.30	1,799	702	1.03
West	27.72	1,790	64.6	25.0	39.1	45.84	1,653	641	1.00
Mountain	9.22	727	78.9	31.4	42.7	15.24	1,653	658	0.89
Mountain North	4.62	413	89.5	34.9	44.4	6.80	1,474	576	0.73
Mountain South	4.60	314	68.3	27.7	40.6	8.43	1,833	745	1.09
Pacific	18.51	1,063	57.4	22.0	37.0	30.60	1,653	633	1.07
Census urban/rural classification <sup>c</sup>									
Urban	100.44	7,510	74.8	30.3	43.1	180.76	1,800	728	1.04
Urbanized area	89.24	6,649	74.5	29.9	42.9	161.24	1,807	726	1.04
Urban cluster	11.20	861	76.9	33.1	44.9	19.52	1,743	750	1.02
Rural	23.09	1,971	85.4	35.8	39.0	51.99	2,252	945	1.03
Climate region <sup>d</sup>									
Very cold/Cold	42.50	4,044	95.2	39.9	48.0	82.82	1,948	816	0.98
Mixed-humid	36.79	2,830	76.9	31.6	41.3	73.72	2,004	824	1.08
Mixed-dry/Hot-dry	15.06	887	58.9	22.3	37.9	26.07	1,732	654	1.12
Hot-humid	22.31	1,306	58.6	23.6	34.8	39.57	1,774	715	1.05
Marine	6.87	413	60.2	24.1	37.5	10.57	1,540	617	0.96
Housing unit type									
Single-family detached	77.07	7,293	94.6	35.9	41.8	169.90	2,205	836	0.97
Single-family attached	7.45	500	67.1	27.6	41.6	12.32	1,653	681	1.02
Apartments in buildings with 2-4 units	9.34	500	53.5	22.2	54.7	13.14	1,406	585	1.44
Apartments in buildings with 5 or									
more units	22.84	769	33.7	17.9	37.2	25.28	1,107	589	1.22
Mobile homes	6.83	419	61.3	25.3	50.5	12.12	1,773	731	1.46
Ownership of housing unit									
Owned	82.92	7,501	90.5	35.9	41.6	177.03	2,135	847	0.98
Single-family	73.22	6,950	94.9	37.0	41.2	161.09	2,200	857	0.96
Apartments	4.32	218	50.6	25.8	42.5	6.37	1,474	754	1.24
Mobile homes	5.38	333	61.8	26.5	49.4	9.57	1,779	764	1.42
Rented <sup>e</sup>	40.61	1,980	48.8	21.0	44.8	55.72	1,372	591	1.26
Single-family	11.30	843	74.6	25.4	46.8	21.12	1,869	636	1.17
Apartments	27.86	1,051	37.7	18.5	42.6	32.05	1,151	563	1.30
Mobile homes	1.45	86	59.5	21.3	55.1	2.54	1,752	627	1.62

#### Table CE1.1 Summary annual household site consumption and expenditures in the United States—totals and intensities, 2020

Total U.S.*         Total U.S.* <thtotal th="" u.s.*<=""> <thtotal th="" u.s.*<=""></thtotal></thtotal>		Number of housing units								
Per         Possbold         Per         Nousehold         Find         Nousehold         Per         Nousehold           All homes         123.53         9,481         76.8         31.3         42.2         232.75         1,884         76.8           Per construction         Berlore 1950         20.26         1,886         90.6         39.3         51.3         40.63         2,006         689.9           1950 to 1959         12.48         1,058         84.8         35.5         50.1         24.31         1,948         816.0           1950 to 1959         12.46         1,058         66.6         27.7         32.2         24.84         1,844         779.0           1970 to 1979         18.34         1,006         71.2         27.7         43.2         33.27         1,842         775.2           2001 to 2009         16.16         1.248         76.5         22.0         35.9         31.15         1,927         722.2           2010 to 2015         5.53         30.4         3.2         7.44         1.633         633           1001 to 1499         1,268         1,218         7.00         30.9         4.8.4         4.549         1.737           2,0001 0,299		(million)	Site energy co	onsumption <sup>a</sup>			Energy expen			
Ver of construction           Before 1950         20.26         1,836         90.6         30.3         51.3         40.63         2,006         869           1950 to 1959         12.48         1,058         84.8         35.5         50.1         24.31         1,948         815           1960 to 1969         12.76         980         71.2         29.7         43.2         23.37         1,814         779           1990 to 1999         17.16         1.336         77.8         30.3         38.9         33.38         1,946         772           2001 to 2009         16.16         1.26         76.5         29.0         35.9         31.15         1.927         732           2010 to 2015         5.53         360         65.1         24.5         32.5         9.56         1,730         652           2016 to 2020         4.56         284         62.1         24.1         31.2         7.44         1.633         633           Total square footage <sup>1</sup> Less than 1,000         30.01         1.265         42.1         21.2         57.0         36.94         1.831         620         1.721           2,000 1 2,499         1.562         1,473         9.1.7		Total U.S. <sup>b</sup>		household	household member	foot (thousand	Total (billion	household	household member	Per square foot (dollars)
Before 1950         20.26         1,836         90.6         39.3         51.3         40.63         2,006         860           1950 to 1959         12.48         1,058         84.8         35.5         50.1         24.31         1,948         816           1950 to 1959         18.34         1,306         71.2         29.7         43.2         23.37         1,814         779           1990 to 1999         17.16         1,336         77.8         30.3         38.9         33.38         1,946         757           2001 to 2009         16.16         1,226         76.5         20.0         35.9         31.15         1,227         732           2016 to 2020         4.56         284         62.3         24.1         31.2         7.44         1,633         633           Tota square footse <sup>6</sup> 122         1,778         80.0         30.9         46.8         44.39         1,57         737           1,600 to 1,499         28.08         1,733         61.7         25.6         51.1         45.60         1,624         674           1,500 to 1,499         15.2         41.3         31.92         2,427         2,349         851           2,000 to 2,	l homes	123.53	9,481	76.8	31.3	42.2	232.76	1,884	768	1.04
Before 1950         20.26         1,836         90.6         39.3         51.3         40.63         2,006         860           1950 to 1959         12.48         1,058         84.8         35.5         50.1         24.31         1,948         816           1950 to 1959         18.34         1,306         71.2         29.7         43.2         23.37         1,814         779           1990 to 1999         17.16         1,336         77.8         30.3         38.9         33.38         1,946         757           2001 to 2009         16.16         1,226         76.5         20.0         35.9         31.15         1,227         732           2016 to 2020         4.56         284         62.3         24.1         31.2         7.44         1,633         633           Tota square footse <sup>6</sup> 122         1,778         80.0         30.9         46.8         44.39         1,57         737           1,600 to 1,499         28.08         1,733         61.7         25.6         51.1         45.60         1,624         674           1,500 to 1,499         15.2         41.3         31.92         2,427         2,349         851           2,000 to 2,	ear of construction									
1950 1959       12.48       1.058       64.8       35.5       50.1       24.31       1.946       816         1960 to 1969       12.76       980       76.8       32.3       47.0       23.84       1.854       779         1980 to 1989       16.30       1.086       66.6       27.7       39.2       23.81       1.802       749         2000 to 2099       16.16       1.236       77.8       30.3       38.9       33.38       1.946       77.7         2010 to 2015       5.53       360       65.1       24.5       32.5       9.56       1.730       653         2010 to 2015       5.53       360       65.1       24.5       32.5       9.56       1.730       653         2010 to 2020       4.56       24.1       21.2       57.0       3.64       1.633       633          0.00       1.265       42.1       21.2       57.0       3.64       1.644       674         1.500 to 1.999       20.22       1.778       80.0       30.9       46.8       43.49       1.957       757         2.000 to 2.499       1.52       1.430       91.5       52.4       43.5       3.23       44.5	efore 1950	20.26	1,836	90.6	39.3	51.3	40.63	2,006	869	1.14
1970 to 1979       18.34       1.306       71.2       29.7       43.2       33.27       1.814       756         1980 to 1989       16.30       1.086       66.6       27.7       39.2       29.38       1.802       749         2000 to 2009       16.16       1.236       776.5       29.0       35.9       31.15       1.927       732         2010 to 2015       5.53       360       65.1       24.4       31.2       7.44       1.633       633         Total square footage!         Less than 1,000       30.01       1.265       42.1       21.2       57.0       36.94       1.231       620         1,000 to 1,499       28.08       1.733       61.7       25.6       51.1       45.0       1.624       674         1,500 to 1,999       22.22       1.778       80.0       30.9       46.8       43.49       1.957       757         2,000 to 2,499       15.62       1.430       91.5       35.2       41.3       33.92       2.172       836         3,000 or more       17.29       2.03       127.4       44.5       32.3       48.59       2.809       982          1.072       1.628<	950 to 1959	12.48	1,058	84.8	35.5	50.1	24.31	1,948	816	1.15
1980 to 1989       16.30       1.066       66.6       27.7       39.2       29.38       1.802       749         1990 to 1999       17.16       1.336       77.8       30.3       38.9       33.38       1.946       757         2000 to 2005       16.16       1.236       76.5       29.0       35.5       31.15       1.927       732         2010 to 2015       5.53       360       65.1       24.5       32.5       9.56       1.730       652         2016 to 2020       4.56       28.4       62.3       24.1       31.2       7.44       1.633       633         2016 to 2020       4.56       1.64       67.4       67.1       36.94       1.231       620         1.000 to 1.499       28.08       1.733       61.7       2.56       51.1       45.60       1.624       674         2.000 to 2.499       1.562       1.430       91.5       32.2       41.3       33.92       2.172       836         2.000 to 2.499       10.31       1.072       104.0       37.7       38.6       42.22       2.349       851         3.000 or more       17.29       2.03       12.74       4557       1.357       1.357	960 to 1969	12.76			32.3	47.0	23.64		779	1.13
1980 to 1989       16.30       1.066       66.6       27.7       39.2       29.38       1.802       749         1990 to 1999       17.16       1.336       77.8       30.3       38.9       33.38       1.946       757         2010 to 2005       5.53       360       65.1       24.5       32.5       9.56       1.730       652         2016 to 2020       4.56       264       62.3       24.1       31.2       7.44       1.633       633         2016 to 2020       4.56       264       62.1       21.5       57.0       36.94       1.231       620         1.000 to 1.499       28.08       1.733       61.7       2.56       51.1       45.60       1.624       674         2.500 to 2.999       10.31       1.072       10.40       37.7       38.6       24.22       2.349       851         3.000 or more       17.29       2.03       12.74       44.5       32.3       45.57       1.357       1.357         2.000 to 2.999       10.31       1.072       10.40       37.7       38.6       24.22       2.349       851         3.000 or more       17.25       2.000       1.57       1.357       1.357	970 to 1979			71.2	29.7	43.2	33.27		756	1.10
1990 to 1999       17.16       1,336       77.8       30.3       38.9       33.38       1.946       757         2000 to 2009       16.16       1,236       76.5       29.0       35.9       31.15       1.927       732         2010 to 2015       5.53       360       65.1       24.5       32.5       9.56       1,730       652         2015 to 2020       4.56       284       62.3       24.1       31.2       7.44       1.633       633         Total square footage <sup>1</sup> Less than 1,000       30.01       1.255       1.733       61.7       25.6       51.1       45.60       1.624       674         1,000 to 1.499       28.08       1.733       61.7       25.7       36.94       1.231       620         2,000 to 2.999       10.31       1.072       104.0       37.7       38.6       24.22       2.349       851         3,000 or more       17.29       2.03       127.4       44.5       32.3       48.59       2.809       982          1.555       1.443       92.8       24.43       93.4       45.57       1.357       1.357          1.62.7										1.06
2000 to 2009         16.16         1,236         76.5         29.0         35.9         31.15         1,927         732           2010 to 2015         5.53         360         65.1         24.5         32.5         9.56         1,730         652           2016 to 2020         4.56         284         62.3         24.1         31.2         7.44         1,633         633           Total square footage <sup>1</sup> 57.0         36.94         1,231         620           1,000 to 1,499         28.08         1,733         61.7         25.6         51.1         45.0         1,624         674           1,500 to 1,299         2.22         1,778         80.0         30.9         46.8         43.49         1,957         757           2,000 to 2,999         10.31         1,072         104.0         37.7         38.6         24.22         2,349         851           3,000 or more         7.29         2,201         127.4         44.5         32.3         48.57         1,357         1,357           3 members         35.51         1,845         54.9         54.9         39.4         45.57         1,357         1,357           3 members         16.27<										0.97
2010 to 2015         5.53         360         65.1         24.5         32.5         9.56         1,730         652           2016 to 2020         4.56         284         62.3         24.1         31.2         7.44         1,633         633           Total square footage <sup>f</sup> Less than 1,000         30.01         1,265         42.1         21.2         57.0         36.634         1,231         620           1,500 to 1,499         28.08         1,733         61.7         25.6         51.1         45.60         1,624         674           1,500 to 2,999         10.31         1,072         104.0         37.7         38.6         24.22         2,349         851           3,000 or more         17.29         2,023         127.4         44.5         32.3         48.59         2,809         982           Number of household members           1         members         33.59         1,845         54.9         39.4         45.57         1,357         1,357           2         1,581         86.6         28.9         44.4         39.46         2,160         720           2         7.90         45.1         15.55										0.90
2016 to 2020         4,56         284         62.3         24.1         31.2         7.44         1,633         633           Total square footage'           Less than 1,000         30.01         1,265         42.1         21.2         57.0         36.94         1,231         620           1,000 to 1,999         22.02         1,778         80.0         30.9         46.8         43.49         1,957         757           2,000 to 2,499         15.62         1,430         91.5         32.2         44.5         32.3         48.59         2,809         982           Number of household members         17.29         2,203         127.4         44.5         32.3         48.59         2,809         982           Number of household members         1         2         7.44         45.57         1,357         1,357         1,357           2 members         35.59         1,845         54.9         54.9         39.4         45.57         1,357         1,357           3 members         18.27         1,581         86.6         28.9         44.4         39.46         2,160         720           4 members         4.37         446         102.2         15.0										0.86
Total square footage"           Less than 1,000         30.01         1,265         42.1         21.2         57.0         36.94         1,231         620           1,000 to 1,499         28.08         1,733         61.7         25.6         51.1         45.60         1,624         674           1,500 to 1,999         22.22         1,778         80.0         30.9         46.8         43.49         1,957         757           2,000 to 2,499         15.62         1,430         91.5         52.2         41.3         33.92         2,172         886           3,000 or more         17.29         2,203         127.4         44.5         32.3         48.59         2,809         982           Number of household members         15.55         1,845         54.9         54.9         39.4         45.57         1,357         1,357           2 members         15.56         1,443         92.2         44.3         35.24         2,265         566           5 members         6.44         611         94.9         19.0         45.1         15.25         2,368         474           6 or more members         4.37         446         102.2         15.0         49.1										0.82
Less than 1,000       30.01       1,265       42.1       21.2       57.0       36.94       1,231       620         1,000 to 1,499       28.08       1,733       61.7       25.6       51.1       45.60       1,624       674         1,500 to 2,499       22.22       1,778       80.0       30.9       46.8       43.49       1,957       757         2,000 to 2,999       10.31       1,072       104.0       37.7       38.6       24.22       2,349       851         3,000 or more       17.29       2,203       127.4       44.5       32.3       48.59       2,809       982         Number of household members       1       1.445       54.9       54.9       39.4       45.57       1,357       1,357         2 members       15.56       1,443       92.8       23.2       44.3       39.46       2,160       720         3 members       18.27       1,581       86.6       28.9       44.4       39.46       2,160       720         4 members       15.56       1,443       92.8       23.2       44.3       35.24       2,368       474         6 or more members       4.37       446       102.2       15.0	<i>_</i>		204	02.3				1,000		0.02
1,000 to 1,499       28.08       1,733       61.7       25.6       51.1       45.60       1,624       674         1,500 to 1,999       22.22       1,778       80.0       30.9       46.8       43.49       1,557       757         2,000 to 2,499       15.62       1,430       91.5       35.2       41.3       33.92       2,172       83.6         2,000 to 7,999       10.31       1,072       104.0       37.7       38.6       24.22       2,349       851         3,000 or more       17.29       2,203       127.4       44.5       32.3       48.59       2,809       982         Number of household members         1 member       33.59       1,845       54.9       54.9       39.4       45.57       1,357       1,257         2 members       18.27       1,581       86.6       28.9       44.4       39.46       2,160       720         4 members       6.44       611       94.9       19.0       45.1       15.25       2,368       474         6 or more members       4.37       446       102       15.0       49.1       11.07       2,353       372          10.12       208<		20.01	4 205	12.1	24.2	57.0	26.04	4 224	(20	1.00
1,500 to 1,999       22.22       1,778       80.0       30.9       46.8       43.49       1,957       757         2,000 to 2,499       15.62       1,430       91.5       35.2       41.3       33.92       2,172       836         2,500 to 2,499       10.31       1,072       104.0       37.7       38.6       24.22       2,349       851         3,000 or more       17.29       2,203       127.4       44.5       32.3       48.59       2,809       982         Number of household members       1       members       33.59       1,845       54.9       54.9       39.4       45.57       1,357       1,357         1 members       18.27       1,581       86.6       28.9       44.4       39.46       2,160       720         4 members       15.56       1,443       92.8       23.2       44.3       35.24       2,265       566         5 members       6.44       611       94.9       19.0       45.1       15.25       2,368       474         6 or more members       4.37       446       102.2       15.0       49.1       11.07       2,535       372         2020 annual household income       1       12.0 <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.66</td>	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·							1.66
2,000 to 2,499       15.62       1,430       91.5       35.2       41.3       33.92       2,172       836         2,500 to 2,999       10.31       1,072       104.0       37.7       38.6       24.22       2,349       851         3,000 or more       17.29       2,203       127.4       44.5       32.3       48.59       2,809       982         Number of household members         1       member       33.59       1,845       54.9       54.9       39.4       45.57       1,357       1,357         2 members       45.31       3,554       78.4       39.2       40.9       86.16       1,901       951         3 members       18.27       1,581       86.6       28.9       44.4       39.46       2,160       720         4 members       15.56       1,443       92.8       23.2       44.3       35.24       2,265       566         5 members       6.34       611       94.9       19.0       45.1       15.52       2,368       472         6 or more members       4.37       446       102.2       15.0       49.1       11.07       2,535       372          14.98										1.34
2,500 to 2,99910.311,072104.037.738.624.222,3498513,000 or more17.292,203127.444.532.348.592,809982Number of household members1 member33.591,84554.954.939.445.571,3571,3572 members45.313,55478.439.240.986.161,9019513 members18.271,58186.628.944.439.462,1607204 members15.561,44392.823.244.335.242,2655665 members6.4461194.919.045.115.252,3684746 or more members4.37446102.215.049.111.072,5353722020 annual household incomeLess than 55,0004.4825356.521.749.56.771,51258055,000 to \$9,9994.0120851.923.948.25.531,379636\$10,000 to \$19,99910.2558857.428.944.514.981,462735\$20,000 to \$39,99924.071,56865.129.744.738.841,614735\$20,000 to \$19,99927.712,17878.631.142.153.341,925763\$10,000 to \$149,99916.541,46288.432.440.335.512,147<										1.14
3,000 or more       17.29       2,203       127.4       44.5       32.3       48.59       2,809       982         Number of household members         1 member       33.59       1,845       54.9       54.9       39.4       45.57       1,357       1,357         2 members       45.31       3,554       78.4       39.2       40.9       86.16       1,901       951         3 members       18.27       1,581       86.6       28.9       44.4       39.46       2,160       720         4 members       15.56       1,443       92.8       23.2       44.3       35.24       2,265       5666         5 members       4.37       446       102.2       15.0       49.1       11.07       2,535       372         2020 annual household income       Less than \$5,000       4.48       253       56.5       21.7       49.5       6.77       1,512       580         \$5,000 to \$9,999       4.01       20.8       51.9       29.9       44.2       14.98       1,462       735         \$20,000 to \$39,999       24.07       1,586       51.1       29.7       44.7       38.84       1,614       735         \$40,000 to \$39,999										0.98
Number of household members           Number         33.59         1.845         54.9         39.4         45.57         1.357         1.357           2 members         45.31         3,554         78.4         39.2         40.9         86.16         1.901         951           3 members         18.27         1,581         86.6         28.9         44.4         39.46         2,160         720           4 members         15.56         1,443         92.8         23.2         44.3         35.24         2,265         566           5 members         6.44         611         94.9         19.0         45.1         15.25         2,368         474           6 or more members         4.37         446         102.2         15.0         49.1         11.07         2,535         372           Less than \$5,000         4.48         253         56.5         21.7         49.5         6.77         1,512         580           \$5,000 to \$9,999         4.01         208         51.9         23.9         44.2         55.3         1,379         636           \$20,000 to \$9,999         10.61         1,372         70.0         30.3         42.0         33										0.87
1 member       33.59       1,845       54.9       54.9       39.4       45.57       1,357       1,357         2 members       45.31       3,554       78.4       39.2       40.9       86.16       1,901       951         3 members       18.27       1,581       86.6       28.9       44.4       39.46       2,160       720         4 members       15.56       1,443       92.8       23.2       44.3       35.24       2,265       566         5 members       6.44       611       94.9       19.0       45.1       15.25       2,358       474         6 or more members       4.37       446       102.2       15.0       49.1       11.07       2,535       372         2020 annual household income         Less than \$5,000       4.48       253       56.5       21.7       49.5       6.77       1,512       580         \$50,000 to \$19,999       4.01       208       51.9       23.9       48.2       5.53       1,379       636         \$40,000 to \$19,999       10.25       588       57.4       28.9       44.5       14.98       1,462       735         \$40,000 to \$39,999       24.07       1,5	000 or more	17.29	2,203	127.4	44.5	32.3	48.59	2,809	982	0.71
2 members       45.31       3,554       78.4       39.2       40.9       86.16       1,901       951         3 members       18.27       1,581       86.6       28.9       44.4       39.46       2,160       720         4 members       15.56       1,443       92.8       23.2       44.3       35.24       2,265       566         5 members       6.44       611       94.9       19.0       45.1       15.25       2,368       474         6 or more members       4.37       446       102.2       15.0       49.1       11.07       2,535       372         2020 annual household income       Less than 55,000       4.48       253       56.5       21.7       49.5       6.77       1,512       580         \$5,000 to \$9,999       4.01       208       51.9       23.9       48.2       5.53       1,379       636         \$10,000 to \$19,999       10.25       588       57.4       28.9       44.5       14.98       1,462       735         \$40,000 to \$39,999       19.61       1,372       70.0       30.3       42.0       33.80       1,774       747         \$60,000 to \$499,999       16.54       1,462       88.4 </td <td>umber of household members</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	umber of household members									
3 members       18.27       1,581       86.6       28.9       44.4       39.46       2,160       720         4 members       15.56       1,443       92.8       23.2       44.3       35.24       2,265       566         5 members       6.44       611       94.9       19.0       45.1       15.25       2,368       474         6 or more members       4.37       446       102.2       15.0       49.1       11.07       2,535       372         2020 annual household income         Less than 55,000       4.48       253       56.5       21.7       49.5       6.77       1,512       580         \$5,000 to \$9,999       4.01       208       51.9       23.9       48.2       5.53       1,379       636         \$20,000 to \$39,999       10.25       588       57.4       28.9       44.5       14.98       1,462       735         \$40,000 to \$39,999       10.61       1,372       70.0       30.3       42.0       33.80       1,724       747         \$60,000 to \$49,999       16.54       1,462       88.4       32.4       40.3       35.51       2,147       786         \$100,000 to \$149,999       16.54 </td <td>member</td> <td>33.59</td> <td>1,845</td> <td>54.9</td> <td>54.9</td> <td>39.4</td> <td>45.57</td> <td>1,357</td> <td>1,357</td> <td>0.97</td>	member	33.59	1,845	54.9	54.9	39.4	45.57	1,357	1,357	0.97
4 members15.561,44392.823.244.335.242,2655665 members6.4461194.919.045.115.252,3684746 or more members4.37446102.215.049.111.072,5353722020 annual household incomeLess than \$5,0004.4825356.521.749.56.771,512580\$5,000 to \$9,9994.0120851.923.948.25.531,379636\$10,000 to \$19,99910.2558857.428.944.514.981,462735\$20,000 to \$39,99924.071,56865.129.744.738.841,614735\$40,000 to \$59,99919.611,37270.030.342.033.801,724747\$60,000 to \$59,99927.712,17878.631.142.153.341,925763\$100,000 to \$149,99916.541,46288.432.440.335.512,147786\$150,000 or more16.861,852109.837.640.143.982,608893Payment method for energy billsAll pid by household, someincluded in rent or condo fee6.3230247.723.248.58.731,380672All included in rent or condo fee6.3230247.723.248.58.731,380672All included in rent or	members	45.31	3,554	78.4	39.2	40.9	86.16	1,901	951	0.99
5 members         6.44         611         94.9         19.0         45.1         15.25         2,368         474           6 or more members         4.37         446         102.2         15.0         49.1         11.07         2,535         372           2020 annual household income         U         U         11.07         2,535         372           2020 annual household income         U         U         23.9         48.2         5.53         1,379         636           \$5,000 to \$9,999         4.01         208         51.9         23.9         48.2         5.53         1,379         636           \$10,000 to \$19,999         10.25         588         57.4         28.9         44.5         14.98         1,462         735           \$20,000 to \$39,999         24.07         1,568         65.1         29.7         44.7         38.84         1,614         735           \$40,000 to \$199,999         27.71         2,178         78.6         31.1         42.1         53.34         1,925         763           \$100,000 to \$149,999         16.54         1,462         88.4         32.4         40.3         35.51         2,147         786           \$150,000 or more	members	18.27	1,581	86.6	28.9	44.4	39.46	2,160	720	1.11
6 or more members       4.37       446       102.2       15.0       49.1       11.07       2,535       372         2020 annual household income       Less than \$5,000       4.48       253       56.5       21.7       49.5       6.77       1,512       580         \$5,000 to \$9,999       4.01       208       51.9       23.9       48.2       5.53       1,379       636         \$10,000 to \$39,999       24.07       1,568       65.1       29.7       44.7       38.84       1,614       735         \$20,000 to \$39,999       27.71       2,178       78.6       31.1       42.1       53.34       1,925       763         \$10,000 to \$149,999       16.54       1,462       88.4       32.4       40.3       35.51       2,147       786         \$100,000 to \$149,999       16.54       1,462       88.4       32.4       40.3       35.51       2,147       786         \$150,000 or more       16.86       1,852       109.8       37.6       40.1       43.98       2,608       893         Payment method for energy bills       112.70       8,982       79.7       31.9       42.0       218.40       1,938       775         Some paid by household, s	members	15.56	1,443	92.8	23.2	44.3	35.24	2,265	566	1.08
2020 annual household income           Less than \$5,000         4.48         253         56.5         21.7         49.5         6.77         1,512         580           \$5,000 to \$9,999         4.01         208         51.9         23.9         48.2         5.53         1,379         636           \$10,000 to \$19,999         10.25         588         57.4         28.9         44.5         14.98         1,462         735           \$20,000 to \$39,999         24.07         1,568         65.1         29.7         44.7         38.84         1,614         735           \$40,000 to \$39,999         27.71         2,178         78.6         31.1         42.1         53.34         1,925         763           \$100,000 to \$149,999         16.54         1,462         88.4         32.4         40.3         35.51         2,147         786           \$150,000 or more         16.86         1,852         109.8         37.6         40.1         43.98         2,608         893           Payment method for energy bills         20         218.40         1,938         775           Some paid by household         112.70         8,982         79.7         31.9         42.0         218.40	members	6.44	611	94.9	19.0	45.1	15.25	2,368	474	1.13
Less than \$5,0004.4825356.521.749.56.771,512580\$5,000 to \$9,9994.0120851.923.948.25.531,379636\$10,000 to \$19,99910.2558857.428.944.514.981,462735\$20,000 to \$39,99924.071,56865.129.744.738.841,614735\$40,000 to \$59,99919.611,37270.030.342.033.801,724747\$60,000 to \$49,99927.712,17878.631.142.153.341,925763\$100,000 to \$149,99916.541,46288.432.440.335.512,147786\$100,000 to \$149,99916.541,46288.432.440.143.982,608893Payment method for energy billsAll paid by household112.708,98279.731.942.0218.401,938775Some paid by household, someincluded in rent or condo fee6.3230247.723.248.58.731,380672All included in rent or condo fee4.3418342.222.443.85.361,235656Some other method0.161487.842.061.80.261,646787Main heating fuelIncluded in rent or condo fee4.3418342.220.731.670.131,647697	or more members	4.37	446	102.2	15.0	49.1	11.07	2,535	372	1.22
\$5,000 to \$9,9994.0120851.923.948.25.531,379636\$10,000 to \$19,99910.2558857.428.944.514.981,462735\$20,000 to \$39,99924.071,56865.129.744.738.841,614735\$40,000 to \$59,99919.611,37270.030.342.033.801,724747\$60,000 to \$149,99927.712,17878.631.142.153.341,925763\$100,000 to \$149,99916.541,46288.432.440.335.512,147786\$100,000 ro more16.861,852109.837.640.143.982,608893Payment method for energy billsAll paid by household112.708,98279.731.942.0218.401,938775Some paid by household, someincluded in rent or condo fee6.3230247.723.248.58.731,380672All included in rent or condo fee4.3418342.222.443.85.361,235656Some other method0.161487.842.061.80.261,646787Main heating fuelNatural gas62.715,99695.638.148.2122.401,952777Electricity42.572,08148.920.731.670.131,647697	)20 annual household income									
\$10,000 to \$19,99910.2558857.428.944.514.981,462735\$20,000 to \$39,99924.071,56865.129.744.738.841,614735\$40,000 to \$59,99919.611,37270.030.342.033.801,724747\$60,000 to \$99,99927.712,17878.631.142.153.341,925763\$100,000 to \$149,99916.541,46288.432.440.335.512,147786\$150,000 or more16.861,852109.837.640.143.982,608893Payment method for energy billsAll paid by household, some112.708,98279.731.942.0218.401,938775Some paid by household, someincluded in rent or condo fee6.3230247.723.248.58.731,380672All included in rent or condo fee0.161487.842.061.80.261,646787Main heating fuelNatural gas62.715,99695.638.148.2122.401,952777Electricity42.572,08148.920.731.670.131,647697	ess than \$5,000	4.48	253	56.5	21.7	49.5	6.77	1,512	580	1.33
\$20,000 to \$39,99924.071,56865.129.744.738.841,614735\$40,000 to \$59,99919.611,37270.030.342.033.801,724747\$60,000 to \$99,99927.712,17878.631.142.153.341,925763\$100,000 to \$149,99916.541,46288.432.440.335.512,147786\$150,000 or more16.861,852109.837.640.143.982,608893Payment method for energy billsAll paid by household112.708,98279.731.942.0218.401,938775Some paid by household, someincluded in rent or condo fee6.3230247.723.248.58.731,380672All included in rent or condo fee4.3418342.222.443.85.361,235656Some other method0.161487.842.061.80.261,646787Main heating fuelIncluded and the state of the	ة,000 to \$9,999	4.01	208	51.9	23.9	48.2	5.53	1,379	636	1.28
\$20,000 to \$39,99924.071,56865.129.744.738.841,614735\$40,000 to \$59,99919.611,37270.030.342.033.801,724747\$60,000 to \$99,99927.712,17878.631.142.153.341,925763\$100,000 to \$149,99916.541,46288.432.440.335.512,147786\$150,000 or more16.861,852109.837.640.143.982,608893Payment method for energy billsAll paid by household112.708,98279.731.942.0218.401,938775Some paid by household, someincluded in rent or condo fee6.3230247.723.248.58.731,380672All included in rent or condo fee4.3418342.222.443.85.361,235656Some other method0.161487.842.061.80.261,646787Main heating fuelIncluded and the state of the	10,000 to \$19,999	10.25	588	57.4	28.9	44.5	14.98	1,462	735	1.13
\$40,000 to \$59,99919.611,37270.030.342.033.801,724747\$60,000 to \$99,99927.712,17878.631.142.153.341,925763\$100,000 to \$149,99916.541,46288.432.440.335.512,147786\$150,000 or more16.861,852109.837.640.143.982,608893Payment method for energy billsAll paid by household112.708,98279.731.942.0218.401,938775Some paid by household, someincluded in rent or condo fee6.3230247.723.248.58.731,380672All included in rent or condo fee4.3418342.222.443.85.361,235656Some other method0.161487.842.061.80.261,646787Main heating fuelIncluded and the state of the										1.11
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\$100,000 to \$149,99916.541,46288.432.440.335.512,147786\$150,000 or more16.861,852109.837.640.143.982,608893Payment method for energy billsAll paid by household112.708,98279.731.942.0218.401,938775Some paid by household, some										1.03
\$150,000 or more       16.86       1,852       109.8       37.6       40.1       43.98       2,608       893         Payment method for energy bills         All paid by household       112.70       8,982       79.7       31.9       42.0       218.40       1,938       775         Some paid by household, some       included in rent or condo fee       6.32       302       47.7       23.2       48.5       8.73       1,380       672         All included in rent or condo fee       4.34       183       42.2       22.4       43.8       5.36       1,235       656         Some other method       0.16       14       87.8       42.0       61.8       0.26       1,646       787         Main heating fuel       Natural gas       62.71       5,996       95.6       38.1       48.2       122.40       1,952       777         Electricity       42.57       2,081       48.9       20.7       31.6       70.13       1,647       697										0.98
All paid by household       112.70       8,982       79.7       31.9       42.0       218.40       1,938       775         Some paid by household, some       included in rent or condo fee       6.32       302       47.7       23.2       48.5       8.73       1,380       672         All included in rent or condo fee       4.34       183       42.2       22.4       43.8       5.36       1,235       656         Some other method       0.16       14       87.8       42.0       61.8       0.26       1,646       787         Main heating fuel       Natural gas       62.71       5,996       95.6       38.1       48.2       122.40       1,952       777         Electricity       42.57       2,081       48.9       20.7       31.6       70.13       1,647       697										0.95
All paid by household       112.70       8,982       79.7       31.9       42.0       218.40       1,938       775         Some paid by household, some       included in rent or condo fee       6.32       302       47.7       23.2       48.5       8.73       1,380       672         All included in rent or condo fee       4.34       183       42.2       22.4       43.8       5.36       1,235       656         Some other method       0.16       14       87.8       42.0       61.8       0.26       1,646       787         Main heating fuel       Natural gas       62.71       5,996       95.6       38.1       48.2       122.40       1,952       777         Electricity       42.57       2,081       48.9       20.7       31.6       70.13       1,647       697	ayment method for energy bills									
included in rent or condo fee6.3230247.723.248.58.731,380672All included in rent or condo fee4.3418342.222.443.85.361,235656Some other method0.161487.842.061.80.261,646787Main heating fuelNatural gas62.715,99695.638.148.2122.401,952777Electricity42.572,08148.920.731.670.131,647697		112.70	8,982	79.7	31.9	42.0	218.40	1,938	775	1.02
included in rent or condo fee6.3230247.723.248.58.731,380672All included in rent or condo fee4.3418342.222.443.85.361,235656Some other method0.161487.842.061.80.261,646787Main heating fuelNatural gas62.715,99695.638.148.2122.401,952777Electricity42.572,08148.920.731.670.131,647697	me paid by household, some									
Some other method         0.16         14         87.8         42.0         61.8         0.26         1,646         787           Main heating fuel         Natural gas         62.71         5,996         95.6         38.1         48.2         122.40         1,952         777           Electricity         42.57         2,081         48.9         20.7         31.6         70.13         1,647         697		6.32	302	47.7	23.2	48.5	8.73	1,380	672	1.40
Main heating fuel           Natural gas         62.71         5,996         95.6         38.1         48.2         122.40         1,952         777           Electricity         42.57         2,081         48.9         20.7         31.6         70.13         1,647         697	l included in rent or condo fee	4.34	183	42.2	22.4	43.8	5.36	1,235	656	1.28
Natural gas         62.71         5,996         95.6         38.1         48.2         122.40         1,952         777           Electricity         42.57         2,081         48.9         20.7         31.6         70.13         1,647         697	me other method	0.16	14	87.8	42.0	61.8	0.26	1,646	787	1.16
Electricity         42.57         2,081         48.9         20.7         31.6         70.13         1,647         697	ain heating fuel									
	atural gas	62.71	5,996	95.6	38.1	48.2	122.40	1,952	777	0.98
	ectricity	42.57	2,081	48.9	20.7	31.6	70.13	1,647	697	1.06
Fuel oil or kerosene         4.93         54/         110.8         46.1         51.5         14.51         2,941         1,222	uel oil or kerosene	4.93			46.1	51.5		2,941	1,222	1.37
Propane 5.21 512 98.2 41.3 43.7 13.94 2,675 1,123										1.19
Wood 2.25 115 50.9 20.3 25.6 3.77 1,676 669										0.84
Some other fuel <sup>g</sup> Q Q Q Q Q Q Q Q										Q

#### Table CE1.1 Summary annual household site consumption and expenditures in the United States—totals and intensities, 2020

	Number of housing units (million) Total U.S. <sup>t</sup>	housing units				Energy expend	ditures <sup>a</sup>		
		Total (trillion Btu)		member	Per square foot (thousand Btu)	Total (billion	Per household (dollars)	Per household member (dollars)	Per square foot (dollars)
All homes	123.53	9,481	76.8	31.3	42.2	232.76	1,884	768	1.04
Does not use heating equipment	5.79	229	39.5	15.1	31.1	7.94	1,371	522	1.08

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Forms EIA-457A, D, E, F, & G of the 2020 Residential Energy Consumption Survey

Notes: Because of rounding, data may not sum to totals. See RECS Terminology for definition of terms used in these tables. Btu = British thermal units

<sup>a</sup> Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

<sup>b</sup> Total U.S. includes all primary occupied housing units in the 50 states and the District of Columbia. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

<sup>c</sup> Housing units are classified using criteria created by the U.S. Census Bureau based on 2010 Census data. Urbanized areas are densely settled groupings of blocks or tracts with 50,000 or more people, while urban clusters have at least 2,500 but less than 50,000 people. All other areas are rural.

<sup>d</sup> The Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE), created these climate regions. We combined climate regions for this publication. The Subarctic region is included with data for Very-cold/Cold .

<sup>e</sup> Rented includes households that occupy their primary housing units without paying rent.

<sup>f</sup> Total square footage includes all basements, finished or conditioned (heated or cooled) areas of attics, and conditioned garage space that is attached to the home. Unconditioned and unfinished areas in attics and attached garages are excluded. The square footage of the home is based on respondent reports. Previous RECS cycles calculated square footage based on interviewer measurements. For households that did not report an exact square footage estimate, the square footage of the home was imputed based on a reported square footage range and/or characteristics of the home. See 2020 RECS Square Footage Methodology for full details about data collection and processing.

<sup>g</sup> Some other fuel includes coal and district steam.

Q = Data withheld because either the relative standard error (RSE) was greater than 50% or fewer than 10 households in reporting sample.

N = No households in reporting sample.

## Relative standard errors (RSEs) for Table CE1.1 Summary annual household site consumption and expenditures in the United States—totals and intensities, 2020

	RSEs for number of housing								
	units Total U.S. <sup>b</sup>	RSEs for site e Total	nergy consum Per household	ption <sup>®</sup> Per household member	Per square foot	SEs for energ Total	gy expenditure Per household	Per Per household member	Per square foot
All homes	0.00	0.40	0.40	0.57	0.43	0.35	0.35	0.55	0.45
Census region and division									
Northeast	0.00	0.78	0.78	0.93	0.84	0.88	0.88	1.13	0.99
New England	0.00	1.34	1.34	1.61	1.44	1.25	1.25	1.63	1.32
Middle Atlantic	0.00	1.07	1.07	1.24	1.11	1.26	1.26	1.56	1.28
Midwest	0.00	0.90	0.90	1.22	0.83	0.75	0.75	1.07	0.75
East North Central	0.00	1.13	1.13	1.50	0.99	1.00	1.00	1.28	1.03
West North Central	0.00	1.29	1.29	1.98	1.33	0.94	0.94	1.70	1.13
South	0.00	0.65	0.65	0.91	0.67	0.59	0.59	0.93	0.72
South Atlantic	0.00	1.02	1.02	1.34	0.97	0.89	0.89	1.36	1.00
East South Central	0.00	1.54	1.54	1.92	1.66	1.11	1.11	1.53	1.50
West South Central	0.00	1.22	1.22	1.57	1.22	1.04	1.04	1.45	1.34
West	0.00	0.74	0.74	1.11	0.75	0.86	0.86	1.19	0.94
Mountain	0.00	1.03	1.03	1.68	1.03	1.12	1.12	1.77	1.36
Mountain North	0.00	1.40	1.40	2.45	1.58	1.53	1.53	2.48	1.77
Mountain South	0.00	1.70	1.70	2.01	1.49	1.65	1.65	2.10	1.67
Pacific	0.00	1.09	1.09	1.44	1.14	1.13	1.13	1.48	1.26
Census urban/rural classification <sup>c</sup>									
Urban	0.28	0.60	0.48	0.68	0.50	0.53	0.43	0.63	0.52
Urbanized area	0.42		0.49	0.75	0.50	0.61	0.45	0.71	0.52
Urban cluster	2.74		1.53	1.92	1.59	2.99	1.24	1.47	1.41
Rural	1.23		0.94	1.25	0.97	1.37	0.75	1.15	0.91
Climate region <sup>d</sup>									
Very cold/Cold	0.54		0.62	0.79	0.62	0.69	0.54	0.70	0.67
Mixed-humid	0.77		0.78	1.03	0.66	1.12	0.74	1.06	0.75
Mixed-dry/Hot-dry	1.23		1.24	1.72	1.22	1.70	1.40	1.91	1.52
Hot-humid	0.69		1.07	1.32	1.10	1.35	1.04	1.33	1.20
Marine	2.39	2.62	2.16	2.70	1.86	2.81	1.96	2.61	1.56
Housing unit type									
Single-family detached	0.00	0.45	0.45	0.61	0.52	0.42	0.42	0.55	0.58
Single-family attached	0.00	1.67	1.67	2.10	1.73	1.35	1.35	1.71	1.41
Apartments in buildings with 2–4 units	s 0.00	2.20	2.20	2.70	2.26	1.72	1.72	2.35	2.09
Apartments in buildings with 5 or	5 0.00	2.20	2.20	2.70	2.20	1.72	1.72	2.35	2.09
more units	0.00	1.22	1.22	1.24	1.11	1.24	1.24	1.54	1.31
Mobile homes	0.00		1.58	2.59	1.64	1.48	1.48	2.43	1.51
Ownership of housing unit	0.42	0.50	0.40	0.62	0.54	0.50		0.50	0.50
Owned	0.42		0.49	0.63	0.51	0.58	0.44	0.56	0.59
Single-family	0.36		0.52	0.63	0.51	0.53	0.46	0.53	0.56
Apartments	4.13		4.49	3.99	4.18	6.12	4.10	3.80	3.79
Mobile homes	2.05		1.71	3.08	2.11	2.82	1.57	2.94	1.96
Rented <sup>e</sup>	0.86		0.98	1.22	0.93	1.35	0.87	1.22	0.86
Single-family	2.35		1.37	1.66	1.63	2.83	1.19	1.56	1.46
Apartments	0.64		1.16	1.56	1.18	1.26	1.07	1.57	1.16
Mobile homes	7.62	7.67	4.35	5.02	3.86	7.76	3.89	4.65	4.00

# Relative standard errors (RSEs) for Table CE1.1 Summary annual household site consumption and expenditures in the United States—totals and intensities, 2020

	RSEs for number of housing			a				a	
	units Total U.S. <sup>b</sup>	RSEs for site e Total	Per household	Per household member	Per square foot	Total	gy expenditure Per household	Per household member	Per square foot
All homes	0.00	0.40	0.40	0.57	0.43	0.35	0.35	0.55	0.45
Year of construction									
Before 1950	0.00	1.35	1.35	1.63	1.24	1.12	1.12	1.46	1.26
1950 to 1959	0.00	1.48	1.48	1.80	1.52	1.53	1.53	1.82	1.62
1960 to 1969	0.00	1.56	1.56	2.06	1.46	1.52	1.52	1.67	1.68
1970 to 1979	0.00	1.34	1.34	1.32	1.04	1.13	1.13	1.07	1.23
1980 to 1989	0.00	1.34	1.34	1.66	1.15	1.29	1.29	1.64	1.24
1990 to 1999	0.00	1.34	1.34	1.56	1.13	1.23	1.23	1.43	1.12
2000 to 2009	0.00	1.32	1.32	1.50	1.28	1.14	1.14	1.53	1.12
2010 to 2015	2.84	4.04	2.66	2.54	1.20		1.14	2.33	1.74
2016 to 2013	3.44	4.04	2.00	3.22	2.36	3.68 4.17	2.40	2.35	2.13
2016 (0 2020	3.44	4.72	2.90	3.22	2.30	4.17	2.40	2.85	2.13
Total square footage <sup>f</sup>									
Less than 1,000	1.20	1.65	1.03	1.35	0.93	1.71	1.07	1.40	1.07
1,000 to 1,499	1.54	1.89	0.89	1.33	0.89	1.72	0.77	1.24	0.81
1,500 to 1,999	1.59	1.68	0.78	1.41	0.73	1.72	0.80	1.26	0.77
2,000 to 2,499	2.32	2.44	0.82	1.26	0.81	2.52	0.83	1.17	0.81
2,500 to 2,999	2.55	2.61	1.08	1.69	1.09	2.59	1.00	1.52	0.99
3,000 or more	1.93	2.07	1.09	1.48	1.00	2.05	0.96	1.40	0.85
Number of household members									
1 member	1.25	1.66	1.05	1.05	0.87	1.56	0.84	0.84	0.91
2 members	1.15	1.27	0.85	0.85	0.64	1.23	0.70	0.70	0.67
3 members	1.87	1.80	1.28	1.28	1.28	1.82	0.98	0.98	1.29
4 members	2.08	2.31	1.29	1.29	1.39	2.27	1.16	1.16	1.41
5 members	4.12	4.26	2.10	2.10	1.69	4.32	1.80	1.80	1.71
6 or more members	4.58	4.85	2.31	2.77	2.41	4.58	2.16	2.55	2.44
2020 annual household income									
Less than \$5,000	4.63	5.74	3.65	4.19	3.51	5.23	2.78	4.04	3.50
\$5,000 to \$9,999	5.53	6.15	3.16	4.37	3.51	5.74	2.45	4.15	2.91
\$10,000 to \$19,999	3.21	3.46	1.91	2.68	1.91	3.25	1.61	2.54	1.93
\$20,000 to \$39,999	1.98	2.16	1.30	1.81	1.09	2.04	1.04	1.64	1.05
\$40,000 to \$59,999	1.83	2.07	1.44	1.85	1.27	1.95	1.18	1.51	1.18
\$60,000 to \$99,999	1.58		0.92	1.30	0.86	1.60	0.72	1.00	0.88
\$100,000 to \$149,999	1.83	1.91	1.19	1.38	1.05	2.12	1.16	1.30	1.32
\$150,000 or more	1.83		1.13	1.32	1.05	2.12	1.10	1.30	1.32
Payment method for energy bills	0.27	0.40	0.40	0.50	0.45	0.40	0.20	0.54	0.45
All paid by household	0.27	0.46	0.46	0.58	0.45	0.40	0.36	0.54	0.45
Some paid by household, some	2.00	4.50	2.02	4.25	2 72	4.20	2.55	2.75	2.20
included in rent or condo fee	3.90	4.50	3.02	4.35	2.72	4.38	2.66	3.75	2.39
All included in rent or condo fee Some other method	4.78 25.04	5.40 37.24	3.00 22.86	3.74 22.50	2.64 14.39	5.45 29.01	2.47 14.65	3.53 19.63	3.38 7.10
	23.04	57.24	22.00	22.30	± <del>1</del> .JJ	29.01	14.03	19.03	,.10
Main heating fuel									
Natural gas	0.77	0.87	0.54	0.71	0.53	0.89	0.56	0.71	0.59
Electricity	0.92	1.17	0.83	1.06	0.76	1.11	0.78	1.04	0.77
Fuel oil or kerosene	3.50	3.32	1.57	2.42	1.72	3.26	1.42	2.23	1.78
Propane	3.76	4.33	1.70	2.30	1.93	4.22	1.54	2.27	1.82
Wood	4.88	5.67	2.37	3.66	3.38	6.04	2.39	3.70	3.86
Some other fuel <sup>g</sup>	35.67	38.88	24.00	25.24	31.01	35.97	13.54	15.68	27.63
Does not use heating equipment	4.41	5.09	2.37	2.92	2.30	4.58	2.27	2.84	2.18

### Relative standard errors (RSEs) for Table CE1.1 Summary annual household site consumption and expenditures in the United States—totals and intensities, 2020

	RSEs for number of housing units	RSEs for site e	nergy consum	ption <sup>ª</sup>		RSEs for energ	y expenditure	es <sup>a</sup>	
	Total U.S. <sup>t</sup>	' Total	Per household	Per household member	Per square foot		Per household	Per household member	Per square foot
All homes	0.00	0.40	0.40	0.57	0.43	0.35	0.35	0.55	0.45

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Forms EIA-457A, D, E, F, & G of the 2020 Residential Energy Consumption Survey

Notes: See RECS Terminology for definition of terms used in these tables.

<sup>a</sup> Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

<sup>b</sup> Total U.S. includes all primary occupied housing units in the 50 states and the District of Columbia. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

<sup>c</sup> Housing units are classified using criteria created by the U.S. Census Bureau based on 2010 Census data. Urbanized areas are densely settled groupings of blocks or tracts with 50,000 or more people, while urban clusters have at least 2,500 but less than 50,000 people. All other areas are rural.

<sup>d</sup> The Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE), created these climate regions. We combined climate regions for this publication. The Subarctic region is included with data for *Very-cold/Cold*.

<sup>e</sup> *Rented* includes households that occupy their primary housing units without paying rent.

<sup>f</sup> *Total square footage* includes all basements, finished or conditioned (heated or cooled) areas of attics, and conditioned garage space that is attached to the home. Unconditioned and unfinished areas in attics and attached garages are excluded. The square footage of the home is based on respondent reports. Previous RECS cycles calculated square footage based on interviewer measurements. For households that did not report an exact square footage estimate, the square footage of the home was imputed based on a reported square footage range and/or characteristics of the home. See *2020 RECS Square Footage Methodology* for full details about data collection and processing.

<sup>g</sup> Some other fuel includes coal and district steam.