Preliminary data release date: March 2022 Final data release date: March 2023

Table HC5.7 Lighting in U.S. homes in the Northeast and Midwest regions, 2020

## Number of housing units (million)

Note		Northeast Census Region			N				
Indoor light bulbs used at least 4   Nours a day   Nours a lay   Nours		Total U.S. <sup>a</sup>		_				West North Central	
Note	All homes	123.53	21.92	5.88	16.04	27.04	18.55	8.50	
0 to 2         47.78         8.39         2.26         6.12         9.99         6.98           3 to 5         31.24         5.62         1.42         4.21         7.39         5.14           6 to 9         23.06         4.19         1.19         3.00         4.99         3.88           10 to 19         16.66         2.89         0.80         2.09         3.68         2.44           20 or more         4.79         0.84         0.21         0.63         1.00         0.61           Incardescent or Incardescent or Incardescent or Inalogen bulb Training a microardescent or Inalogen         8.50         1.70         0.32         1.38         1.59         1.11           About half of bulbs are incandescent or Inalogen         10.19         1.89         0.49         1.40         2.14         1.30           About half of bulbs are incandescent or Inalogen         47.43         8.14         2.26         5.88         10.91         7.42           No incandescent or Inalogen bulbs         48.31         8.57         2.44         6.12         10.26         7.31           CFL bulbs used indoors           Yes, at least one CFL bulb         7.43         8.14         2.26	Indoor light bulbs used at least 4								
3 to 5	hours a day								
6 to 9         23 06         4.19         1.19         3.00         4.99         3.38           10 to 19         16.66         2.89         0.80         2.09         3.68         2.44           20 or more         4.79         0.84         0.21         0.63         1.00         0.61           Incamore           Incamore         4.79         0.84         0.21         0.63         1.00         0.61           Incamore         8.00         1.35         3.43         9.92         16.79         11.24           All bulbs are incandescent or halogen         8.50         1.70         0.32         1.38         1.59         1.11           Most bulbs are incandescent or halogen         10.19         1.89         0.49         1.40         2.14         1.30           About half of bulbs are incandescent or halogen         9.10         1.63         0.36         1.27         2.14         1.41           Some bulbs are incandescent or halogen bulbs         48.31         8.57         2.44         6.12         10.26         7.31           CFL bulbs seed indoors           Suppose incandescent or halogen bulbs         48.31 <td< td=""><td>0 to 2</td><td>47.78</td><td>8.39</td><td>2.26</td><td>6.12</td><td>9.99</td><td>6.98</td><td>3.01</td></td<>	0 to 2	47.78	8.39	2.26	6.12	9.99	6.98	3.01	
10 to 19 16.66 2.89 0.80 2.09 3.68 2.44 20 or more 4.79 0.84 0.21 0.63 1.00 0.61 Incandescent or halogen bulbs used indoors  Yes, at least one incandescent or halogen bulb 75.22 13.35 3.43 9.92 16.79 11.24 11.2	3 to 5	31.24	5.62	1.42	4.21	7.39	5.14	2.25	
10   10   10   10   10   10   10   10	6 to 9	23.06	4.19	1.19	3.00	4.99	3.38	1.60	
Name	10 to 19	16.66	2.89	0.80	2.09	3.68	2.44	1.24	
Yes, at least one incandescent or halogen bulb         75.22         13.35         3.43         9.92         16.79         11.24           All bulbs are incandescent or halogen         8.50         1.70         0.32         1.38         1.59         1.11           Most bulbs are incandescent or halogen         10.19         1.89         0.49         1.40         2.14         1.30           About half of bulbs are incandescent or halogen         9.10         1.63         0.36         1.27         2.14         1.41           Some bulbs are incandescent or halogen         47.43         8.14         2.26         5.88         10.91         7.42           No incandescent or halogen bulbs         48.31         8.57         2.44         6.12         10.26         7.31           CFL bulbs used indoors           Yes, at least one CFL bulb         74.38         13.07         3.48         9.59         16.40         11.46           All bulbs are CFL         5.35         0.93         0.23         0.70         1.03         0.79           Most bulbs are CFL         9.55         1.57         0.47         1.10         2.01         1.45           About half of bulbs are CFL         11.82         1.95         0.46<	20 or more	4.79	0.84	0.21	0.63	1.00	0.61	0.39	
halogen bullb         75.22         13.35         3.43         9.92         16.79         11.24           All bulbs are incandescent or halogen         8.50         1.70         0.32         1.38         1.59         1.11           Most bulbs are incandescent or halogen         10.19         1.89         0.49         1.40         2.14         1.30           About half of bulbs are incandescent or halogen         9.10         1.63         0.36         1.27         2.14         1.41           Some bulbs are incandescent or halogen bulbs         47.43         8.14         2.26         5.88         10.91         7.42           No incandescent or halogen bulbs         48.31         8.57         2.44         6.12         10.26         7.31           CFL bulbs used indoors           Yes, at least one CFL bulb         74.38         13.07         3.48         9.59         16.40         11.46           All bulbs are CFL         5.35         0.93         0.23         0.70         1.03         0.79           Most bulbs are CFL         11.82         1.95         0.46         1.48         2.60         1.84           Some bulbs are CFL         47.66         8.63         2.31         6.32         10.76 <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	_								
All bulbs are incandescent or halogen 8.50 1.70 0.32 1.38 1.59 1.11  Most bulbs are incandescent or halogen 10.19 1.89 0.49 1.40 2.14 1.30  About half of bulbs are incandescent or halogen 9.10 1.63 0.36 1.27 2.14 1.41  Some bulbs are incandescent or halogen 47.43 8.14 2.26 5.88 10.91 7.42  No incandescent or halogen bulbs 48.31 8.57 2.44 6.12 10.26 7.31  CFL bulbs used indoors  Yes, at least one CFL bulb 74.38 13.07 3.48 9.59 16.40 11.46  All bulbs are CFL 5.35 0.93 0.23 0.70 1.03 0.79  Most bulbs are CFL 9.55 1.57 0.47 1.10 2.01 1.45  About half of bulbs are CFL 11.82 1.95 0.46 1.48 2.60 1.84  Some bulbs are CFL 47.66 8.63 2.31 6.32 10.76 7.37  No CFL bulbs used indoors  Yes, at least one LED bulb 101.85 17.73 5.00 12.73 22.68 15.51  All bulbs are LED 31.61 5.32 1.62 3.70 7.20 4.91  About half of bulbs are LED 31.61 5.32 1.62 3.70 7.20 4.91  About half of bulbs are LED 17.69 3.03 0.77 2.26 3.84 2.55  Some bulbs are LED 17.69 3.03 0.77 2.26 3.84 2.55  Some bulbs are LED 26.47 4.64 1.21 3.43 6.05 4.18  No LED bulbs used indoors  Outdoor light bulbs left on all night  None 72.40 15.07 4.27 10.80 16.24 10.88  1 to 4 45.30 6.20 1.50 4.70 9.61 6.88  5 to 9 4.25 0.47 0.10 0.38 0.93 0.60									
halogen         8.50         1.70         0.32         1.38         1.59         1.11           Most bulbs are incandescent or halogen         10.19         1.89         0.49         1.40         2.14         1.30           About half of bulbs are incandescent or halogen         9.10         1.63         0.36         1.27         2.14         1.41           Some bulbs are incandescent or halogen bulbs         48.31         8.14         2.26         5.88         10.91         7.42           No incandescent or halogen bulbs         48.31         8.57         2.44         6.12         10.26         7.31           CFL bulbs used indoors           Ves, at least one CFL bulb         74.38         13.07         3.48         9.59         16.40         11.46           All bulbs are CFL         5.35         0.93         0.23         0.70         1.03         0.79           Most bulbs are CFL         9.55         1.57         0.47         1.10         2.01         1.45           About half of bulbs are CFL         11.82         1.95         0.46         1.48         2.60         1.84           Some bulbs are CFL         11.82         1.95         0.46         1.48         2.60	halogen bulb	75.22	13.35	3.43	9.92	16.79	11.24	5.55	
Most bulbs are incandescent or halogen         10.19         1.89         0.49         1.40         2.14         1.30           About half of bulbs are incandescent or halogen         9.10         1.63         0.36         1.27         2.14         1.41           Some bulbs are incandescent or halogen         47.43         8.14         2.26         5.88         10.91         7.42           No incandescent or halogen bulbs         48.31         8.57         2.44         6.12         10.26         7.31           CFL bulbs used indoors           Yes, at least one CFL bulb         74.38         13.07         3.48         9.59         16.40         11.46           All bulbs are CFL         5.35         0.93         0.23         0.70         1.03         0.79           Most bulbs are CFL         9.55         1.57         0.47         1.10         2.01         1.45           About half of bulbs are CFL         11.82         1.95         0.46         1.48         2.60         1.84           Some bulbs are CFL         47.66         8.63         2.31         6.32         10.76         7.37           No CFL bulbs         10.60         49.15         8.85         2.40         6.45         10.6	All bulbs are incandescent or								
halogen         10.19         1.89         0.49         1.40         2.14         1.30           About half of bulbs are incandescent or halogen         9.10         1.63         0.36         1.27         2.14         1.41           Some bulbs are incandescent or halogen bulbs         47.43         8.14         2.26         5.88         10.91         7.42           No incandescent or halogen bulbs         48.31         8.57         2.44         6.12         10.26         7.31           CFL bulbs used indoors           Yes, at least one CFL bulb         74.38         13.07         3.48         9.59         16.40         11.46           All bulbs are CFL         5.35         0.93         0.23         0.70         1.03         0.79           Most bulbs are CFL         9.55         1.57         0.47         1.10         2.01         1.45           About half of bulbs are CFL         11.82         1.95         0.46         1.48         2.60         1.84           Some bulbs are CFL         47.66         8.63         2.31         6.32         10.76         7.37           No CFL bulbs         10.61         10.85         17.73         5.00         12.73         22.68         15.5		8.50	1.70	0.32	1.38	1.59	1.11	0.49	
About half of bulbs are incandescent or halogen 9.10 1.63 0.36 1.27 2.14 1.41   Some bulbs are incandescent or halogen 47.43 8.14 2.26 5.88 10.91 7.42   No incandescent or halogen bulbs 48.31 8.57 2.44 6.12 10.26 7.31    CFL bulbs used indoors  Yes, at least one CFL bulb 74.38 13.07 3.48 9.59 16.40 11.46   All bulbs are CFL 5.35 0.93 0.23 0.70 1.03 0.79   Most bulbs are CFL 9.55 1.57 0.47 1.10 2.01 1.45   About half of bulbs are CFL 11.82 1.95 0.46 1.48 2.60 1.84   Some bulbs are CFL 47.66 8.63 2.31 6.32 10.76 7.37   No CFL bulbs used indoors  Yes, at least one LED bulb 101.85 17.73 5.00 12.73 22.68 15.51   All bulbs are LED 0.31.61 5.32 1.62 3.70 7.20 4.91   About half of bulbs are LED 3.161 5.32 1.62 3.70 7.20 4.91   About half of bulbs are LED 17.69 3.03 0.77 2.26 3.84 2.55   Some bulbs are LED 17.69 3.03 0.77 2.26 3.84 2.55   Some bulbs are LED 0.26.47 4.64 1.21 3.43 6.05 4.18   No LED bulbs left on all night  None 72.40 15.07 4.27 10.80 16.24 10.88   1 to 4 45.30 6.20 1.50 4.70 9.61 6.88   5 to 9 4.25 0.47 0.10 0.38 0.93 0.60									
or halogen         9.10         1.63         0.36         1.27         2.14         1.41           Some bulbs are incandescent or halogen         47.43         8.14         2.26         5.88         10.91         7.42           No incandescent or halogen bulbs         48.31         8.57         2.44         6.12         10.26         7.31           CFL bulbs used indoors           Yes, at least one CFL bulb         74.38         13.07         3.48         9.59         16.40         11.46           All bulbs are CFL         5.35         0.93         0.23         0.70         1.03         0.79           Most bulbs are CFL         9.55         1.57         0.47         1.10         2.01         1.45           About half of bulbs are CFL         47.66         8.63         2.31         6.32         10.76         7.37           No CFL bulbs         49.15         8.85         2.40         6.45         10.64         7.09           LED bulbs used indoors           Yes, at least one LED bulb         10.185         17.73         5.00         12.73         22.68         15.51           All bulbs are LED         10.85         17.73         5.00         12.73 <td></td> <td>10.19</td> <td>1.89</td> <td>0.49</td> <td>1.40</td> <td>2.14</td> <td>1.30</td> <td>0.84</td>		10.19	1.89	0.49	1.40	2.14	1.30	0.84	
Some bulbs are incandescent or halogen         47.43         8.14         2.26         5.88         10.91         7.42           No incandescent or halogen bulbs         48.31         8.57         2.44         6.12         10.26         7.31           CFL bulbs used indoors           Yes, at least one CFL bulb         74.38         13.07         3.48         9.59         16.40         11.46           All bulbs are CFL         5.35         0.93         0.23         0.70         1.03         0.79           Most bulbs are CFL         9.55         1.57         0.47         1.10         2.01         1.45           About half of bulbs are CFL         11.82         1.95         0.46         1.48         2.60         1.84           Some bulbs are CFL         47.66         8.63         2.31         6.32         10.76         7.37           No CFL bulbs         49.15         8.85         2.40         6.45         10.64         7.09           LED bulbs used indoors           Yes, at least one LED bulb         101.85         17.73         5.00         12.73         22.68         15.51           All bulbs are LED         26.08         4.73         1.40         3.33		0.40	4.60	0.05	4.07	2.14		0.70	
halogen         47.43         8.14         2.26         5.88         10.91         7.42           No incandescent or halogen bulbs         48.31         8.57         2.44         6.12         10.26         7.31           CFL bulbs used indoors           Yes, at least one CFL bulb         74.38         13.07         3.48         9.59         16.40         11.46           All bulbs are CFL         5.35         0.93         0.23         0.70         1.03         0.79           Most bulbs are CFL         9.55         1.57         0.47         1.10         2.01         1.45           About half of bulbs are CFL         11.82         1.95         0.46         1.48         2.60         1.84           Some bulbs are CFL         47.66         8.63         2.31         6.32         10.76         7.37           No CFL bulbs         49.15         8.85         2.40         6.45         10.64         7.09           LED bulbs used indoors           Yes, at least one LED bulb         101.85         17.73         5.00         12.73         22.68         15.51           All bulbs are LED         31.61         5.32         1.62         3.70         7.20		9.10	1.63	0.36	1.2/	2.14	1.41	0.73	
No incandescent or halogen bulbs		17 12	0 1 /	2 26	E 00	10.01	7.42	3.50	
CFL bulbs used indoors           Yes, at least one CFL bulb         74.38         13.07         3.48         9.59         16.40         11.46           All bulbs are CFL         5.35         0.93         0.23         0.70         1.03         0.79           Most bulbs are CFL         9.55         1.57         0.47         1.10         2.01         1.45           About half of bulbs are CFL         11.82         1.95         0.46         1.48         2.60         1.84           Some bulbs are CFL         47.66         8.63         2.31         6.32         10.76         7.37           No CFL bulbs         49.15         8.85         2.40         6.45         10.64         7.09           LED bulbs used indoors           Yes, at least one LED bulb         101.85         17.73         5.00         12.73         22.68         15.51           All bulbs are LED         26.08         4.73         1.40         3.33         5.60         3.87           Most bulbs are LED         31.61         5.32         1.62         3.70         7.20         4.91           About half of bulbs are LED         17.69         3.03         0.77         2.26         3.84         2.55 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.95</td>								2.95	
Yes, at least one CFL bulb         74.38         13.07         3.48         9.59         16.40         11.46           All bulbs are CFL         5.35         0.93         0.23         0.70         1.03         0.79           Most bulbs are CFL         9.55         1.57         0.47         1.10         2.01         1.45           About half of bulbs are CFL         11.82         1.95         0.46         1.48         2.60         1.84           Some bulbs are CFL         47.66         8.63         2.31         6.32         10.76         7.37           No CFL bulbs         49.15         8.85         2.40         6.45         10.64         7.09           LED bulbs used indoors           Yes, at least one LED bulb         101.85         17.73         5.00         12.73         22.68         15.51           All bulbs are LED         26.08         4.73         1.40         3.33         5.60         3.87           Most bulbs are LED         31.61         5.32         1.62         3.70         7.20         4.91           About half of bulbs are LED         17.69         3.03         0.77         2.26         3.84         2.55           Some bulbs are LED         26		40.31	0.37	2.44	0.12	10.20	7.31	2.33	
All bulbs are CFL       5.35       0.93       0.23       0.70       1.03       0.79         Most bulbs are CFL       9.55       1.57       0.47       1.10       2.01       1.45         About half of bulbs are CFL       11.82       1.95       0.46       1.48       2.60       1.84         Some bulbs are CFL       47.66       8.63       2.31       6.32       10.76       7.37         No CFL bulbs       49.15       8.85       2.40       6.45       10.64       7.09         LED bulbs used indoors         Yes, at least one LED bulb       101.85       17.73       5.00       12.73       22.68       15.51         All bulbs are LED       26.08       4.73       1.40       3.33       5.60       3.87         Most bulbs are LED       31.61       5.32       1.62       3.70       7.20       4.91         About half of bulbs are LED       17.69       3.03       0.77       2.26       3.84       2.55         Some bulbs are LED       26.47       4.64       1.21       3.43       6.05       4.18         No LED bulbs       21.68       4.19       0.88       3.32       4.36       3.04 <td col<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td>	<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Most bulbs are CFL         9.55         1.57         0.47         1.10         2.01         1.45           About half of bulbs are CFL         11.82         1.95         0.46         1.48         2.60         1.84           Some bulbs are CFL         47.66         8.63         2.31         6.32         10.76         7.37           No CFL bulbs         49.15         8.85         2.40         6.45         10.64         7.09           LED bulbs used indoors           Yes, at least one LED bulb         101.85         17.73         5.00         12.73         22.68         15.51           All bulbs are LED         26.08         4.73         1.40         3.33         5.60         3.87           Most bulbs are LED         31.61         5.32         1.62         3.70         7.20         4.91           About half of bulbs are LED         17.69         3.03         0.77         2.26         3.84         2.55           Some bulbs are LED         26.47         4.64         1.21         3.43         6.05         4.18           No LED bulbs         21.68         4.19         0.88         3.32         4.36         3.04           Outdoor light bulbs left on a		74.38	13.07	3.48	9.59	16.40	11.46	4.95	
About half of bulbs are CFL 11.82 1.95 0.46 1.48 2.60 1.84  Some bulbs are CFL 47.66 8.63 2.31 6.32 10.76 7.37  No CFL bulbs 49.15 8.85 2.40 6.45 10.64 7.09  LED bulbs used indoors  Yes, at least one LED bulb 101.85 17.73 5.00 12.73 22.68 15.51  All bulbs are LED 26.08 4.73 1.40 3.33 5.60 3.87  Most bulbs are LED 31.61 5.32 1.62 3.70 7.20 4.91  About half of bulbs are LED 17.69 3.03 0.77 2.26 3.84 2.55  Some bulbs are LED 26.47 4.64 1.21 3.43 6.05 4.18  No LED bulbs 21.68 4.19 0.88 3.32 4.36 3.04  Outdoor light bulbs left on all night  None 72.40 15.07 4.27 10.80 16.24 10.88  1 to 4 45.30 6.20 1.50 4.70 9.61 6.88  5 to 9 4.25 0.47 0.10 0.38 0.93 0.60	All bulbs are CFL	5.35	0.93	0.23	0.70	1.03	0.79	0.24	
Some bulbs are CFL         47.66         8.63         2.31         6.32         10.76         7.37           No CFL bulbs         49.15         8.85         2.40         6.45         10.64         7.09           LED bulbs used indoors           Yes, at least one LED bulb         101.85         17.73         5.00         12.73         22.68         15.51           All bulbs are LED         26.08         4.73         1.40         3.33         5.60         3.87           Most bulbs are LED         31.61         5.32         1.62         3.70         7.20         4.91           About half of bulbs are LED         17.69         3.03         0.77         2.26         3.84         2.55           Some bulbs are LED         26.47         4.64         1.21         3.43         6.05         4.18           No LED bulbs         21.68         4.19         0.88         3.32         4.36         3.04           Outdoor light bulbs left on all night           None         72.40         15.07         4.27         10.80         16.24         10.88           1 to 4         45.30         6.20         1.50         4.70         9.61         6.88           <	Most bulbs are CFL	9.55	1.57	0.47	1.10	2.01	1.45	0.56	
No CFL bulbs       49.15       8.85       2.40       6.45       10.64       7.09         LED bulbs used indoors         Yes, at least one LED bulb       101.85       17.73       5.00       12.73       22.68       15.51         All bulbs are LED       26.08       4.73       1.40       3.33       5.60       3.87         Most bulbs are LED       31.61       5.32       1.62       3.70       7.20       4.91         About half of bulbs are LED       17.69       3.03       0.77       2.26       3.84       2.55         Some bulbs are LED       26.47       4.64       1.21       3.43       6.05       4.18         No LED bulbs       21.68       4.19       0.88       3.32       4.36       3.04         Outdoor light bulbs left on all night         None       72.40       15.07       4.27       10.80       16.24       10.88         1 to 4       45.30       6.20       1.50       4.70       9.61       6.88         5 to 9       4.25       0.47       0.10       0.38       0.93       0.60	About half of bulbs are CFL	11.82	1.95	0.46	1.48	2.60	1.84	0.75	
LED bulbs used indoors       Yes, at least one LED bulb     101.85     17.73     5.00     12.73     22.68     15.51       All bulbs are LED     26.08     4.73     1.40     3.33     5.60     3.87       Most bulbs are LED     31.61     5.32     1.62     3.70     7.20     4.91       About half of bulbs are LED     17.69     3.03     0.77     2.26     3.84     2.55       Some bulbs are LED     26.47     4.64     1.21     3.43     6.05     4.18       No LED bulbs     21.68     4.19     0.88     3.32     4.36     3.04       Outdoor light bulbs left on all night       None     72.40     15.07     4.27     10.80     16.24     10.88       1 to 4     45.30     6.20     1.50     4.70     9.61     6.88       5 to 9     4.25     0.47     0.10     0.38     0.93     0.60	Some bulbs are CFL	47.66	8.63	2.31	6.32	10.76	7.37	3.39	
Yes, at least one LED bulb         101.85         17.73         5.00         12.73         22.68         15.51           All bulbs are LED         26.08         4.73         1.40         3.33         5.60         3.87           Most bulbs are LED         31.61         5.32         1.62         3.70         7.20         4.91           About half of bulbs are LED         17.69         3.03         0.77         2.26         3.84         2.55           Some bulbs are LED         26.47         4.64         1.21         3.43         6.05         4.18           No LED bulbs         21.68         4.19         0.88         3.32         4.36         3.04           Outdoor light bulbs left on all night           None         72.40         15.07         4.27         10.80         16.24         10.88           1 to 4         45.30         6.20         1.50         4.70         9.61         6.88           5 to 9         4.25         0.47         0.10         0.38         0.93         0.60	No CFL bulbs	49.15	8.85	2.40	6.45	10.64	7.09	3.55	
All bulbs are LED       26.08       4.73       1.40       3.33       5.60       3.87         Most bulbs are LED       31.61       5.32       1.62       3.70       7.20       4.91         About half of bulbs are LED       17.69       3.03       0.77       2.26       3.84       2.55         Some bulbs are LED       26.47       4.64       1.21       3.43       6.05       4.18         No LED bulbs       21.68       4.19       0.88       3.32       4.36       3.04         Outdoor light bulbs left on all night         None       72.40       15.07       4.27       10.80       16.24       10.88         1 to 4       45.30       6.20       1.50       4.70       9.61       6.88         5 to 9       4.25       0.47       0.10       0.38       0.93       0.60	LED bulbs used indoors								
Most bulbs are LED       31.61       5.32       1.62       3.70       7.20       4.91         About half of bulbs are LED       17.69       3.03       0.77       2.26       3.84       2.55         Some bulbs are LED       26.47       4.64       1.21       3.43       6.05       4.18         No LED bulbs       21.68       4.19       0.88       3.32       4.36       3.04         Outdoor light bulbs left on all night         None       72.40       15.07       4.27       10.80       16.24       10.88         1 to 4       45.30       6.20       1.50       4.70       9.61       6.88         5 to 9       4.25       0.47       0.10       0.38       0.93       0.60	Yes, at least one LED bulb	101.85	17.73	5.00	12.73	22.68	15.51	7.17	
About half of bulbs are LED       17.69       3.03       0.77       2.26       3.84       2.55         Some bulbs are LED       26.47       4.64       1.21       3.43       6.05       4.18         No LED bulbs       21.68       4.19       0.88       3.32       4.36       3.04         Outdoor light bulbs left on all night         None       72.40       15.07       4.27       10.80       16.24       10.88         1 to 4       45.30       6.20       1.50       4.70       9.61       6.88         5 to 9       4.25       0.47       0.10       0.38       0.93       0.60	All bulbs are LED	26.08	4.73	1.40	3.33	5.60	3.87	1.73	
Some bulbs are LED         26.47         4.64         1.21         3.43         6.05         4.18           No LED bulbs         21.68         4.19         0.88         3.32         4.36         3.04           Outdoor light bulbs left on all night           None         72.40         15.07         4.27         10.80         16.24         10.88           1 to 4         45.30         6.20         1.50         4.70         9.61         6.88           5 to 9         4.25         0.47         0.10         0.38         0.93         0.60	Most bulbs are LED	31.61	5.32	1.62	3.70	7.20	4.91	2.29	
No LED bulbs       21.68       4.19       0.88       3.32       4.36       3.04         Outdoor light bulbs left on all night         None       72.40       15.07       4.27       10.80       16.24       10.88         1 to 4       45.30       6.20       1.50       4.70       9.61       6.88         5 to 9       4.25       0.47       0.10       0.38       0.93       0.60	About half of bulbs are LED	17.69	3.03	0.77	2.26	3.84	2.55	1.29	
No LED bulbs       21.68       4.19       0.88       3.32       4.36       3.04         Outdoor light bulbs left on all night         None       72.40       15.07       4.27       10.80       16.24       10.88         1 to 4       45.30       6.20       1.50       4.70       9.61       6.88         5 to 9       4.25       0.47       0.10       0.38       0.93       0.60		26.47	4.64	1.21	3.43	6.05	4.18	1.87	
None     72.40     15.07     4.27     10.80     16.24     10.88       1 to 4     45.30     6.20     1.50     4.70     9.61     6.88       5 to 9     4.25     0.47     0.10     0.38     0.93     0.60		21.68	4.19					1.32	
1 to 4     45.30     6.20     1.50     4.70     9.61     6.88       5 to 9     4.25     0.47     0.10     0.38     0.93     0.60	Outdoor light bulbs left on all night								
5 to 9 4.25 0.47 0.10 0.38 0.93 0.60	None	72.40	15.07	4.27	10.80	16.24	10.88	5.36	
5 to 9 4.25 0.47 0.10 0.38 0.93 0.60	1 to 4	45.30	6.20	1.50	4.70	9.61	6.88	2.73	
10 or more 1.57 0.19 0 0.17 0.26 0.10	5 to 9	4.25	0.47	0.10	0.38	0.93	0.60	0.34	
TO OF HIGHE T.37 0.10 Q 0.17 0.20 0.13	10 or more	1.57	0.18	Q	0.17	0.26	0.19	0.07	

Preliminary data release date: March 2022 Final data release date: March 2023

Table HC5.7 Lighting in U.S. homes in the Northeast and Midwest regions, 2020

#### Number of housing units (million)

		Northeast Census Region			Midwest Census Region		
	Total U.S. <sup>a</sup>	Total Northeast	New England	Middle Atlantic		East North Central	West North Central
All homes	123.53	21.92	5.88	16.04	27.04	18.55	8.50
Type of outdoor light bulbs left on all night							
At least 1 outdoor light bulb	51.12	6.85	1.61	5.24	10.81	7.67	3.14
LED	33.26	4.22	0.99	3.23	7.29	5.22	2.06
CFL	8.39	1.23	0.25	0.98	1.68	1.12	0.56
Incandescent or halogen	13.62	1.95	0.43	1.52	2.61	1.85	0.75
No outdoor light bulbs	72.40	15.07	4.27	10.80	16.24	10.88	5.36

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A 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.

<sup>&</sup>lt;sup>a</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.

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 HC5.7 Lighting in U.S. homes in the Northeast and Midwest regions, 2020

### RSEs for number of housing units

	Total U.S. <sup>a</sup>	Northeast Census Region		Midwest Census Region			
		Total Northeast	New England	Middle Atlantic	Total Midwest	East North Central	West North Central
All homes	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Indoor light bulbs used at least 4 hours a day							
0 to 2	1.21	2.60	3.80	3.17	2.86	3.60	3.63
3 to 5	1.27	3.40	5.50	3.88	3.11	3.94	4.36
6 to 9	1.80	4.46	5.52	5.82	3.92	5.87	5.18
10 to 19	2.26	5.13	5.89	6.14	4.57	5.60	6.22
20 or more	4.44	8.10	12.30	9.74	9.24	12.76	12.39
Incandescent or halogen bulbs used indoors							
Yes, at least one incandescent or halogen bulb	0.70	1.64	2.60	1.96	1.60	2.21	1.99
All bulbs are incandescent or	0.70	1.04	2.00	1.30	1.00	2.21	1.33
halogen	3.27	7.64	14.01	8.07	8.31	11.49	10.92
Most bulbs are incandescent or							
halogen	2.70	5.54	9.12	7.23	5.80	9.43	7.47
About half of bulbs are incandescent							
or halogen	2.52	5.83	9.53	7.28	6.56	8.65	8.33
Some bulbs are incandescent or							
halogen	1.03	2.41	3.62	3.03	2.43	2.97	3.37
No incandescent or halogen bulbs	1.08	2.55	3.66	3.18	2.62	3.40	3.75
CFL bulbs used indoors							
Yes, at least one CFL bulb	0.57	1.60	2.67	1.90	1.26	1.80	2.53
All bulbs are CFL	4.82	10.76	15.68	12.74	11.72	13.10	18.47
Most bulbs are CFL	2.85	6.52	9.73	8.46	6.52	8.32	10.84
About half of bulbs are CFL	2.75	5.72	10.86	7.46	6.10	7.65	9.53
Some bulbs are CFL	1.02	2.58	3.49	3.10	1.97	2.58	3.47
No CFL bulbs	0.87	2.36	3.87	2.83	1.94	2.92	3.53
LED bulbs used indoors							
Yes, at least one LED bulb	0.40	0.98	1.52	1.16	0.88	1.17	1.09
All bulbs are LED	1.33	3.45	5.65	3.93	3.80	5.13	5.19
Most bulbs are LED	1.48	3.31	4.21	4.56	2.69	3.41	4.43
About half of bulbs are LED	1.88	4.90	6.19	6.37	3.94	5.34	7.63
Some bulbs are LED	1.53	3.43	5.47	4.04	3.56	4.65	5.09
No LED bulbs	1.90	4.14	8.65	4.43	4.59	5.98	5.91
Outdoor light bulbs left on all night							
None	0.66	1.16	1.80	1.60	1.28	1.74	1.92
1 to 4	0.99	2.76	5.00	3.60	2.08	2.73	3.49
5 to 9	4.74	12.67	16.80	14.59	10.25	13.87	13.85
10 or more	6.76	18.66	44.99	19.60	17.27	22.27	34.34

Preliminary data release date: March 2022 Final data release date: March 2023

# Relative standard errors (RSEs) for Table HC5.7 Lighting in U.S. homes in the Northeast and Midwest regions, 2020

#### RSEs for number of housing units

	Total U.S. <sup>a</sup>	Northeast Census Region			Midwest Census Region		
		Total Northeast	New England	Middle Atlantic		East North Central	West North Central
All homes	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Type of outdoor light bulbs left on all night							
At least 1 outdoor light bulb	0.93	2.54	4.77	3.29	1.92	2.46	3.28
LED	1.36	3.67	5.66	4.65	2.64	3.08	4.93
CFL	3.07	7.93	16.17	9.49	6.05	7.91	11.52
Incandescent or halogen	2.22	6.40	10.22	7.94	5.16	6.44	9.28
No outdoor light bulbs	0.66	1.16	1.80	1.60	1.28	1.74	1.92

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A of the 2020 Residential Energy Consumption Survey

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

<sup>&</sup>lt;sup>a</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.