

Table HC3.3 Appliances in U.S. homes, by year of construction, 2024

	Number of housing units (million)									
	Year of construction									
	Total U.S. ^a	Before 1950	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2009	2010 to 2019	2020 to 2024
All homes	132.54	20.25	12.17	12.73	18.09	16.60	15.89	18.28	12.48	6.06
Ranges (units with both an oven and a cooktop)										
Has a range	115.92	18.66	10.56	10.70	16.00	14.73	14.13	15.65	10.44	5.05
One range	113.49	17.92	10.38	10.47	15.77	14.44	13.88	15.44	10.24	4.94
Two or more ranges	2.43	0.74	0.18	0.24	0.23	0.29	0.25	0.21	0.20	0.11
Does not have a range	16.62	1.58	1.61	2.02	2.09	1.87	1.76	2.63	2.04	1.01
Most-used range: fuel										
Electricity	68.56	7.91	4.99	6.08	10.69	10.22	8.88	10.12	6.67	3.01
Natural gas	36.75	8.95	4.79	3.79	4.04	3.13	3.82	4.07	2.66	1.50
Propane	4.76	0.62	0.23	0.30	0.69	0.76	0.73	0.65	0.53	0.26
Dual-fuel ^b	5.85	1.19	0.55	0.54	0.58	0.62	0.70	0.81	0.58	0.28
Does not have a range	16.62	1.58	1.61	2.02	2.09	1.87	1.76	2.63	2.04	1.01
Most-used range: times cooktop part used per week										
0 times per week	7.67	1.31	0.74	0.80	1.25	1.08	0.68	1.05	0.56	0.19
1 to 3 times per week	19.28	2.41	1.65	1.86	2.49	2.82	2.22	2.90	1.86	1.08
4 to 7 times per week	55.22	8.65	4.94	4.97	7.89	6.93	6.76	7.71	4.98	2.38
8 to 14 times per week	23.45	4.23	2.35	2.30	2.95	2.73	3.13	2.88	2.01	0.88
15 or more times per week	10.30	2.06	0.89	0.77	1.42	1.18	1.34	1.10	1.03	0.51
Does not have a range	16.62	1.58	1.61	2.02	2.09	1.87	1.76	2.63	2.04	1.01
Most-used range: times oven part used per week										
0 times per week	20.64	3.43	1.82	2.07	2.94	2.85	2.46	2.61	1.75	0.70
1 to 3 times per week	59.81	8.85	5.19	5.43	8.22	7.89	7.33	8.44	5.55	2.91
4 to 7 times per week	30.62	5.46	3.01	2.81	4.24	3.35	3.61	4.16	2.72	1.26
8 to 14 times per week	4.01	0.76	0.45	0.36	0.51	0.52	0.58	0.33	0.35	0.16
15 or more times per week	0.83	0.16	Q	Q	0.09	0.13	0.14	0.11	Q	Q
Does not have a range	16.62	1.58	1.61	2.02	2.09	1.87	1.76	2.63	2.04	1.01
Separate cooktops										
Has a separate cooktop	18.51	1.72	1.72	2.22	2.29	1.98	2.21	2.94	2.25	1.19
One cooktop	18.03	1.64	1.68	2.20	2.23	1.91	2.16	2.87	2.18	1.16
Two or more cooktops	0.48	0.08	Q	Q	Q	Q	Q	0.07	Q	Q
Does not have a separate cooktop	114.03	18.53	10.45	10.50	15.80	14.63	13.68	15.34	10.23	4.87
Most-used separate cooktop: fuel										
Electricity	9.10	0.91	0.93	1.33	1.53	1.25	1.16	1.01	0.59	0.37
Natural gas	8.29	0.75	0.78	0.83	0.66	0.63	0.86	1.65	1.39	0.73
Propane	1.12	Q	Q	Q	0.09	0.10	0.18	0.28	0.26	0.09
Does not have a separate cooktop	114.03	18.53	10.45	10.50	15.80	14.63	13.68	15.34	10.23	4.87
Most-used separate cooktop: times used per week										
0 times per week	1.28	0.14	0.14	0.10	0.13	0.19	0.15	0.21	0.14	0.08
1 to 3 times per week	2.68	0.25	0.23	0.34	0.42	0.32	0.25	0.40	0.27	0.20
4 to 7 times per week	8.42	0.69	0.75	1.02	0.97	0.78	1.21	1.35	1.16	0.52
8 to 14 times per week	3.97	0.38	0.35	0.57	0.55	0.40	0.34	0.65	0.46	0.25
15 or more times per week	2.16	0.25	0.25	0.20	0.22	0.29	0.27	0.33	0.21	0.14
Does not have a separate cooktop	114.03	18.53	10.45	10.50	15.80	14.63	13.68	15.34	10.23	4.87

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		Before 1950	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2009	2010 to 2019	2020 to 2024
All homes	132.54	20.25	12.17	12.73	18.09	16.60	15.89	18.28	12.48	6.06
Separate wall ovens										
Has a separate wall oven	21.69	1.86	1.79	2.55	2.59	2.50	2.52	3.54	2.82	1.53
One wall oven	16.73	1.49	1.44	2.14	2.04	2.04	1.93	2.47	1.98	1.19
Two or more wall ovens	4.96	0.37	0.35	0.41	0.55	0.46	0.59	1.07	0.84	0.34
Does not have a separate wall oven	110.85	18.39	10.38	10.18	15.50	14.10	13.37	14.74	9.66	4.53
Most-used separate wall oven: fuel										
Electricity	18.27	1.51	1.41	2.04	2.28	2.11	2.29	3.04	2.45	1.15
Natural gas	3.13	0.32	0.38	0.49	0.29	0.34	0.18	0.47	0.32	0.34
Propane	0.29	Q	Q	Q	Q	Q	Q	Q	Q	Q
Does not have a separate wall oven	110.85	18.39	10.38	10.18	15.50	14.10	13.37	14.74	9.66	4.53
Most-used separate wall oven: times used per week										
0 times per week	3.02	0.26	0.20	0.36	0.35	0.47	0.31	0.58	0.37	0.14
1 to 3 times per week	9.38	0.66	0.85	1.19	1.17	0.99	1.00	1.59	1.21	0.72
4 to 7 times per week	7.82	0.80	0.58	0.85	0.92	0.86	1.04	1.10	1.07	0.60
8 to 14 times per week	1.13	0.10	0.13	0.15	0.13	0.11	0.12	0.18	0.15	Q
15 or more times per week	0.33	Q	Q	N	Q	Q	Q	Q	Q	Q
Does not have a separate wall oven	110.85	18.39	10.38	10.18	15.50	14.10	13.37	14.74	9.66	4.53
Frequency of hot meals cooked										
No hot meals cooked	1.49	0.29	Q	0.18	0.16	0.20	0.10	0.22	0.18	Q
Less than once a week	4.78	0.74	0.46	0.42	0.73	0.53	0.53	0.73	0.36	0.28
About once a week	3.42	0.44	0.23	0.35	0.39	0.55	0.39	0.54	0.37	0.16
A few times each week	25.40	3.49	2.32	2.43	3.68	3.42	3.10	3.42	2.59	0.95
Once a day	32.48	5.01	3.05	3.23	4.55	4.06	3.73	4.48	3.05	1.32
Two times a day	41.23	6.81	3.57	3.83	5.45	4.83	5.12	5.96	3.58	2.07
Three or more times a day	23.74	3.47	2.48	2.27	3.13	3.00	2.92	2.93	2.35	1.19
Microwave ovens										
Uses a microwave oven	126.30	18.75	11.46	12.15	17.14	15.80	15.27	17.73	12.13	5.86
One microwave oven	120.56	17.70	10.94	11.66	16.66	15.04	14.45	16.86	11.61	5.63
Two or more microwave ovens	5.74	1.05	0.53	0.48	0.49	0.76	0.82	0.87	0.52	0.23
Does not use a microwave oven	6.24	1.50	0.71	0.58	0.95	0.80	0.62	0.55	0.34	0.20
Microwave oven usage										
0 times per week	1.12	0.22	Q	0.06	0.11	0.17	0.11	0.19	0.12	0.07
1 to 3 times per week	11.71	1.92	1.09	1.22	1.72	1.66	1.05	1.34	1.02	0.69
4 to 7 times per week	48.45	6.92	4.54	4.81	6.52	6.19	5.80	6.75	4.69	2.23
8 to 14 times per week	31.49	4.43	3.03	3.16	4.32	3.72	3.91	4.44	3.09	1.40
15 or more times per week	33.53	5.26	2.73	2.90	4.46	4.07	4.40	5.01	3.22	1.48
Does not use a microwave oven	6.24	1.50	0.71	0.58	0.95	0.80	0.62	0.55	0.34	0.20
Outdoor grills and fuel										
Uses an outdoor grill	69.78	10.21	6.81	6.66	9.43	7.98	8.97	10.03	6.53	3.16
Natural gas	6.19	0.73	0.46	0.60	0.54	0.66	0.79	1.05	0.95	0.41
Propane	43.60	6.31	4.04	4.00	5.91	5.01	5.99	6.25	3.98	2.11
Charcoal	19.99	3.17	2.31	2.07	2.98	2.30	2.19	2.74	1.60	0.64
Does not use an outdoor grill	62.75	10.04	5.36	6.06	8.66	8.62	6.92	8.24	5.95	2.90

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All homes	132.54	20.25	12.17	12.73	18.09	16.60	15.89	18.28	12.48	6.06
Small kitchen appliances used at least once each week (more than one may apply)										
Toaster	76.81	11.58	7.37	7.49	10.42	9.24	9.11	10.52	7.44	3.64
Toaster oven	34.95	5.41	3.14	3.38	4.84	4.44	4.54	4.74	2.93	1.54
Coffee maker	97.12	14.40	8.80	9.25	13.44	12.08	12.05	13.52	9.13	4.46
Crock-Pot or slow cooker	36.04	4.90	3.35	3.40	5.02	4.23	4.52	5.18	3.47	1.98
Instant Pot or electric pressure cooker	18.46	2.45	1.59	1.51	2.47	2.01	2.48	2.62	2.13	1.19
Air fryer	57.93	7.54	5.40	5.10	7.47	7.02	7.08	8.95	6.21	3.16
Rice cooker	22.89	3.01	1.98	1.96	2.85	3.02	2.83	3.52	2.36	1.36
Blender or juicer	41.25	5.54	3.64	3.86	4.97	4.95	5.12	6.57	4.20	2.38
Some other small kitchen appliance ^c	7.46	1.37	0.63	0.70	0.98	0.99	0.78	0.85	0.82	0.35
Refrigerators										
Uses a refrigerator	132.11	20.18	12.13	12.68	18.06	16.49	15.86	18.24	12.46	6.02
One refrigerator	86.64	14.33	7.98	8.30	11.97	11.34	9.58	11.03	7.94	4.17
Two or more refrigerators	45.47	5.85	4.15	4.38	6.09	5.15	6.28	7.21	4.52	1.85
Does not use a refrigerator	0.43	Q	Q	Q	Q	0.11	Q	Q	Q	Q
Most-used refrigerator size										
Half-size or compact	1.57	0.26	0.09	0.14	0.21	0.23	0.16	0.30	0.14	Q
Small (less than 17.6 cubic feet)	6.09	1.39	0.65	0.64	0.89	0.97	0.48	0.57	0.38	0.11
Medium (17.6 to 22.5 cubic feet)	57.37	9.70	5.82	5.88	8.34	7.50	6.50	6.99	4.63	2.00
Large (22.6 to 29.5 cubic feet)	64.07	8.49	5.38	5.72	8.19	7.46	8.37	9.79	6.94	3.74
Very large (more than 29.5 cubic feet)	3.00	0.33	0.20	0.29	0.43	0.33	0.34	0.58	0.36	0.13
Does not use a refrigerator	0.43	Q	Q	Q	Q	0.11	Q	Q	Q	Q
Most-used refrigerator type										
Half-size or compact	1.57	0.26	0.09	0.14	0.21	0.23	0.16	0.30	0.14	Q
One door	12.12	2.26	1.36	1.39	1.92	1.89	0.96	1.23	0.82	0.29
Two doors, top freezer	38.46	7.51	4.02	4.07	5.75	4.93	3.91	4.29	2.93	1.04
Two doors, bottom freezer	36.19	4.92	3.20	3.14	4.68	4.19	4.71	5.32	3.97	2.06
Two doors, side-by-side	37.23	4.53	2.99	3.42	4.72	4.74	5.11	5.82	3.74	2.17
Three or more doors	6.54	0.69	0.46	0.52	0.78	0.52	1.00	1.28	0.85	0.44
Does not use a refrigerator	0.43	Q	Q	Q	Q	0.11	Q	Q	Q	Q
Most-used refrigerator age										
Less than 2 years old	19.60	3.00	1.68	2.06	2.26	2.33	2.40	2.87	1.36	1.64
2 to 4 years old	33.88	4.62	2.66	3.09	4.51	4.42	3.88	4.44	2.80	3.46
5 to 9 years old	43.36	6.37	4.09	4.01	6.39	5.36	5.19	5.73	5.51	0.72
10 to 14 years old	21.12	3.55	2.20	2.03	3.12	2.72	2.69	2.32	2.41	0.08
15 to 19 years old	7.86	1.34	0.80	0.74	1.03	0.94	0.79	1.85	0.31	Q
20 or more years old	6.29	1.29	0.70	0.74	0.76	0.71	0.91	1.05	0.07	Q
Does not use a refrigerator	0.43	Q	Q	Q	Q	0.11	Q	Q	Q	Q
Most-used refrigerator through-the-door ice service										
Yes	53.48	5.50	3.99	4.38	6.48	6.30	7.50	9.45	6.63	3.23
No	78.63	14.68	8.13	8.29	11.58	10.19	8.36	8.79	5.82	2.78
Does not use a refrigerator	0.43	Q	Q	Q	Q	0.11	Q	Q	Q	Q
Second refrigerator										
Uses a second refrigerator	45.47	5.85	4.15	4.38	6.09	5.15	6.28	7.21	4.52	1.85
Does not use a second refrigerator	87.07	14.40	8.02	8.35	12.00	11.45	9.61	11.07	7.96	4.21

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All homes	132.54	20.25	12.17	12.73	18.09	16.60	15.89	18.28	12.48	6.06
Second refrigerator size										
Half-size or compact	10.37	1.73	1.00	0.92	1.38	1.12	1.36	1.50	0.96	0.39
Small (less than 17.6 cubic feet)	7.56	1.10	0.78	0.68	1.09	0.89	0.92	1.01	0.74	0.35
Medium (17.6 to 22.5 cubic feet)	17.35	1.99	1.60	1.97	2.42	1.98	2.46	2.75	1.52	0.67
Large (22.6 to 29.5 cubic feet)	9.77	0.97	0.72	0.77	1.16	1.15	1.45	1.86	1.26	0.43
Very large (more than 29.5 cubic feet)	0.43	Q	Q	Q	Q	Q	Q	0.09	Q	Q
Does not use a second refrigerator	87.07	14.40	8.02	8.35	12.00	11.45	9.61	11.07	7.96	4.21
Second refrigerator type										
Half-size or compact	10.37	1.73	1.00	0.92	1.38	1.12	1.36	1.50	0.96	0.39
One door	7.86	1.06	0.72	0.80	1.23	0.80	0.89	1.31	0.70	0.36
Two doors, top freezer	15.88	2.00	1.54	1.60	2.32	1.84	2.18	2.33	1.48	0.59
Two doors, bottom freezer	3.27	0.36	0.27	0.33	0.30	0.40	0.48	0.60	0.39	0.13
Two doors, side-by-side	7.51	0.61	0.58	0.72	0.83	0.94	1.24	1.38	0.86	0.34
Three or more doors	0.58	0.08	Q	Q	Q	Q	0.12	0.07	0.13	Q
Does not use a second refrigerator	87.07	14.40	8.02	8.35	12.00	11.45	9.61	11.07	7.96	4.21
Second refrigerator age										
Less than 2 years old	5.09	0.89	0.40	0.49	0.57	0.44	0.58	0.90	0.34	0.48
2 to 4 years old	7.99	0.97	0.76	0.72	1.04	0.78	1.03	1.19	0.89	0.61
5 to 9 years old	12.45	1.55	1.00	1.05	1.75	1.44	1.68	1.98	1.65	0.36
10 to 14 years old	9.73	1.13	0.88	1.01	1.45	1.26	1.37	1.45	0.93	0.26
15 to 19 years old	5.41	0.60	0.50	0.56	0.65	0.67	0.88	1.03	0.44	0.07
20 or more years old	4.79	0.72	0.60	0.55	0.63	0.57	0.74	0.65	0.26	0.07
Does not use a second refrigerator	87.07	14.40	8.02	8.35	12.00	11.45	9.61	11.07	7.96	4.21
Second refrigerator location										
Basement	9.23	1.75	1.28	1.18	1.04	0.91	1.20	1.02	0.62	0.22
Garage	20.02	1.12	1.29	1.58	2.65	2.36	3.38	4.05	2.47	1.12
Outside	2.22	0.30	0.27	0.25	0.33	0.34	0.25	0.20	0.21	Q
Somewhere else in the home	13.95	2.66	1.30	1.36	2.07	1.52	1.44	1.93	1.20	0.45
Some other location ^d	Q	Q	N	N	N	Q	Q	Q	Q	N
Does not use a second refrigerator	87.07	14.40	8.02	8.35	12.00	11.45	9.61	11.07	7.96	4.21
Wine chiller										
Yes	7.10	0.86	0.47	0.49	0.67	0.80	1.05	1.17	1.06	0.53
No	125.43	19.39	11.70	12.23	17.42	15.80	14.84	17.11	11.41	5.53
Separate freezers										
Uses a separate freezer	48.64	7.20	4.34	4.76	6.85	5.75	6.48	6.70	4.60	1.96
One freezer	41.41	6.07	3.91	4.03	5.80	5.01	5.29	5.65	3.91	1.74
Two or more freezers	7.23	1.13	0.43	0.74	1.05	0.73	1.19	1.05	0.69	0.22
Does not use a separate freezer	83.89	13.04	7.83	7.96	11.24	10.85	9.41	11.58	7.88	4.10
Most-used separate freezer size										
Half-size or compact	5.34	1.01	0.50	0.47	0.50	0.80	0.62	0.76	0.41	0.25
Small (less than 17.6 cubic feet)	14.73	2.18	1.46	1.46	2.22	1.82	1.95	1.80	1.32	0.51
Medium (17.6 to 22.5 cubic feet)	18.59	2.53	1.71	1.83	2.78	2.19	2.47	2.50	1.76	0.81
Large (22.6 to 29.5 cubic feet)	9.15	1.34	0.62	0.90	1.26	0.88	1.36	1.49	0.96	0.35
Very large (more than 29.5 cubic feet)	0.84	0.15	Q	0.10	0.09	0.06	0.07	0.16	0.14	Q
Does not use a separate freezer	83.89	13.04	7.83	7.96	11.24	10.85	9.41	11.58	7.88	4.10
Most-used separate freezer type										
Upright	23.63	3.26	1.95	2.33	3.22	2.75	3.38	3.37	2.40	0.98
Chest	25.01	3.94	2.39	2.44	3.64	3.00	3.11	3.33	2.20	0.98
Does not use a separate freezer	83.89	13.04	7.83	7.96	11.24	10.85	9.41	11.58	7.88	4.10

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Most-used separate freezer age										
Less than 2 years old	6.53	0.89	0.58	0.49	0.82	0.79	0.88	1.01	0.63	0.45
2 to 4 years old	11.32	1.57	0.94	1.05	1.57	1.20	1.51	1.44	1.31	0.74
5 to 9 years old	13.38	2.10	1.21	1.28	1.91	1.51	1.62	1.93	1.38	0.44
10 to 14 years old	8.57	1.16	0.87	0.88	1.18	1.18	1.14	1.15	0.75	0.25
15 to 19 years old	4.05	0.55	0.32	0.40	0.74	0.45	0.68	0.62	0.24	Q
20 or more years old	4.79	0.92	0.42	0.65	0.65	0.63	0.66	0.55	0.28	Q
Does not use a separate freezer	83.89	13.04	7.83	7.96	11.24	10.85	9.41	11.58	7.88	4.10
Most-used separate freezer defrost type										
Manual	25.03	4.04	2.54	2.45	3.49	2.91	3.29	3.38	2.11	0.82
Automatic	23.61	3.16	1.80	2.31	3.36	2.84	3.19	3.32	2.49	1.14
Does not use a separate freezer	83.89	13.04	7.83	7.96	11.24	10.85	9.41	11.58	7.88	4.10
Dishwashers and usage										
Has a dishwasher	99.47	11.58	7.17	8.31	12.64	12.75	13.54	16.30	11.53	5.65
Used zero times per week	19.17	1.87	1.30	1.67	2.60	3.11	2.53	3.22	1.98	0.88
Used once per week	14.93	1.70	1.01	1.41	1.86	1.91	1.98	2.43	1.75	0.85
Used two to three times per week	31.30	3.63	2.50	2.39	3.81	3.67	4.24	5.41	4.03	1.61
Used four to six times per week	20.42	2.57	1.39	1.63	2.68	2.66	2.85	3.11	2.15	1.39
Used seven or more times per week	13.65	1.81	0.97	1.21	1.69	1.39	1.94	2.13	1.61	0.91
Does not have a dishwasher	33.06	8.67	5.00	4.42	5.44	3.85	2.35	1.98	0.95	0.41
Dishwasher age										
Less than 2 years old	15.07	2.06	0.86	1.41	1.61	1.58	2.01	2.66	1.31	1.58
2 to 4 years old	22.87	2.38	1.58	1.81	2.58	2.87	2.93	3.40	2.03	3.30
5 to 9 years old	34.21	3.82	2.66	2.65	4.65	4.48	4.59	5.17	5.55	0.62
10 to 14 years old	15.63	1.91	1.17	1.41	2.08	2.24	2.08	2.33	2.33	Q
15 to 19 years old	6.46	0.77	0.59	0.64	0.91	0.65	0.89	1.76	0.23	Q
20 or more years old	5.24	0.65	0.33	0.39	0.81	0.93	1.04	0.98	0.08	Q
Does not have a dishwasher	33.06	8.67	5.00	4.42	5.44	3.85	2.35	1.98	0.95	0.41
Most-used dishwasher cycle type										
Normal or default cycle <i>without</i> heated dry	15.17	2.03	1.34	1.32	1.83	1.64	2.03	2.52	1.61	0.86
Normal or default cycle <i>with</i> heated dry	50.94	5.71	3.42	4.25	6.46	6.07	6.76	8.58	6.43	3.25
Heavy or "pots and pans" cycle	4.94	0.69	0.38	0.40	0.67	0.75	0.67	0.63	0.57	0.18
Light or delicate cycle	1.31	0.26	0.12	0.08	0.19	0.13	0.17	0.20	0.10	Q
Energy saver cycle	5.29	0.68	0.36	0.43	0.51	0.74	0.99	0.76	0.58	0.22
Quick cycle	2.66	0.34	0.25	0.16	0.39	0.30	0.39	0.39	0.25	0.20
Does not have or use a dishwasher	52.23	10.53	6.30	6.09	8.04	6.97	4.88	5.20	2.93	1.29
Clothes washers										
Has a clothes washer at home	112.99	15.99	10.32	9.95	14.19	13.72	14.54	16.80	11.81	5.70
Top-loading	79.48	10.97	7.44	7.32	10.56	10.04	10.48	11.28	7.71	3.66
Front-loading	33.51	5.02	2.87	2.62	3.63	3.67	4.05	5.52	4.10	2.03
Does not have a clothes washer at home	19.54	4.26	1.85	2.78	3.90	2.89	1.35	1.48	0.67	0.36

Table HC3.3 Appliances in U.S. homes, by year of construction, 2024

Number of housing units (million)										
	Total U.S. ^a	Year of construction								
		Before 1950	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2009	2010 to 2019	2020 to 2024
All homes	132.54	20.25	12.17	12.73	18.09	16.60	15.89	18.28	12.48	6.06
Clothes washer age										
Less than 2 years old	18.45	2.51	1.59	1.57	2.20	2.25	2.24	2.91	1.85	1.33
2 to 4 years old	29.78	3.90	2.32	2.48	3.54	3.51	3.85	4.44	2.81	2.93
5 to 9 years old	38.94	5.26	3.62	3.40	4.78	4.90	5.07	5.71	5.08	1.11
10 to 14 years old	16.03	2.50	1.67	1.62	2.30	1.89	2.10	2.05	1.65	0.26
15 to 19 years old	5.54	1.04	0.61	0.46	0.82	0.57	0.66	1.09	0.27	Q
20 or more years old	4.26	0.79	0.50	0.42	0.55	0.60	0.61	0.60	0.14	Q
Does not have a clothes washer at home	19.54	4.26	1.85	2.78	3.90	2.89	1.35	1.48	0.67	0.36
Clothes washer usage										
0 loads per week	1.50	0.37	0.12	0.26	0.17	0.21	0.14	0.10	0.09	Q
1 to 4 loads per week	78.58	10.87	7.25	6.82	9.88	9.92	9.86	11.67	8.19	4.11
5 to 9 loads per week	26.78	3.85	2.45	2.42	3.45	2.99	3.62	4.05	2.69	1.25
10 to 15 loads per week	5.34	0.81	0.46	0.38	0.58	0.51	0.74	0.86	0.75	0.25
More than 15 loads per week	0.79	Q	Q	Q	0.10	Q	0.18	0.12	0.08	Q
Does not have a clothes washer at home	19.54	4.26	1.85	2.78	3.90	2.89	1.35	1.48	0.67	0.36
Usual water temperature setting for the wash cycle										
Hot	8.43	1.04	0.82	0.78	0.97	0.92	1.00	1.37	1.01	0.51
Warm	54.07	7.63	4.84	4.82	6.77	6.59	7.03	8.06	5.47	2.86
Cold	50.49	7.33	4.66	4.34	6.45	6.20	6.50	7.37	5.32	2.32
Does not have or use a clothes washer at home	19.54	4.26	1.85	2.78	3.90	2.89	1.35	1.48	0.67	0.36
Clothes dryer and fuel										
Has a clothes dryer at home	111.33	15.62	10.06	9.76	13.89	13.59	14.40	16.64	11.78	5.60
Electricity	90.96	11.48	7.38	7.55	11.77	11.57	11.94	13.92	10.39	4.96
Natural gas	19.09	3.98	2.66	2.14	1.88	1.85	2.26	2.47	1.26	0.60
Propane	1.28	0.16	Q	0.06	0.24	0.16	0.21	0.25	0.13	Q
Does not have a clothes dryer at home	21.20	4.63	2.11	2.97	4.20	3.01	1.49	1.64	0.70	0.46
Clothes dryer age										
Less than 2 years old	15.54	2.07	1.29	1.19	1.77	1.88	1.87	2.56	1.63	1.29
2 to 4 years old	26.51	3.17	2.07	2.16	2.96	3.15	3.52	4.00	2.62	2.87
5 to 9 years old	38.63	5.35	3.50	3.33	4.91	4.87	4.98	5.53	5.12	1.04
10 to 14 years old	18.45	2.69	1.92	1.94	2.57	2.31	2.37	2.49	1.85	0.31
15 to 19 years old	6.74	1.26	0.69	0.61	1.02	0.69	0.85	1.22	0.37	Q
20 or more years old	5.46	1.07	0.59	0.54	0.67	0.69	0.81	0.85	0.19	Q
Does not have a clothes dryer at home	21.20	4.63	2.11	2.97	4.20	3.01	1.49	1.64	0.70	0.46

Table HC3.3 Appliances in U.S. homes, by year of construction, 2024

	Number of housing units (million)									
	Year of construction									
	Total U.S. ^a	Before 1950	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2009	2010 to 2019	2020 to 2024
All homes	132.54	20.25	12.17	12.73	18.09	16.60	15.89	18.28	12.48	6.06
Clothes dryer usage										
0 loads per week	2.26	0.55	0.16	0.29	0.29	0.29	0.23	0.22	0.15	Q
1 to 4 loads per week	75.21	10.32	7.06	6.44	9.29	9.50	9.57	11.14	7.97	3.92
5 to 9 loads per week	27.36	3.83	2.33	2.56	3.48	3.11	3.64	4.31	2.81	1.29
10 to 15 loads per week	5.61	0.79	0.49	0.39	0.72	0.56	0.79	0.88	0.72	0.27
More than 15 loads per week	0.91	0.12	Q	Q	0.10	0.13	0.18	0.10	0.13	Q
Does not have a clothes dryer at home	21.20	4.63	2.11	2.97	4.20	3.01	1.49	1.64	0.70	0.46

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A of the 2024 Residential Energy Consumption Survey (RECS)

Note: Because of rounding, data may not sum to totals. See RECS Terminology for the definitions of terms used in these tables.

^a 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.

^b Dual-fuel includes ranges that use electricity and either propane or natural gas.

^c Some other small kitchen appliance includes food processors, electric kettles, stand mixers, bread makers, waffle makers, electric can openers, sandwich makers, coffee grinders, and many other reported appliances.

^d Some other location refers to indoor areas that are not within the main living area of the home. Some examples include in-law units, workrooms, or shops.

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

N=No households in reporting sample.

Relative standard errors (RSEs) for Table HC3.3 Appliances in U.S. homes, by year of construction, 2024

RSEs for number of housing units										
	Total U.S. ^a	Year of construction								
		Before 1950	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2009	2010 to 2019	2020 to 2024
All homes	P	P	P	P	P	P	P	P	2.05	4.23
Ranges (units with both an oven and a cooktop)										
Has a range	0.31	0.74	1.43	1.42	0.82	0.67	0.93	0.89	2.51	4.94
One range	0.34	0.86	1.45	1.52	0.88	0.76	0.93	0.91	2.48	4.88
Two or more ranges	6.26	11.01	20.81	20.36	20.60	22.30	20.87	16.43	27.60	34.49
Does not have a range	2.14	8.76	9.35	7.50	6.27	5.29	7.47	5.30	7.50	10.22
Most-used range: fuel										
Electricity	0.96	3.19	3.66	2.63	1.94	1.89	2.38	2.05	3.63	6.04
Natural gas	1.50	2.83	4.09	4.50	4.69	4.31	5.30	4.52	5.88	7.99
Propane	4.84	13.03	20.51	19.46	11.22	12.87	11.26	12.85	12.53	22.50
Dual-fuel ^b	4.04	9.58	13.69	15.09	14.04	15.99	11.67	11.10	11.42	20.68
Does not have a range	2.14	8.76	9.35	7.50	6.27	5.29	7.47	5.30	7.50	10.22
Most-used range: times cooktop part used per week										
0 times per week	4.10	9.04	15.05	11.31	8.80	9.29	14.90	10.69	16.02	25.54
1 to 3 times per week	2.09	6.03	7.71	7.63	6.14	6.27	7.55	5.58	8.49	11.25
4 to 7 times per week	1.12	2.67	3.14	3.55	2.64	3.59	3.09	2.49	3.73	6.99
8 to 14 times per week	2.10	4.77	6.51	6.47	6.10	5.77	5.03	5.10	6.37	14.26
15 or more times per week	2.98	7.21	10.38	10.32	8.82	10.15	9.20	9.10	10.55	15.05
Does not have a range	2.14	8.76	9.35	7.50	6.27	5.29	7.47	5.30	7.50	10.22
Most-used range: times oven part used per week										
0 times per week	2.33	6.04	8.71	6.68	5.12	7.08	6.15	5.89	9.08	13.53
1 to 3 times per week	1.00	2.88	3.22	3.37	2.91	2.89	2.96	2.59	4.03	5.17
4 to 7 times per week	1.55	4.25	5.91	5.09	4.93	4.92	5.12	4.45	7.02	12.14
8 to 14 times per week	4.78	11.62	13.56	15.28	14.10	12.07	14.77	18.64	16.41	30.38
15 or more times per week	10.66	25.91	Q	Q	35.12	30.30	26.82	30.89	Q	Q
Does not have a range	2.14	8.76	9.35	7.50	6.27	5.29	7.47	5.30	7.50	10.22
Separate cooktops										
Has a separate cooktop	2.05	7.85	9.29	6.99	6.03	5.49	7.18	4.88	7.19	8.84
One cooktop	2.13	7.94	9.32	7.06	6.11	5.76	7.27	4.92	7.50	9.17
Two or more cooktops	14.55	31.85	Q	Q	Q	Q	Q	34.03	Q	Q
Does not have a separate cooktop	0.33	0.73	1.53	1.48	0.87	0.74	1.16	0.94	2.54	5.04
Most-used separate cooktop: fuel										
Electricity	2.75	11.92	12.22	8.75	7.18	7.88	9.10	10.23	12.03	19.24
Natural gas	3.57	12.46	14.34	11.56	12.43	11.23	11.22	7.24	9.52	11.24
Propane	8.62	Q	Q	Q	30.87	28.06	21.03	18.83	19.68	27.79
Does not have a separate cooktop	0.33	0.73	1.53	1.48	0.87	0.74	1.16	0.94	2.54	5.04
Most-used separate cooktop: times used per week										
0 times per week	9.72	31.70	27.26	29.43	36.32	21.97	32.35	21.96	27.80	33.46
1 to 3 times per week	6.60	22.93	19.52	18.69	17.28	16.00	18.13	16.73	20.80	26.15
4 to 7 times per week	3.49	12.53	14.08	10.03	10.02	10.76	9.75	9.17	10.32	16.21
8 to 14 times per week	4.48	17.49	19.83	15.97	13.78	14.96	17.23	12.70	12.42	21.16
15 or more times per week	6.33	21.65	21.31	25.44	21.72	17.94	17.98	15.84	23.72	24.54
Does not have a separate cooktop	0.33	0.73	1.53	1.48	0.87	0.74	1.16	0.94	2.54	5.04

Relative standard errors (RSEs) for Table HC3.3 Appliances in U.S. homes, by year of construction, 2024

RSEs for number of housing units										
	Total U.S. ^a	Year of construction								
		Before 1950	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2009	2010 to 2019	2020 to 2024
All homes	P	P	P	P	P	P	P	P	2.05	4.23
Separate wall ovens										
Has a separate wall oven	2.22	7.91	9.96	6.26	6.39	4.64	5.91	5.34	6.53	8.35
One wall oven	2.68	8.55	11.82	6.51	7.56	5.44	7.36	6.34	7.32	10.02
Two or more wall ovens	4.35	19.70	19.18	17.86	11.74	13.74	12.36	8.60	11.66	17.45
Does not have a separate wall oven	0.43	0.80	1.72	1.57	1.07	0.82	1.11	1.28	2.77	4.89
Most-used separate wall oven: fuel										
Electricity	2.32	9.21	10.15	7.23	6.19	5.38	6.06	5.84	6.70	9.00
Natural gas	6.81	17.53	17.76	16.01	21.85	19.68	21.56	14.46	17.62	21.24
Propane	22.35	Q	Q	Q	Q	Q	Q	Q	Q	Q
Does not have a separate wall oven	0.43	0.80	1.72	1.57	1.07	0.82	1.11	1.28	2.77	4.89
Most-used separate wall oven: times used per week										
0 times per week	7.33	22.03	25.48	17.63	19.89	14.79	19.72	15.28	17.01	28.98
1 to 3 times per week	3.45	11.72	13.86	9.08	9.78	9.66	10.91	6.37	9.83	14.33
4 to 7 times per week	3.63	11.73	17.29	11.39	10.85	9.89	10.00	10.64	11.34	13.25
8 to 14 times per week	11.07	29.87	35.35	34.97	31.47	27.50	25.05	23.50	24.11	Q
15 or more times per week	19.19	Q	Q	N	Q	Q	Q	Q	Q	Q
Does not have a separate wall oven	0.43	0.80	1.72	1.57	1.07	0.82	1.11	1.28	2.77	4.89
Frequency of hot meals cooked										
No hot meals cooked	10.23	20.84	Q	32.72	26.94	22.82	29.78	21.63	31.50	Q
Less than once a week	4.29	12.30	14.14	15.82	11.49	14.55	15.17	13.30	15.69	21.71
About once a week	5.30	15.66	19.03	16.36	18.50	15.80	17.18	13.89	20.02	32.86
A few times each week	2.04	4.60	6.20	5.74	5.86	5.26	5.17	5.22	6.67	8.92
Once a day	1.58	4.23	4.94	6.39	4.80	4.48	4.56	4.20	5.70	10.73
Two times a day	1.43	3.83	4.76	4.83	3.99	4.22	3.84	3.73	6.20	8.03
Three or more times a day	2.19	5.82	5.93	6.80	5.05	5.93	6.40	6.17	6.46	10.86
Microwave ovens										
Uses a microwave oven	0.23	0.67	0.87	0.61	0.52	0.70	0.65	0.48	2.21	4.23
One microwave oven	0.31	0.93	1.14	0.95	0.74	1.01	0.92	0.60	2.16	4.28
Two or more microwave ovens	4.59	10.44	15.07	13.92	16.66	13.33	11.35	10.23	13.83	20.56
Does not use a microwave oven	4.61	8.37	14.09	12.87	9.43	13.94	16.06	15.58	19.49	25.12
Microwave oven usage										
0 times per week	10.08	21.73	Q	36.38	28.02	24.56	33.36	25.64	32.64	37.09
1 to 3 times per week	2.56	8.08	10.49	9.23	7.81	7.11	8.50	7.82	10.78	13.67
4 to 7 times per week	1.26	2.66	3.79	4.25	3.32	3.41	3.27	3.24	4.23	7.09
8 to 14 times per week	1.35	4.49	5.00	5.64	4.01	4.24	4.02	4.25	6.25	8.81
15 or more times per week	1.67	4.11	5.50	5.43	4.11	4.74	3.74	3.34	5.76	7.71
Does not use a microwave oven	4.61	8.37	14.09	12.87	9.43	13.94	16.06	15.58	19.49	25.12
Outdoor grills and fuel										
Uses an outdoor grill	0.75	1.81	2.57	2.58	2.04	2.52	2.60	2.41	3.73	6.81
Natural gas	4.16	10.85	14.75	10.87	12.34	10.67	12.64	10.13	10.20	13.80
Propane	1.11	3.33	3.48	3.62	2.97	3.67	3.15	3.41	5.04	8.25
Charcoal	2.45	5.28	6.18	7.33	5.01	5.92	7.10	5.81	8.53	12.95
Does not use an outdoor grill	0.83	1.84	3.27	2.83	2.22	2.33	3.38	2.93	3.67	5.64

Relative standard errors (RSEs) for Table HC3.3 Appliances in U.S. homes, by year of construction, 2024

RSEs for number of housing units										
	Total U.S. ^a	Year of construction								
		Before 1950	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2009	2010 to 2019	2020 to 2024
All homes	P	P	P	P	P	P	P	P	2.05	4.23
Small kitchen appliances used at least once each week (more than one may apply)										
Toaster	0.74	2.14	2.24	2.81	1.92	2.63	2.18	2.25	3.55	5.70
Toaster oven	1.72	4.29	4.22	4.43	4.13	4.53	4.07	3.98	6.21	8.53
Coffee maker	0.57	1.54	2.20	1.74	1.47	1.68	1.31	1.58	2.86	4.81
Crock-Pot or slow cooker	1.37	4.68	5.09	5.33	3.57	4.25	4.66	3.80	4.38	8.35
Instant Pot or electric pressure cooker	2.20	7.62	8.02	7.71	6.36	6.04	7.04	6.52	7.07	12.71
Air fryer	1.00	2.58	3.42	3.27	2.68	2.77	3.31	2.24	3.75	5.87
Rice cooker	2.10	6.94	6.62	6.66	6.07	5.34	5.54	5.66	6.47	12.09
Blender or juicer	1.36	3.74	4.54	4.85	3.53	4.10	3.77	2.89	4.95	7.27
Some other small kitchen appliance ^c	4.34	9.66	12.38	11.50	11.07	11.39	10.12	10.64	12.29	18.79
Refrigerators										
Uses a refrigerator	0.05	0.17	0.14	0.16	0.08	0.21	0.13	0.10	2.05	4.25
One refrigerator	0.57	1.35	2.49	1.79	1.83	1.50	2.15	1.94	2.98	5.65
Two or more refrigerators	1.08	3.22	4.75	3.42	3.62	3.25	3.37	2.95	4.46	7.78
Does not use a refrigerator	15.50	Q	Q	Q	Q	32.22	Q	Q	Q	Q
Most-used refrigerator size										
Half-size or compact	9.14	19.28	34.62	34.70	25.11	32.32	25.28	20.32	31.14	Q
Small (less than 17.6 cubic feet)	4.53	9.85	15.91	14.44	11.29	10.58	18.19	16.92	16.05	34.86
Medium (17.6 to 22.5 cubic feet)	1.04	2.34	3.20	3.73	2.44	3.22	2.56	3.65	4.87	6.62
Large (22.6 to 29.5 cubic feet)	0.87	2.88	3.27	3.69	2.43	3.29	2.29	2.46	3.23	6.17
Very large (more than 29.5 cubic feet)	6.02	19.26	26.00	21.28	15.68	16.21	15.76	14.43	16.87	26.95
Does not use a refrigerator	15.50	Q	Q	Q	Q	32.22	Q	Q	Q	Q
Most-used refrigerator type										
Half-size or compact	9.14	19.28	34.62	34.70	25.11	32.32	25.28	20.32	31.14	Q
One door	3.07	6.73	8.42	9.12	7.33	6.90	10.91	10.87	12.10	22.36
Two doors, top freezer	1.24	2.99	5.10	4.42	4.03	4.61	5.16	4.65	6.55	10.73
Two doors, bottom freezer	1.26	3.87	5.20	5.13	3.99	4.17	4.12	3.36	5.20	7.67
Two doors, side-by-side	1.27	4.77	5.94	5.05	4.01	4.71	3.94	3.65	4.64	6.23
Three or more doors	3.92	13.55	14.27	13.37	11.52	12.38	11.34	9.76	10.45	14.50
Does not use a refrigerator	15.50	Q	Q	Q	Q	32.22	Q	Q	Q	Q
Most-used refrigerator age										
Less than 2 years old	2.14	6.06	8.72	7.89	6.35	7.25	6.59	6.04	8.64	8.25
2 to 4 years old	1.45	4.63	6.76	6.17	4.86	4.16	4.12	4.43	6.38	6.10
5 to 9 years old	1.16	3.15	4.89	4.35	3.80	3.70	4.53	4.05	4.22	11.46
10 to 14 years old	2.02	5.27	6.68	6.49	5.21	5.10	7.58	6.04	6.63	32.54
15 to 19 years old	3.46	9.92	10.74	11.52	9.66	10.20	10.24	6.98	23.94	Q
20 or more years old	3.89	9.16	13.30	11.89	12.63	11.14	10.48	10.14	32.16	Q
Does not use a refrigerator	15.50	Q	Q	Q	Q	32.22	Q	Q	Q	Q
Most-used refrigerator through-the-door ice service										
Yes	0.97	3.46	4.85	4.46	3.37	3.24	2.60	2.30	3.53	5.76
No	0.67	1.34	2.43	2.35	1.88	2.03	2.34	2.48	4.16	6.82
Does not use a refrigerator	15.50	Q	Q	Q	Q	32.22	Q	Q	Q	Q
Second refrigerator										
Uses a second refrigerator	1.08	3.22	4.75	3.42	3.62	3.25	3.37	2.95	4.46	7.78
Does not use a second refrigerator	0.56	1.31	2.45	1.80	1.84	1.46	2.20	1.92	2.97	5.67

Relative standard errors (RSEs) for Table HC3.3 Appliances in U.S. homes, by year of construction, 2024

RSEs for number of housing units										
	Total U.S. ^a	Year of construction								
		Before 1950	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2009	2010 to 2019	2020 to 2024
All homes	P	P	P	P	P	P	P	P	2.05	4.23
Second refrigerator size										
Half-size or compact	3.16	7.37	10.76	10.45	7.24	9.72	7.84	8.16	12.30	20.37
Small (less than 17.6 cubic feet)	3.49	9.89	14.42	15.37	9.87	9.66	9.51	9.90	12.22	19.44
Medium (17.6 to 22.5 cubic feet)	2.30	7.20	7.41	6.19	6.44	6.20	6.54	5.04	7.23	11.30
Large (22.6 to 29.5 cubic feet)	3.21	10.72	13.58	11.15	8.82	8.79	7.57	5.71	8.69	16.16
Very large (more than 29.5 cubic feet)	15.41	Q	Q	Q	Q	Q	Q	29.06	Q	Q
Does not use a second refrigerator	0.56	1.31	2.45	1.80	1.84	1.46	2.20	1.92	2.97	5.67
Second refrigerator type										
Half-size or compact	3.16	7.37	10.76	10.45	7.24	9.72	7.84	8.16	12.30	20.37
One door	3.56	9.95	13.55	10.32	8.57	11.78	10.95	8.64	11.73	20.80
Two doors, top freezer	2.68	6.52	7.62	6.57	6.85	7.35	5.53	6.45	7.71	13.23
Two doors, bottom freezer	5.87	16.50	19.83	16.47	18.65	14.77	13.69	9.96	16.24	26.27
Two doors, side-by-side	3.57	11.54	12.28	11.42	9.77	9.68	8.89	8.16	9.84	14.77
Three or more doors	14.01	41.03	Q	Q	Q	Q	30.71	35.70	35.39	Q
Does not use a second refrigerator	0.56	1.31	2.45	1.80	1.84	1.46	2.20	1.92	2.97	5.67
Second refrigerator age										
Less than 2 years old	5.03	11.79	17.17	13.40	14.39	13.96	12.15	11.90	18.17	15.73
2 to 4 years old	3.23	11.50	11.27	11.33	10.01	12.04	11.15	10.28	9.52	13.41
5 to 9 years old	2.66	7.95	9.60	8.43	7.72	8.27	7.92	6.52	7.76	16.92
10 to 14 years old	2.96	9.58	12.12	10.67	7.38	8.01	8.62	8.03	12.23	16.96
15 to 19 years old	4.14	13.25	12.79	12.00	10.12	11.24	11.94	9.94	13.70	41.67
20 or more years old	4.37	12.27	11.35	12.27	11.06	12.45	11.81	12.92	17.97	35.49
Does not use a second refrigerator	0.56	1.31	2.45	1.80	1.84	1.46	2.20	1.92	2.97	5.67
Second refrigerator location										
Basement	3.25	6.07	8.26	8.46	9.49	8.54	7.68	8.82	11.94	18.91
Garage	2.08	8.24	9.44	7.48	6.02	6.02	5.19	4.57	5.38	9.92
Outside	7.33	18.80	23.71	21.22	17.12	20.36	21.93	22.42	24.15	Q
Somewhere else in the home	2.55	5.29	9.42	7.64	7.11	8.19	9.24	6.05	9.09	20.54
Some other location ^d	Q	Q	N	N	N	Q	Q	Q	Q	N
Does not use a second refrigerator	0.56	1.31	2.45	1.80	1.84	1.46	2.20	1.92	2.97	5.67
Wine chiller										
Yes	4.20	10.61	13.13	14.60	13.42	10.83	10.63	9.19	10.03	16.41
No	0.24	0.47	0.53	0.59	0.51	0.55	0.75	0.63	2.15	4.75
Separate freezers										
Uses a separate freezer	1.15	3.33	4.07	3.65	3.15	3.16	2.90	3.23	4.61	7.93
One freezer	1.38	4.02	4.65	4.56	3.56	3.64	3.63	3.48	4.85	8.74
Two or more freezers	3.62	10.41	18.51	11.83	8.45	10.69	9.35	10.28	10.55	23.32
Does not use a separate freezer	0.66	1.84	2.25	2.18	1.92	1.68	2.00	1.87	2.61	5.62
Most-used separate freezer size										
Half-size or compact	5.52	12.48	14.17	14.52	13.66	12.96	12.18	11.61	17.37	21.73
Small (less than 17.6 cubic feet)	2.69	7.24	9.01	8.60	6.83	5.86	6.90	8.44	8.50	15.88
Medium (17.6 to 22.5 cubic feet)	2.43	5.97	7.68	7.47	5.73	6.17	6.02	5.39	7.69	13.86
Large (22.6 to 29.5 cubic feet)	2.71	9.76	13.44	9.12	7.83	8.87	8.08	7.39	9.41	16.41
Very large (more than 29.5 cubic feet)	11.43	31.39	Q	25.21	26.91	41.78	33.44	24.45	29.01	Q
Does not use a separate freezer	0.66	1.84	2.25	2.18	1.92	1.68	2.00	1.87	2.61	5.62
Most-used separate freezer type										
Upright	1.35	5.04	5.61	5.79	5.61	5.51	4.72	4.88	6.27	8.74
Chest	2.01	5.01	6.26	6.49	4.93	5.97	5.58	5.58	7.44	11.51
Does not use a separate freezer	0.66	1.84	2.25	2.18	1.92	1.68	2.00	1.87	2.61	5.62

Relative standard errors (RSEs) for Table HC3.3 Appliances in U.S. homes, by year of construction, 2024

RSEs for number of housing units										
	Total U.S. ^a	Year of construction								
		Before 1950	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2009	2010 to 2019	2020 to 2024
All homes	P	P	P	P	P	P	P	P	2.05	4.23
Most-used separate freezer age										
Less than 2 years old	4.30	11.79	15.06	14.18	12.61	13.06	11.07	8.72	14.03	19.13
2 to 4 years old	3.14	7.36	9.75	10.27	8.41	9.03	9.19	8.28	9.63	13.80
5 to 9 years old	2.91	7.52	8.72	7.45	7.31	7.07	7.61	8.06	7.68	15.76
10 to 14 years old	3.09	9.79	10.75	7.14	8.85	8.09	6.69	10.59	11.81	16.91
15 to 19 years old	4.59	14.65	16.45	15.69	10.28	12.59	9.88	12.01	17.82	Q
20 or more years old	4.64	10.64	15.38	12.28	11.85	10.24	13.11	12.19	16.74	Q
Does not use a separate freezer	0.66	1.84	2.25	2.18	1.92	1.68	2.00	1.87	2.61	5.62
Most-used separate freezer defrost type										
Manual	1.79	4.74	6.20	6.60	5.25	5.34	5.10	5.15	7.19	11.11
Automatic	1.91	5.70	8.48	5.72	5.64	4.38	4.90	5.06	6.35	10.19
Does not use a separate freezer	0.66	1.84	2.25	2.18	1.92	1.68	2.00	1.87	2.61	5.62
Dishwashers and usage										
Has a dishwasher	0.54	2.10	2.87	2.11	1.75	1.48	1.08	0.82	2.22	4.24
Used zero times per week	2.46	7.37	9.09	8.53	5.55	6.04	7.10	5.62	7.92	11.34
Used once per week	2.67	7.54	11.11	8.64	6.55	7.69	5.81	5.78	7.88	12.20
Used two to three times per week	1.85	4.85	6.06	5.84	5.33	4.77	4.67	4.02	4.41	9.40
Used four to six times per week	2.58	5.64	9.22	6.99	6.64	6.56	6.59	5.71	6.75	8.67
Used seven or more times per week	2.66	7.25	10.70	11.27	8.15	8.01	6.55	6.43	7.02	10.52
Does not have a dishwasher	1.61	2.80	4.12	3.97	4.08	4.91	6.22	6.74	10.84	15.95
Dishwasher age										
Less than 2 years old	2.21	7.63	11.04	9.39	6.42	7.72	6.92	5.44	10.03	8.20
2 to 4 years old	2.28	6.25	7.56	8.26	6.26	6.31	5.10	6.33	8.44	5.69
5 to 9 years old	1.51	5.58	6.22	5.79	3.89	4.18	4.05	4.22	4.13	13.23
10 to 14 years old	2.26	8.83	9.32	8.82	6.40	6.13	6.91	6.34	6.73	Q
15 to 19 years old	4.34	12.43	13.99	12.42	10.59	11.39	10.25	7.42	18.95	Q
20 or more years old	3.92	13.41	18.50	15.20	12.72	10.13	9.10	9.50	38.31	Q
Does not have a dishwasher	1.61	2.80	4.12	3.97	4.08	4.91	6.22	6.74	10.84	15.95
Most-used dishwasher cycle type										
Normal or default cycle <i>without</i> heated dry	2.96	6.71	9.65	9.55	9.76	7.51	7.11	5.95	7.94	13.87
Normal or default cycle <i>with</i> heated dry	1.09	3.80	5.60	4.37	3.12	3.63	3.58	2.34	3.33	5.10
Heavy or "pots and pans" cycle	4.55	11.91	16.76	15.97	11.78	10.20	9.74	13.54	15.16	24.62
Light or delicate cycle	8.78	25.97	29.76	33.72	21.20	22.55	30.60	23.54	33.40	Q
Energy saver cycle	4.13	12.27	19.02	13.37	12.33	10.46	9.93	10.51	13.39	19.14
Quick cycle	5.85	16.86	19.29	24.74	16.88	19.02	15.98	14.07	19.09	22.28
Does not have or use a dishwasher	1.30	2.33	3.59	3.21	2.67	3.16	4.31	4.08	6.06	9.73
Clothes washers										
Has a clothes washer at home	0.33	1.22	1.66	1.72	1.31	1.18	0.84	0.89	2.10	4.41
Top-loading	0.73	2.68	2.54	2.52	2.25	2.00	2.05	2.22	3.78	5.97
Front-loading	1.35	4.51	5.74	5.26	5.14	4.76	5.04	3.50	4.47	5.93
Does not have a clothes washer at home	1.89	4.58	9.25	6.14	4.77	5.63	9.05	10.11	15.71	17.50

Relative standard errors (RSEs) for Table HC3.3 Appliances in U.S. homes, by year of construction, 2024

RSEs for number of housing units										
	Total U.S. ^a	Year of construction								
		Before 1950	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2009	2010 to 2019	2020 to 2024
All homes	P	P	P	P	P	P	P	P	2.05	4.23
Clothes washer age										
Less than 2 years old	2.36	6.53	8.19	7.35	6.11	6.51	6.40	5.71	7.15	9.69
2 to 4 years old	1.75	5.21	4.73	6.79	5.12	4.04	4.25	4.41	5.60	6.75
5 to 9 years old	1.35	3.56	5.28	4.57	3.38	4.29	3.84	3.69	4.14	11.29
10 to 14 years old	2.59	6.06	8.85	7.84	4.64	6.84	7.38	6.54	8.42	18.11
15 to 19 years old	4.49	11.87	13.96	13.25	9.39	13.79	11.53	10.65	19.41	Q
20 or more years old	5.23	12.83	16.51	16.60	14.11	11.87	14.68	12.23	25.12	Q
Does not have a clothes washer at home	1.89	4.58	9.25	6.14	4.77	5.63	9.05	10.11	15.71	17.50
Clothes washer usage										
0 loads per week	8.53	18.34	29.06	20.93	22.85	22.66	24.21	35.52	30.81	Q
1 to 4 loads per week	0.82	2.42	2.59	2.81	2.54	1.96	2.03	1.86	3.17	5.18
5 to 9 loads per week	1.72	4.13	6.73	5.96	5.10	5.22	4.73	4.08	5.67	8.98
10 to 15 loads per week	4.52	13.47	16.28	15.13	14.11	12.51	10.62	11.21	11.48	21.22
More than 15 loads per week	12.44	Q	Q	Q	28.43	Q	27.41	29.44	29.40	Q
Does not have a clothes washer at home	1.89	4.58	9.25	6.14	4.77	5.63	9.05	10.11	15.71	17.50
Usual water temperature setting for the wash cycle										
Hot	3.73	10.69	11.24	12.06	9.78	8.79	8.67	8.22	12.46	14.16
Warm	1.05	2.58	3.29	4.53	2.74	3.20	2.80	2.90	3.84	5.30
Cold	1.05	3.45	4.62	4.25	3.41	3.48	3.06	3.28	3.71	8.49
Does not have or use a clothes washer at home	1.89	4.58	9.25	6.14	4.77	5.63	9.05	10.11	15.71	17.50
Clothes dryer and fuel										
Has a clothes dryer at home	0.34	1.31	1.71	1.74	1.37	1.24	0.88	0.94	2.11	4.31
Electricity	0.66	1.96	2.52	2.36	1.92	1.67	1.55	1.40	2.37	4.52
Natural gas	2.19	3.66	5.45	6.78	7.88	7.14	5.78	5.77	9.27	13.28
Propane	8.10	24.81	Q	42.39	17.83	23.13	22.69	17.12	26.01	Q
Does not have a clothes dryer at home	1.79	4.42	8.18	5.72	4.54	5.59	8.53	9.52	14.60	16.12
Clothes dryer age										
Less than 2 years old	2.78	7.53	9.97	9.66	7.61	6.46	7.54	5.72	7.21	10.50
2 to 4 years old	2.04	6.08	6.11	7.97	5.32	5.32	4.55	4.88	6.60	6.45
5 to 9 years old	1.60	3.51	5.52	4.34	3.49	4.44	4.49	3.35	4.14	10.83
10 to 14 years old	2.01	6.06	6.55	7.15	4.97	6.19	6.38	6.43	7.43	18.83
15 to 19 years old	4.10	10.79	12.50	13.27	8.09	13.89	11.28	9.10	17.26	Q
20 or more years old	3.87	10.49	13.85	13.99	13.56	11.27	10.80	10.84	23.53	Q
Does not have a clothes dryer at home	1.79	4.42	8.18	5.72	4.54	5.59	8.53	9.52	14.60	16.12

Relative standard errors (RSEs) for Table HC3.3 Appliances in U.S. homes, by year of construction, 2024

RSEs for number of housing units										
	Total U.S. ^a	Year of construction								
		Before 1950	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2009	2010 to 2019	2020 to 2024
All homes	P	P	P	P	P	P	P	P	2.05	4.23
Clothes dryer usage										
0 loads per week	7.13	14.84	23.21	22.00	16.51	18.67	18.68	24.62	27.11	Q
1 to 4 loads per week	0.85	2.43	2.66	2.82	2.73	1.98	2.24	2.06	3.37	5.20
5 to 9 loads per week	1.75	4.31	6.60	5.60	4.87	5.45	4.53	4.07	5.75	8.88
10 to 15 loads per week	4.22	13.92	16.47	14.49	12.30	11.63	10.21	11.30	12.73	19.62
More than 15 loads per week	11.42	31.60	Q	Q	29.48	26.25	30.09	32.57	25.29	Q
Does not have a clothes dryer at home	1.79	4.42	8.18	5.72	4.54	5.59	8.53	9.52	14.60	16.12

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A of the 2024 Residential Energy Consumption Survey (RECS)

Note: Because of rounding, data may not sum to totals. See RECS Terminology for the definitions of terms used in these tables.

^a *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.

^b Dual-fuel includes ranges that use electricity and either propane or natural gas.

^c *Some other small kitchen appliance* includes food processors, electric kettles, stand mixers, bread makers, waffle makers, electric can openers, sandwich makers, coffee grinders, and many other reported appliances.

^d *Some other location* refers to indoor areas that are not within the main living area of the home. Some examples include in-law units, workrooms, or shops.

P=Estimate is equal to the control total that is used in poststratification and is based on the U.S. Census Bureau's 2024 American Community Survey one-year estimates.

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

N=No households in reporting sample.