

**Table WF01. Average Consumer Prices and Expenditures for Heating Fuels During the Winter**

U.S. Energy Information Administration | Short-Term Energy Outlook - October 2022

Fuel / Region	Winter of							Forecast	
	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	% Change
<b>Natural Gas</b>									
<b>Northeast</b>									
Consumption (Mcf**)	57.4	61.5	65.3	66.8	61.1	62.2	62.4	65.2	4.5
Price (\$/mcf)	10.18	10.70	11.37	11.67	11.72	11.77	14.29	16.78	17.4
Expenditures (\$)	584	659	742	780	716	732	892	1,094	22.7
<b>Midwest</b>									
Consumption (Mcf)	63.6	64.8	73.9	76.9	69.7	70.6	70.3	73.5	4.5
Price (\$/mcf)	7.55	8.28	7.83	7.82	7.44	7.80	10.85	13.80	27.1
Expenditures (\$)	480	536	578	601	519	551	763	1,013	32.9
<b>South</b>									
Consumption (Mcf)	40.3	38.0	45.6	46.0	41.4	44.8	42.7	45.8	7.3
Price (\$/mcf)	10.72	12.04	11.23	10.61	11.03	11.40	14.38	16.60	15.4
Expenditures (\$)	432	457	512	488	457	511	614	761	23.9
<b>West</b>									
Consumption (Mcf)	44.7	45.6	43.9	48.8	47.4	46.6	45.6	47.8	4.9
Price (\$/mcf)	9.92	10.68	10.25	10.14	10.44	11.38	14.17	17.46	23.2
Expenditures (\$)	444	488	450	495	495	530	645	834	29.3
<b>U.S. Average</b>									
Consumption (Mcf)	51.8	53.0	57.6	60.2	55.5	56.4	55.6	58.4	4.9
Price (\$/mcf)	9.28	10.06	9.81	9.72	9.72	10.17	13.02	15.95	22.5
Expenditures (\$)	481	533	565	586	539	573	724	931	28.5
<b>Heating Oil</b>									
<b>U.S. Average</b>									
Consumption (gallons)	436.8	468.5	495.8	512.4	467.7	475.3	477.0	518.8	8.7
Price (\$/gallon)	2.06	2.41	2.78	3.07	2.89	2.55	3.90	4.54	16.4
Expenditures (\$)	901	1,129	1,377	1,571	1,352	1,212	1,859	2,354	26.6
<b>Electricity</b>									
<b>Northeast</b>									
Consumption (kWh***)	7,705	8,051	8,345	8,482	8,014	8,178	8,116	8,346	2.8
Price (\$/kwh)	0.164	0.165	0.169	0.169	0.172	0.172	0.186	0.201	8.1
Expenditures (\$)	1,263	1,324	1,407	1,435	1,375	1,406	1,510	1,679	11.2
<b>Midwest</b>									
Consumption (kWh)	9,366	9,479	10,382	10,710	10,004	10,152	10,031	10,338	3.1
Price (\$/kwh)	0.122	0.124	0.124	0.123	0.125	0.127	0.133	0.139	4.7
Expenditures (\$)	1,138	1,173	1,289	1,320	1,247	1,285	1,332	1,437	7.9
<b>South</b>									
Consumption (kWh)	8,786	8,515	9,549	9,542	8,903	9,467	9,092	9,542	4.9
Price (\$/kwh)	0.110	0.111	0.112	0.113	0.114	0.116	0.123	0.131	6.5
Expenditures (\$)	968	949	1,065	1,074	1,018	1,096	1,118	1,249	11.8
<b>West</b>									
Consumption (kWh)	8,444	8,565	8,334	8,993	8,813	8,747	8,547	8,857	3.6
Price (\$/kwh)	0.130	0.132	0.136	0.136	0.138	0.147	0.157	0.163	3.9
Expenditures (\$)	1,096	1,129	1,131	1,223	1,214	1,289	1,338	1,440	7.6
<b>U.S. Average</b>									
Consumption (kWh)	8,457	8,425	9,051	9,260	8,741	9,053	8,833	9,189	4.0
Price (\$/kwh)	0.124	0.125	0.126	0.127	0.128	0.131	0.140	0.148	5.9
Expenditures (\$)	1,044	1,055	1,142	1,174	1,123	1,188	1,233	1,359	10.2

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Fuel / Region	Winter of							Forecast	
	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	% Change
<b>Propane</b>									
<b>Northeast</b>									
Consumption (gallons)	505.7	542.6	569.3	585.9	538.3	545.6	547.8	571.2	4.3
Price* (\$/gallon)	2.71	3.03	3.24	3.19	2.50	2.51	3.33	3.45	3.6
Expenditures (\$)	1,371	1,644	1,844	1,869	1,346	1,369	1,825	1,971	8.0
<b>Midwest</b>									
Consumption (gallons)	618.3	629.0	715.1	746.9	679.4	685.1	681.5	710.7	4.3
Price* (\$/gallon)	1.47	1.58	1.82	1.72	1.53	1.56	2.30	2.32	0.5
Expenditures (\$)	909	994	1,302	1,285	1,039	1,069	1,570	1,646	4.8
<b>South</b>									
Consumption (gallons)	448.9	428.0	504.5	504.5	458.7	493.0	471.8	505.8	7.2
Price* (\$/gallon)	2.27	2.45	2.59	2.63	2.31	2.33	3.09	2.99	-3.4
Expenditures (\$)	1,020	1,047	1,308	1,326	1,062	1,146	1,460	1,513	3.6
<b>Number of households by primary space heating fuel (thousands)</b>									
<b>Northeast</b>									
Natural gas	11,845	11,975	12,124	12,281	12,320	12,122	12,239	12,471	1.9
Heating oil	4,946	4,804	4,756	4,623	4,674	4,531	4,183	4,056	-3.1
Propane	888	938	983	1,027	1,038	1,127	1,189	1,157	-2.7
Electricity	3,266	3,343	3,405	3,517	3,518	3,720	3,927	3,940	0.3
Wood	514	474	472	450	455	433	381	357	-6.3
Other/None	435	435	443	451	459	520	555	556	0.2
<b>Midwest</b>									
Natural gas	18,181	18,174	18,241	18,266	18,338	18,198	18,064	18,030	-0.2
Heating oil	300	285	277	270	274	261	235	224	-4.6
Propane	2,069	2,049	2,104	2,176	2,182	2,201	2,210	2,195	-0.7
Electricity	5,725	5,848	5,948	6,021	6,020	6,225	6,580	6,773	2.9
Wood	585	550	525	499	510	482	415	383	-7.8
Other/None	353	358	360	348	352	374	394	414	5.0
<b>South</b>									
Natural gas	13,959	13,932	13,986	14,061	14,237	14,226	14,200	14,371	1.2
Heating oil	652	619	609	579	584	559	506	498	-1.6
Propane	1,899	1,860	1,853	1,863	1,910	1,908	1,912	1,947	1.9
Electricity	29,522	29,903	30,348	30,751	31,020	31,530	32,265	32,729	1.4
Wood	552	510	485	473	487	437	382	385	0.8
Other/None	413	427	434	454	483	588	634	609	-3.9
<b>West</b>									
Natural gas	15,251	15,362	15,489	15,551	15,692	15,452	15,327	15,474	1.0
Heating oil	219	213	213	214	216	209	192	182	-5.3
Propane	919	931	957	975	996	1,036	1,041	1,028	-1.2
Electricity	9,191	9,311	9,439	9,604	9,692	10,131	10,441	10,430	-0.1
Wood	716	697	685	671	684	635	596	621	4.3
Other/None	1,085	1,056	1,085	1,095	1,071	1,085	1,165	1,268	8.8
<b>U.S. Totals</b>									
Natural gas	59,235	59,444	59,839	60,160	60,588	59,997	59,831	60,345	0.9
Heating oil	6,118	5,921	5,855	5,686	5,749	5,561	5,117	4,960	-3.1
Propane	5,776	5,778	5,897	6,042	6,126	6,272	6,351	6,327	-0.4
Electricity	47,703	48,404	49,141	49,893	50,250	51,606	53,212	53,872	1.2
Wood	2,367	2,230	2,167	2,093	2,137	1,988	1,774	1,746	-1.6
Other/None	2,285	2,275	2,323	2,348	2,365	2,566	2,749	2,848	3.6
<b>Heating degree days</b>									
Northeast	4,320	4,699	5,014	5,165	4,658	4,747	4,769	5,017	5.2
Midwest	4,689	4,792	5,577	5,846	5,228	5,296	5,267	5,540	5.2
South	2,015	1,884	2,353	2,361	2,074	2,284	2,156	2,356	9.3
West	2,958	3,043	2,890	3,300	3,189	3,107	3,027	3,217	6.3
U.S. Average	3,209	3,264	3,622	3,801	3,444	3,530	3,455	3,671	6.3

Note: Winter covers the period October 1 through March 31. Fuel prices are nominal prices. Fuel consumption per household is based only on households that use that fuel as the primary space-heating fuel. Included in fuel consumption is consumption for water heating, appliances, electronics, and lighting (electricity). Per-household consumption based on EIA's 2015 Residential Energy Consumption Surveys corrected for actual and projected heating degree days. Number of households using heating oil includes kerosene.