

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

U.S. Energy Information Administration | Short-Term Energy Outlook - March 2020

Fuel / Region	Winter of							Forecast	
	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	% Change
<b>Natural Gas</b>									
<b>Northeast</b>									
Consumption (Mcf**)	64.7	71.7	72.3	57.4	61.5	65.3	66.8	63.0	-5.7
Price (\$/mcf)	11.71	11.52	10.80	10.18	10.70	11.37	11.70	11.42	-2.4
Expenditures (\$)	757	826	780	584	659	742	781	719	-8.0
<b>Midwest</b>									
Consumption (Mcf)	73.5	84.2	79.1	63.6	64.8	73.9	76.9	71.4	-7.2
Price (\$/mcf)	8.34	8.68	8.54	7.55	8.28	7.83	7.83	7.45	-4.8
Expenditures (\$)	614	731	676	480	536	578	602	532	-11.7
<b>South</b>									
Consumption (Mcf)	46.6	52.7	50.9	40.3	37.9	45.5	46.0	43.2	-6.0
Price (\$/mcf)	10.67	10.71	10.75	10.72	12.04	11.24	10.68	11.08	3.7
Expenditures (\$)	497	564	547	432	457	512	491	479	-2.5
<b>West</b>									
Consumption (Mcf)	47.5	45.2	40.1	44.7	45.6	43.8	48.8	46.9	-4.0
Price (\$/mcf)	9.13	9.96	10.71	9.92	10.68	10.25	10.28	10.28	0.0
Expenditures (\$)	433	450	430	443	487	449	502	482	-4.0
<b>U.S. Average</b>									
Consumption (Mcf)	58.5	63.9	60.7	51.8	52.9	57.6	60.2	56.6	-6.0
Price (\$/mcf)	9.71	9.95	9.89	9.28	10.06	9.81	9.77	9.61	-1.6
Expenditures (\$)	567	636	600	481	533	565	588	544	-7.5
<b>Heating Oil</b>									
<b>U.S. Average</b>									
Consumption (gallons)	493.0	547.5	548.2	436.6	468.2	495.5	511.8	481.9	-5.8
Price (\$/gallon)	3.87	3.87	3.04	2.06	2.41	2.78	3.07	2.92	-4.7
Expenditures (\$)	1,910	2,122	1,668	900	1,128	1,376	1,569	1,408	-10.3
<b>Electricity</b>									
<b>Northeast</b>									
Consumption (kWh***)	8,299	8,879	8,927	7,705	8,050	8,345	8,479	8,166	-3.7
Price (\$/kwh)	0.152	0.163	0.168	0.164	0.165	0.169	0.169	0.170	0.3
Expenditures (\$)	1,264	1,448	1,501	1,263	1,324	1,407	1,435	1,385	-3.4
<b>Midwest</b>									
Consumption (kWh)	10,344	11,363	10,816	9,365	9,479	10,381	10,713	10,169	-5.1
Price (\$/kwh)	0.111	0.112	0.118	0.122	0.124	0.124	0.123	0.124	0.5
Expenditures (\$)	1,152	1,275	1,274	1,138	1,172	1,289	1,317	1,256	-4.6
<b>South</b>									
Consumption (kWh)	9,732	10,488	10,302	8,782	8,511	9,545	9,534	9,139	-4.1
Price (\$/kwh)	0.107	0.109	0.111	0.110	0.111	0.112	0.113	0.115	2.0
Expenditures (\$)	1,037	1,141	1,141	968	948	1,065	1,074	1,050	-2.2
<b>West</b>									
Consumption (kWh)	8,779	8,487	7,831	8,441	8,561	8,329	8,990	8,736	-2.8
Price (\$/kwh)	0.119	0.123	0.127	0.130	0.132	0.136	0.136	0.137	0.5
Expenditures (\$)	1,041	1,045	993	1,095	1,128	1,130	1,224	1,195	-2.4
<b>U.S. Average</b>									
Consumption (kWh)	9,194	9,729	9,418	8,456	8,424	9,047	9,272	8,920	-3.8
Price (\$/kwh)	0.117	0.120	0.123	0.124	0.125	0.126	0.127	0.128	1.1
Expenditures (\$)	1,071	1,163	1,158	1,044	1,055	1,142	1,176	1,143	-2.8

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Fuel / Region	Winter of							Forecast	
	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	% Change
<b>Propane</b>									
<b>Northeast</b>									
Consumption (gallons)	564.7	624.5	629.7	505.7	542.6	569.3	585.5	553.7	-5.4
Price* (\$/gallon)	3.00	3.56	3.00	2.71	3.06	3.26	3.22	2.61	-18.9
Expenditures (\$)	1,697	2,223	1,889	1,371	1,660	1,856	1,885	1,445	-23.3
<b>Midwest</b>									
Consumption (gallons)	711.7	808.5	755.9	618.2	628.9	715.1	746.5	694.1	-7.0
Price* (\$/gallon)	1.74	2.61	1.91	1.47	1.73	1.95	1.83	1.62	-11.5
Expenditures (\$)	1,238	2,110	1,444	909	1,088	1,394	1,366	1,124	-17.7
<b>Number of households by primary space heating fuel (thousands)</b>									
<b>Northeast</b>									
Natural gas	11,356	11,529	11,705	11,802	11,918	12,070	12,270	12,488	1.8
Heating oil	5,464	5,244	5,097	4,923	4,774	4,724	4,635	4,483	-3.3
Propane	814	846	856	884	933	982	988	997	0.9
Electricity	3,014	3,038	3,093	3,253	3,326	3,386	3,526	3,646	3.4
Wood	583	585	569	511	471	477	402	303	-24.7
Other/None	377	436	437	433	433	438	470	504	7.3
<b>Midwest</b>									
Natural gas	18,072	18,083	18,206	18,241	18,236	18,327	18,297	18,232	-0.4
Heating oil	360	336	319	301	286	280	265	244	-8.0
Propane	2,065	2,089	2,085	2,077	2,057	2,116	2,174	2,177	0.2
Electricity	5,338	5,425	5,514	5,747	5,871	5,954	6,188	6,474	4.6
Wood	641	632	617	587	552	527	511	482	-5.7
Other/None	319	353	351	354	359	358	374	398	6.4
<b>South</b>									
Natural gas	13,694	13,802	13,919	13,948	13,913	13,962	14,132	14,250	0.8
Heating oil	739	699	681	653	619	608	593	564	-4.8
Propane	1,983	1,944	1,925	1,899	1,858	1,853	1,867	1,853	-0.7
Electricity	27,884	28,247	28,843	29,509	29,873	30,322	30,806	31,345	1.8
Wood	613	616	593	552	509	484	479	480	0.2
Other/None	367	419	407	413	426	436	447	466	4.3
<b>West</b>									
Natural gas	15,023	15,068	15,227	15,312	15,427	15,588	15,655	15,711	0.4
Heating oil	247	235	225	219	214	216	208	193	-7.2
Propane	910	930	915	923	936	968	963	935	-2.9
Electricity	8,680	8,759	8,927	9,228	9,351	9,487	9,751	10,027	2.8
Wood	729	744	749	719	700	688	689	692	0.5
Other/None	903	1,016	1,075	1,087	1,058	1,082	1,154	1,220	5.7
<b>U.S. Totals</b>									
Natural gas	58,145	58,481	59,057	59,303	59,494	59,949	60,354	60,682	0.5
Heating oil	6,810	6,513	6,322	6,095	5,892	5,828	5,701	5,483	-3.8
Propane	5,772	5,810	5,781	5,783	5,784	5,919	5,991	5,962	-0.5
Electricity	44,916	45,470	46,377	47,737	48,421	49,148	50,271	51,492	2.4
Wood	2,565	2,578	2,528	2,369	2,232	2,176	2,081	1,957	-6.0
Other/None	1,967	2,223	2,271	2,287	2,277	2,313	2,444	2,588	5.9
<b>Heating degree days</b>									
Northeast	4,966	5,597	5,648	4,322	4,700	5,015	5,164	4,823	-6.6
Midwest	5,545	6,452	6,002	4,688	4,792	5,577	5,846	5,371	-8.1
South	2,428	2,784	2,689	2,013	1,881	2,350	2,358	2,181	-7.5
West	3,183	2,992	2,570	2,957	3,041	2,887	3,300	3,138	-4.9
U.S. Average	3,722	4,111	3,882	3,202	3,255	3,611	3,789	3,521	-7.1

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.

\* Prices exclude taxes

\*\* thousand cubic feet

\*\*\* kilowatthour