

Utility Allowance Schedule for New Hampshire

(Section 8 Existing Housing Program)

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INTRODUCTION

This report explicitly presents the New Hampshire utility allowances for the year 2018. These include estimated cost allowances for space heating, water heating, cooking and miscellaneous electric use (lights, refrigeration etc.). A survey of energy suppliers was conducted by the New Hampshire Housing Finance Authority in order to obtain current utility rates for the state. These rates, together with the standard physical consumption allowances were used to calculate utility allowances in dollars for the various regions of the state.

Table 1, on Page 2 of this schedule, shows current utility rates for New Hampshire as of: January 2018. This table includes current consumer costs for electricity, natural gas, bottled gas, and fuel oil. Propane and fuel oil rates were gathered from a variety of suppliers throughout the state.

As a result of the deregulation of the electric utility within the state, the electric rates were supplied by a survey of electric companies providing electricity within the state. A weighted average was used to calculate the electric rate. A weighted average was also used to calculate the natural gas rates within the state.

Table 2, on Page 4, shows physical consumption allowances for cooking , miscellaneous electric use and water heating. These allowances are arrayed by number of bedrooms.

In order to accurately calculate the monthly heating allowance, four heating zones were created within the state. A base of 7500 degree days has been established and is accordingly adjusted by a series of multipliers to account for different heating requirements within the different zones. A ratio of average degree days for the zone to 7500 degree days is used to create a multiplier for each heating zone, as shown in Table 3, on Page 4.

These multipliers are then applied to the physical consumption allowances for 7500 degree days (as illustrated in Table 4) to obtain the consumption allowances for each of the four zones within the state, by property type and number of bedrooms.

Monthly dollar allowances for cooking, hot water and miscellaneous tenant supplied utilities are shown on Table 5 (Page 6).

Multiplication of the physical heating allowances by the rates given for the main energy sources results in monthly dollar allowances for heating for each zone, by property type and number of bedrooms. These monthly dollar allowances for each of the four heating zones are shown on Tables 6, 7, 8, and 9.

The Utility Allowance Schedule is published each year by New Hampshire Housing Finance Authority provides estimates for heat and non-heat utility costs. The data is primarily used by the Housing Voucher Program; however it can be used to determine gross rents for rental units where the tenant is responsible for utilities.

Calculating Estimated Non-heat Utility Costs (Cooking, Hot Water, and Miscellaneous Electric)

These allowances are established for the entire state.

1. Determine which utility costs (cooking, hot water, and miscellaneous electric) are not included in the rent.
2. Determine the number of bedrooms for the unit.
3. Use Table 5 to obtain the allowance for cooking, hot water, and miscellaneous electric.
 - a. Select the utility type (cooking, hot water, miscellaneous electric)
 - b. Select the fuel type electric, natural gas, bottled gas, or oil (row of the chart).
 - c. Select the number of bedroom in the unit (column of chart). The allowance is the dollar amount where they intersect.
 - d. Repeat for each utility type.

Monthly charges established by the utility are included in the allowances in Table 5. There are additional meter charges for natural gas if it is used for hot water but not for heat and if electric heat is used for hot water. Please read the table's footnotes and add the applicable meter charge.

Calculating Estimated Utility Costs (Heat)

Heat allowances are dependent upon the location, housing type, and size of housing unit as well as the fuel type used to heat the unit.

1. Based on the location of the unit, determine which Heat Zone to use
 - a. Zone 1 - Cheshire, Hillsborough, and Rockingham Counties
 - b. Zone 2 - Belknap, Merrimack, Strafford and Sullivan Counties
 - c. Zone 3 - Carroll and Grafton Counties
 - d. Zone 4 - Coos County
2. Select the housing type of unit.
3. Select the number of bedrooms in the unit.
4. Select the fuel type used to heat the unit.
5. Determine the heat allowance for the unit.

Monthly charges established by the utility are included in the allowances. Please refer to the footnotes under Table 5.

Gross Rent Calculation

To determine gross rent for the unit, add together the contract rent, non-heat utility allowances, and the heat allowances.

TABLE 1
NEW HAMPSHIRE AVERAGE UTILITY RATES

ELECTRICITY (Weighted Average)

Heating, Cooking and Miscellaneous Electric:	
First 250 kwh:	\$ 0.1738 / kwh
Over 250 kwh:	\$ 0.1745 / kwh
Customer Charge:	\$15.05 / month
Hot Water:	
	\$ 0.1543 / kwh for first 250 KWH
	\$ 0.1365 / kwh over 250 KWH
Meter Charge:	\$3.27 / month

BOTTLED GAS (Average)

Heating:	\$ 2.95 / gallon
Cooking:	\$ 3.76 / gallon
Hot Water:	\$ 3.41 / gallon

NATURAL GAS (Weighted Average)

Heating:	\$1.19 / therm for the first 50 therms
	\$1.16 / therm over 50 to 100 therms
	\$1.11 / therm over 100 therms

Cooking and/or Hot Water: **\$1.02** / therm

Customer Charge: **\$23.66** / month (basic charge for heating)
\$18.00 / month (non-heating)

FUEL OIL (Average)

Heating:	\$ 2.61 / gallon
Hot Water:	\$ 2.61 / gallon

Source: New Hampshire Housing's Survey of Energy Suppliers

TABLE 2

SECTION 8 EXISTING PHYSICAL CONSUMPTION ALLOWANCES FOR COOKING, WATER HEATING, AND MISC. ELECTRIC USE

	0 Bedroom	1 Bedroom	2 Bedrooms	3 Bedrooms	4 Bedrooms	5 Bedrooms
COOKING						
Natural Gas (therms)	3	4	5	6	8	9
Electric (kwh)	55	70	90	110	140	160
Bottled Gas (gallons)	6	7	9	11	14	16
MISCELLANEOUS ELECTRIC						
	143	180	231	283	345	396
WATER HEATING						
Natural Gas (therms)	11	15	19	23	29	34
Electric (kwh)	170	227	291	356	453	518
Bottled Gas (gallons)	15	17	22	27	35	40
Fuel oil (gallons)	9	11	14	18	23	26

TABLE 3

SECTION 8 PHYSICAL CONSUMPTION MULTIPLIERS FOR HEATING

ZONE 1 CHESHIRE, HILLSBOROUGH, AND ROCKINGHAM COUNTIES

ZONE 2 BELKNAP, MERRIMACK, STRAFFORD AND SULLIVAN COUNTIES

ZONE 3 CARROLL AND GRAFTON COUNTIES

ZONE 4 COOS COUNTY

TABLE 4
 EXISTING PHYSICAL CONSUMPTION ALLOWANCES
 FOR HEATING AT 7500 DEGREE DAYS

Unit Size (bedrooms)						Unit Size (bedrooms)							
	0	1	2	3	4	5		0	1	2	3	4	5
2 & 3 STORY WALK-UP						DETACHED							
Natural Gas (therms)	27	38	49	59	76	87	Natural Gas (therms)	32	46	59	71	91	104
Bottled Gas (gallons)	30	41	53	64	82	94	Bottled Gas (gallons)	35	50	64	78	99	113
Oil (gallons)	23	32	42	52	66	74	Oil (gallons)	28	39	51	62	79	90
Electric (kwh)	407	536	796	1,000	1,138	1,319	Electric (kwh)	488	643	955	1,280	1,365	1,583
ROW AND TOWNHOUSE						MOBILE HOME (Pre 1976)							
Natural Gas (therms)	29	41	53	64	83	96	Natural Gas (therms)	38	55	71	85	109	
Bottled Gas (gallons)	33	46	59	71	90	104	Bottled Gas (gallons)	42	60	77	94	119	
Oil (gallons)	26	36	47	58	72	82	Oil (gallons)	34	47	61	74	95	
Electric (kwh)	447	589	875	1,100	1,251	1,450	Electric (kwh)	586	772	1,146	1,536	1,638	
DUPLEX AND TWIN						MOBILE HOME (1976 to 1994)							
Natural Gas (therms)	31	43	57	68	87	100	Natural Gas (therms)	34	48	62	75	96	
Bottled Gas (gallons)	34	48	61	74	94	109	Bottled Gas (gallons)	37	53	67	82	104	
Oil (gallons)	27	37	49	60	76	86	Oil (gallons)	29	41	54	65	83	
Electric (kwh)	466	616	915	1,150	1,308	1,516	Electric (kwh)	512	675	1,003	1,344	1,433	
HIGH-RISE						Note: For Mobile Homes manufactured after 1994 use the schedule for Detached.							
Natural Gas (therms)	21	30	39	47	60	69							
Bottled Gas (gallons)	24	33	42	51	66	76							
Oil (gallons)	19	26	33	42	52	60							
Electric (kwh)	325	428	636	800	910	1,054							

TABLE 5

MONTHLY DOLLAR ALLOWANCES FOR
MISCELLANEOUS TENANT FURNISHED UTILITIES

<u>Use</u>	Type of energy	Unit Size (bedrooms)					
		0	1	2	3	4	5
COOKING:	Natural Gas ¹	\$3	\$4	\$5	\$6	\$8	\$9
	Electric	\$10	\$12	\$16	\$19	\$24	\$28
	Bottled Gas	\$20	\$24	\$31	\$38	\$48	\$55
MISCELLANEOUS	Electric ²	\$40	\$46	\$55	\$64	\$75	\$84
HOT WATER:	Natural Gas	\$11	\$15	\$19	\$23	\$29	\$35
	Electric ³	\$30	\$38	\$47	\$56	\$70	\$78
	Bottled Gas	\$56	\$64	\$83	\$102	\$132	\$150
	Fuel Oil	\$23	\$29	\$37	\$47	\$60	\$68

¹ In 2018, the weighted average non-heating gas service charge is \$18. It must be added to the allowance for natural gas cooking or hot water if natural gas is not used for heating.

² Included in the Miscellaneous Electric dollar amount is a weighted average customer charge of \$15.05 per month.

³ Included in the Hot Water Electric dollar amount is an additional customer charge of \$3.27 per month.

TABLE 6

HEATING: MONTHLY DOLLAR ALLOWANCES
ZONE 1 - Cheshire, Hillsborough, and Rockingham Counties

Unit Type:	Bedrooms						Unit Type	Bedrooms					
	0	1	2	3	4	5		0	1	2	3	4	5
2 & 3 STORY WALK-UP													
Natural Gas	\$53	\$64	\$76	\$87	\$105	\$116	Natural Gas	\$58	\$73	\$87	\$99	\$120	\$134
Bottled Gas	\$80	\$109	\$141	\$170	\$218	\$250	Bottled Gas	\$93	\$133	\$170	\$207	\$263	\$300
Oil	\$54	\$75	\$99	\$122	\$155	\$174	Oil	\$66	\$92	\$120	\$146	\$185	\$211
Electric	\$64	\$84	\$125	\$157	\$179	\$207	Electric	\$76	\$101	\$150	\$201	\$214	\$248
ROW AND TOWNHOUSE													
Natural Gas	\$55	\$68	\$80	\$92	\$112	\$125	Natural Gas	\$65	\$83	\$99	\$114	\$139	
Bottled Gas	\$88	\$122	\$157	\$189	\$239	\$276	Bottled Gas	\$112	\$159	\$204	\$249	\$315	
Oil	\$61	\$84	\$110	\$136	\$169	\$192	Oil	\$79	\$110	\$144	\$175	\$223	
Electric	\$70	\$92	\$137	\$173	\$196	\$228	Electric	\$92	\$121	\$180	\$241	\$257	
DUPLEX AND TWIN													
Natural Gas	\$57	\$70	\$85	\$96	\$116	\$130	Natural Gas	\$60	\$75	\$90	\$103	\$125	
Bottled Gas	\$90	\$127	\$162	\$196	\$250	\$289	Bottled Gas	\$98	\$139	\$178	\$217	\$276	
Oil	\$63	\$87	\$115	\$141	\$178	\$202	Oil	\$69	\$96	\$126	\$153	\$195	
Electric	\$73	\$97	\$144	\$180	\$205	\$238	Electric	\$80	\$106	\$157	\$211	\$225	
HIGH-RISE													
Natural Gas	\$46	\$56	\$65	\$74	\$88	\$97	Note: For Mobile Homes manufactured after 1994 use the schedule for Detached.						
Bottled Gas	\$64	\$88	\$112	\$135	\$175	\$202							
Oil	\$45	\$61	\$77	\$99	\$122	\$141							
Electric	\$51	\$67	\$100	\$125	\$143	\$165							

TABLE 7

HEATING: MONTHLY DOLLAR ALLOWANCES
ZONE 2 - Belknap, Merrimack, Strafford and Sullivan Counties

Unit Type	Bedrooms						Unit Type	Bedrooms					
	0	1	2	3	4	5		0	1	2	3	4	5
2 & 3 STORY WALK-UP													
Natural Gas	\$56	\$69	\$82	\$94	\$113	\$126	Natural Gas	\$62	\$78	\$94	\$108	\$131	\$146
Bottled Gas	\$89	\$121	\$156	\$189	\$242	\$277	Bottled Gas	\$103	\$148	\$189	\$230	\$292	\$333
Oil	\$60	\$83	\$110	\$136	\$172	\$193	Oil	\$73	\$102	\$133	\$162	\$206	\$235
Electric	\$71	\$93	\$139	\$174	\$198	\$230	Electric	\$85	\$112	\$166	\$223	\$238	\$276
ROW AND TOWNHOUSE													
Natural Gas	\$58	\$72	\$87	\$99	\$122	\$137	Natural Gas	\$69	\$89	\$107	\$124	\$151	
Bottled Gas	\$97	\$136	\$174	\$209	\$266	\$307	Bottled Gas	\$124	\$177	\$227	\$276	\$350	
Oil	\$68	\$94	\$123	\$151	\$188	\$214	Oil	\$88	\$122	\$160	\$194	\$247	
Electric	\$78	\$103	\$153	\$192	\$218	\$253	Electric	\$102	\$134	\$200	\$268	\$286	
DUPLEX AND TWIN													
Natural Gas	\$61	\$75	\$91	\$104	\$126	\$141	Natural Gas	\$64	\$81	\$97	\$112	\$136	
Bottled Gas	\$100	\$142	\$180	\$218	\$277	\$322	Bottled Gas	\$108	\$155	\$198	\$242	\$307	
Oil	\$70	\$96	\$128	\$156	\$198	\$224	Oil	\$77	\$107	\$140	\$170	\$216	
Electric	\$81	\$107	\$159	\$201	\$228	\$264	Electric	\$89	\$118	\$175	\$234	\$250	
HIGH-RISE													
Natural Gas	\$49	\$59	\$70	\$80	\$95	\$105	Note: For Mobile Homes manufactured after 1994 use the schedule for Detached.						
Bottled Gas	\$71	\$97	\$124	\$150	\$195	\$224							
Oil	\$50	\$68	\$86	\$110	\$136	\$156							
Electric	\$57	\$75	\$111	\$139	\$159	\$184							

TABLE 8

HEATING: MONTHLY DOLLAR ALLOWANCES
ZONE 3 - Carroll and Grafton Counties

Unit Type	Bedrooms						Unit Type	Bedrooms					
	0	1	2	3	4	5		0	1	2	3	4	5
2 & 3 STORY WALK-UP													
Natural Gas	\$59	\$73	\$88	\$101	\$122	\$136	Natural Gas	\$66	\$84	\$101	\$116	\$141	\$157
Bottled Gas	\$97	\$133	\$172	\$208	\$266	\$305	Bottled Gas	\$114	\$162	\$208	\$253	\$321	\$367
Oil	\$66	\$92	\$120	\$149	\$189	\$212	Oil	\$80	\$112	\$146	\$178	\$227	\$258
Electric	\$78	\$103	\$153	\$192	\$218	\$253	Electric	\$93	\$123	\$183	\$246	\$262	\$304
ROW AND TOWNHOUSE													
Natural Gas	\$62	\$77	\$93	\$107	\$131	\$148	Natural Gas	\$74	\$96	\$116	\$134	\$163	
Bottled Gas	\$107	\$149	\$191	\$230	\$292	\$337	Bottled Gas	\$136	\$195	\$249	\$304	\$386	
Oil	\$75	\$103	\$135	\$166	\$207	\$235	Oil	\$96	\$134	\$176	\$213	\$272	
Electric	\$86	\$113	\$168	\$211	\$240	\$278	Electric	\$112	\$148	\$220	\$295	\$314	
DUPLEX AND TWIN													
Natural Gas	\$64	\$80	\$98	\$112	\$136	\$152	Natural Gas	\$68	\$87	\$104	\$120	\$147	
Bottled Gas	\$110	\$156	\$198	\$240	\$305	\$354	Bottled Gas	\$119	\$170	\$218	\$266	\$337	
Oil	\$77	\$106	\$141	\$172	\$218	\$247	Oil	\$84	\$117	\$154	\$187	\$238	
Electric	\$89	\$118	\$175	\$221	\$251	\$291	Electric	\$98	\$129	\$192	\$258	\$275	
HIGH-RISE													
Natural Gas	\$51	\$63	\$75	\$85	\$102	\$113	Note: For Mobile Homes manufactured after 1994 use the schedule for Detached.						
Bottled Gas	\$78	\$107	\$136	\$165	\$214	\$247							
Oil	\$55	\$75	\$95	\$120	\$149	\$172							
Electric	\$62	\$82	\$122	\$153	\$174	\$202							

TABLE 9

HEATING: MONTHLY DOLLAR ALLOWANCES
ZONE 4 - Coos County

Unit Type	Bedrooms						Unit Type	Bedrooms					
	0	1	2	3	4	5		0	1	2	3	4	5
2 & 3 STORY WALK-UP													
Natural Gas	\$62	\$78	\$93	\$107	\$131	\$146	Natural Gas	\$69	\$89	\$107	\$124	\$152	\$169
Bottled Gas	\$106	\$145	\$188	\$227	\$290	\$333	Bottled Gas	\$124	\$177	\$227	\$276	\$350	\$400
Oil	\$72	\$100	\$131	\$163	\$207	\$232	Oil	\$88	\$122	\$160	\$194	\$247	\$282
Electric	\$85	\$112	\$167	\$209	\$238	\$276	Electric	\$102	\$134	\$200	\$268	\$286	\$331
ROW AND TOWNHOUSE													
Natural Gas	\$65	\$82	\$99	\$114	\$141	\$158	Natural Gas	\$79	\$102	\$124	\$144	\$176	
Bottled Gas	\$117	\$163	\$209	\$251	\$319	\$368	Bottled Gas	\$149	\$212	\$272	\$331	\$421	
Oil	\$81	\$113	\$147	\$182	\$225	\$257	Oil	\$105	\$146	\$192	\$233	\$297	
Electric	\$93	\$123	\$183	\$230	\$262	\$303	Electric	\$122	\$161	\$240	\$321	\$343	
DUPLEX AND TWIN													
Natural Gas	\$68	\$85	\$105	\$120	\$146	\$164	Natural Gas	\$72	\$92	\$111	\$129	\$158	
Bottled Gas	\$120	\$170	\$216	\$262	\$333	\$386	Bottled Gas	\$130	\$186	\$238	\$290	\$368	
Oil	\$84	\$116	\$153	\$188	\$238	\$269	Oil	\$92	\$128	\$168	\$204	\$260	
Electric	\$97	\$129	\$191	\$241	\$274	\$317	Electric	\$107	\$141	\$210	\$281	\$300	
HIGH-RISE													
Natural Gas	\$54	\$67	\$79	\$91	\$109	\$121	Note: For Mobile Homes manufactured after 1994 use the schedule for Detached.						
Bottled Gas	\$85	\$117	\$149	\$181	\$234	\$269							
Oil	\$59	\$81	\$103	\$131	\$163	\$188							
Electric	\$68	\$89	\$133	\$167	\$190	\$221							