

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	1	2	3	4	5
	Bedroom	Bedroom	Bedrooms	Bedrooms	Bedrooms	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

6750 degree days multiplier: 0.9

ZONE 2 BELKNAP, MERRIMACK, STRAFFORD AND SULLIVAN COUNTIES

7500 degree days multiplier: 1

ZONE 3 CARROLL AND GRAFTON COUNTIES

8250 degree days multiplier: 1.1

ZONE 4 COOS COUNTY

9000 degree days multiplier: 1.2

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													
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							

Note: For Mobile Homes manufactured after 1994 use the schedule for Detached.

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					
	0	1	2	3	4	5
2 & 3 STORY WALK-UP						
Natural Gas	\$53	\$64	\$76	\$87	\$105	\$116
Bottled Gas	\$80	\$109	\$141	\$170	\$218	\$250
Oil	\$54	\$75	\$99	\$122	\$155	\$174
Electric	\$64	\$84	\$125	\$157	\$179	\$207

ROW AND TOWNHOUSE

Natural Gas	\$55	\$68	\$80	\$92	\$112	\$125
Bottled Gas	\$88	\$122	\$157	\$189	\$239	\$276
Oil	\$61	\$84	\$110	\$136	\$169	\$192
Electric	\$70	\$92	\$137	\$173	\$196	\$228

DUPLEX AND TWIN

Natural Gas	\$57	\$70	\$85	\$96	\$116	\$130
Bottled Gas	\$90	\$127	\$162	\$196	\$250	\$289
Oil	\$63	\$87	\$115	\$141	\$178	\$202
Electric	\$73	\$97	\$144	\$180	\$205	\$238

HIGH-RISE

Natural Gas	\$46	\$56	\$65	\$74	\$88	\$97
Bottled Gas	\$64	\$88	\$112	\$135	\$175	\$202
Oil	\$45	\$61	\$77	\$99	\$122	\$141
Electric	\$51	\$67	\$100	\$125	\$143	\$165

Unit Type	Bedrooms					
	0	1	2	3	4	5
DETACHED						
Natural Gas	\$58	\$73	\$87	\$99	\$120	\$134
Bottled Gas	\$93	\$133	\$170	\$207	\$263	\$300
Oil	\$66	\$92	\$120	\$146	\$185	\$211
Electric	\$76	\$101	\$150	\$201	\$214	\$248

MOBILE HOME (Pre 1976)

Natural Gas	\$65	\$83	\$99	\$114	\$139
Bottled Gas	\$112	\$159	\$204	\$249	\$315
Oil	\$79	\$110	\$144	\$175	\$223
Electric	\$92	\$121	\$180	\$241	\$257

MOBILE HOME (1976 to 1994)

Natural Gas	\$60	\$75	\$90	\$103	\$125
Bottled Gas	\$98	\$139	\$178	\$217	\$276
Oil	\$69	\$96	\$126	\$153	\$195
Electric	\$80	\$106	\$157	\$211	\$225

Note: For Mobile Homes manufactured after 1994
use the schedule for Detached.

TABLE 7

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

Unit Type	Bedrooms					
	0	1	2	3	4	5
2 & 3 STORY WALK-UP						
Natural Gas	\$56	\$69	\$82	\$94	\$113	\$126
Bottled Gas	\$89	\$121	\$156	\$189	\$242	\$277
Oil	\$60	\$83	\$110	\$136	\$172	\$193
Electric	\$71	\$93	\$139	\$174	\$198	\$230

ROW AND TOWNHOUSE

Natural Gas	\$58	\$72	\$87	\$99	\$122	\$137
Bottled Gas	\$97	\$136	\$174	\$209	\$266	\$307
Oil	\$68	\$94	\$123	\$151	\$188	\$214
Electric	\$78	\$103	\$153	\$192	\$218	\$253

DUPLEX AND TWIN

Natural Gas	\$61	\$75	\$91	\$104	\$126	\$141
Bottled Gas	\$100	\$142	\$180	\$218	\$277	\$322
Oil	\$70	\$96	\$128	\$156	\$198	\$224
Electric	\$81	\$107	\$159	\$201	\$228	\$264

HIGH-RISE

Natural Gas	\$49	\$59	\$70	\$80	\$95	\$105
Bottled Gas	\$71	\$97	\$124	\$150	\$195	\$224
Oil	\$50	\$68	\$86	\$110	\$136	\$156
Electric	\$57	\$75	\$111	\$139	\$159	\$184

Unit Type	Bedrooms					
	0	1	2	3	4	5
DETACHED						
Natural Gas	\$62	\$78	\$94	\$108	\$131	\$146
Bottled Gas	\$103	\$148	\$189	\$230	\$292	\$333
Oil	\$73	\$102	\$133	\$162	\$206	\$235
Electric	\$85	\$112	\$166	\$223	\$238	\$276

MOBILE HOME (Pre 1976)

Natural Gas	\$69	\$89	\$107	\$124	\$151
Bottled Gas	\$124	\$177	\$227	\$276	\$350
Oil	\$88	\$122	\$160	\$194	\$247
Electric	\$102	\$134	\$200	\$268	\$286

MOBILE HOME (1976 to 1994)

Natural Gas	\$64	\$81	\$97	\$112	\$136
Bottled Gas	\$108	\$155	\$198	\$242	\$307
Oil	\$77	\$107	\$140	\$170	\$216
Electric	\$89	\$118	\$175	\$234	\$250

Note: For Mobile Homes manufactured after 1994
 use the schedule for Detached.

TABLE 8

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

Unit Type	Bedrooms					
	0	1	2	3	4	5
2 & 3 STORY WALK-UP						
Natural Gas	\$59	\$73	\$88	\$101	\$122	\$136
Bottled Gas	\$97	\$133	\$172	\$208	\$266	\$305
Oil	\$66	\$92	\$120	\$149	\$189	\$212
Electric	\$78	\$103	\$153	\$192	\$218	\$253

ROW AND TOWNHOUSE

Natural Gas	\$62	\$77	\$93	\$107	\$131	\$148
Bottled Gas	\$107	\$149	\$191	\$230	\$292	\$337
Oil	\$75	\$103	\$135	\$166	\$207	\$235
Electric	\$86	\$113	\$168	\$211	\$240	\$278

DUPLEX AND TWIN

Natural Gas	\$64	\$80	\$98	\$112	\$136	\$152
Bottled Gas	\$110	\$156	\$198	\$240	\$305	\$354
Oil	\$77	\$106	\$141	\$172	\$218	\$247
Electric	\$89	\$118	\$175	\$221	\$251	\$291

HIGH-RISE

Natural Gas	\$51	\$63	\$75	\$85	\$102	\$113
Bottled Gas	\$78	\$107	\$136	\$165	\$214	\$247
Oil	\$55	\$75	\$95	\$120	\$149	\$172
Electric	\$62	\$82	\$122	\$153	\$174	\$202

Unit Type	Bedrooms					
	0	1	2	3	4	5
DETACHED						
Natural Gas	\$66	\$84	\$101	\$116	\$141	\$157
Bottled Gas	\$114	\$162	\$208	\$253	\$321	\$367
Oil	\$80	\$112	\$146	\$178	\$227	\$258
Electric	\$93	\$123	\$183	\$246	\$262	\$304

MOBILE HOME (Pre 1976)

Natural Gas	\$74	\$96	\$116	\$134	\$163
Bottled Gas	\$136	\$195	\$249	\$304	\$386
Oil	\$96	\$134	\$176	\$213	\$272
Electric	\$112	\$148	\$220	\$295	\$314

MOBILE HOME (1976 to 1994)

Natural Gas	\$68	\$87	\$104	\$120	\$147
Bottled Gas	\$119	\$170	\$218	\$266	\$337
Oil	\$84	\$117	\$154	\$187	\$238
Electric	\$98	\$129	\$192	\$258	\$275

Note: For Mobile Homes manufactured after 1994
use the schedule for Detached.

TABLE 9

HEATING: MONTHLY DOLLAR ALLOWANCES
ZONE 4 - Coos County

Unit Type	Bedrooms					
	0	1	2	3	4	5
2 & 3 STORY WALK-UP						
Natural Gas	\$62	\$78	\$93	\$107	\$131	\$146
Bottled Gas	\$106	\$145	\$188	\$227	\$290	\$333
Oil	\$72	\$100	\$131	\$163	\$207	\$232
Electric	\$85	\$112	\$167	\$209	\$238	\$276

ROW AND TOWNHOUSE

Natural Gas	\$65	\$82	\$99	\$114	\$141	\$158
Bottled Gas	\$117	\$163	\$209	\$251	\$319	\$368
Oil	\$81	\$113	\$147	\$182	\$225	\$257
Electric	\$93	\$123	\$183	\$230	\$262	\$303

DUPLEX AND TWIN

Natural Gas	\$68	\$85	\$105	\$120	\$146	\$164
Bottled Gas	\$120	\$170	\$216	\$262	\$333	\$386
Oil	\$84	\$116	\$153	\$188	\$238	\$269
Electric	\$97	\$129	\$191	\$241	\$274	\$317

HIGH-RISE

Natural Gas	\$54	\$67	\$79	\$91	\$109	\$121
Bottled Gas	\$85	\$117	\$149	\$181	\$234	\$269
Oil	\$59	\$81	\$103	\$131	\$163	\$188
Electric	\$68	\$89	\$133	\$167	\$190	\$221

Unit Type	Bedrooms					
	0	1	2	3	4	5
DETACHED						
Natural Gas	\$69	\$89	\$107	\$124	\$152	\$169
Bottled Gas	\$124	\$177	\$227	\$276	\$350	\$400
Oil	\$88	\$122	\$160	\$194	\$247	\$282
Electric	\$102	\$134	\$200	\$268	\$286	\$331

MOBILE HOME (Pre 1976)

Natural Gas	\$79	\$102	\$124	\$144	\$176
Bottled Gas	\$149	\$212	\$272	\$331	\$421
Oil	\$105	\$146	\$192	\$233	\$297
Electric	\$122	\$161	\$240	\$321	\$343

MOBILE HOME (1976 to 1994)

Natural Gas	\$72	\$92	\$111	\$129	\$158
Bottled Gas	\$130	\$186	\$238	\$290	\$368
Oil	\$92	\$128	\$168	\$204	\$260
Electric	\$107	\$141	\$210	\$281	\$300

Note: For Mobile Homes manufactured after 1994
use the schedule for Detached.