

Table S1: Descriptive Statistics for Key Variables (Gas-Heated Homes, n=9,411)

Variable	N	Mean	Std Dev	P25	Median	P75	Min	Max	Unit
HDD65	9,411	5,248	1,842	3,812	5,421	6,584	1,205	9,876	degree-days
Floor Area	9,411	2,145	1,024	1,400	1,920	2,650	480	8,500	sqft
Building Age	9,411	42.3	24.1	22	38	58	1	120	years
Envelope Score	9,411	0.62	0.21	0.45	0.63	0.78	0.15	0.98	0-1 index
Thermal Intensity	9,411	0.0072	0.0031	0.0051	0.0068	0.0089	0.0018	0.0185	BTU/sqft/HDD
Gas Consumption	9,411	685	312	456	642	875	85	2,450	therms/yr
Elec. Price	9,411	0.142	0.038	0.112	0.138	0.168	0.072	0.285	\$/kWh
Gas Price	9,411	1.08	0.28	0.88	1.05	1.25	0.52	2.15	\$/therm
Sample Weight	9,411	3,856	2,145	2,105	3,420	5,120	215	18,500	households

*Notes: P25/P75 = 25th/75th percentiles. Thermal Intensity = Annual gas consumption / (Floor area × HDD65).
Envelope Score is a composite index (0-1) based on insulation, windows, and air sealing ratings from RECS.*

Unit conversions: 1 BTU/sqft/HDD ≈ 3.15 kWh/m²/HDD; 1 therm = 29.3 kWh = 100,000 BTU