

3.1.13 2003 Commercial Buildings Delivered Energy End-Use Intensities, by Building Activity (Thousand Btu per SF) (1)

	<u>Education</u>	<u>Food Sales</u>	<u>Food Service</u>	<u>Health Care</u>	<u>Inpatient</u>	<u>Outpatient</u>	<u>Lodging</u>
Space Heating	39.4	28.9	43.1	70.4	91.8	38.1	22.2
Cooling	8.0	9.8	17.4	14.1	18.6	7.2	4.9
Ventilation	8.4	5.9	14.8	13.3	20.0	3.3	2.7
Water Heating	5.8	2.9	40.4	30.2	48.4	2.5	31.4
Lighting	11.5	36.7	25.4	33.1	40.1	22.6	24.3
Cooking	0.8	8.6	63.5	3.5	5.6	N.A.	3.2
Refrigeration	1.6	94.8	42.1	2.6	2.0	3.5	2.3
Office Equipment	0.4	1.6	1.0	1.2	1.1	1.3	N.A.
Computers	3.4	1.9	1.4	3.4	3.9	2.6	1.3
<u>Other</u>	4.0	9.1	9.5	16.1	18.1	13.2	7.0
Total	83.1	199.7	258.3	187.7	249.2	94.6	100.0
	<u>Mercantile</u>	<u>Service</u>	<u>Retail (No Mall)</u>	<u>Enclosed and Strip Malls</u>	<u>Office</u>	<u>Public Assembly</u>	<u>Public Order and Safety</u>
Space Heating	24.0	35.9	24.8	23.6	32.8	49.7	49.9
Cooling	9.9	3.8	5.9	12.4	8.9	9.6	8.9
Ventilation	6.0	6.0	3.7	7.5	5.2	15.9	9.5
Water Heating	5.1	1.0	1.1	7.7	2.0	1.0	14.0
Lighting	27.5	15.6	25.7	28.6	23.1	7.0	16.5
Cooking	2.3	N.A.	0.6	3.4	0.3	0.8	1.3
Refrigeration	4.4	2.1	5.0	4.0	2.9	2.2	2.9
Office Equipment	0.7	0.3	0.6	0.8	2.6	N.A.	0.6
Computers	1.1	1.0	1.0	1.1	6.1	N.A.	1.6
<u>Other</u>	10.3	11.4	5.6	13.2	9.0	6.5	10.6
Total	91.3	77.0	73.9	102.2	92.9	93.9	115.8
	<u>Religious Worship</u>	<u>Warehouse and Storage</u>	<u>Other</u>	<u>Vacant</u>			
Space Heating	26.2	19.3	79.4	14.4			
Cooling	2.9	1.3	10.5	0.6			
Ventilation	1.4	2.0	6.1	0.4			
Water Heating	0.8	0.6	2.1	0.1			
Lighting	4.4	13.1	34.1	1.7			
Cooking	0.8	N.A.	N.A.	N.A.			
Refrigeration	1.7	3.5	6.0	N.A.			
Office Equipment	0.1	0.2	N.A.	N.A.			
Computers	0.3	0.6	3.0	N.A.			
<u>Other</u>	4.9	4.8	18.9	3.1			
Total	43.5	45.2	164.4	20.9			

Note(s): 1) Due to rounding, end-uses do not sum to total.

Source(s): EIA, 2003 Commercial Building Energy Consumption Survey, Energy End-Uses, Oct. 2008, Table E.2A.