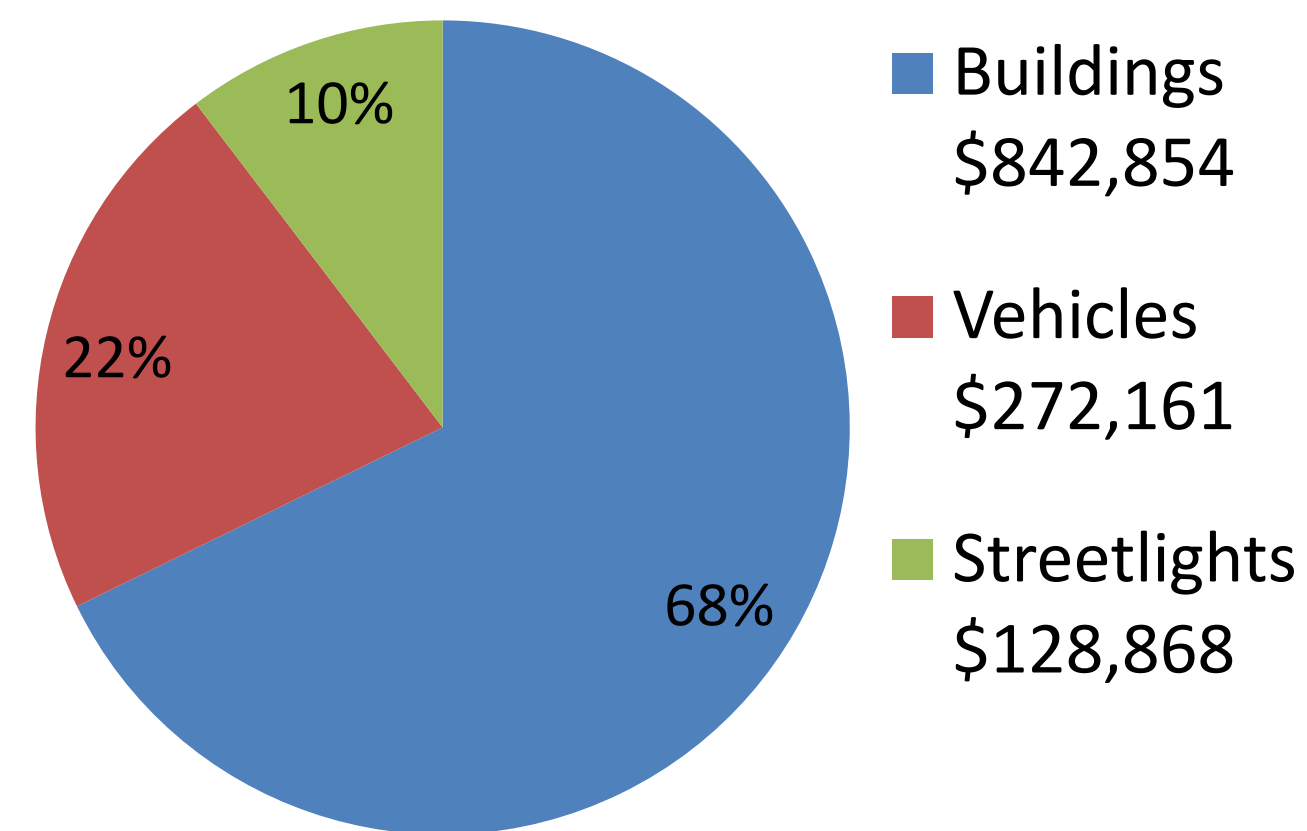
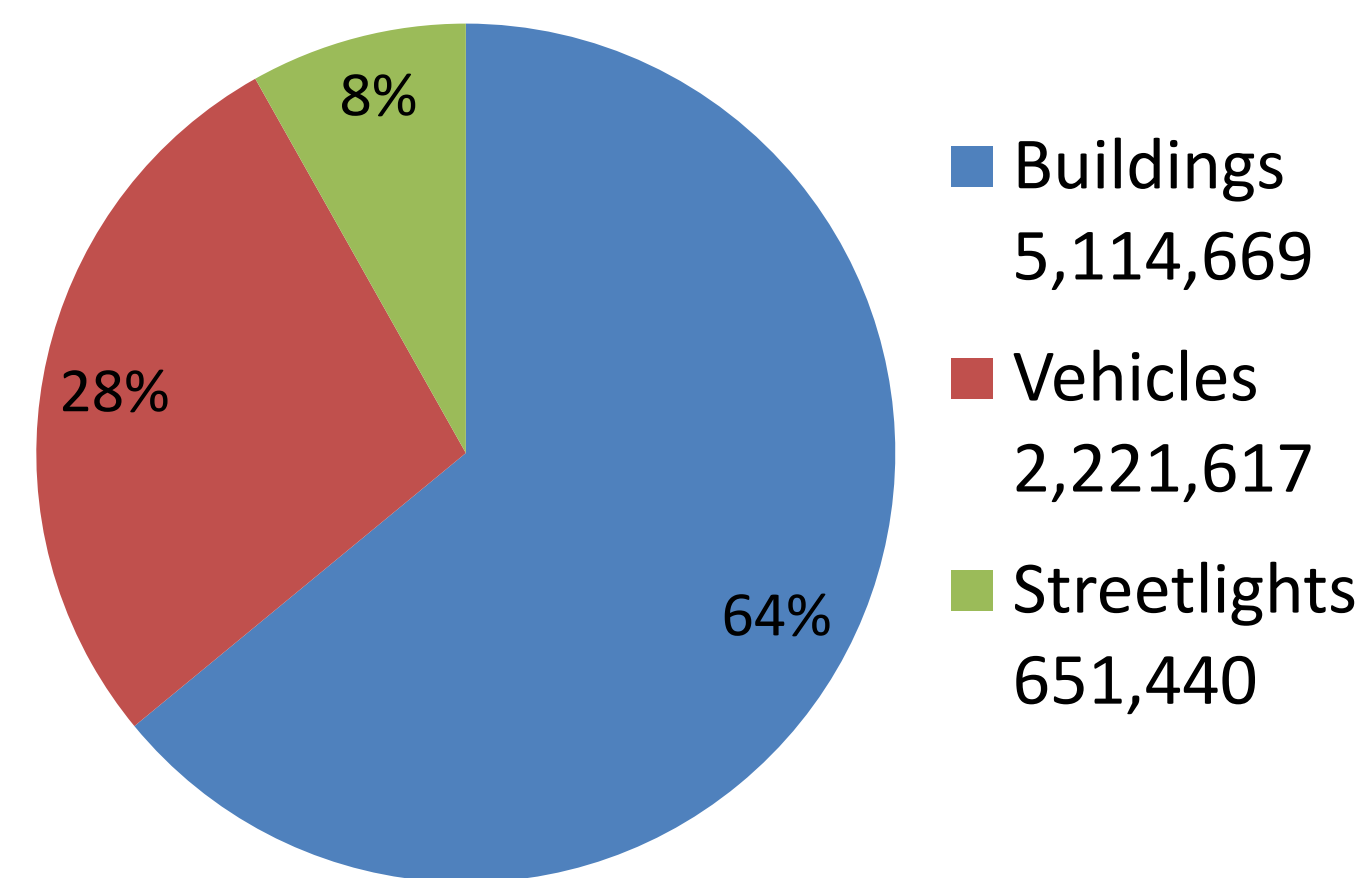


# CITY of LEBANON MUNICIPAL ENERGY INVENTORY - 2009

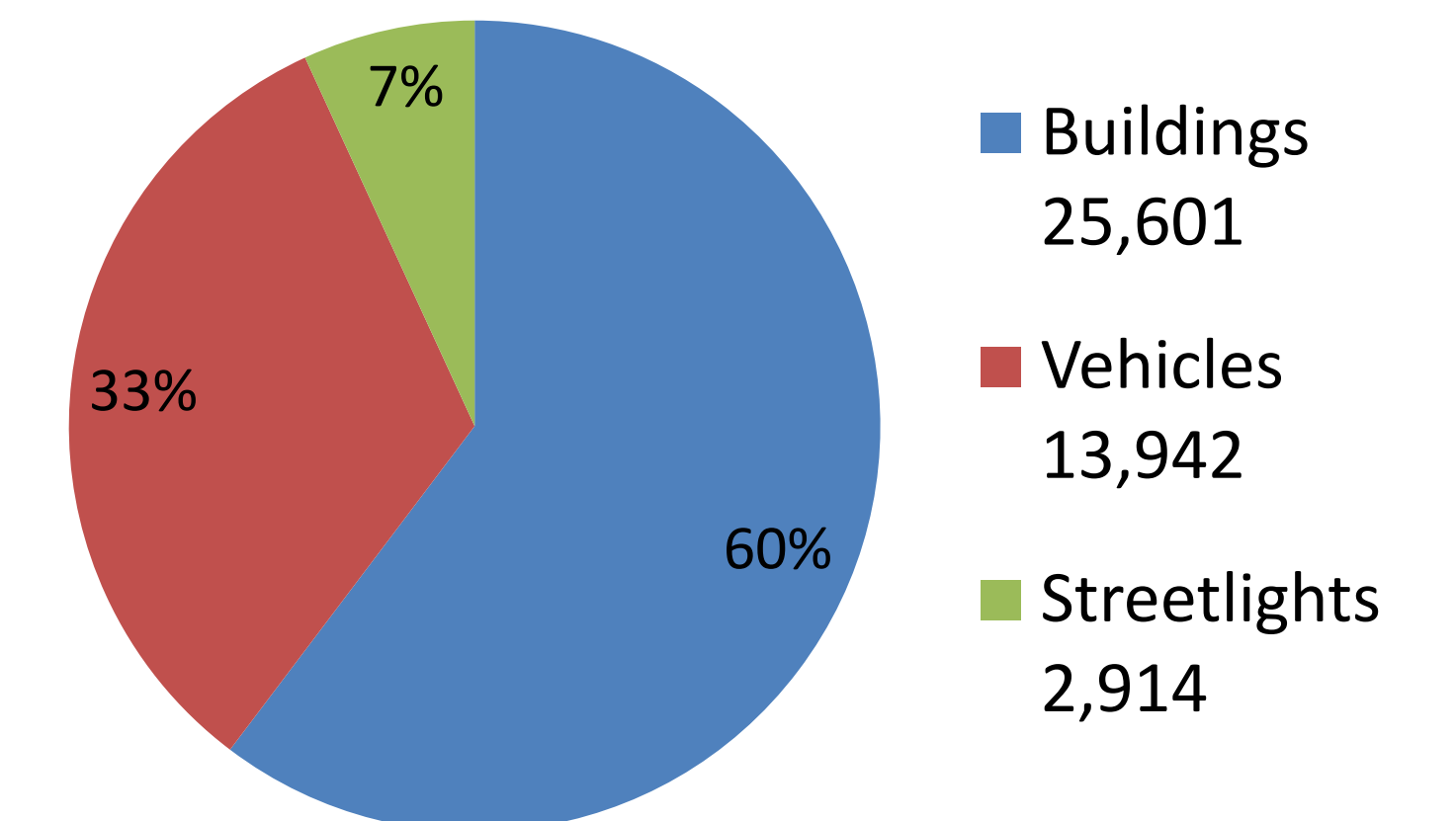
## Total Energy Costs



## CO2 Emissions (lbs)



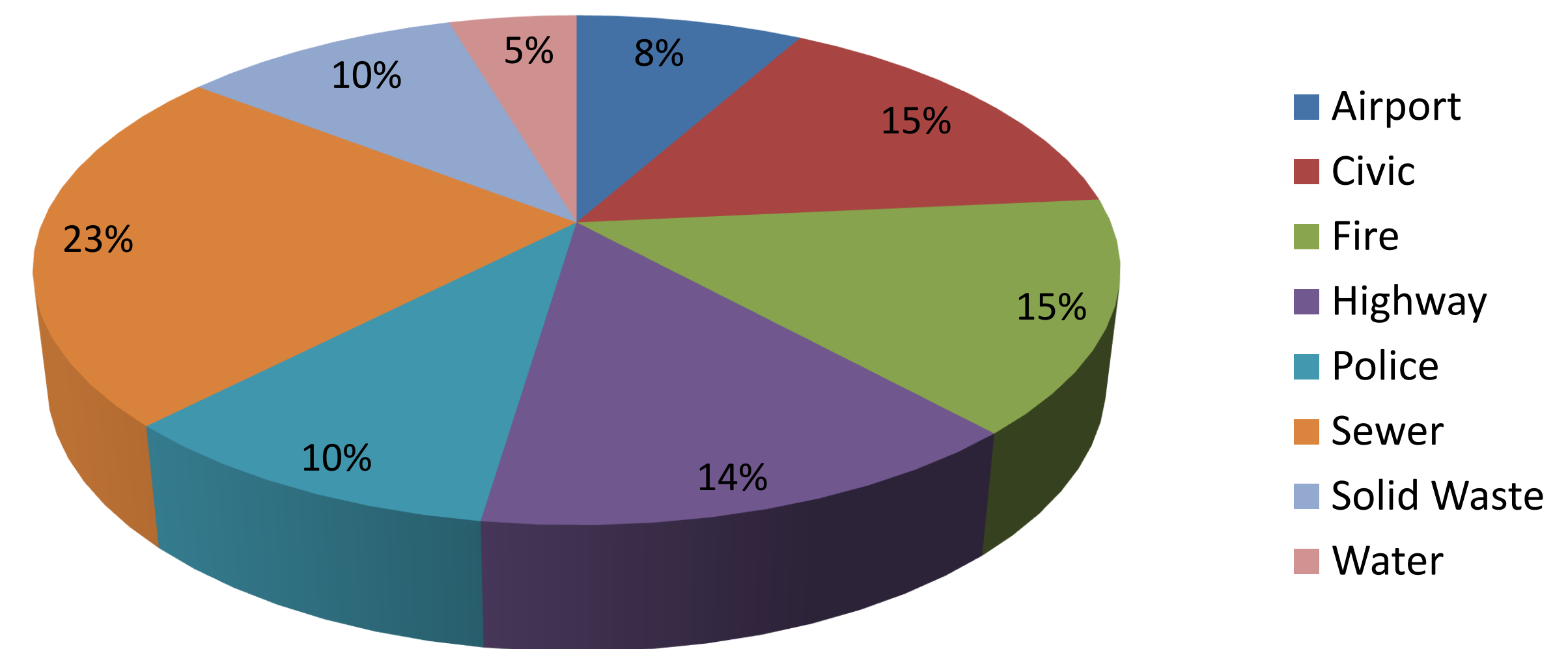
## Total Energy Use (MMBtus)



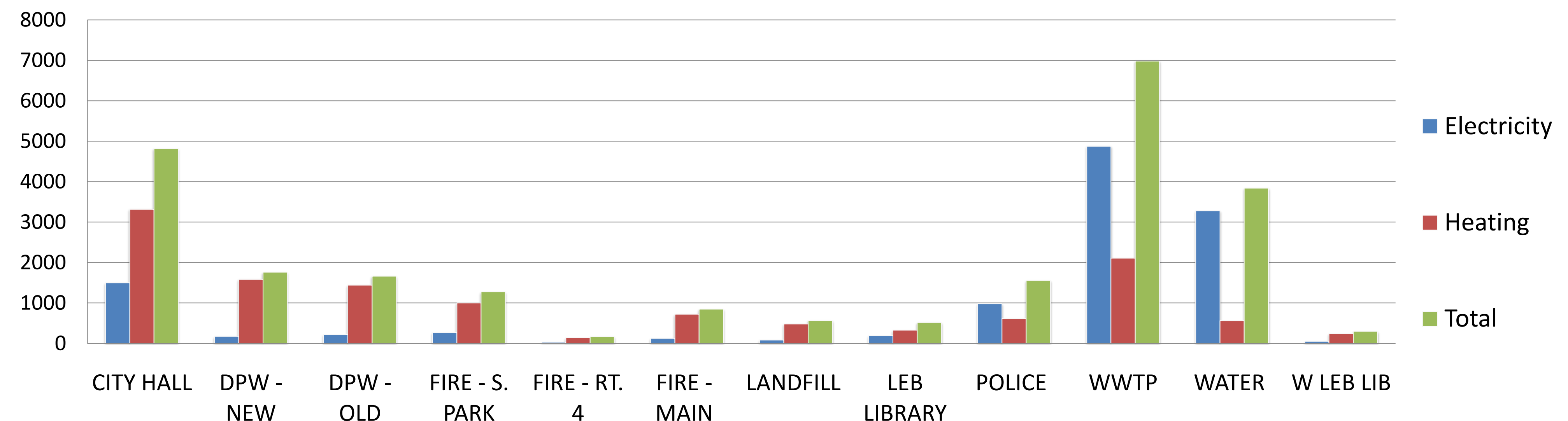
## Building Performance: Costs and Energy Intensity

Name of Building	Area (Sq. Ft.)	Energy Cost per Square Foot	Total Building Energy Use (MMBtu)	Site energy intensity (kBtu/sq ft)
City Hall	45,486	\$3.24/SF	4816.69	105.8
DPW (New)	35,986	\$1.10/SF	1759.88	49.1
DPW (Old)	12,484	\$3.45/SF	1662.47	133
Fire Station (S. Park)	26,064	\$1.50/SF	1273.31	52.9
Fire Station (Rt 4)	1,800	\$2.58/SF	169.13	96.6
Fire Station (Main St.)	8,172	\$2.75/SF	848.33	103.7
Landfill Building	2,400	\$6.32/SF	567.74	236.4
Lebanon Library	4,154	\$4.43/SF	519.18	124.9
Police Station	13,812	\$4.49/SF	1599.90	115.8
W. Lebanon Library	4,438	\$1.89/SF	299.91	67.5

## Total Energy Use By Department (Lbs of CO2)



## Snapshot of Energy Use By Building (MMBtus)



Energy intensity measures the relative energy efficiency of particular buildings. Site energy intensity is calculated by taking the amount of energy used in the building (a total aggregate of heating fuel and electricity) and dividing it by the square feet of space. It can be reduced through behavioral and energy conservation measures. The most cost-effective opportunities for saving energy on site involves behavioral changes (such as keeping lights and computers turned off; turning down thermostats) and energy conserving technologies (such as compact fluorescent bulbs and motion sensor lighting).



This inventory is made possible through the New Hampshire Municipal Energy Assistance Program with regional support from Vital Communities and SERG. Data analysis is provided by EPA Portfolio Manager and the Small Town Carbon Calculator (STOCC).

For more information, contact Megan Shannon [megan@vitalcommunities.org](mailto:megan@vitalcommunities.org).