



# How much energy do we consume (US)?

Residential:	21,525
Commercial:	18,147
Industrial:	31,668
Transportation:	27,045
<b>Total:</b>	<b>98,385</b>
<b>World:</b>	<b>586,867</b>
<b>Percentage:</b>	<b>16%</b>

Units: Trillion Btu  
Source: US EIA 2014 end use ranking table C10.

# How much energy do we (SC) consume?

Residential:	377
Commercial:	268
Industrial:	543
Transportation:	444
<b>Total:</b>	<b>1,632</b>
<b>%of US:</b>	<b>1.6</b>

Units: Trillion Btu

Source: US EIA 2014 end use ranking table C10.

# How much do we spend for energy (US)?

\$ per Million Btu:	21.33
Total Millions of \$:	1,394,974
\$ per Person:	4,374
% of GDP:	8

Source: [US EIA 2014 end use ranking table E15](#).

# How much do we spend for energy (SC)?

\$ per Million Btu:	21.74
Total Millions of \$:	21,876
\$ per Person:	4,530

Source: US EIA 2014 end use ranking table E15.

# What does it cost us?

## Average Income:

\$ per person US:	46,414
\$ per person SC:	36,860
\$ per person ID:	37,153




## % Income spent on Energy:

US:	9.4
SC:	12.2
ID:	11.5

Source: US EIA 2014 and [US Census Bureau 2014](#).

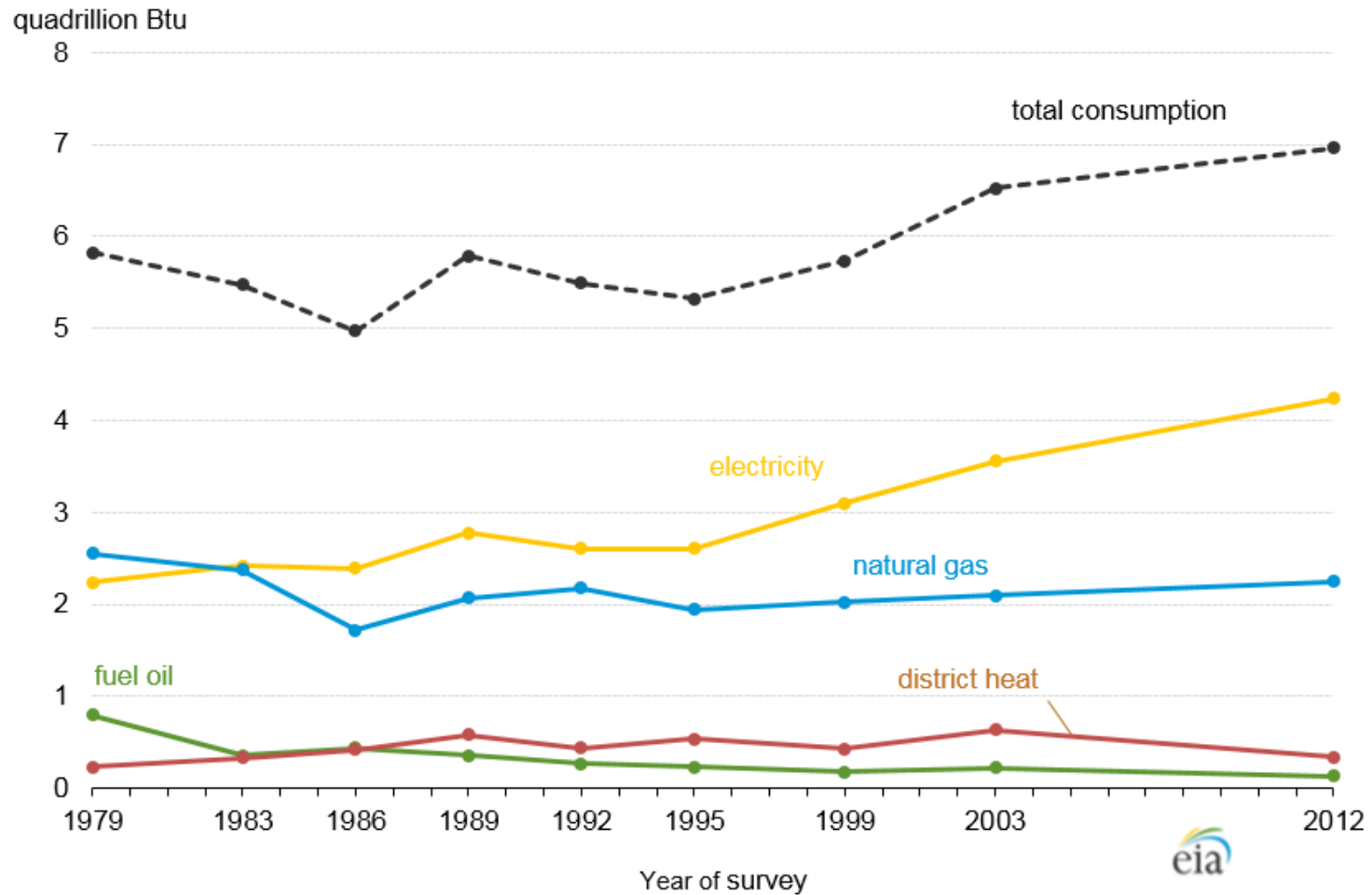


# CBECS 2012 v 2003

Number of Buildings		14 %
Total Square Footage		22 %
Energy Use		7 %

[2012 CBECS Web Link](#)

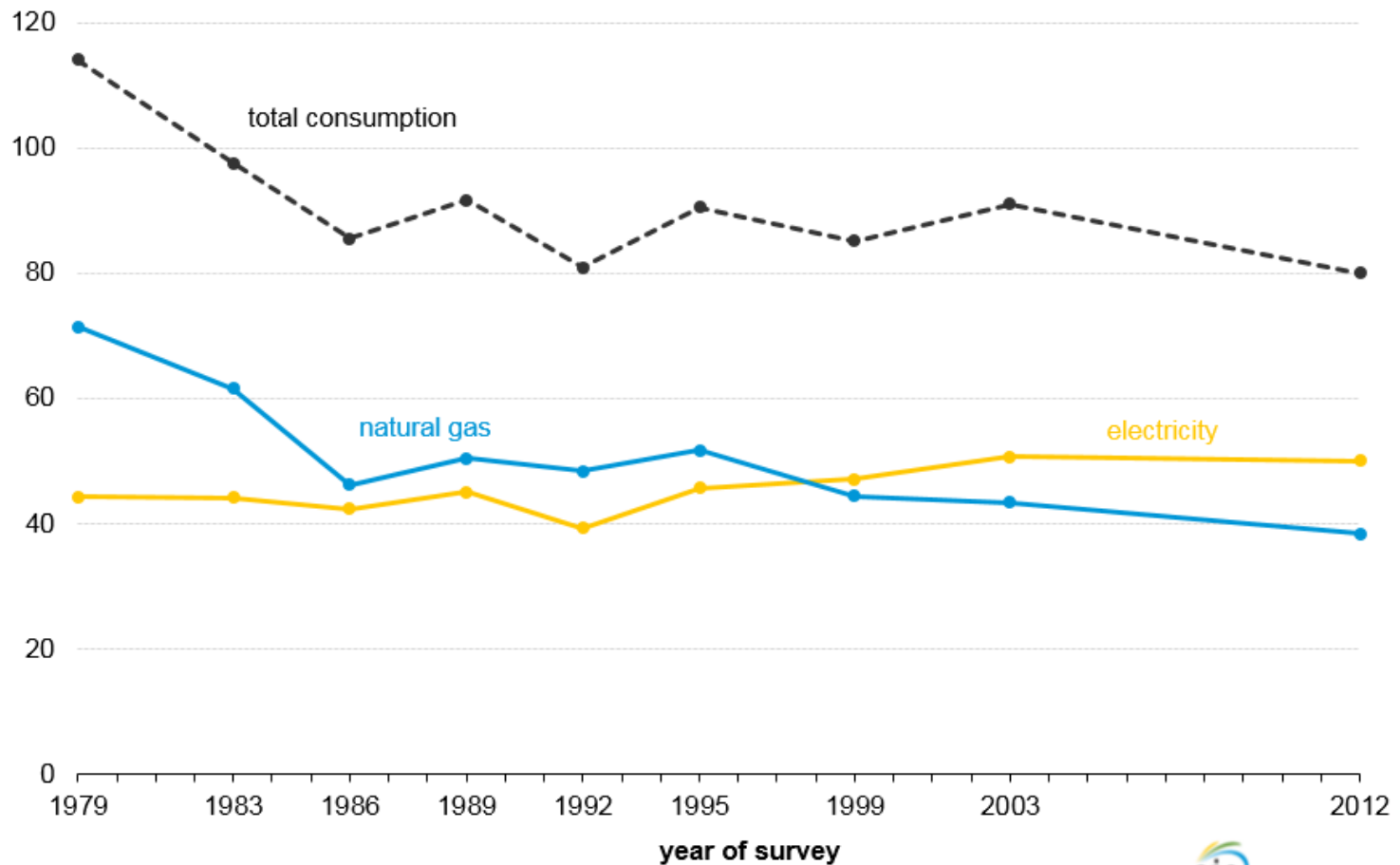
Figure 1. Total electricity usage has increased more than the other energy sources since 2003



Source: U.S. Energy Information Administration, Commercial Buildings Energy Consumption Survey.

Figure 3. Total energy used per square foot in commercial buildings has decreased since 2003

thousand Btu per square foot



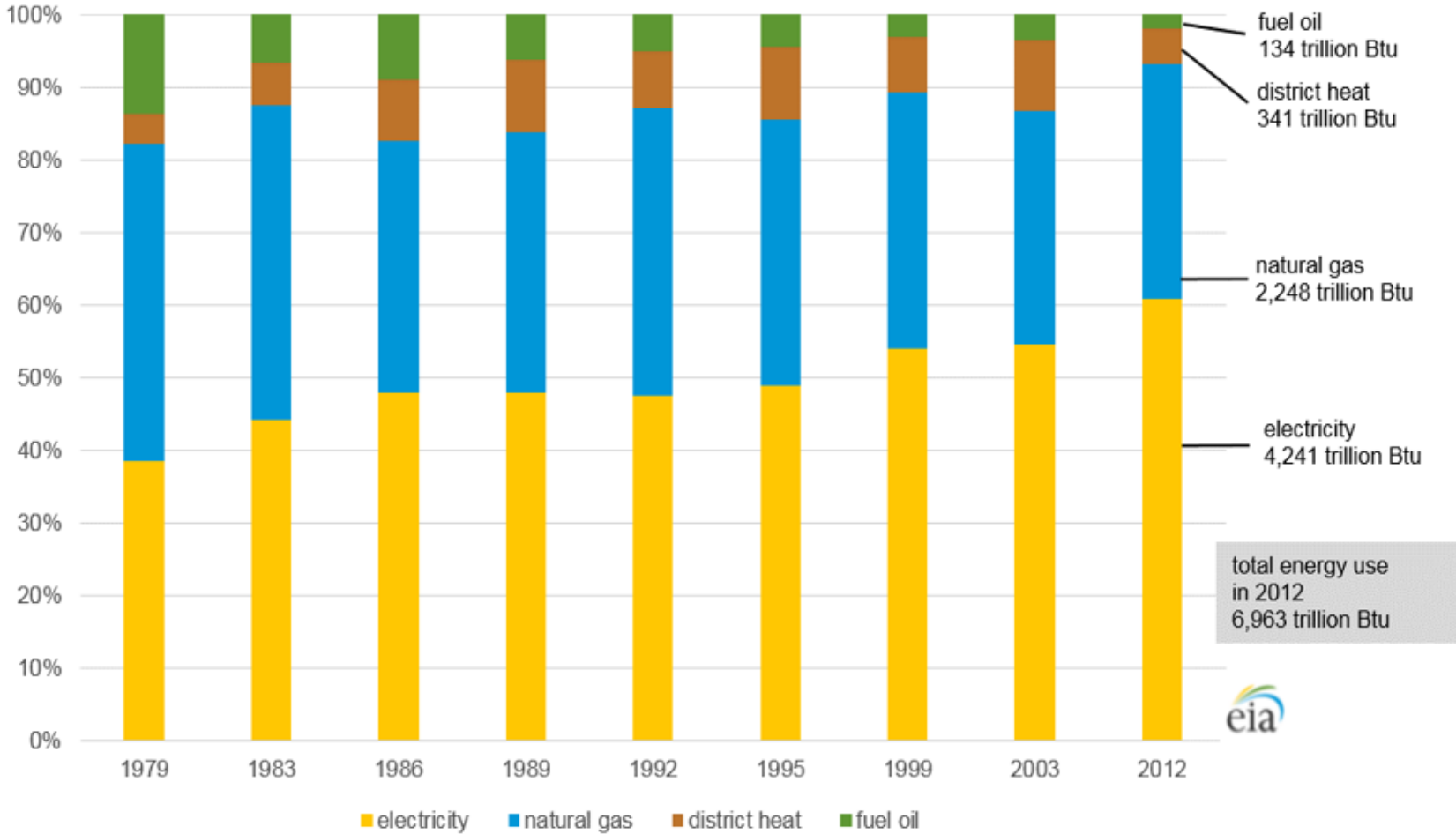
Source: U.S. Energy Information Administration, Commercial Buildings Energy Consumption Survey.





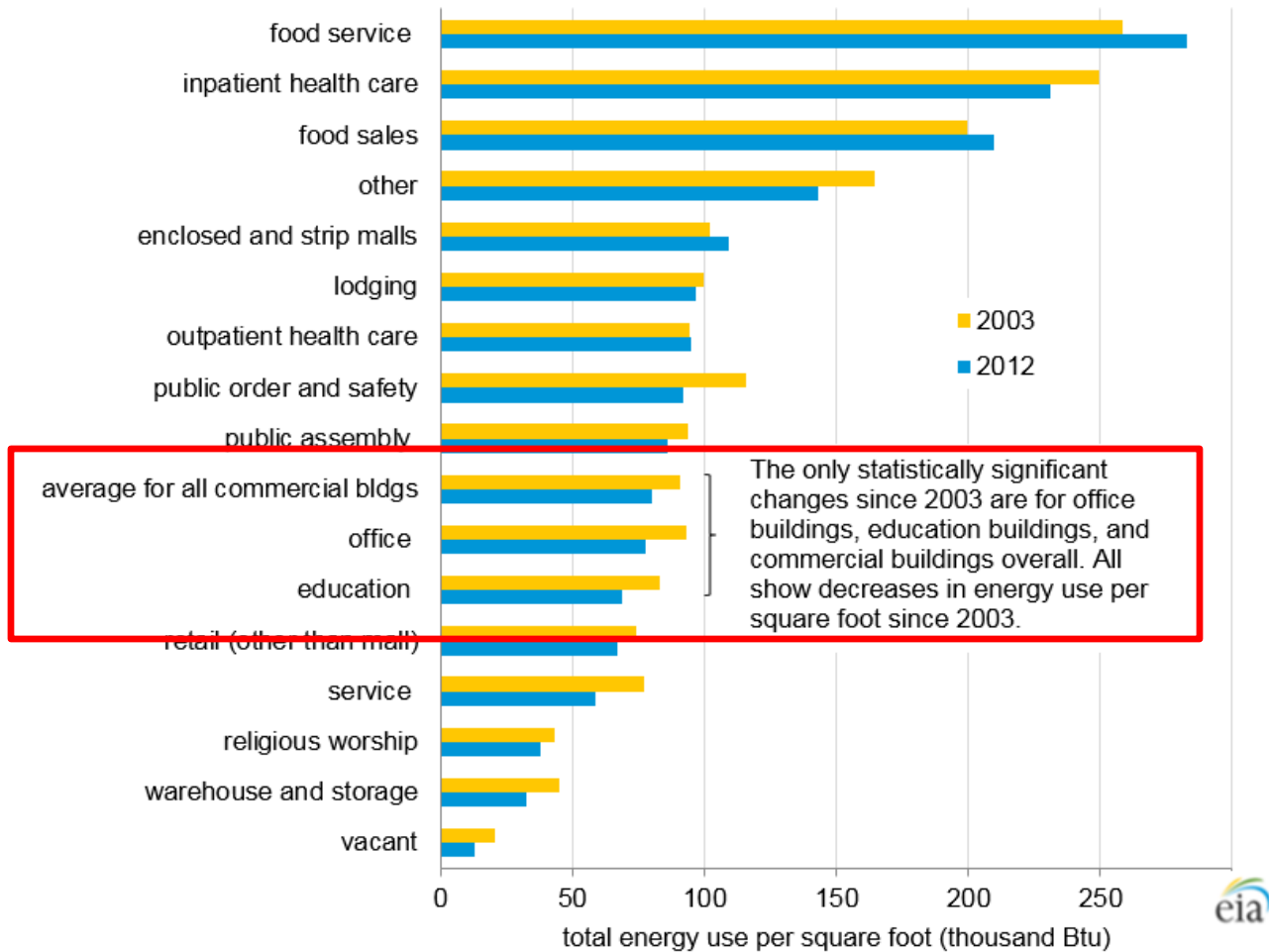


### Figure 2. Electricity now accounts for 61% of all energy consumed in commercial buildings



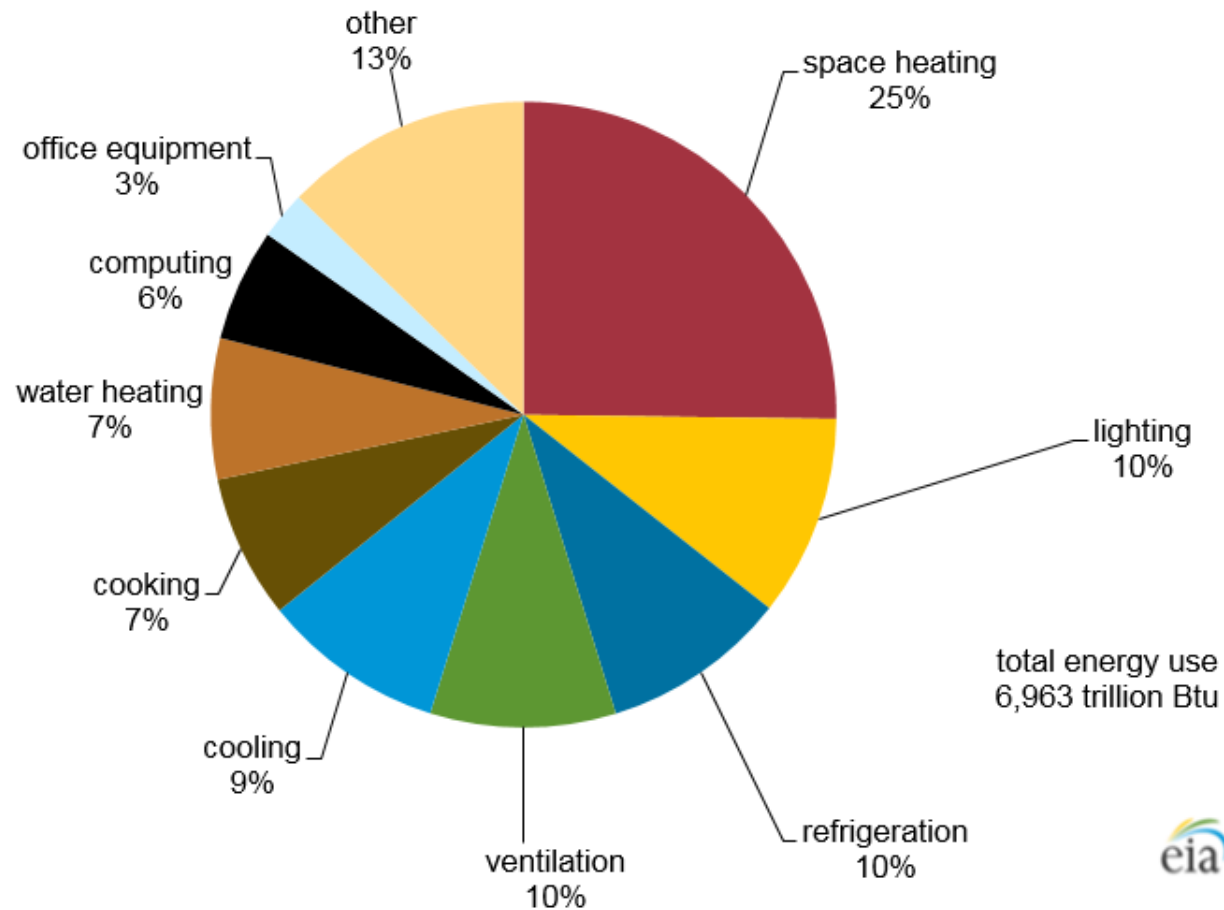
Source: U.S. Energy Information Administration, Commercial Buildings Energy Consumption Survey.

Figure 4. Food service buildings and hospitals are the most intensive users of energy overall



Source: U.S. Energy Information Administration, Commercial Buildings Energy Consumption Survey.

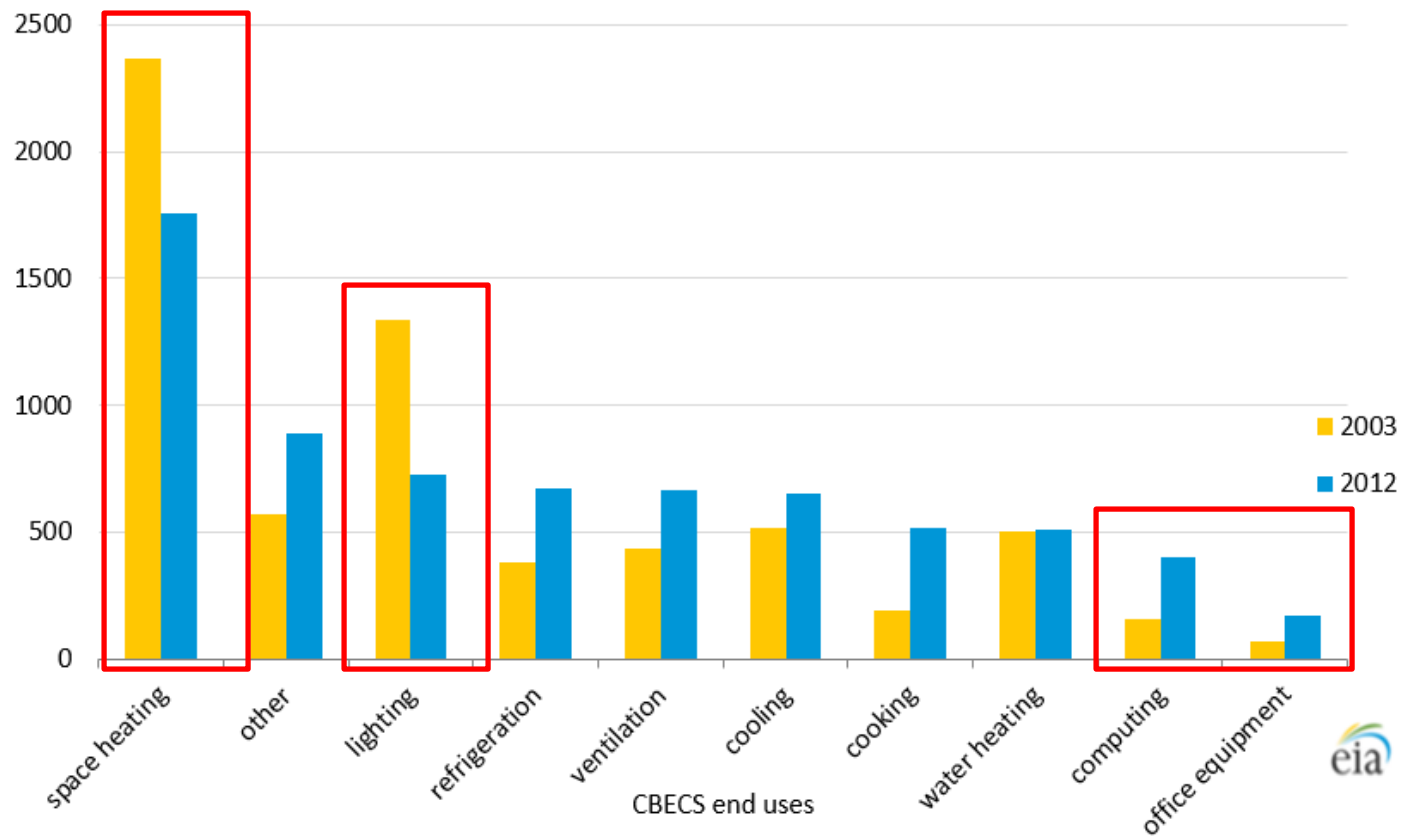
Figure 5. Space heating demanded the most overall energy use in commercial buildings in 2012, followed by other uses



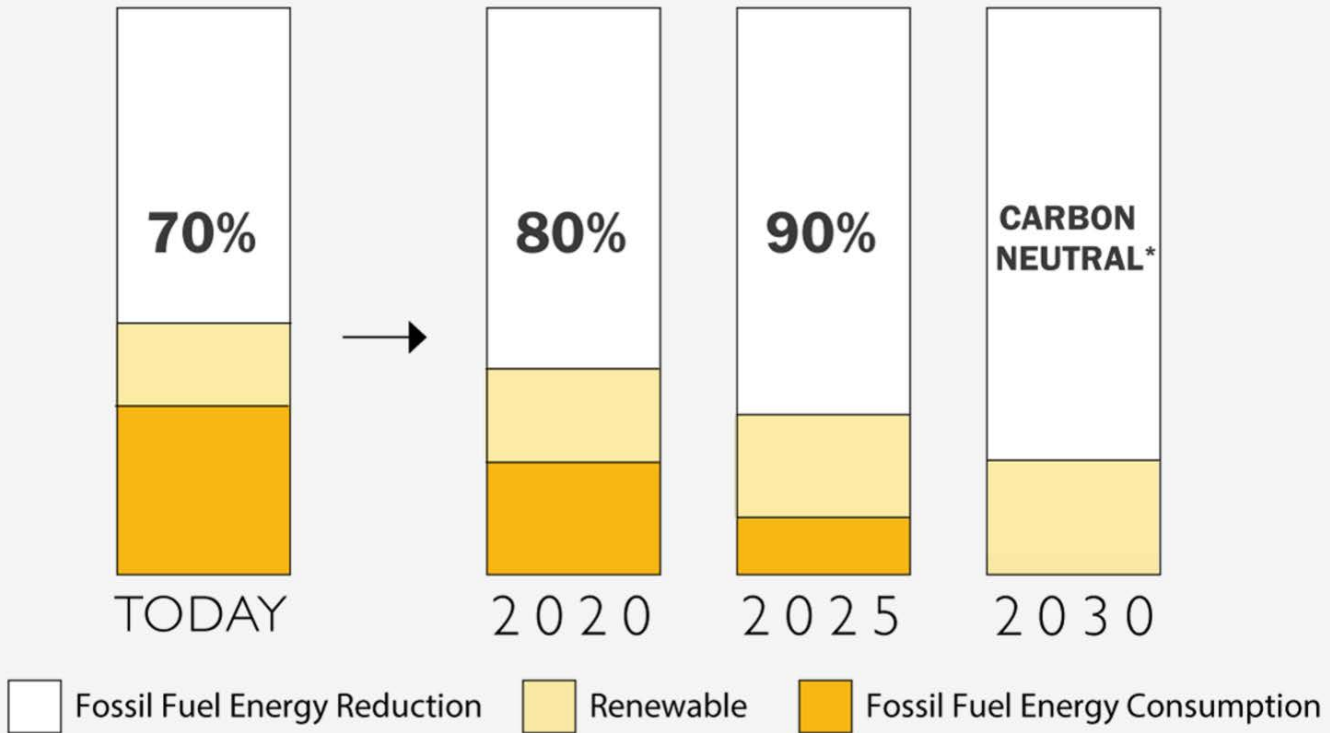
Source: U.S. Energy Information Administration, 2012 Commercial Buildings Energy Consumption Survey.

Figure 6. Space heating and lighting energy use in 2012 substantially lower than in 2003

total consumption  
(trillion Btu)



Source: U.S. Energy Information Administration, 2012 Commercial Buildings Energy Consumption Survey.



## The 2030 Challenge

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*\*Using no fossil fuel GHG-emitting energy to operate.*