

# CBECS: PUBLIC ASSEMBLY

created by:  
INTEGRATED **idl** DESIGN LAB

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88.5

NATIONAL AVERAGE EUI

SAMPLE SIZE 481

The CBECS classifies buildings according to their “principal building activity (PBA)” at the time when the survey is completed. The PBA is defined as the primary business, commerce, or function within each building. For projects with multiple activity classifications, the activity that occupies the most floorspace ultimately defines the usage type category. Buildings are also classified into more specific sub-categories of activities, which are reflected in the “National Office Activity Breakdown” chart below.

The CBECS website specifically defines the education PBA as “Buildings used for academic or technical classroom instruction, such as elementary, middle, or high schools, and classroom buildings on college or university campuses. Buildings on education campuses for which the main use is not classroom are included in the category relating to their use. For example, administration buildings are part of “Office,” dormitories are “Lodging,” and libraries are “Public Assembly.”

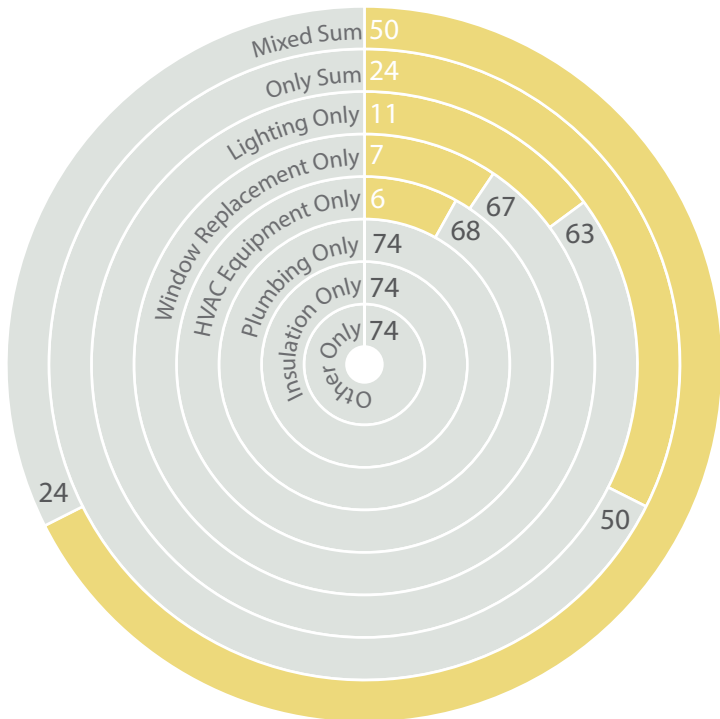
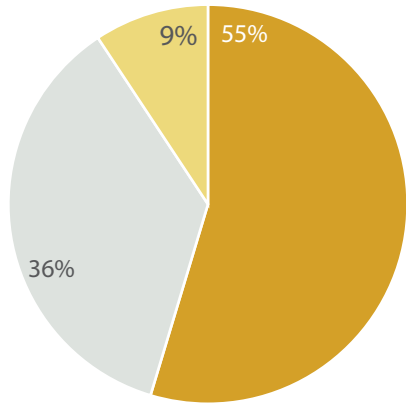
More information on building activity definitions can be found on the CBECS website located here:

[http://www.eia.gov/emeu/cbecs/building\\_types.html](http://www.eia.gov/emeu/cbecs/building_types.html)

## IPCCR % of Buildings with Renovations

SAMPLE SIZE 170

Renovation, Yes  
Renovation, No  
Renovation Unknown



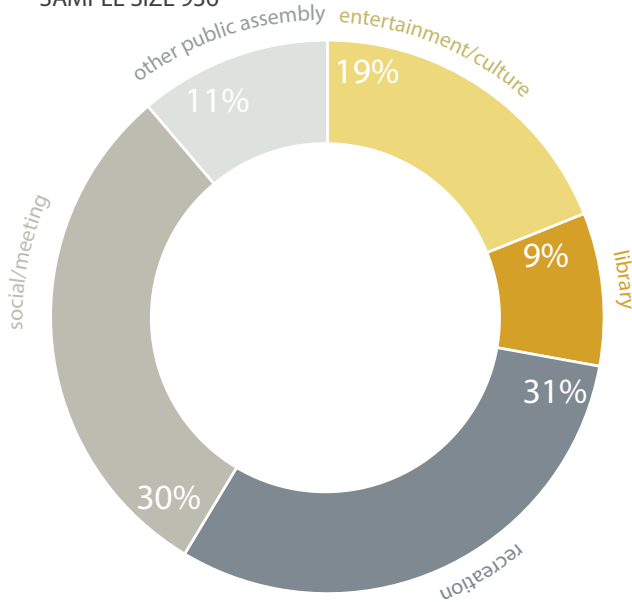
EUI 997.6

Building 4416  
Midwest  
Upper Quartile

11% miscellaneous  
3% computer  
1% office equipment  
3% refrigeration  
5% cooking  
8% lighting  
5% water heating  
7% ventilation  
4% cooling  
54% heating

## National Education Activity Breakdown

SAMPLE SIZE 936



EUI 531.1

Building 4403  
Midwest  
Upper Quartile

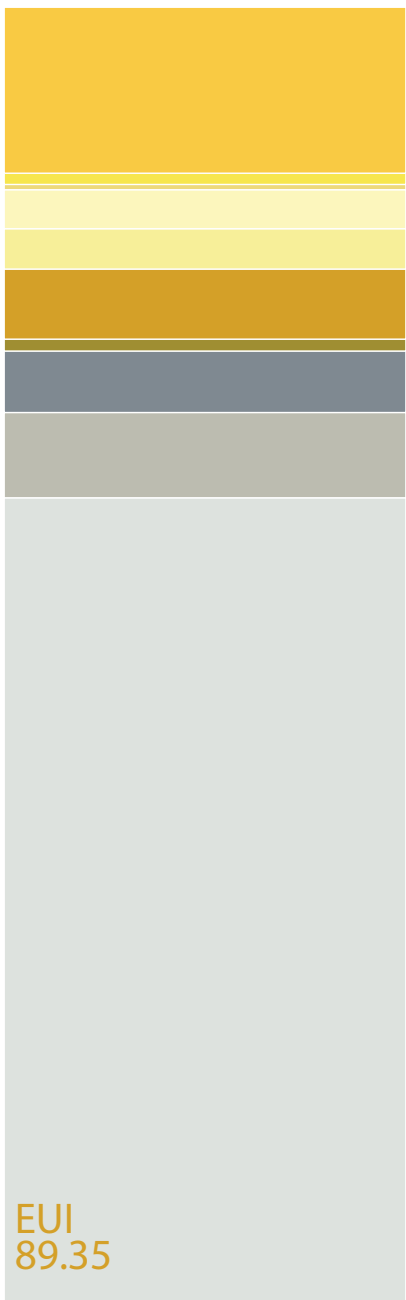
EUI 436.19

Building 4871  
Midwest  
Upper Quartile

EUI 429.8

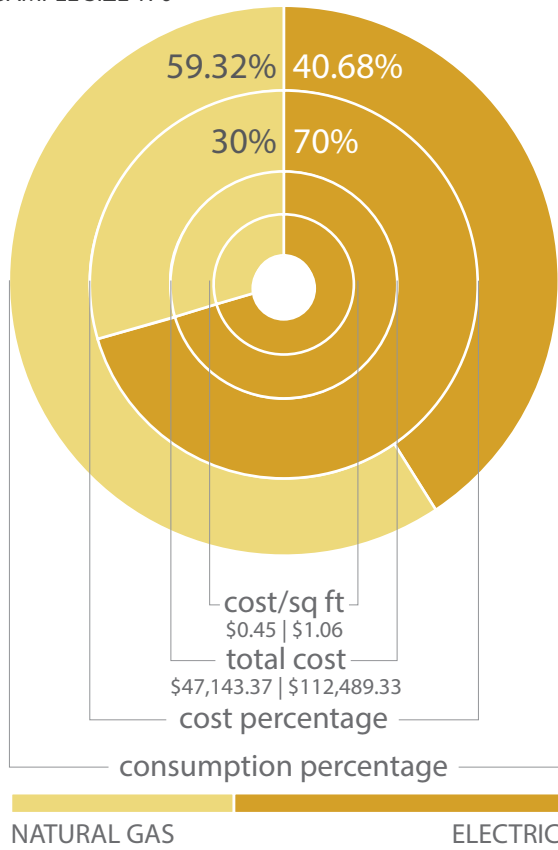
Building 1654  
West  
Median Quartile

## IPCCR Disaggregated EUI



## IPCCR Utility Breakdown

SAMPLE SIZE 170



EUI 245.4

Building 3384  
West  
Median Quartile

EUI 107.3

Building 5059  
Midwest  
Median Quartile

EUI 107.1

Building 3247  
West  
Lower Quartile

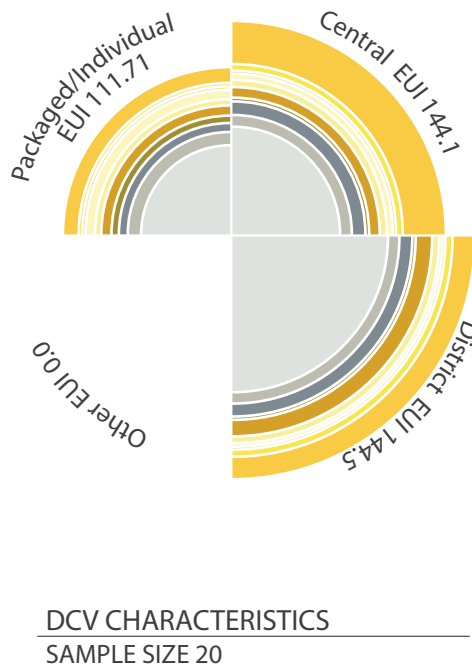
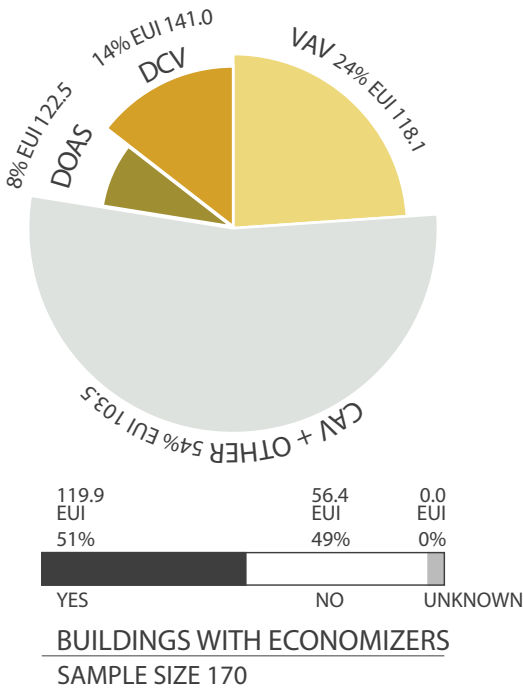
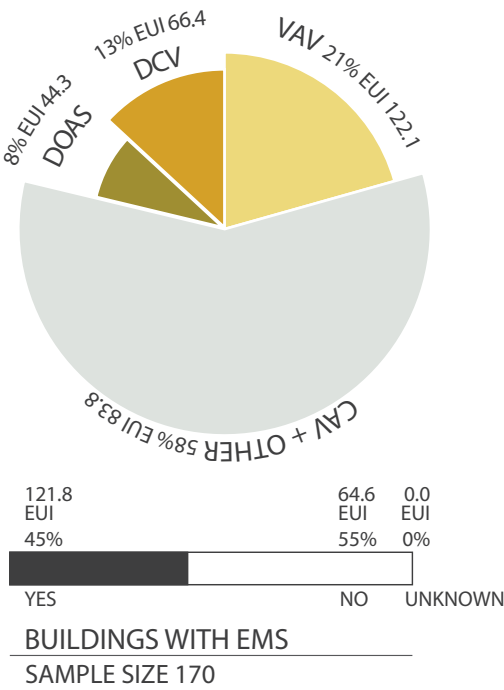
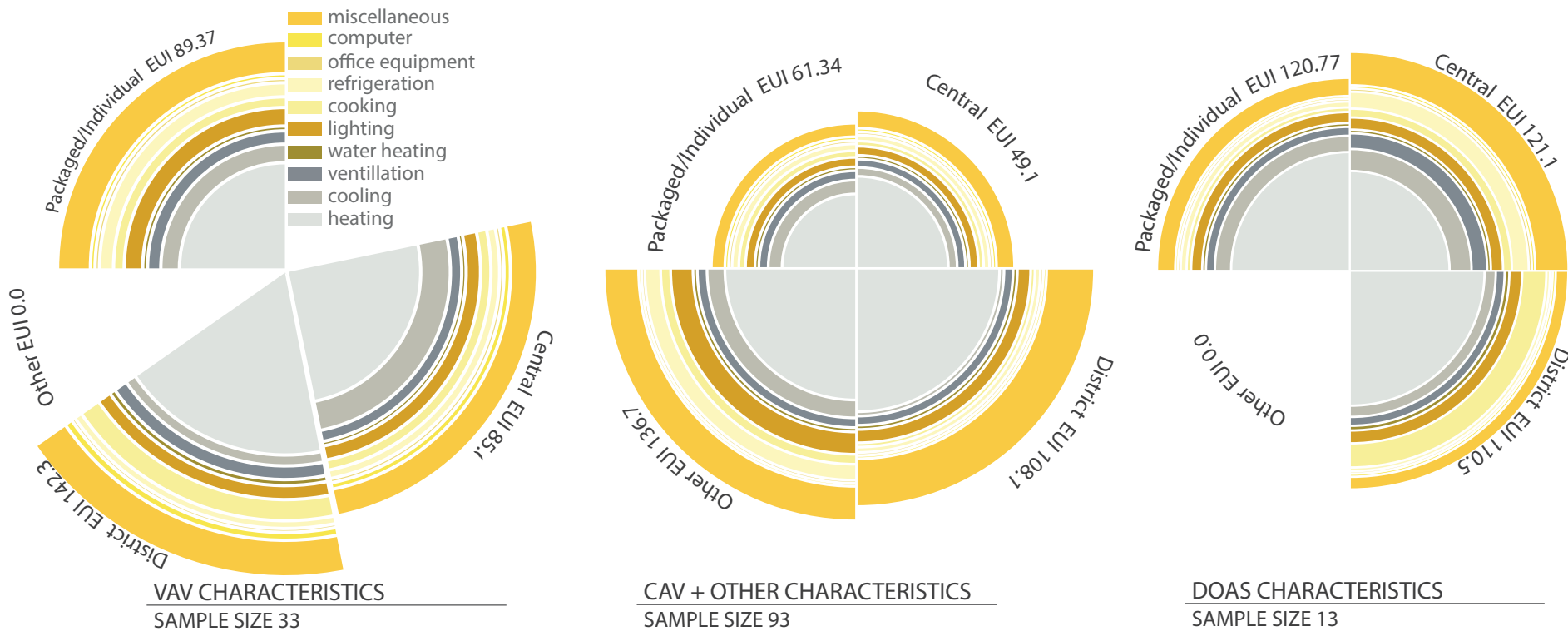
EUI 68.5

Building 4357  
West  
Lower Quartile

EUI 16.7

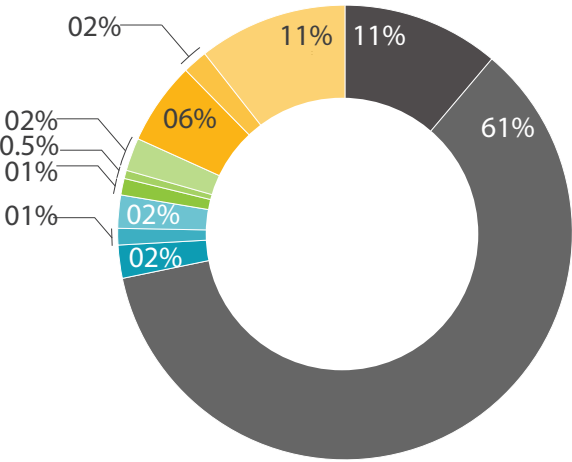
Building 4112  
Midwest  
Lower Quartile

IPCCR EUI by HVAC Characteristics



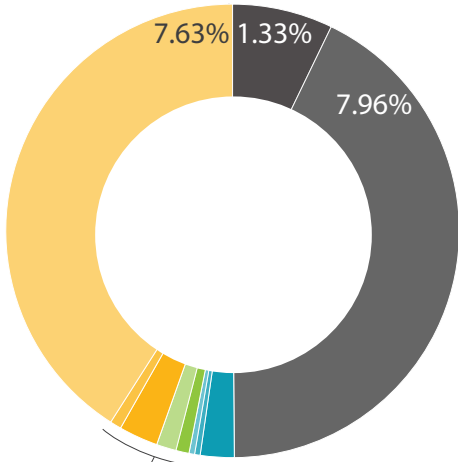
IPCCR EUI by Building Shape

SAMPLE SIZE 170



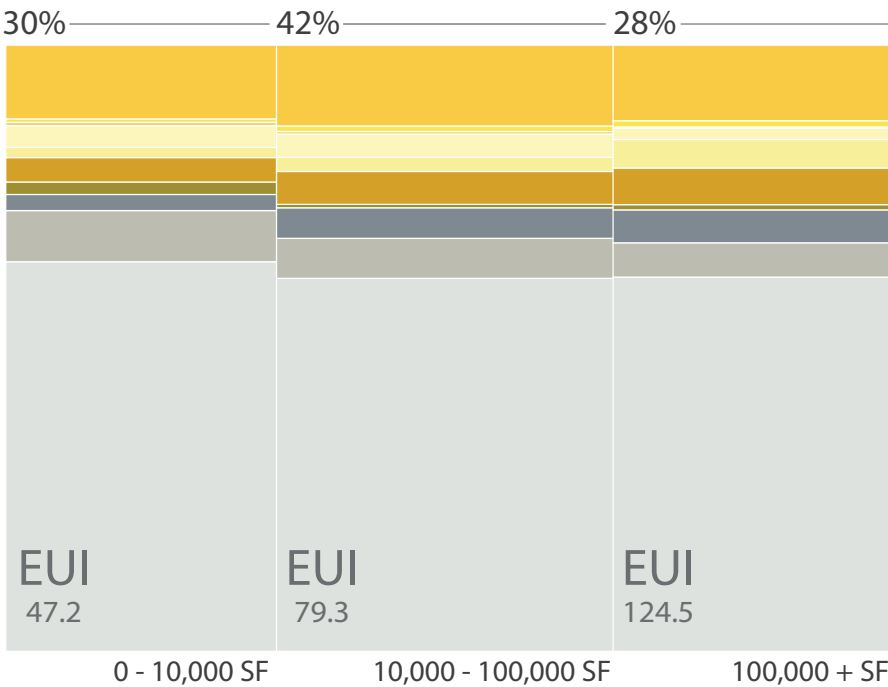
IPCCR Total Area Daylit

SAMPLE SIZE 170



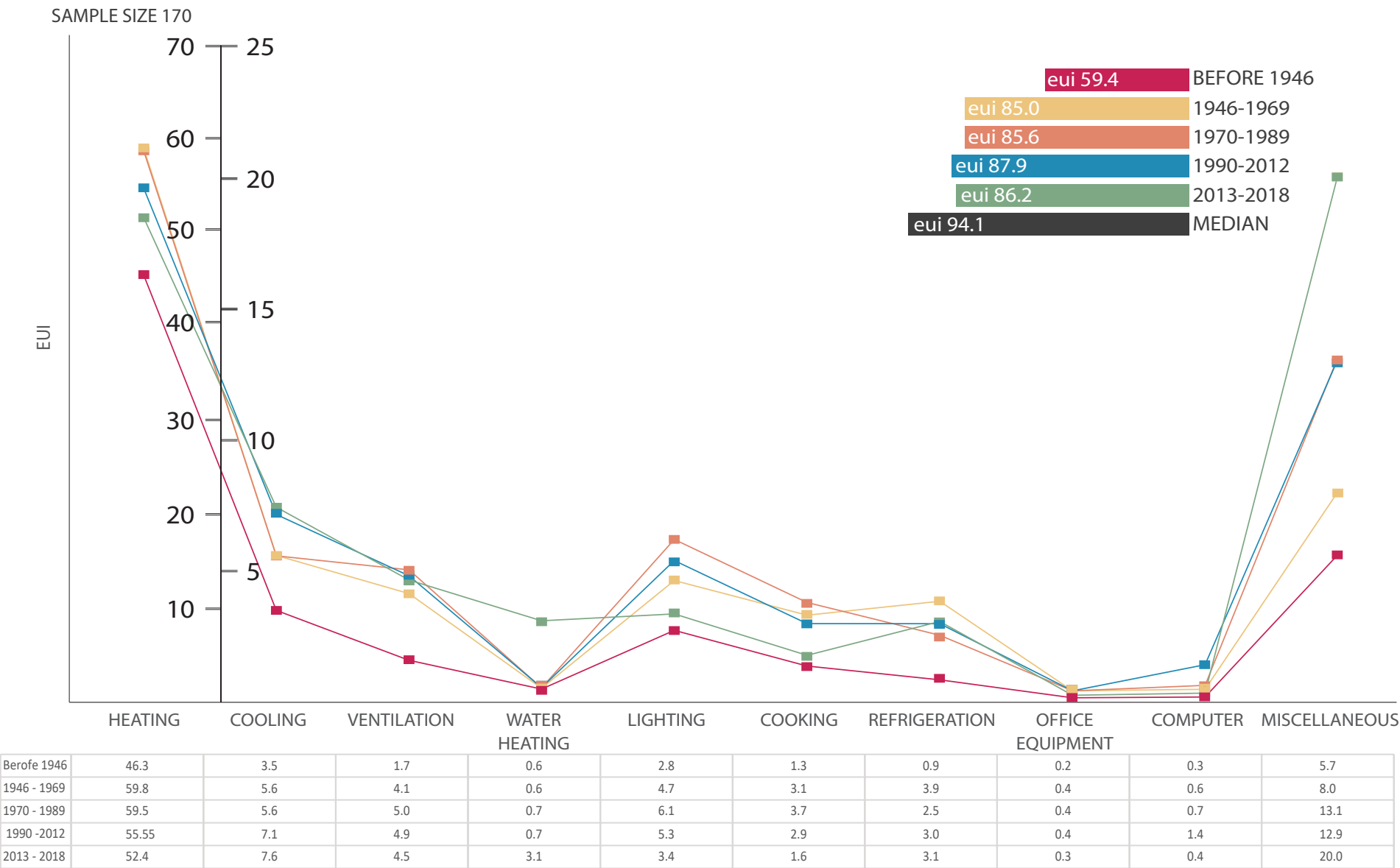
IPCCR EUI by Building Size

SAMPLE SIZE 170



- miscellaneous
- computer
- office equipment
- refrigeration
- cooking
- lighting
- water heating
- ventilation
- cooling
- heating

IPCCR EUI By Vintage / End Use



IPCCR Lighting

