

CBECS: EDUCATION

created by:
INTEGRATED **idl** DESIGN LAB

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65.7

NATIONAL AVERAGE EUI

SAMPLE SIZE 936

66.5

IPC Climate Region
Average EUI

SAMPLE SIZE 306

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."

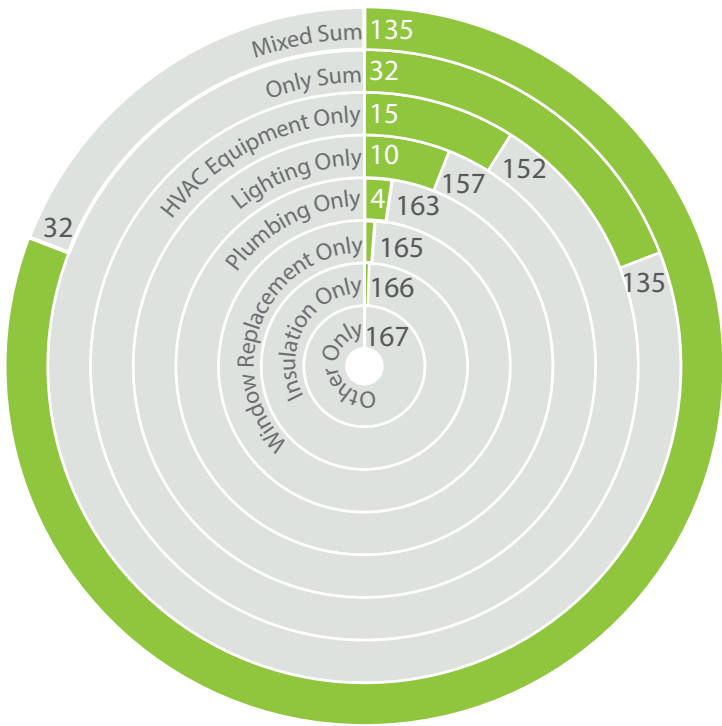
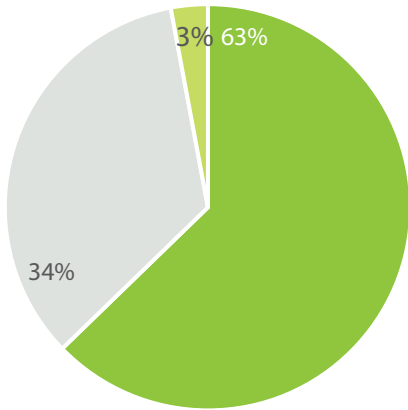
More information on building activity definitions can be found on the CBECS website located here:

http://www.eia.gov/emeu/cbecs/building_types.html

IPCCR % of Buildings with Renovations

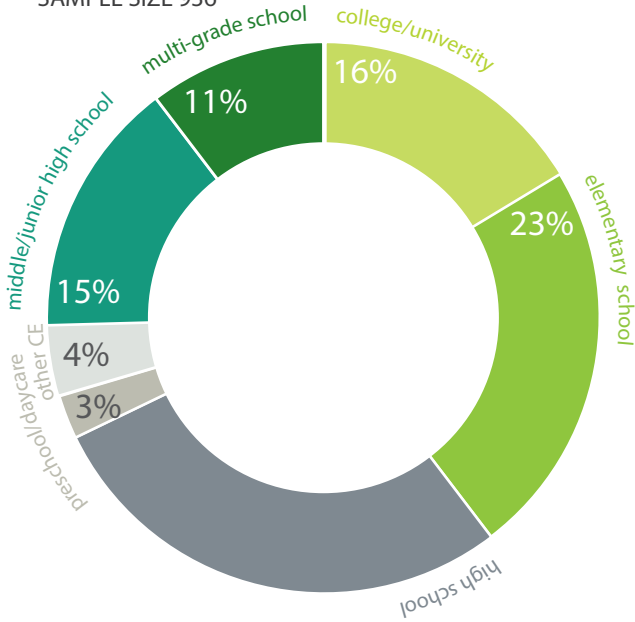
SAMPLE SIZE 306

Renovation, Yes
Renovation, No
Renovation Unknown



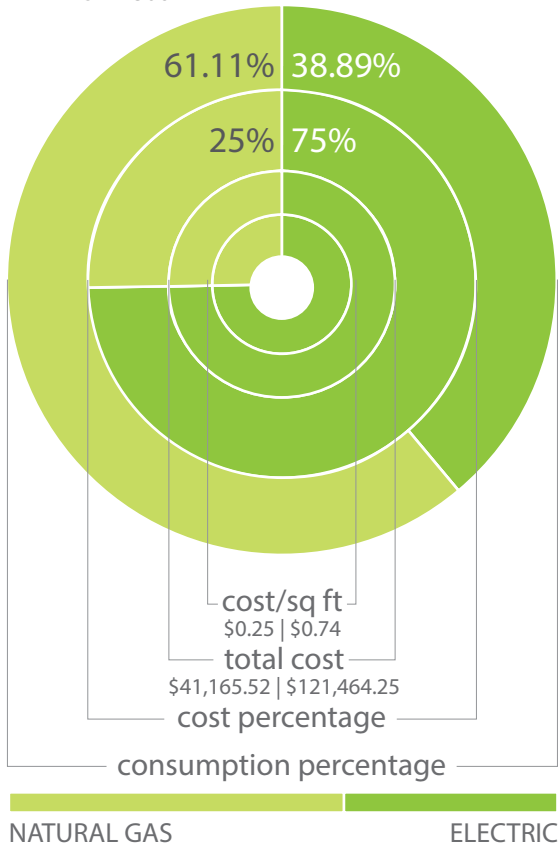
National Education Activity Breakdown

SAMPLE SIZE 936



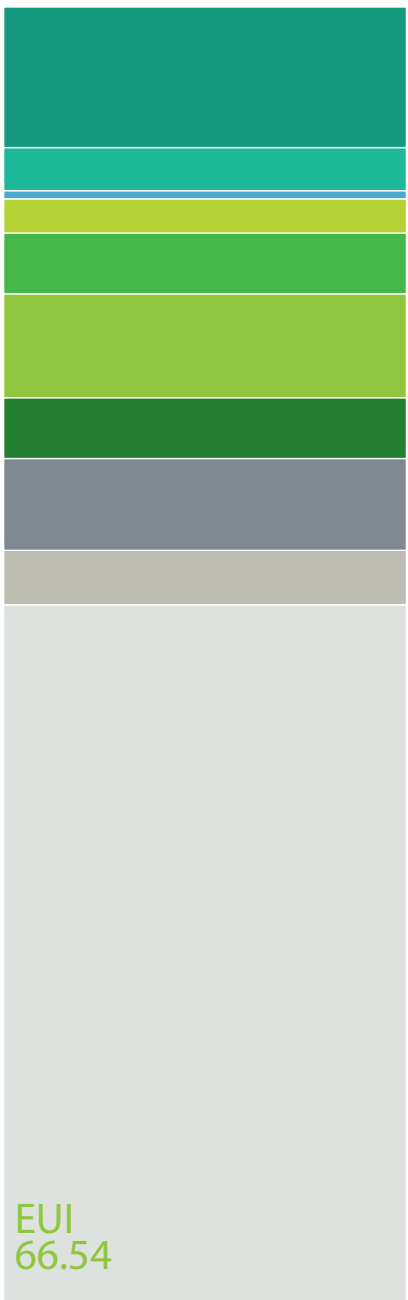
IPCCR Utility Breakdown

SAMPLE SIZE 306



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

IPCCR Disaggregated EUI



SAMPLE SIZE 306

EUI 79.3
Payette Lakes Middle School
McCall, Idaho
Age 16

EUI 71.4
Perrine Elementry School
Twin Falls, Idaho
Age 28

EUI 70.1
Lincoln Elementary School
Twin Falls, Idaho
Age 74

EUI 68.9
Twin Falls High School
Twin Falls, Idaho
Age 57

EUI 60.6
Bickel Elementary School
Twin Falls, Idaho
Age 93

EUI 59.6
Portland State's Shattuck Hall
Portland, Oregon

EUI 59.5
Morning Side Elementary School
Twin Falls, Idaho
Age 53

EUI 48.8
Sawtooth Elementary School
Twin Falls, Idaho
Age 39

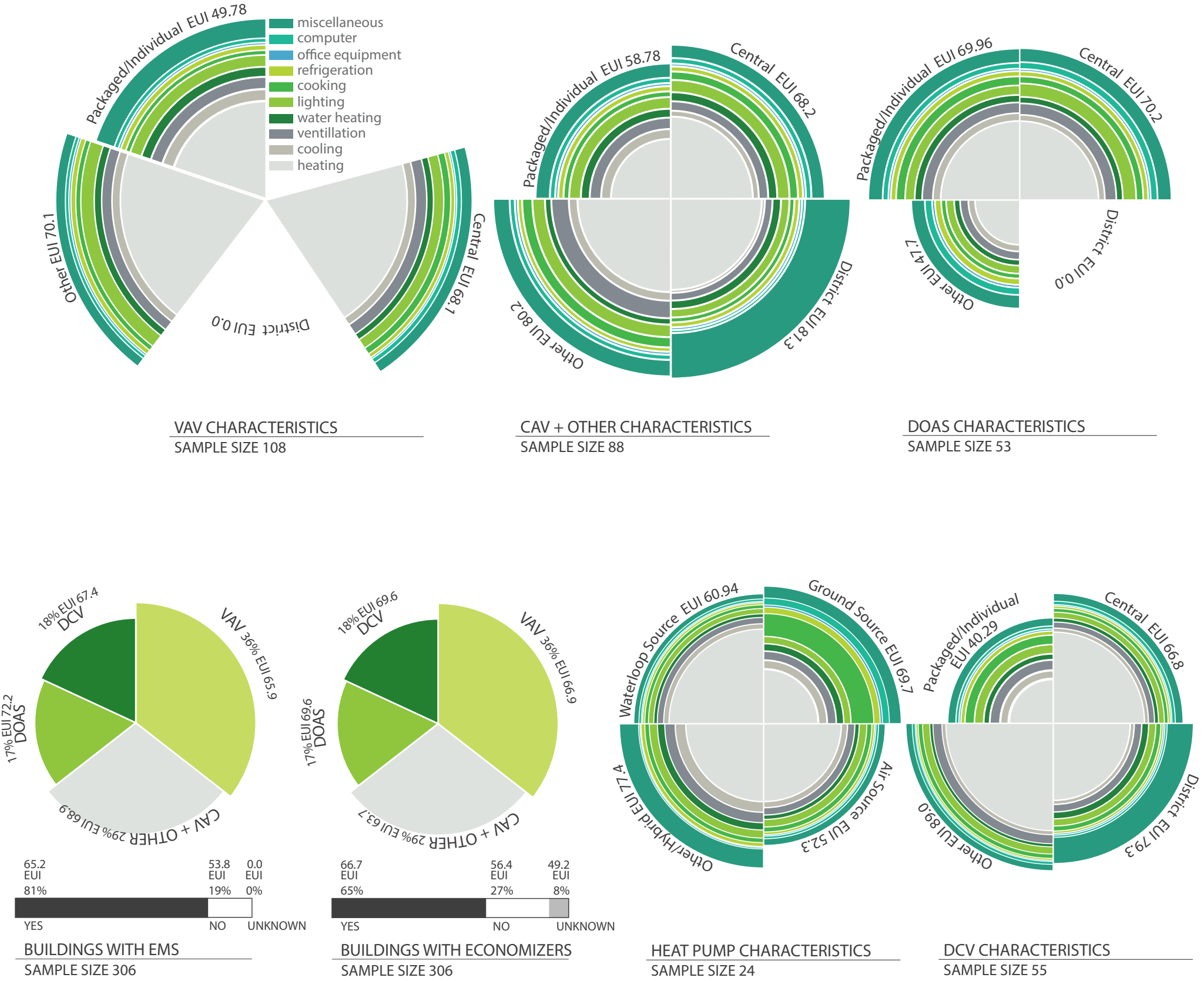
EUI 45.4
Cold Climate Housing Research Center
Fairbanks, Alaska

EUI 37.2
Oregon Trail Elementary School
Twin Falls, Idaho
Age 19

EUI 33.4
Evie Garrett Dennis Campus Phase One
Green Valley Ranch, Denver

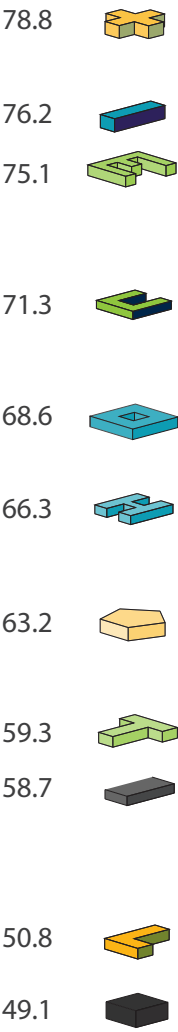
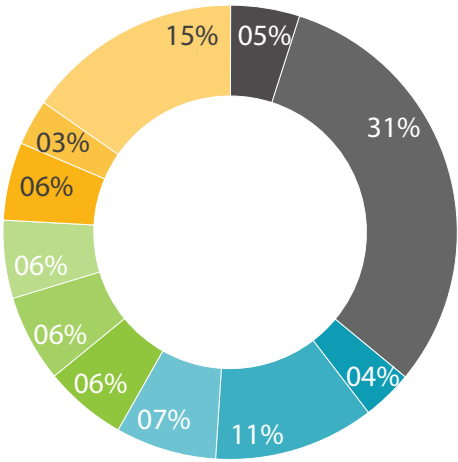
EUI 11.0
The Energy Lab at Hawaii Preparatory Academy
Kamuela, Hawaii

IPCCR EUI by HVAC Characteristics



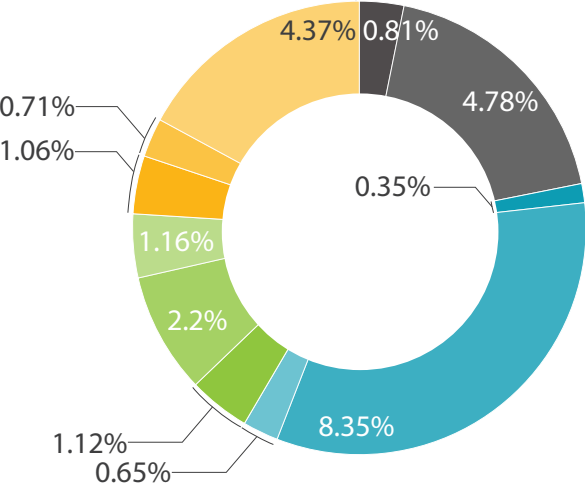
IPCCR EUI by Building Shape

SAMPLE SIZE 306



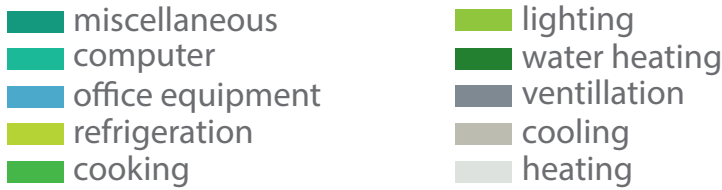
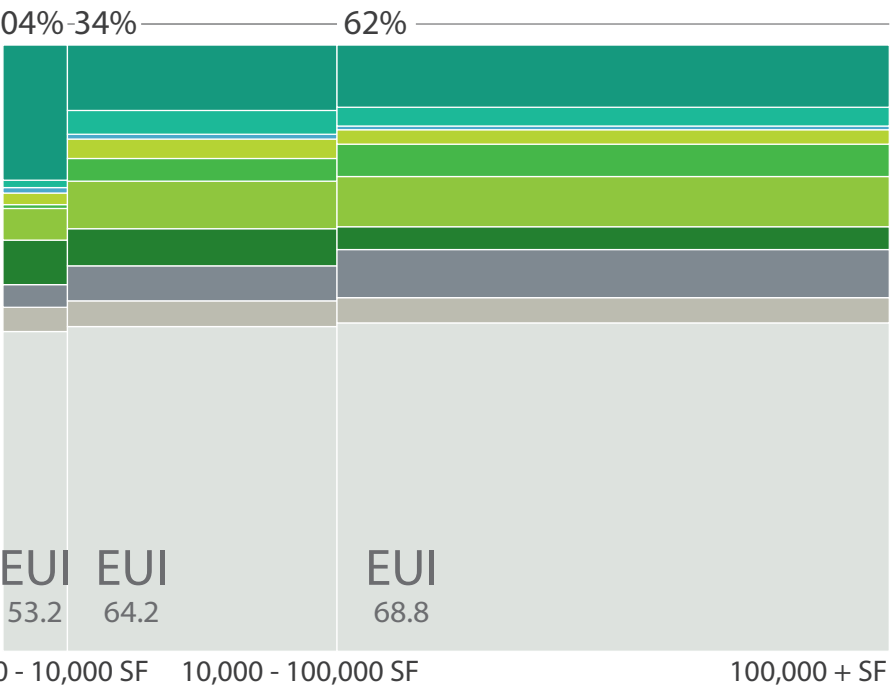
IPCCR Total Area Daylit

SAMPLE SIZE 306

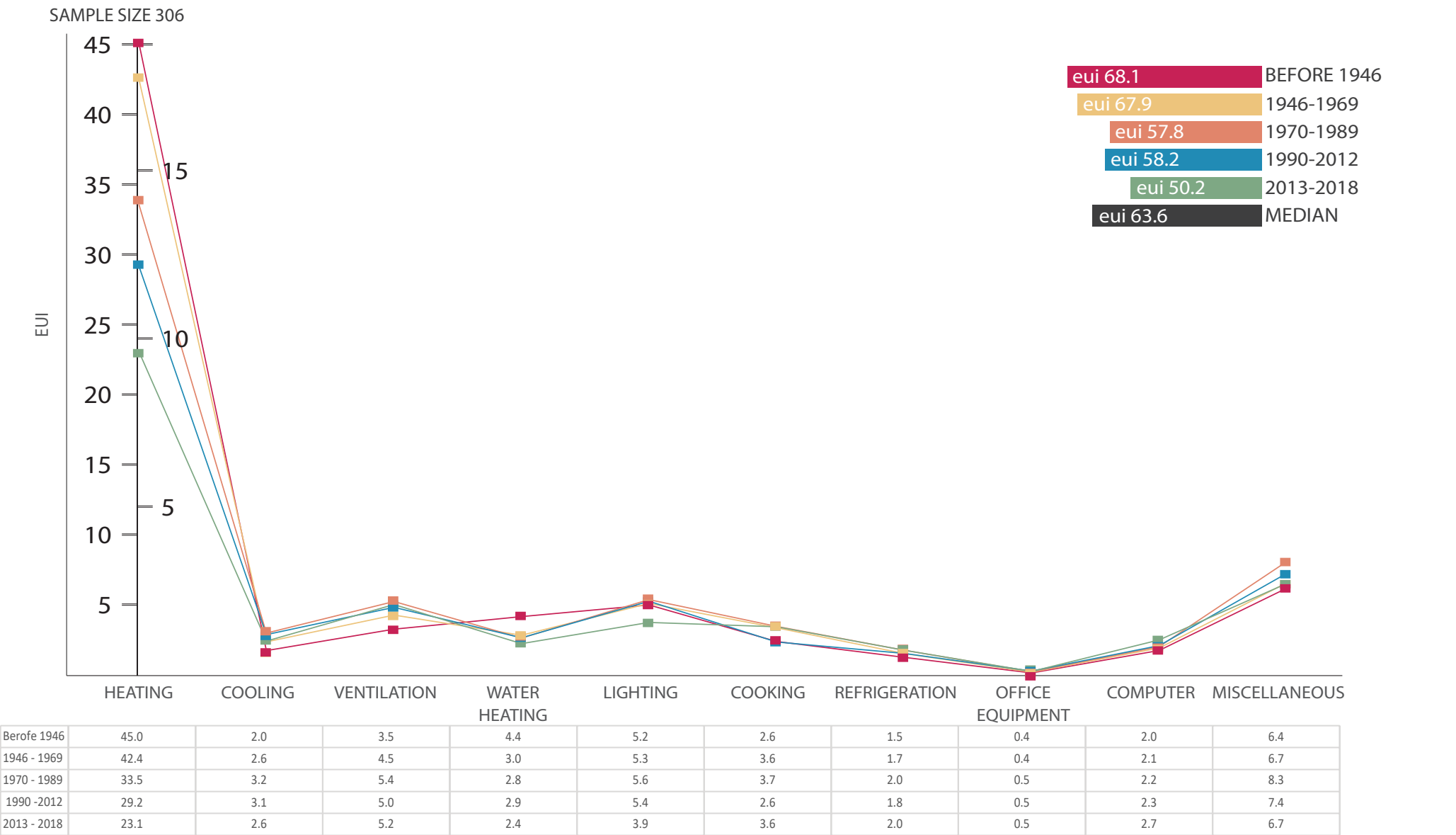


IPCCR EUI by Building Size

SAMPLE SIZE 306



IPCCR EUI By Vintage / End Use



IPCCR Lighting

