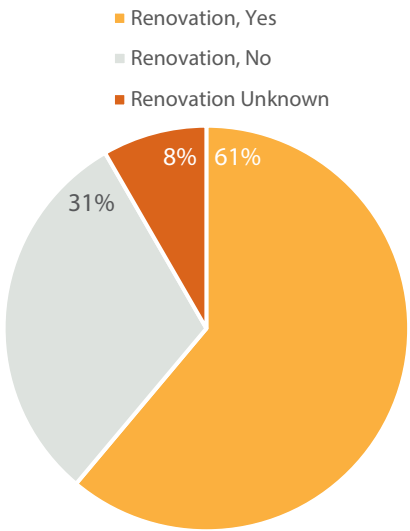
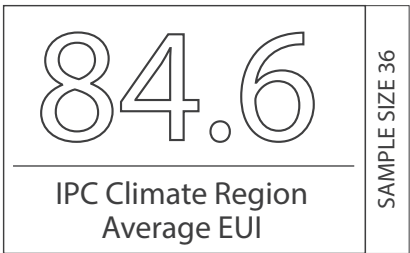
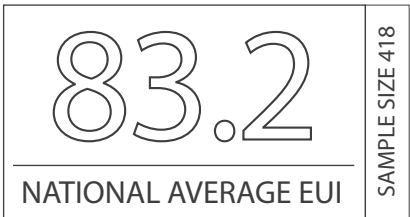


CBECS: LODGING

created by:
INTEGRATED **idl** DESIGN LAB

sponsored by:
IDAHO POWER
An IDACORP Company



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 Lodging Activity Breakdown” chart below.

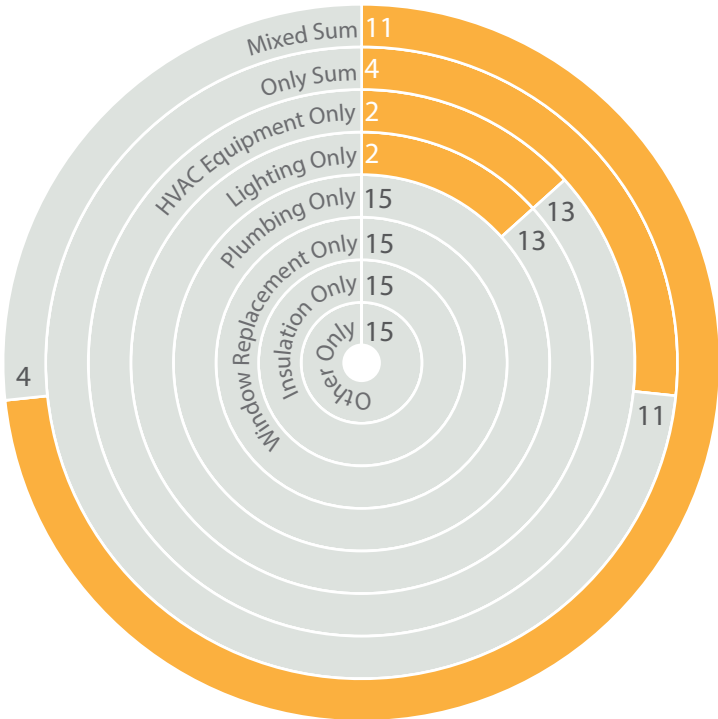
The CBECS website specifically defines the lodging principal building activity as “Buildings used to offer multiple accommodations for short-term or long-term residents, including skilled nursing and other residential care buildings.”

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

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

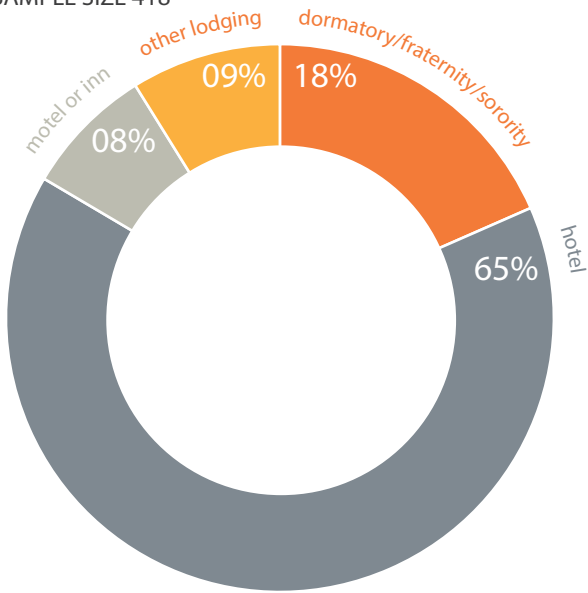
IPCCR % of Buildings with Renovations

SAMPLE SIZE 36



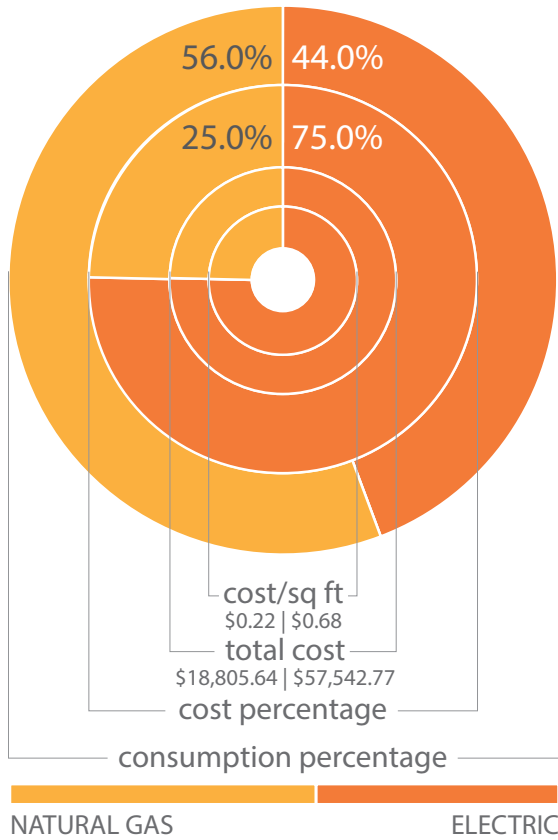
National Lodging Activity Breakdown

SAMPLE SIZE 418



IPCCR Utility Breakdown

SAMPLE SIZE 36



- 16% miscellaneous
2% computer
1% office equipment
4% refrigeration
7% cooking
5% lighting
23% water heating
13% ventillation
4% cooling
26% heating

IPCCR Disaggregated EUI



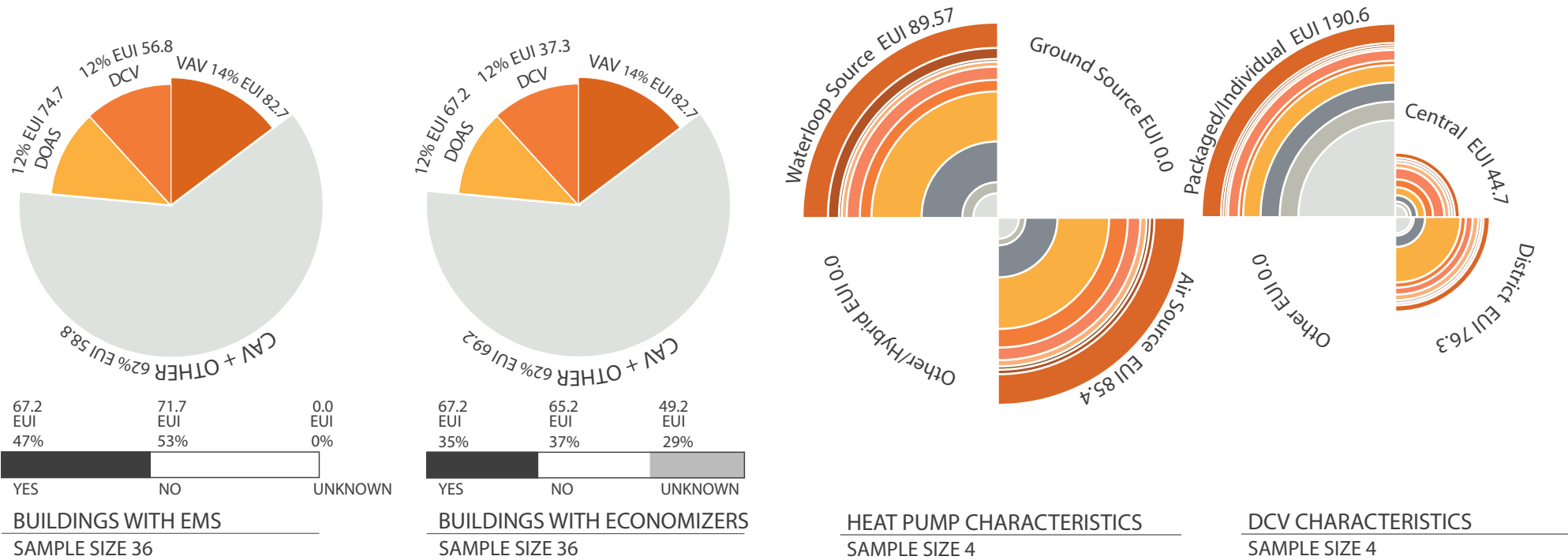
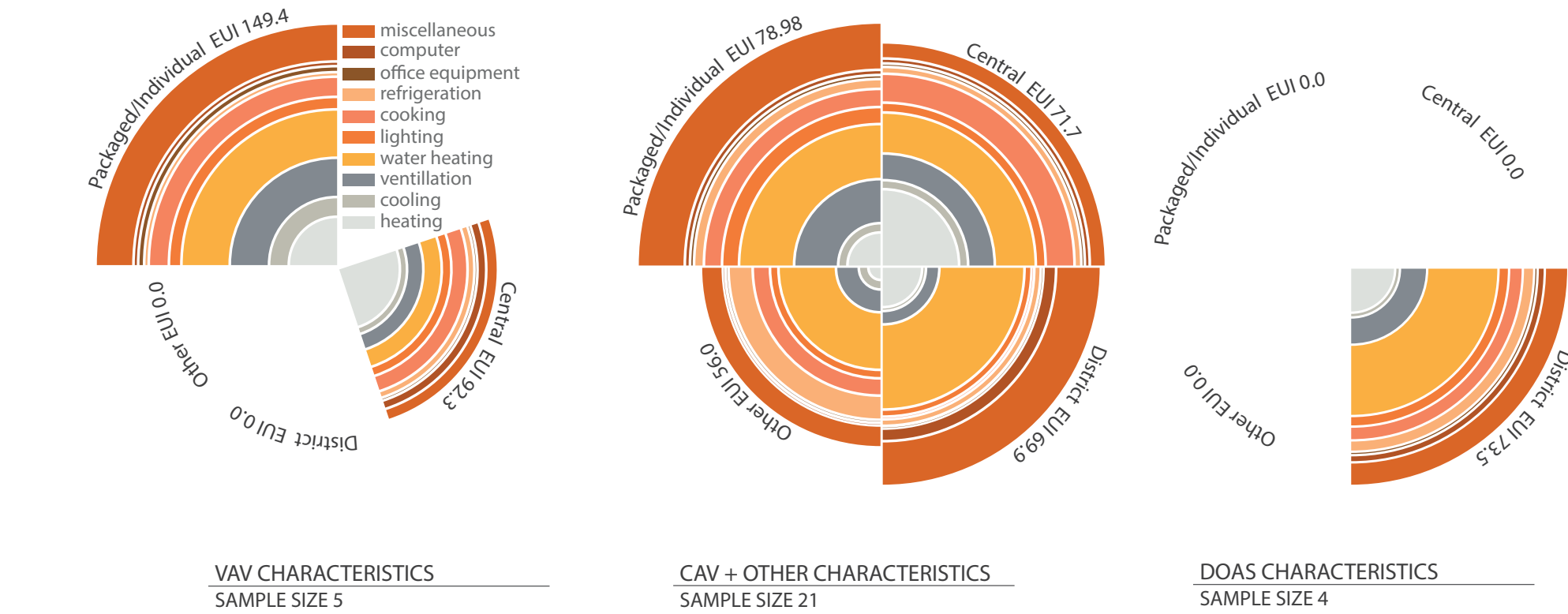
EUI 80.3
IDL EUI STUDY: BUILDING 0057
Southern
Sample Upper Quartile

EUI 72.9
Roberts Hall at Lewis & Clark College
Portland, Oregon

EUI 44.1
IDL EUI STUDY: BUILDING 0052
Southern
Sample Lower Quartile

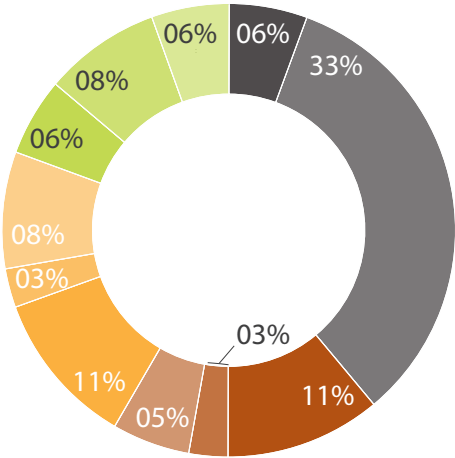
EUI 30.4
Bremerton BEQ
Bremerton, Washington

IPCCR EUI by HVAC Characteristics



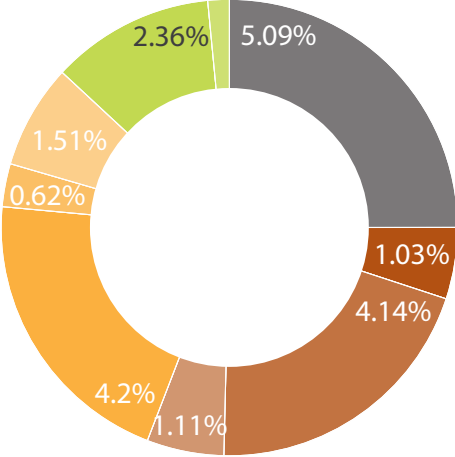
IPCCR EUI by Building Shape

SAMPLE SIZE 36



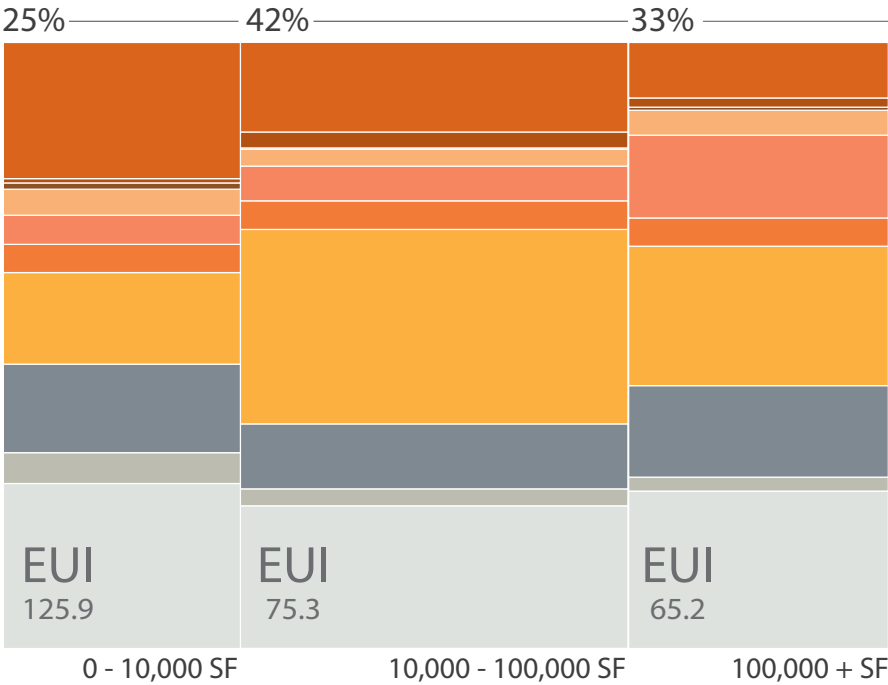
IPCCR Total Area Daylit

SAMPLE SIZE 36



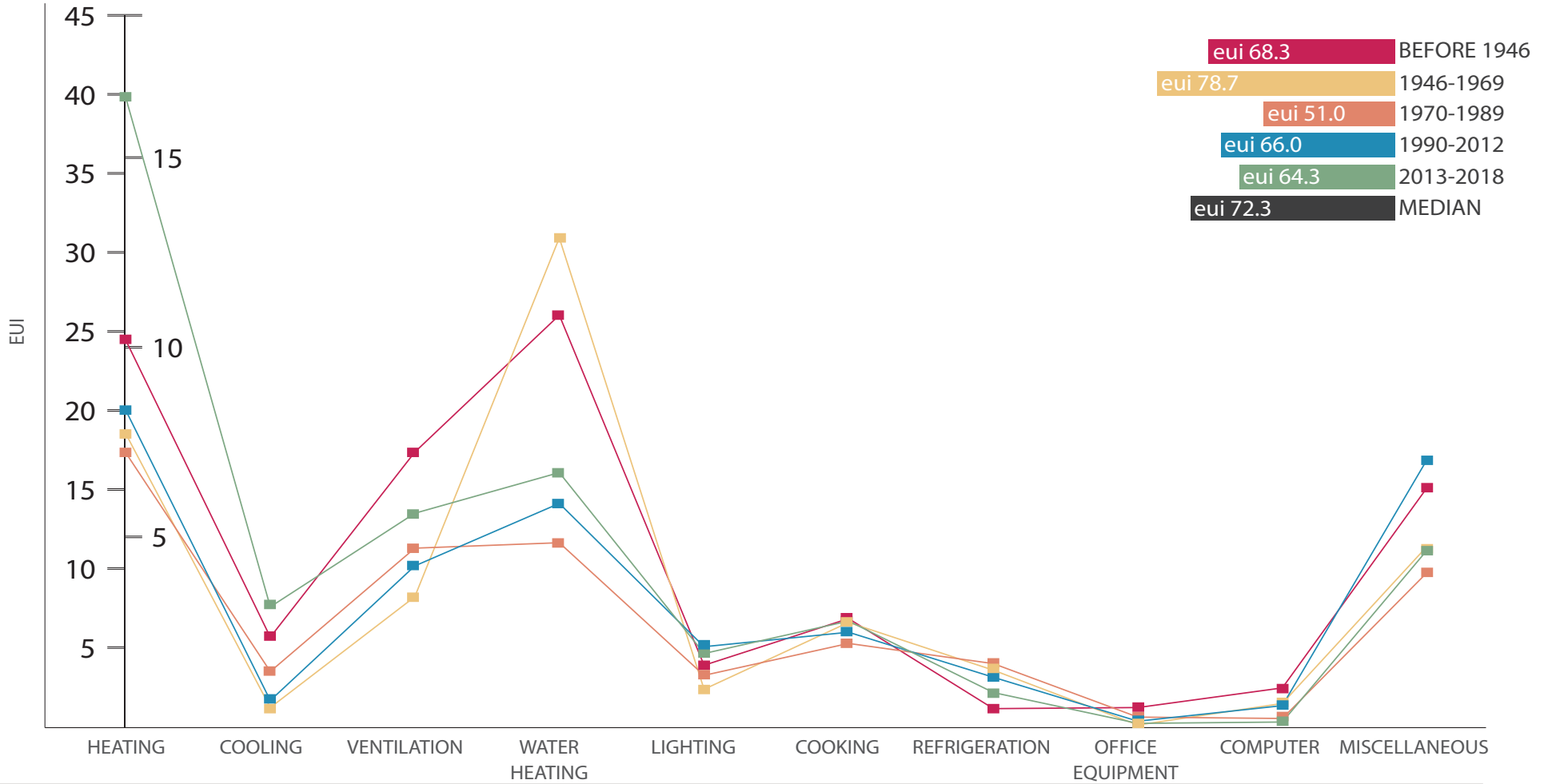
IPCCR EUI by Building Size

SAMPLE SIZE 36



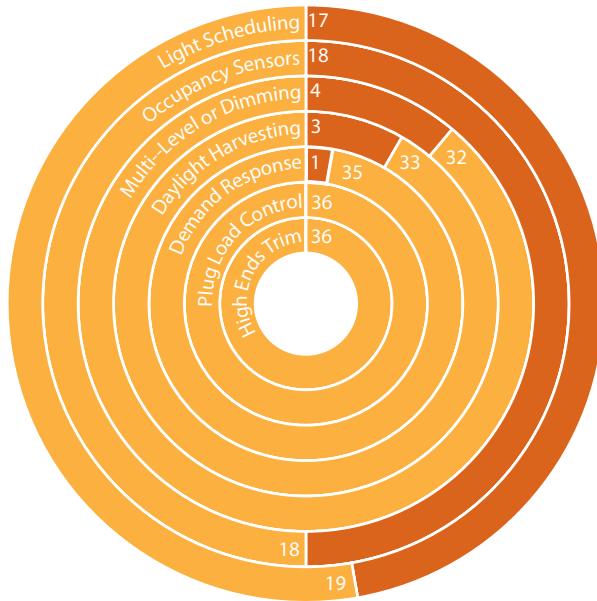
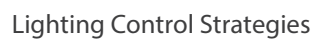
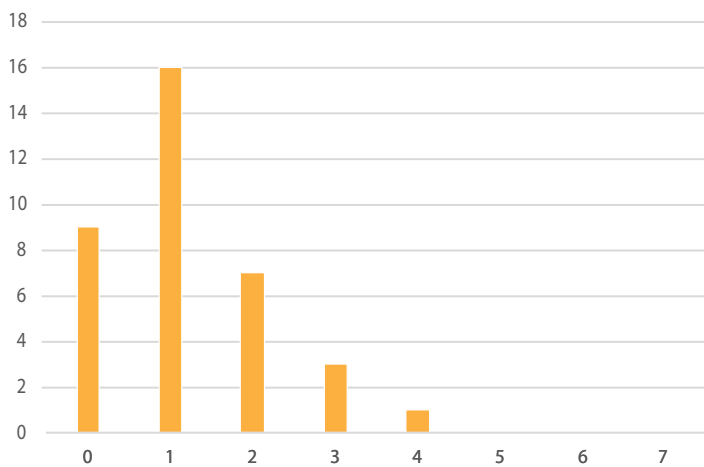
- miscellaneous
- computer
- office equipment
- refrigeration
- cooking
- lighting
- water heating
- ventillation
- cooling
- heating

45 —

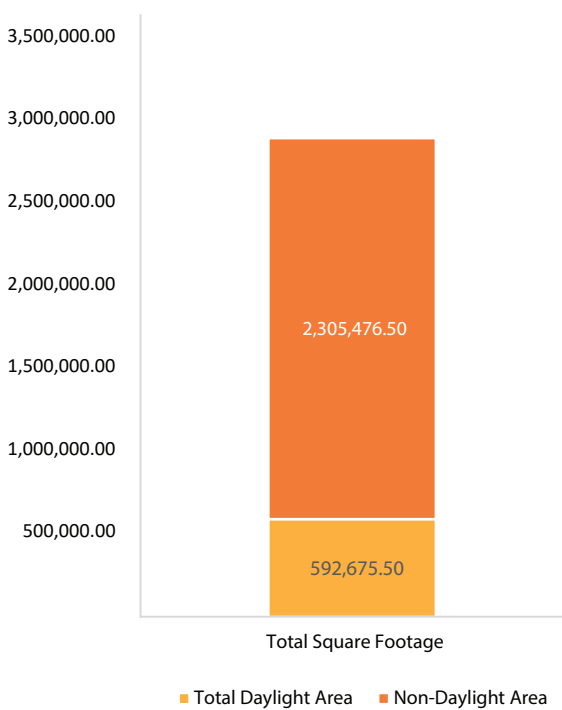
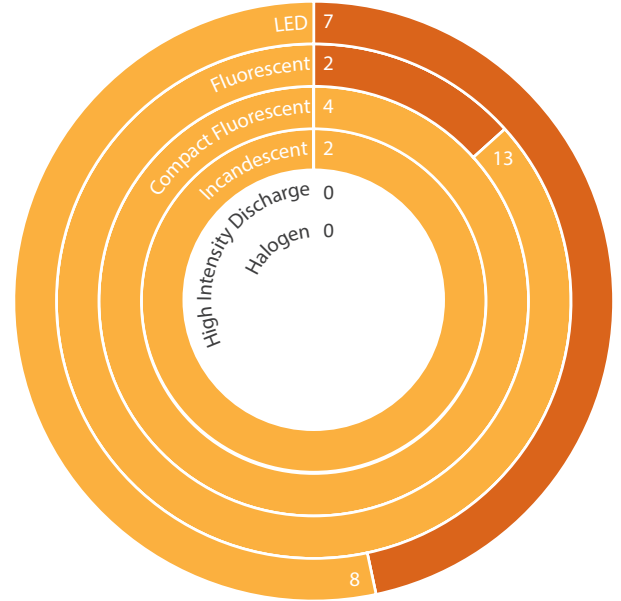


Berofe 1946	24.6	5.7	17.5	26.1	4.0	6.9	1.2	1.3	2.5	15.2
1946 - 1969	18.7	1.3	8.3	31.0	2.4	6.7	3.7	0.2	1.5	11.5
1970 - 1989	17.4	3.6	11.4	11.7	3.3	5.4	4.1	0.7	0.6	9.8
1990 -2012	20.1	1.7	10.3	14.2	5.1	6.1	3.2	0.4	1.4	17.0
2013 - 2018	40.0	7.7	13.6	16.2	4.7	6.8	2.2	0.3	0.4	11.3

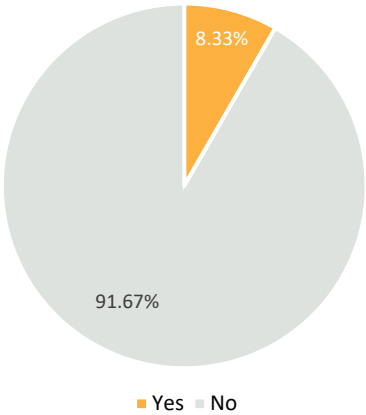
Number of Lighting Control Strategies Used



Lighting Systems



ALL - Daylight Harvesting



Daylit - Daylight Harvesting

