Kavli Institute for Particle Astrophysics and Cosmology

Occupant Survey Report

Center for the Built Environment
University of California, Berkeley

Satisfaction in Core Survey Categories

- General Satisfaction Building (91%)
- Acoustic Quality (64%)
- Air Quality (92%)
- Cleanliness and Maintenance (87%)
- Lighting (81%)
- Office Furnishings (85%)
- Office Layout (95%)
- Thermal Comfort (80%)
1.1 How to Use This Report

This report contains a lot of detail about this building. You can use this report in different ways depending on the level of detail you need. The first section, the executive summary, is a high-level overview of the building’s performance. It contains basic metrics by category. Read this section if you need a general understanding of the building’s performance or its relationship to other buildings. This section answers ‘how.’ How is the building performing from the occupants’ perspective.

Section two contains information at the question level. Here you can get specific information about the drivers behind the building’s score in a particular category. You can also find information about occupant responses to a particular question. This section answers ‘what.’ What is contributing to this level of perceived performance?

Section three contains information from and about the occupants. This is where you look for demographic information and information about how occupants use the building. You can also find comments from occupants in this section. This section answers ‘who.’ Who is using the building?

One of the most powerful uses of this report is diagnostic. The survey report gives you information about what’s going right (or not so right) in your building. With this information you can make informed decisions about how to improve your buildings performance.
1.2 Building Scorecard
Performance of Kavli Institute for Particle Astrophysics and Cosmology in core survey categories

Acoustic Quality
86% Percentile

Air Quality
98% Percentile

Cleanliness and Maintenance
81% Percentile

Lighting
92% Percentile

0.82 Mean Response
64% Satisfied

2.25 Mean Response
92% Satisfied

1.84 Mean Response
87% Satisfied

1.93 Mean Response
91% Satisfied
Performance of Kavli Institute for Particle Astrophysics and Cosmology in core survey categories

**Office Furnishings**
- 90% Percentile
- 1.82 Mean Response
- 85% Satisfied

**Office Layout**
- 98% Percentile
- 2.24 Mean Response
- 95% Satisfied

**Thermal Comfort**
- 71% Percentile
- 0.33 Mean Response
- 50% Satisfied
Performance of Kavli Institute for Particle Astrophysics and Cosmology in additional survey categories

**General Satisfaction - Building**
- 87% percentile
- 91% satisfied
- Mean Response: 1.91

**General Satisfaction - Workspace**
- 92% percentile
- 91% satisfied
- Mean Response: 2
2.1 Acoustic Quality

How satisfied are you with the noise level in your workspace?

Overall, does the acoustic quality in your workspace enhance or interfere with your ability to get your job done?

How satisfied are you with the sound privacy in your workspace (ability to have conversations without your neighbors overhearing and vice versa)?

N=22

N=22

N=22
You have said you are dissatisfied with the acoustics in your workspace. Which of the following contribute to this problem? (check all that apply)

- People talking on the phone: 57%
- People talking in neighboring areas: 100%
- People overhearing my private conversations: 57%
- Office equipment noise: 26%
- Office lighting noise: 0%
- Telephones ringing: 29%
- Mechanical heating, cooling and ventilation systems noise: 13%
- Excessive echoing of voices or other sounds: 43%
- Outdoor traffic noise: 0%
- Other outdoor noise: 0%
- Other: 0%

N=7
2.2 Air Quality

How satisfied are you with the air quality in your workspace (i.e. stuffy/stale air, cleanliness, odors)?

Overall, does the air quality in your workspace enhance or interfere with your ability to get your job done?

Air is stuffy/stale

Due to the limited number of responses to this question, its chart is not displayed

Air smells bad (odors)

Due to the limited number of responses to this question, its chart is not displayed

Air is not clean

Due to the limited number of responses to this question, its chart is not displayed
2.3 **Cleanliness and Maintenance**

How satisfied are you with general cleanliness of the overall building?

How satisfied are you with cleaning service provided for your workspace?

How satisfied are you with general maintenance of the building?

Does the cleanliness and maintenance of this building enhance or interfere with your ability to get your job done?

N=23
2.4 **Lighting**

How satisfied are you with the amount of light in your workspace?

How satisfied are you with the visual comfort of the lighting (e.g., glare, reflections, contrast)?

Overall, does the lighting quality enhance or interfere with your ability to get your job done?
Which of the following controls do you have over the lighting in your workspace? (check all that apply)

- Light switch: 65%
- Light dimmer: 0%
- Window blinds or shades: 52%
- Desk task light: 66%
- None of the above: 4%
- Other: 0%

N=23

You have said that you are dissatisfied with the lighting in your workspace. Which of the following contribute to your dissatisfaction? (check all that apply)

Due to the limited number of responses to this question, its chart is not displayed
2.5 Office Furnishings

How satisfied are you with the comfort of your office furnishings (chair, desk, computer, equipment, etc.)?

How satisfied are you with your ability to adjust your furniture to meet your needs?

How satisfied are you with the colors and textures of flooring, furniture and surface finishes?

Do your office furnishings enhance or interfere with your ability to get your job done?

N=24

N=24

N=24
2.6 Office Layout

How satisfied are you with the amount of space available for individual work and storage?

How satisfied are you with the level of visual privacy?

How satisfied are you with ease of interaction with co-workers?

Overall, does the office layout enhance or interfere with your ability to get your job done?
2.7 Thermal Comfort

How satisfied are you with the temperature in your workspace?

Overall, does your thermal comfort in your workspace enhance or interfere with your ability to get your job done?

N=24

N=24
Which of the following do you personally adjust or control in your workspace? (check all that apply)

- Window blinds or shades: 59%
- Operable windows: 64%
- Thermostat: 8%
- Portable heater: 4%
- Permanent heater: 0%
- Room air conditioning unit: 0%
- Portable fan: 4%
- Ceiling fan: 0%
- Adjustable air vent in wall or ceiling: 4%
- Adjustable floor air vent: 50%
- Door to break room: 42%
- Door to bathroom: 12%
- None of the above: 12%
- Other: 4%

N=24

In warm/hot weather, the temperature in my workspace is: (check all that apply)

- Often too hot: 75%
- Often too cold: 83%

N=8

In cool/cold weather, the temperature in my workspace is: (check all that apply)

- Often too hot: 12%
- Often too cold: 75%

N=8

When is this most often a problem? (check all that apply)

- Morning (before 11am): 38%
- Midday (11am - 2pm): 25%
- Afternoon (2pm - 5pm): 42%
- Evening (after 5pm): 0%
- Weekends/holidays: 0%
- Monday mornings: 0%
- No particular time: 38%
- Other: 12%

N=8
How would you best describe the source of this discomfort? (check all that apply)

- Air movement too high: 38%
- My area is colder than other areas: 58%
- Thermostat is improper: 25%
- Thermostat is adjusted by other people: 38%
- Heating/cooling system does not respond quickly enough to the thermostat: 12%
- Clothing policy is not flexible: 8%
- Other: 25%

N=8
2.8 Building Features

Considering energy use, how efficiently is this building performing in your opinion?

Thermostats

Mean -0.82

Very Dissatisfied Neutral Very Satisfied

N=11

Adjustable floor air vents

Mean 0.29

Very Dissatisfied Neutral Very Satisfied

N=17

Pierre’s room

Mean 2.11

Very Dissatisfied Neutral Very Satisfied

N=9
Operable windows

How well informed do you feel about using the above mentioned features in this building?

N=15

Mean 1.67

N=23

Mean 0.74
2.9 **General Comments**

All things considered, how satisfied are you with your personal workspace?

Please estimate how your productivity is increased or decreased by the environmental conditions in this building (e.g. thermal, lighting, acoustics, cleanliness):

How satisfied are you with the building overall?

N=22
2.10 **Personal Workspace Description**

Which of the following best describes your personal workspace?

- Enclosed office, private: 52%
- Enclosed office, shared with other people: 28%
- Cubicles with high partitions (about five or more feet high): 24%
- Cubicles with low partitions (lower than five feet high): 4%
- Workspace in open office with no partitions (just cubicle): 9%
- Other: 0%

N=25
2.11 **Personal Workspace Location**

On which floor is your workspace located?

- 1st floor: 0%
- 2nd floor: 46%
- 3rd floor: 59%

N=26

To which direction do the windows closest to your workspace face?

- North: 35%
- East: 12%
- South: 27%
- West: 8%
- No windows: 8%
- Don’t know: 4%

N=26

In which area of the building is your workspace located?

- North: 27%
- East: 8%
- South: 16%
- West: 12%
- Core: 27%
- Don’t know: 4%

N=26

Are you near an exterior wall (within 15 feet)?

- No: 28%
- Yes: 72%

N=25

Are you near a window (within 15 feet)?

- No: 16%
- Yes: 84%

N=25
3.1 Background

How many years have you worked in this building?

- Less than 1 year: 12%
- 1-2 years: 28%
- 3-4 years: 56%
- More than 4 years: 4%

N=25

In a typical week, how many hours do you spend in your workspace?

- 10 or less: 4%
- 11-30: 24%
- More than 30: 72%

N=25

How long have you been working at your present workspace?

- Less than 6 months: 24%
- 6-12 months: 8%
- 12-18 months: 0%
- More than 1 year: 72%

N=25

How would you describe the work you do?

- Administrative support: 8%
- Technical: 20%
- Professional: 62%
- Managerial/Supervisory: 12%
- Other: 8%

N=25

What is your age?

- 30 or under: 32%
- 31-50: 52%
- Over 50: 16%

N=25

What is your gender?

- Female: 20%
- Male: 80%

N=25