

CREATING SPACES THAT WORK / And What to do When They Don't

CBE Webinar
18 May 2016



1 / David and Lucile Packard Foundation











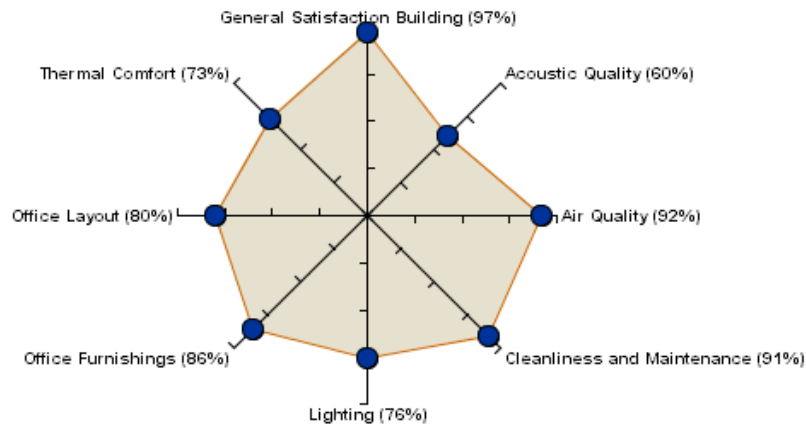
David and Lucile Packard Foundation

Occupant Survey Report

Survey Dates: 4/17/2013 through 4/28/2013

Center for the Built Environment
University of California, Berkeley

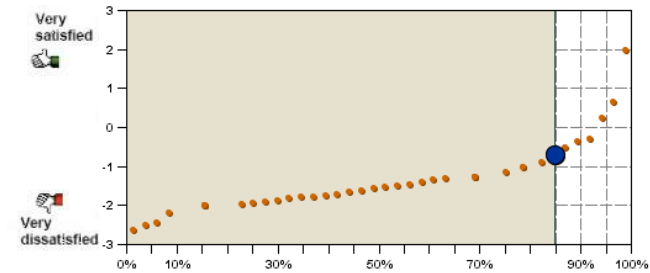
Satisfaction in Core Survey Categories



Performance of David and Lucile Packard Foundation in additional survey categories

Daylight

85%
Percentile



-0.7

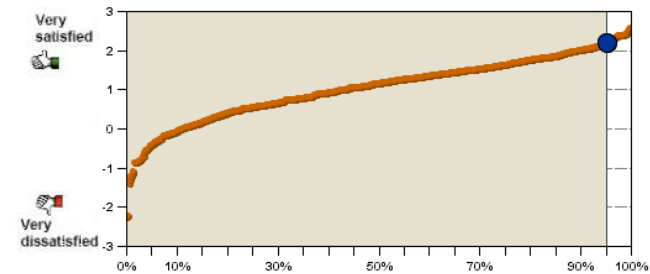
Mean Response

20%

Satisfied

General Satisfaction-Building

95%
Percentile



2.2

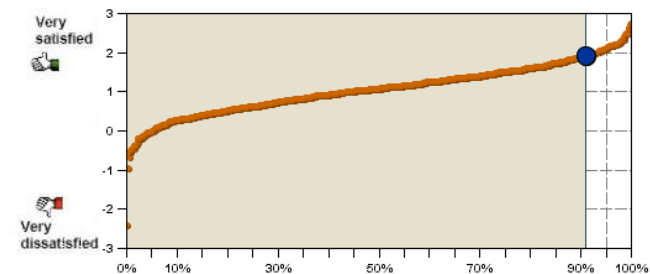
Mean Response

97%

Satisfied

General Satisfaction-Workspace

91%
Percentile



1.93

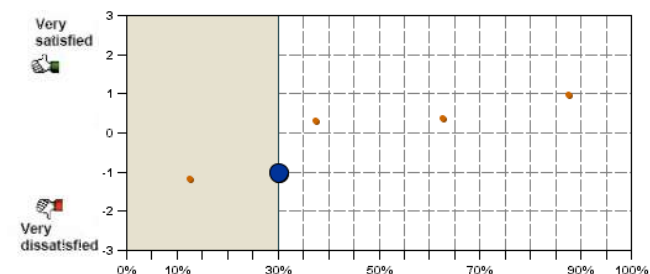
Mean Response

93%

Satisfied

Glare

30%
Percentile



-1

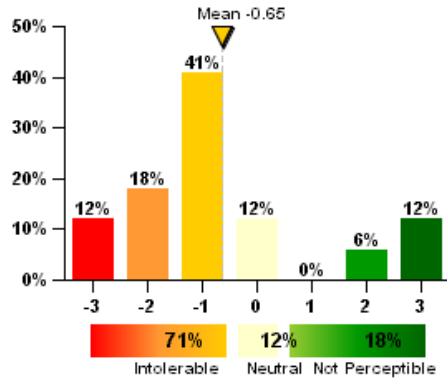
Mean Response

18%

Satisfied

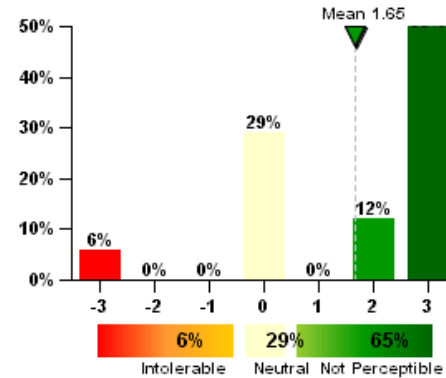
2.11 Glare

Glare from windows



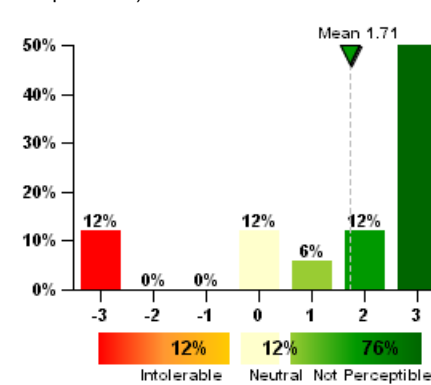
N=17

Glare from electric lights



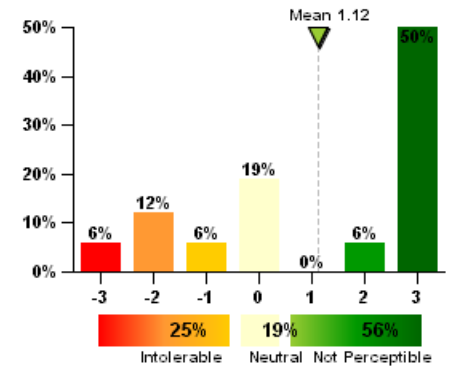
N=17

Glare from bright vertical surfaces (i.e. walls and partitions)



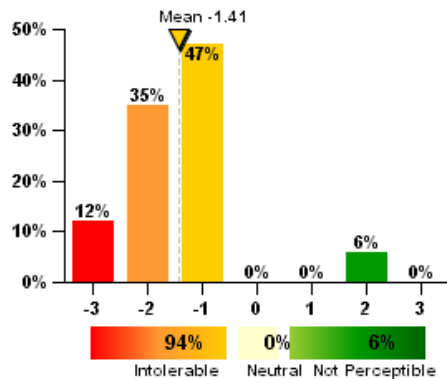
N=17

Other Sources of Glare (please specify)



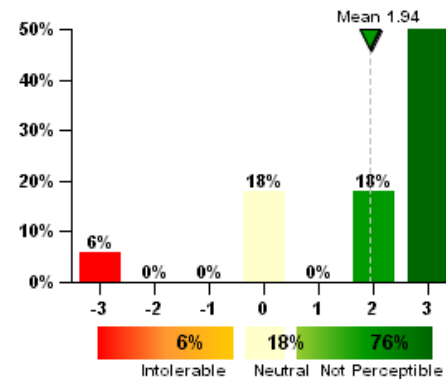
N=16

Daylight reflecting on your computer screen



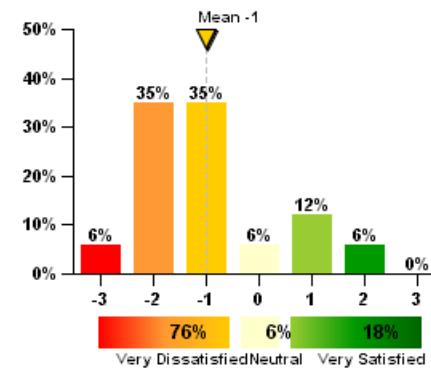
N=17

Electric light reflecting on your computer screen



N=17

How satisfied are you with your ability to control the amount of glare in your workspace?

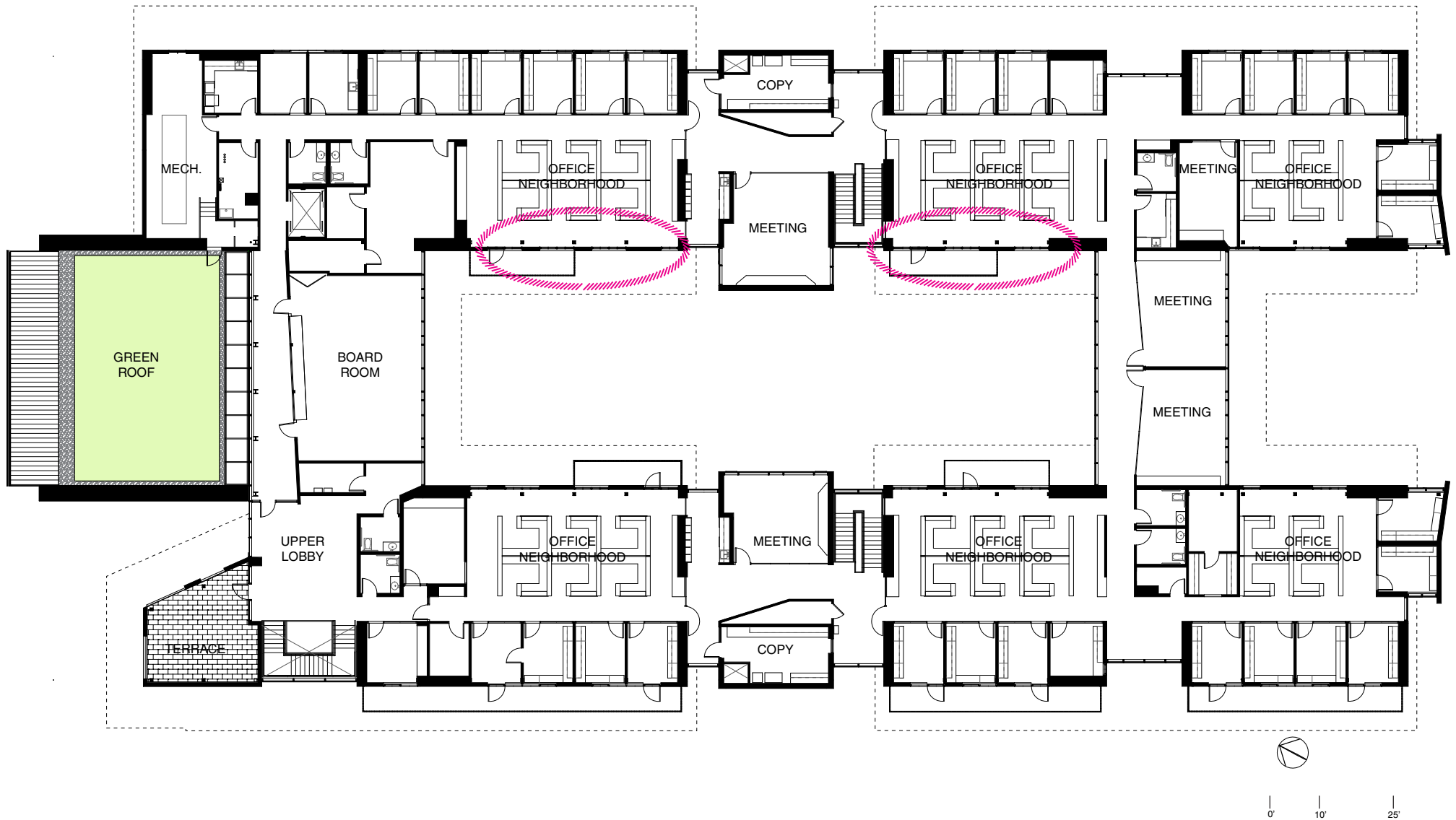


N=17

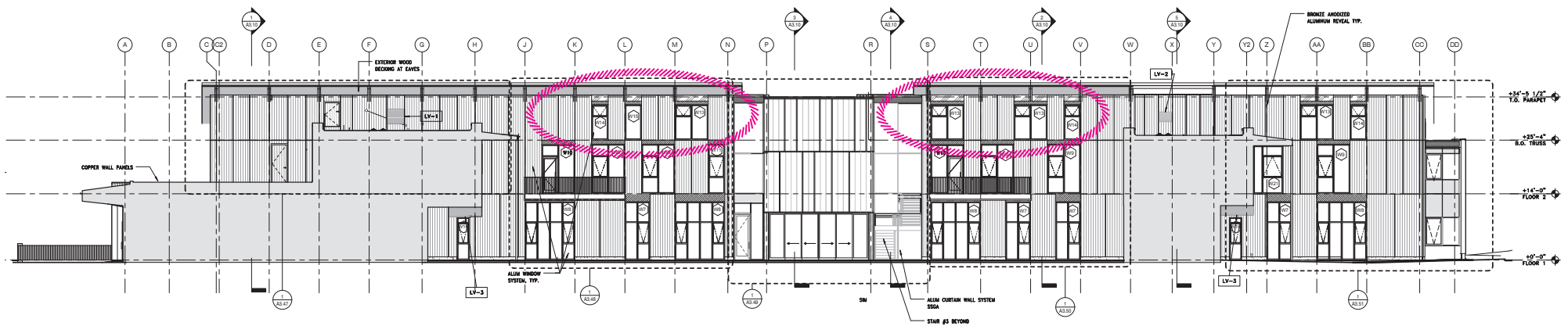
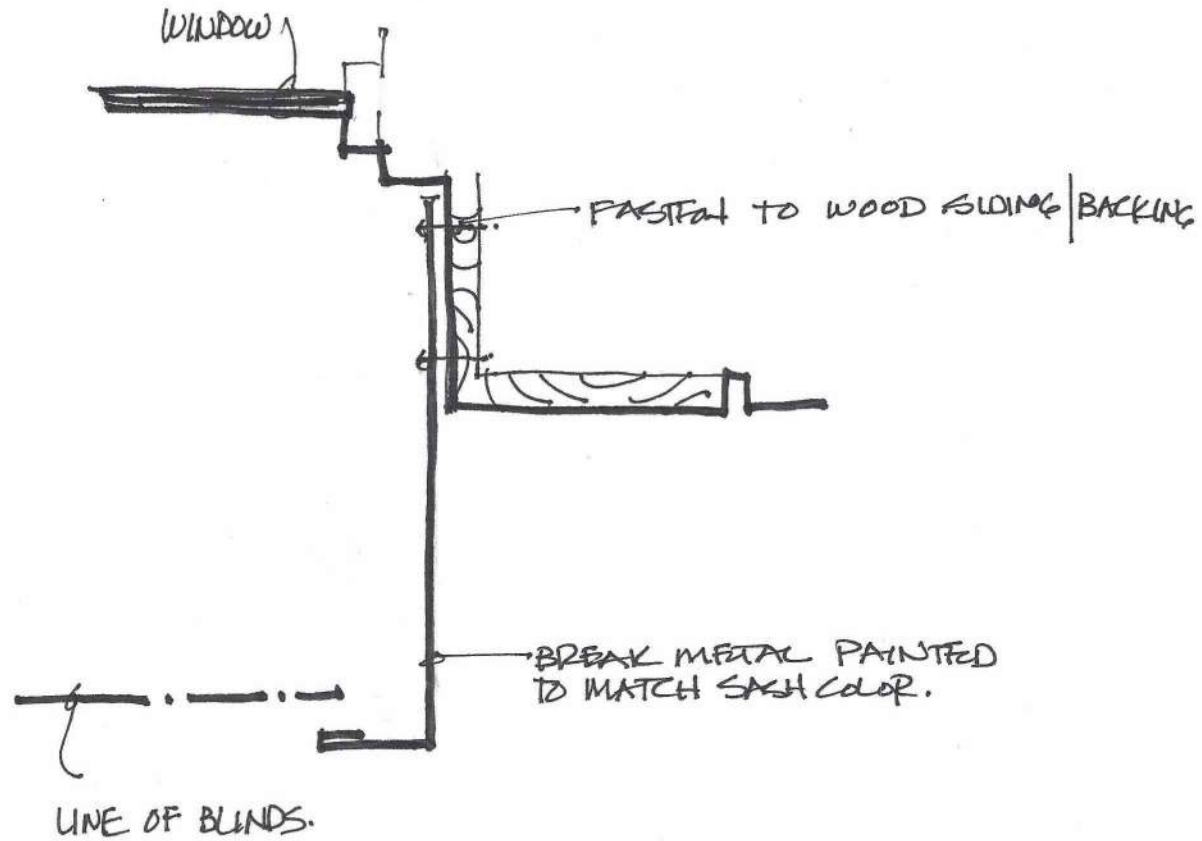
SURVEY COMMENTS

- The daylighting is great but it's too bright with **glare** in the **morning**
- As the **sun goes down** there is a lot of **glare** on the woodlands side of the building which makes it difficult for everyone to see their screens
- The space between the blinds and the building leave a gap for the sunlight to come in, which is a problem as the **sun sets** because it creates a lot of **glare**
- The sun comes through the space between the shades and the building
- The glare is early morning for 20-30 minutes and in the afternoon as the sun is setting again for 20-30 minutes.
- Upper windows... top window... high window





2ND FLOOR PLAN

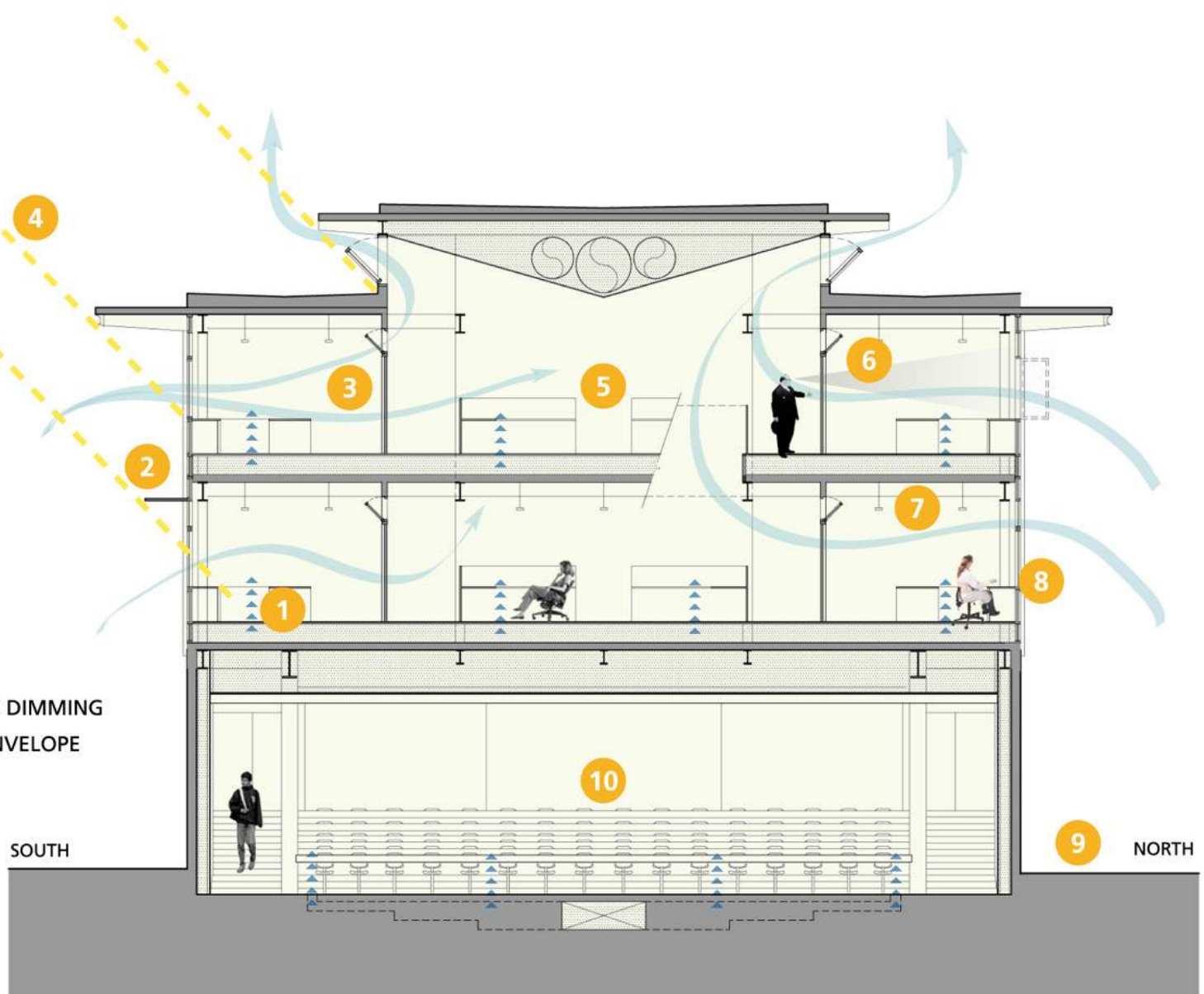


EAST COURTYARD ELEVATION

2 / Kavli Institute, Stanford Linear Accelerator Center



- 1 USER-CONTROLLED VENTILATION THROUGH RAISED ACCESS FLOOR
- 2 SUNSHADING
- 3 NATURAL VENTILATION
- 4 OPTIMAL SOLAR ORIENTATION
- 5 FULLY-DAYLIT INTERIOR
- 6 ACCESS TO VIEWS
- 7 EFFICIENT LIGHTING WITH AUTOMATIC DIMMING
- 8 HIGH-PERFORMANCE GLAZING AND ENVELOPE
- 9 ON SITE STORMWATER RETENTION
- 10 LOW-EMITTING MATERIALS FOR SUPERIOR INDOOR AIR QUALITY



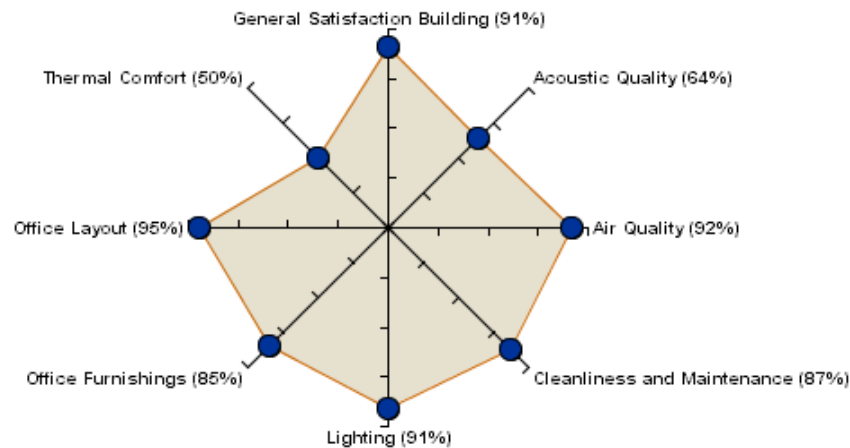
Kavli Institute for Particle Astrophysics and Cosmology

Occupant Survey Report

Survey Dates: 11/6/2009 through 11/24/2009

Center for the Built Environment
University of California, Berkeley

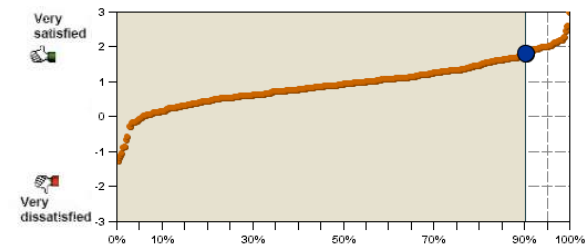
Satisfaction in Core Survey Categories



Performance of Kavli Institute for Particle Astrophysics and Cosmology in core survey categories

Office Furnishings

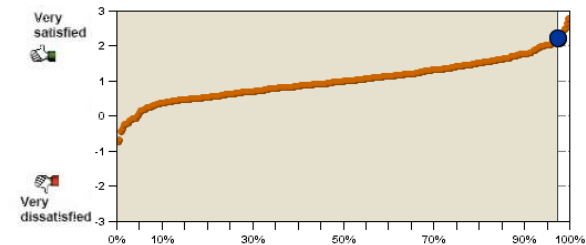
90%
Percentile



1.82
Mean Response
85%
Satisfied

Office Layout

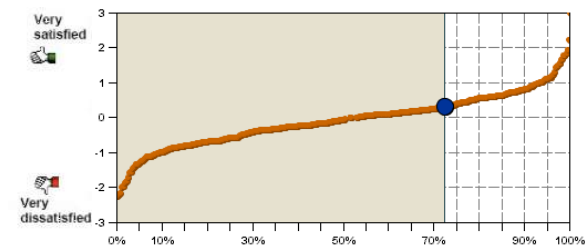
97%
Percentile



2.24
Mean Response
95%
Satisfied

Thermal Comfort

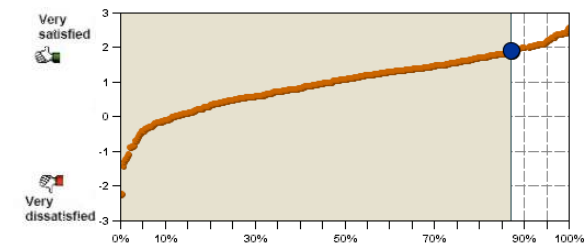
72%
Percentile



0.33
Mean Response
50%
Satisfied

General Satisfaction-Building

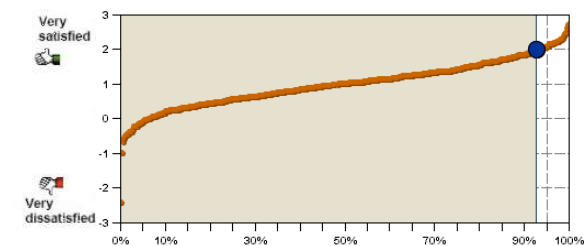
87%
Percentile



1.91
Mean Response
91%
Satisfied

General Satisfaction-Workspace

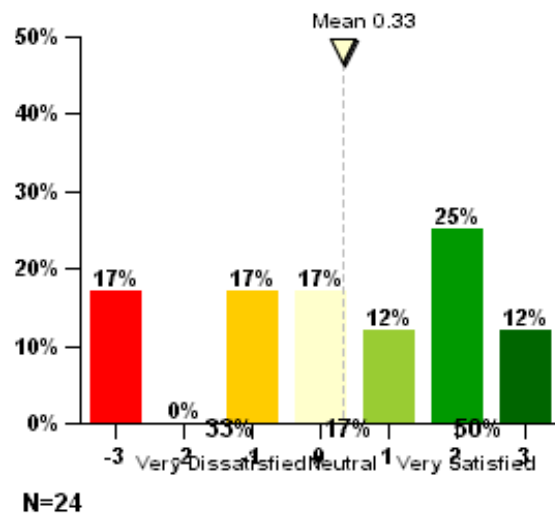
93%
Percentile



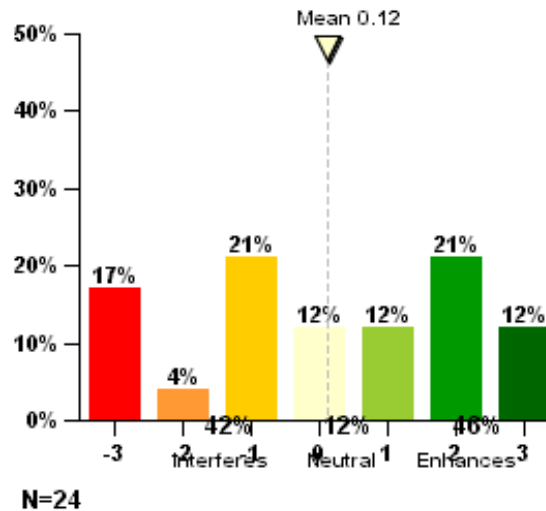
2
Mean Response
91%
Satisfied

2.7 Thermal Comfort

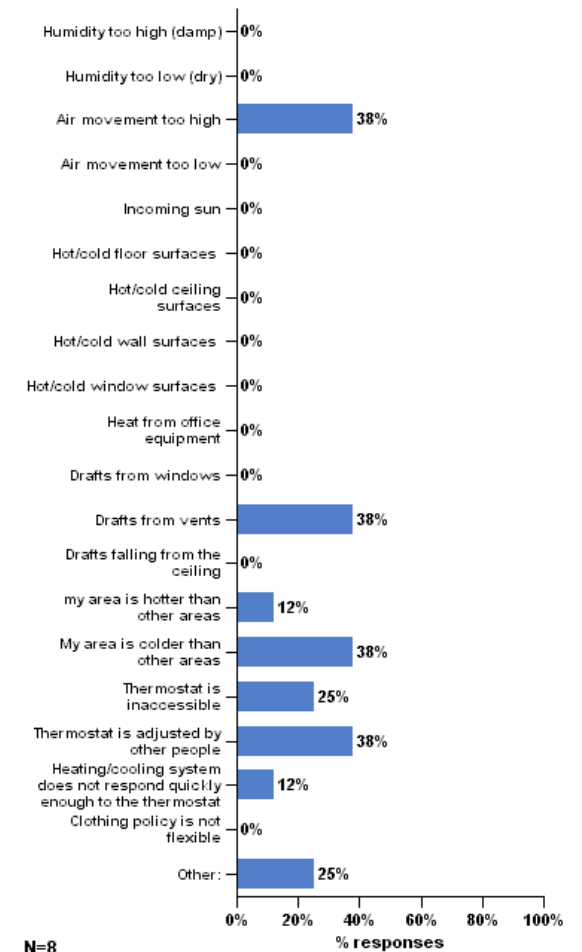
How satisfied are you with the temperature in your workspace?



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



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



SURVEY COMMENTS

- In cubicles we have NOTHING to control temperature
- generally always COLD
- My main concern is the constant blowing air
- I was not aware the floor vents were adjustable
- What floor vents?



THANK YOU

Carl von Rueden / EHDD
c.vonrueden@ehdd.com

