

Rec. #2017-05-05 UNIVERSITY SENATE RECOMMENDATION TO THE PROVOST

The University Senate recommends the Budget & Finance Committee Report dated August 2017 on "Faculty Satisfaction Regarding Heating and Cooling of Facilities" (plus ancillary documents) to the Provost for endorsement.

I have forwarded this resolution to Brian Russell,
Chief Facilities Officer.

Faculty Satisfaction Regarding Heating and Cooling of Facilities at WKU
Results of a survey during the 2015/2016 academic year

History:

During the 2015/6 academic year the Budget and Finance Committee of the WKU University Senate raised the issue the WKU policy and procedure on heating and cooling of campus buildings based on a feeling that many faculty and students experience times where their workspaces and classrooms are set at a temperature that is uncomfortable and detrimental to a productive working and learning environment. A subcommittee of the Budget and Finance Committee met with staff from facilities management (DFM Director Trent Blair, Fiscal Manager Angie Jackson, and sustainability Coordinator Christian Ryan) to start an investigation. Facilities management told us that they would like to see data to see where the current policies need improvements. Thus, the committee decided that as a next step we needed to collect information. After a lengthy discussion we decided to proceed with an online survey conducted as part of a student project (by Quintin Wright, Austin Young, Zach Scannell, and Michael Noble) under the direction of Dr. Lauren McClain (Department of Sociology). This report presents the results of this study to the WKU University Senate for further action.

Summary of Results:

The survey went out to faculty via the faculty-all listserv. Faculty who work primarily on Main Campus were eligible to participate. Two hundred faculty members participated in our survey, 196 of these work on Main Campus, 170 are full-time faculty (22% of all full-time faculty). There was participation across all colleges of the university. The results of this survey are not necessarily representative of all faculty on Main Campus, however, they can give us a sense of satisfaction/dissatisfaction among those who responded.

About 1/3 stated they spend between 30-39 hours in their professional work space and about 1/3 stated they spend more than 40 hours in their professional work space. About 100 faculty members stated they routinely spend time on the weekend in their professional workspace. About 120 stated they leave their professional workspace routinely after 4pm, with 80 leaving their professional workspace routinely after 5pm. About 150 claimed that they perform over 60% of their work on campus. About 50% or more of all respondents disagree or strongly disagree with the statements:

- My classrooms are typically a comfortable temperature.

- My office is a comfortable temperature in the fall (47.09%), spring (59.16%), summer (62.94%), winter (56.32%).

Almost 50% agreed with the following statement:

-I find it hard to work in my office on weekends because of the temperature.

-My students complain about the temperature in the classroom (55.63%)

The details of the questionnaire and the actual answers totals are given in an attachment to this report. In addition, comments faculty gave that address particular complaints about actual buildings are included.

Recommendation:

The outcome of this survey shows that there is discontent with the current policies on heating and cooling on campus and that, particularly for older buildings, these concerns need to be addressed. While it sounds impressive when WKU states how much energy was saved, there is a price that is paid for this – lost productivity and reduced faculty morale. Clearly there must be a balance between energy savings and creating comfortable working conditions.

Does student learning decline if the classroom is too hot or cold? How much does research output decline if a professor will stop working after hours because there is no comfortable place to conduct work? It is not possible to attach a dollar amount to these issues. We need a system that recognizes that – unlike most staff members - faculty members do not always work between 8:00am and 5:00pm. We need a system that is more flexible to accommodate academic work.

We strongly recommend that the administration revise their heating and cooling policies to accommodate faculty and students better and to take heed of building-by-building comments to address the physical needs of each to facilitate more comfortable working conditions.

We have several particular areas where the current policy must be improved based on our investigation:

1. We were told that ASTRA is updated only twice a week and that this is done by hand. Even after requesting this information, we were not given the information on which days of the week the ASTRA update occurs. That means if a faculty member requests a room via ASTRA for an after hours study session we do not know how many days in advance this request needs to be made. Clearly more transparency is needed.

2. The current policy that addresses temperature issues after hours are inadequate. Facilities management told the subcommittee that the current policy requires to call 911 (campus police) if we feel that we need temperature adjustment after hours. Campus police may then call somebody who may or may not be able to adjust the temperature in a particular room via an online system. Clearly there is a better way of doing this.

3. Sometimes when a faculty member calls Facilities Management about a temperature issue, the issue remains unresolved. On occasion disagreements occur as Facilities Management staff seem unwilling to recognize that there may be a problem with the heating/cooling systems. We believe that there should be a better way to resolve such issues collaboratively.

4. It is clear from the comments that certain buildings are particularly uncomfortable. We recommend that each building be assessed for unique heating/cooling issues. For example, some people say that their buildings are extremely cold while others report their buildings are extremely hot. Others report mold/mildew conditions while others report disruptions to class and concentration due to how loud the heating/cooling system is. Given the number of buildings on campus and the varying ages of each, we recommend that buildings be given priority for updates in this area.

Respectfully submitted:

Claus Ernst	Department of Mathematics
Lauren McCain	Department of Sociology

Default Report

WKU Heating Cooling

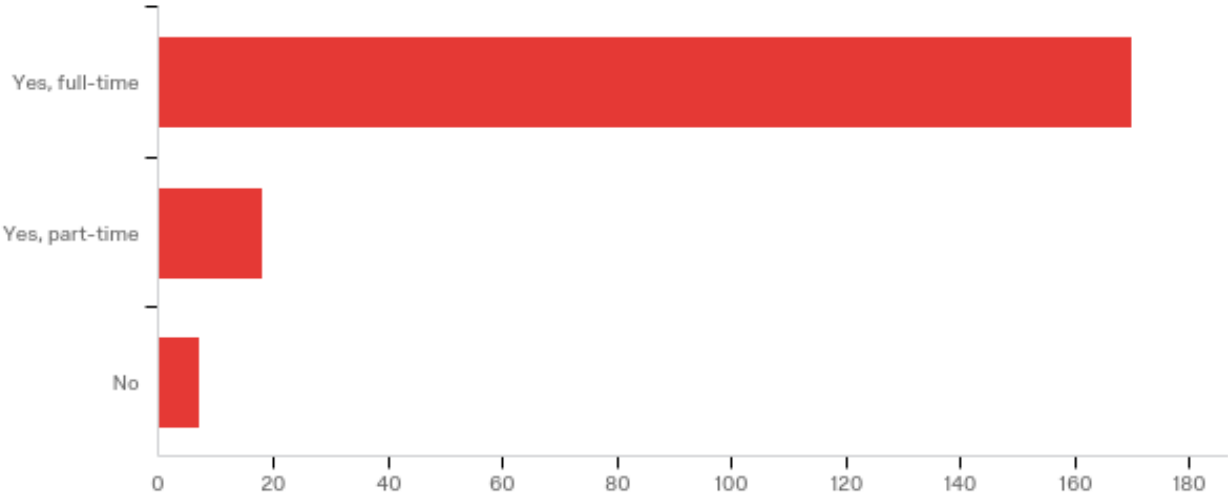
August 6th 2017, 11:35 pm CDT

Q31 - Do you regularly work on Main Campus?

#	Answer	%	Count
1	Yes	98.00%	196
2	No	2.00%	4
	Total	100%	200

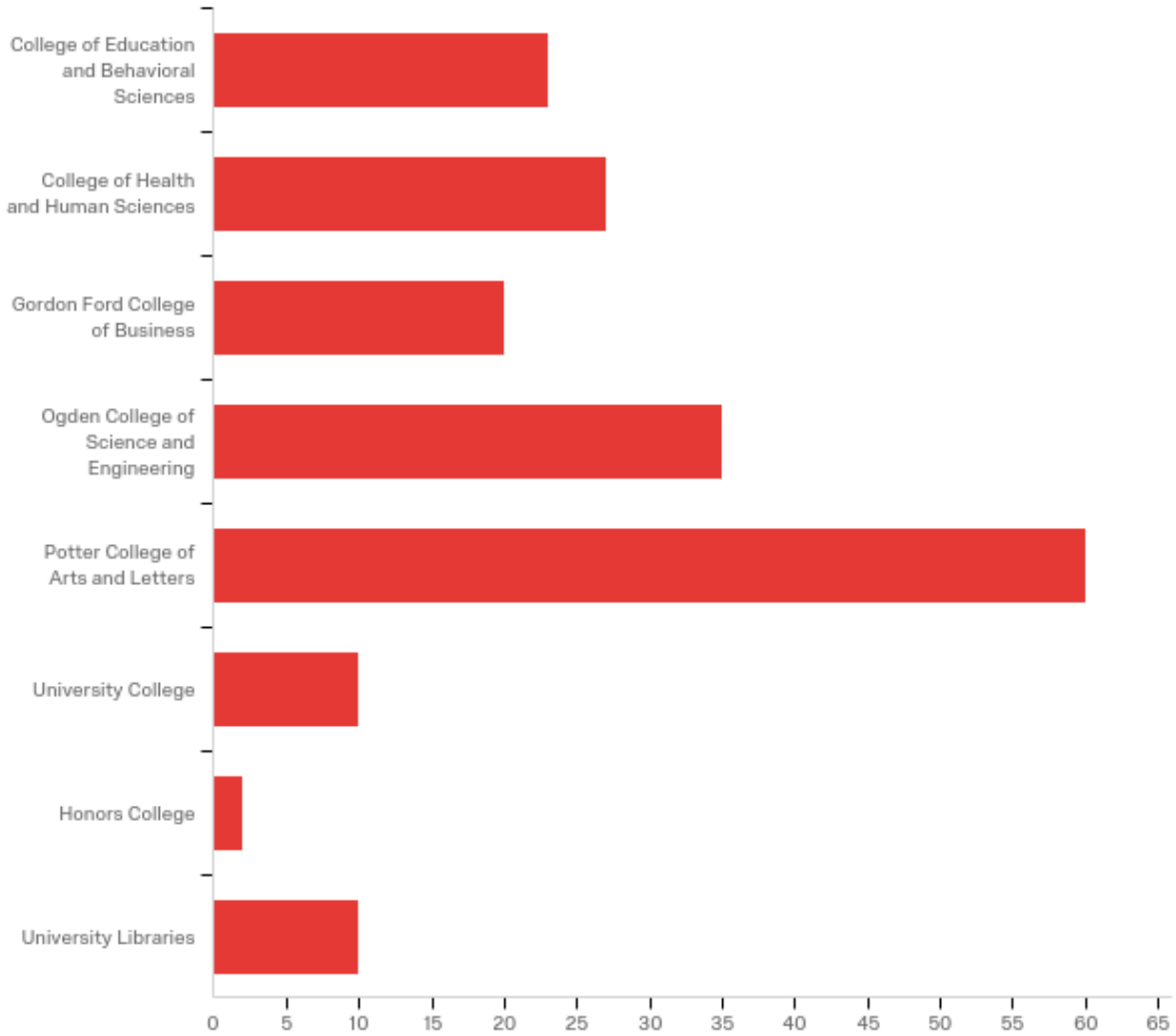
#	Answer	%	Count
1	Yes	98.00%	196
2	No	2.00%	4
	Total	100%	200

Q1 - Are you a WKU Faculty Member?



#	Answer	%	Count
1	Yes, full-time	87.18%	170
2	Yes, part-time	9.23%	18
3	No	3.59%	7
	Total	100%	195

Q2 - To which College at WKU does your department belong?



#	Answer	%	Count
1	College of Education and Behavioral Sciences	12.30%	23
2	College of Health and Human Sciences	14.44%	27
3	Gordon Ford College of Business	10.70%	20
4	Ogden College of Science and Engineering	18.72%	35
5	Potter College of Arts and Letters	32.09%	60
6	University College	5.35%	10
7	Honors College	1.07%	2
8	University Libraries	5.35%	10

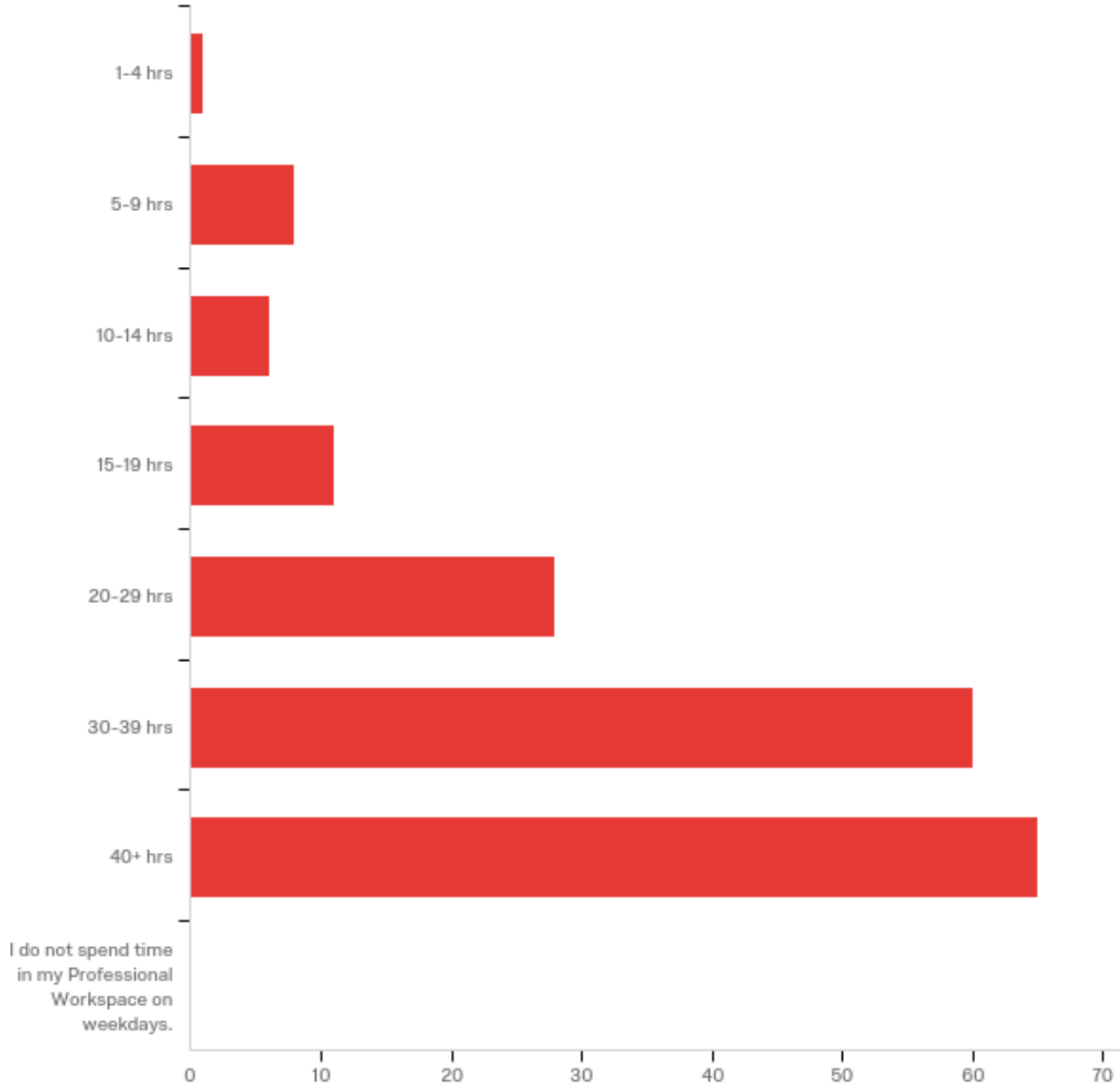
Q3 - In what building do you primarily teach on Main Campus?

*These responses were deleted from this document to maintain confidentiality.

Q29 - In what building is your office on Main Campus?

*These responses were deleted from this document to maintain confidentiality.

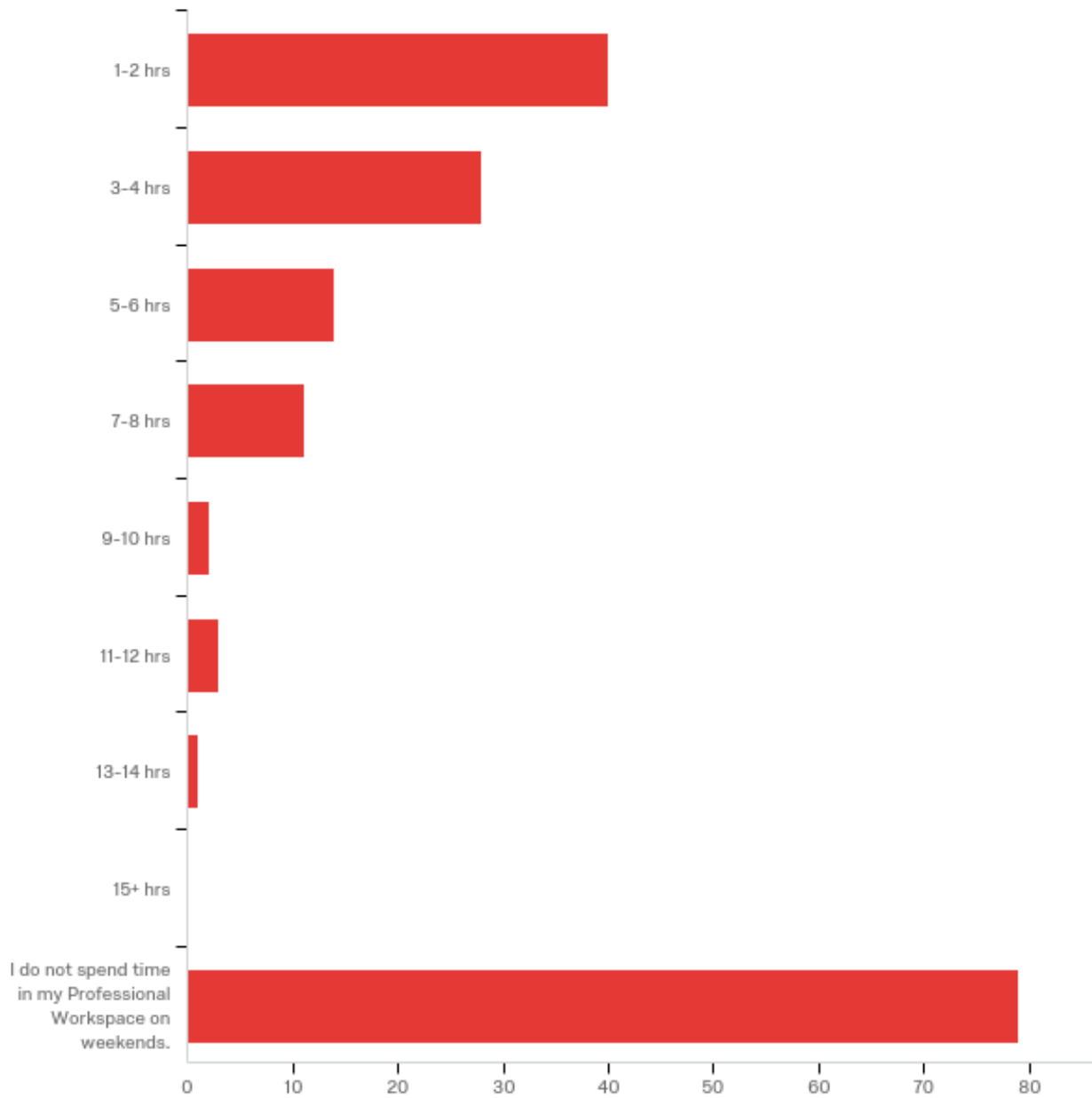
Q5 - How many hours in an average workweek (Monday-Friday) do you spend in your Professional Workspace? (Your office, teaching areas, labs, or other indoor space on Main Campus where you perform activities associated with your work)



#	Answer	%	Count
1	1-4 hrs	0.56%	1
2	5-9 hrs	4.47%	8
3	10-14 hrs	3.35%	6
4	15-19 hrs	6.15%	11
5	20-29 hrs	15.64%	28

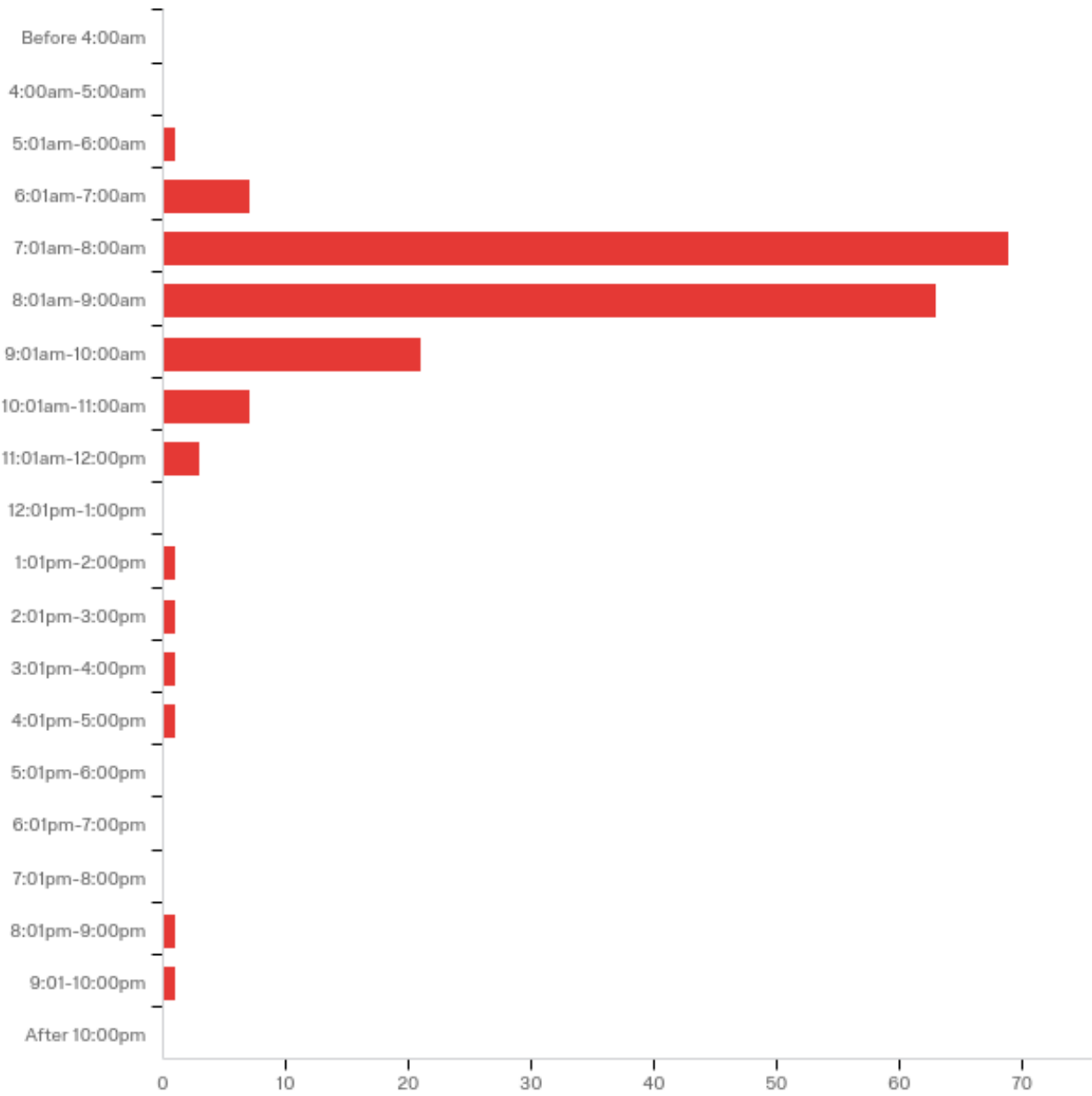
6		30-39 hrs	33.52%	60
7		40+ hrs	36.31%	65
8	I do not spend time in my Professional Workspace on weekdays.		0.00%	0
		Total	100%	179

Q6 - How many hours in an average weekend (Saturday and Sunday) do you spend in your Professional Workspace?



#	Answer	%	Count
1	1-2 hrs	22.47%	40
2	3-4 hrs	15.73%	28
3	5-6 hrs	7.87%	14
4	7-8 hrs	6.18%	11
5	9-10 hrs	1.12%	2
6	11-12 hrs	1.69%	3
7	13-14 hrs	0.56%	1
8	15+ hrs	0.00%	0
9	I do not spend time in my Professional Workspace on weekends.	44.38%	79
	Total	100%	178

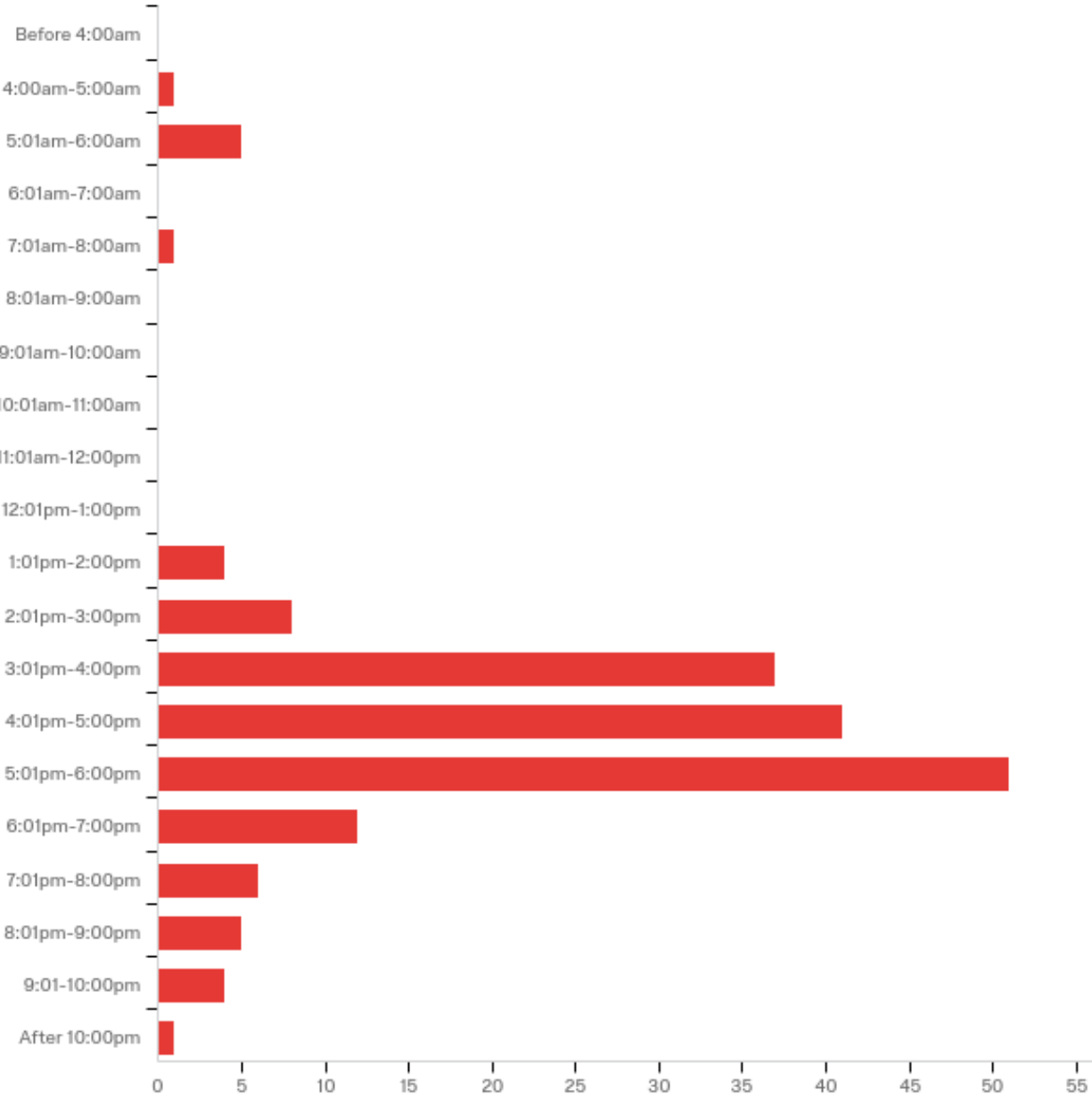
Q7 - What time do you typically arrive to your professional workspace in the workweek?



#	Answer	%	Count
1	Before 4:00am	0.00%	0
2	4:00am-5:00am	0.00%	0
3	5:01am-6:00am	0.56%	1
4	6:01am-7:00am	3.95%	7
5	7:01am-8:00am	38.98%	69

6	8:01am-9:00am	35.59%	63
7	9:01am-10:00am	11.86%	21
8	10:01am-11:00am	3.95%	7
9	11:01am-12:00pm	1.69%	3
10	12:01pm-1:00pm	0.00%	0
11	1:01pm-2:00pm	0.56%	1
12	2:01pm-3:00pm	0.56%	1
13	3:01pm-4:00pm	0.56%	1
20	4:01pm-5:00pm	0.56%	1
14	5:01pm-6:00pm	0.00%	0
15	6:01pm-7:00pm	0.00%	0
16	7:01pm-8:00pm	0.00%	0
17	8:01pm-9:00pm	0.56%	1
18	9:01-10:00pm	0.56%	1
19	After 10:00pm	0.00%	0
	Total	100%	177

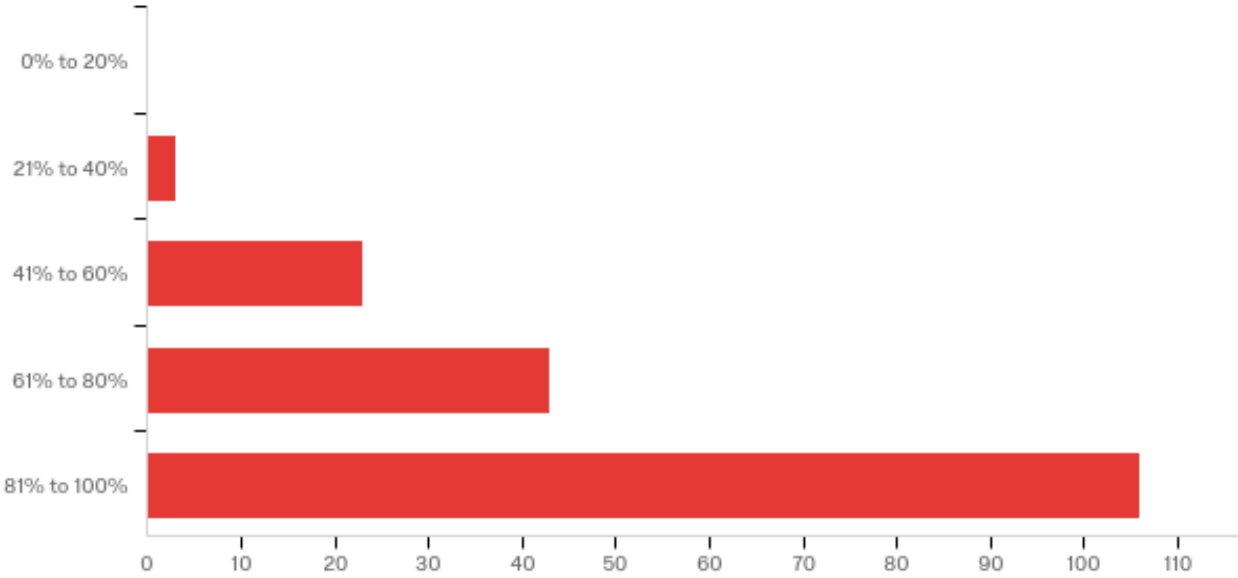
Q28 - What time do you typically leave your professional workspace in the workweek?



#	Answer	%	Count
1	Before 4:00am	0.00%	0
2	4:00am-5:00am	0.57%	1
3	5:01am-6:00am	2.84%	5
4	6:01am-7:00am	0.00%	0
5	7:01am-8:00am	0.57%	1

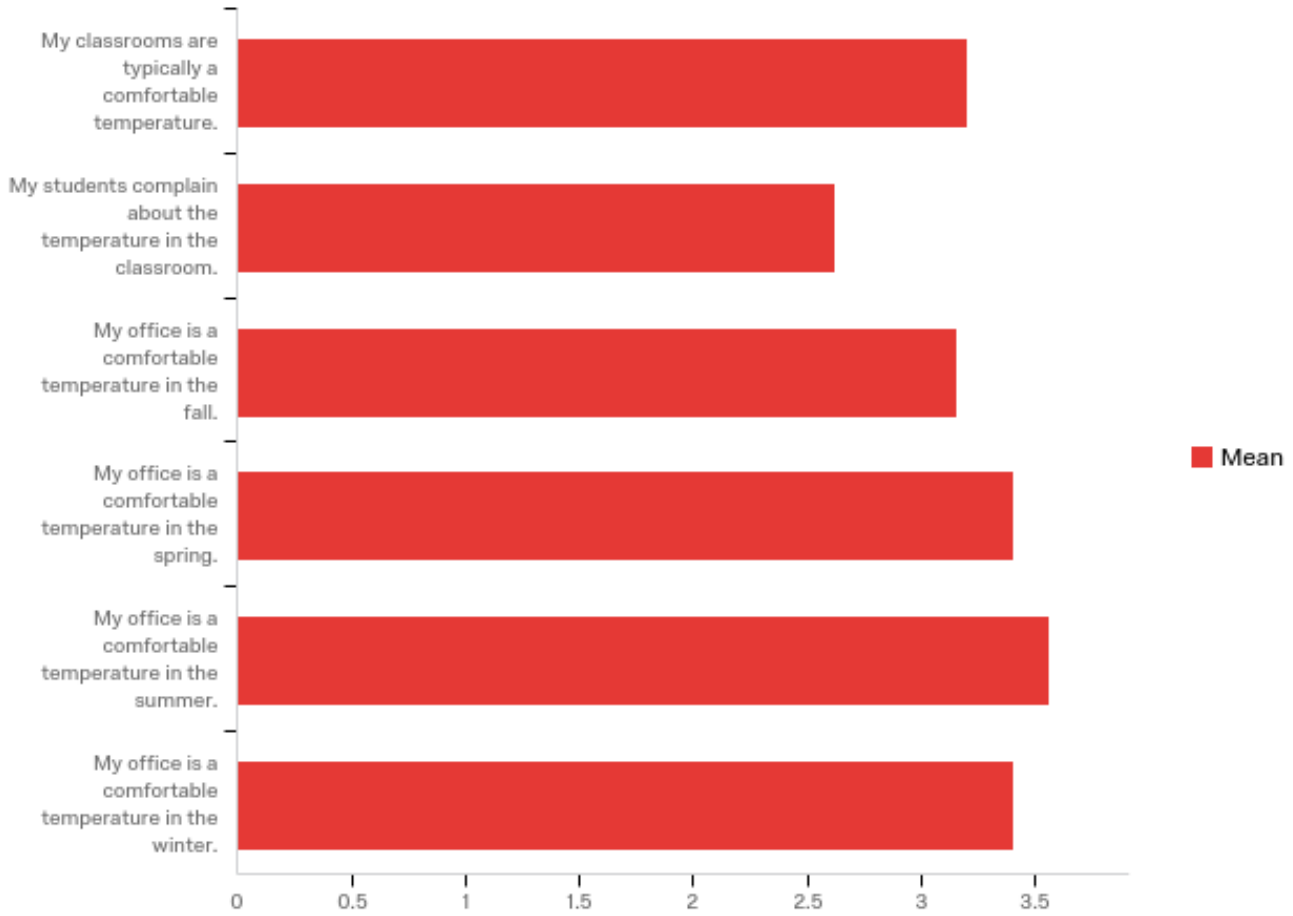
6	8:01am-9:00am	0.00%	0
7	9:01am-10:00am	0.00%	0
8	10:01am-11:00am	0.00%	0
9	11:01am-12:00pm	0.00%	0
10	12:01pm-1:00pm	0.00%	0
11	1:01pm-2:00pm	2.27%	4
12	2:01pm-3:00pm	4.55%	8
13	3:01pm-4:00pm	21.02%	37
20	4:01pm-5:00pm	23.30%	41
14	5:01pm-6:00pm	28.98%	51
15	6:01pm-7:00pm	6.82%	12
16	7:01pm-8:00pm	3.41%	6
17	8:01pm-9:00pm	2.84%	5
18	9:01-10:00pm	2.27%	4
19	After 10:00pm	0.57%	1
	Total	100%	176

Q33 - What percentage of your professional work is performed on Main Campus?



#	Answer	%	Count
1	0% to 20%	0.00%	0
2	21% to 40%	1.71%	3
3	41% to 60%	13.14%	23
4	61% to 80%	24.57%	43
5	81% to 100%	60.57%	106
	Total	100%	175

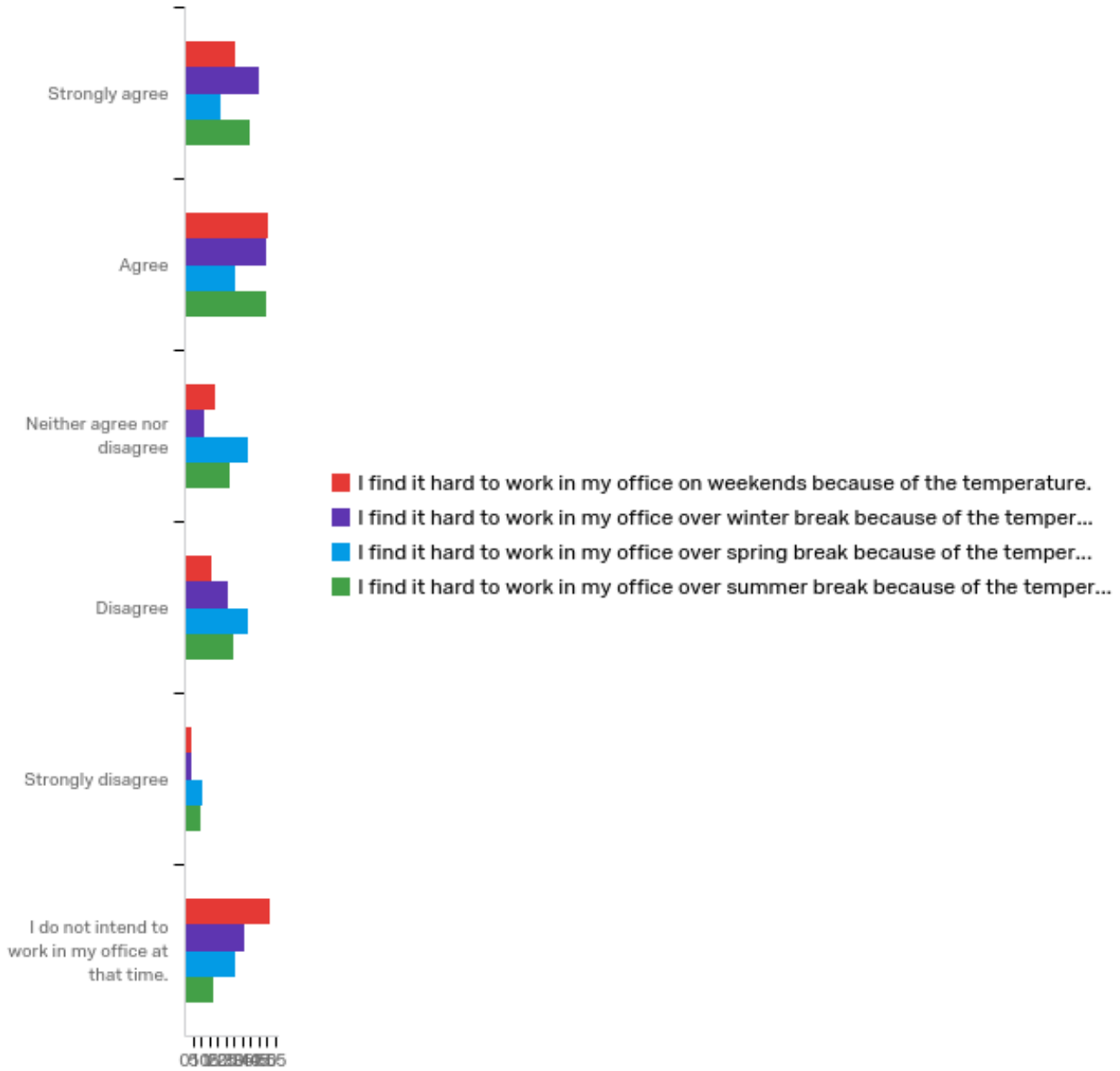
Q24 - To what extent do you agree or disagree with the following statements.



#	Question	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	Total
1	My classrooms are typically a comfortable temperature.	4.71% 8	32.94% 56	12.35% 21	37.65% 64	12.35% 21	170
2	My students complain about the temperature in the classroom.	12.43% 21	43.20% 73	18.93% 32	20.71% 35	4.73% 8	169
3	My office is a comfortable temperature in the fall.	5.23% 9	33.72% 58	13.95% 24	33.72% 58	13.37% 23	172
4	My office is a comfortable temperature in the spring.	5.17% 9	24.14% 42	11.49% 20	43.10% 75	16.09% 28	174

5	My office is a comfortable temperature in the summer.	4.12%	7	20.00%	34	12.94%	22	41.18%	70	21.76%	37	170
6	My office is a comfortable temperature in the winter.	5.17%	9	27.59%	48	10.92%	19	33.33%	58	22.99%	40	174

Q26 - To what extent do you agree or disagree with the following statements.



#	Question	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	I do not intend to work in my office at that time.	Total						
1	I find it hard to work in my office on	18.02%	31	29.65%	51	10.47%	18	9.30%	16	2.33%	4	30.23%	52	172

	weekends because of the temperature .													
2	I find it hard to work in my office over winter break because of the temperature .	26.01%	45	28.90%	50	6.94%	12	15.03%	26	2.31%	4	20.81%	36	173
3	I find it hard to work in my office over spring break because of the temperature .	12.87%	22	18.13%	31	22.22%	38	22.22%	38	6.43%	11	18.13%	31	171
4	I find it hard to work in my office over summer break because of the temperature .	22.67%	39	29.07%	50	15.70%	27	17.44%	30	5.23%	9	9.88%	17	172

Strongly agree



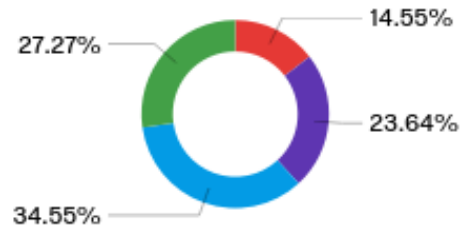
Agree



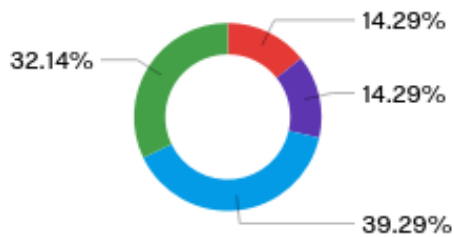
Neither agree nor disagree



Disagree



Strongly disagree



I do not intend to work in my office at that time.



- I find it hard to work in my office on weekends because of the temperature.
- I find it hard to work in my office over winter break because of the temperature.
- I find it hard to work in my office over spring break because of the temperature.
- I find it hard to work in my office over summer break because of the temperature.

Q30 - Do you have any other comments on your professional workspace on Main Campus?

Do you have any other comments on your professional workspace on Main Campu...

As conditions in Grise Hall have varied considerably over the years, their cycles have become increasingly predictable (this is a "good thing"!) and, of late, things have been just fine. In regard to heating and cooling Grise Hall provides acceptable working conditions. It should be noted, however, that this building remains perhaps the ugliest structure on the WKU campus -- even more of an affront to one's visual sensibilities than PFT or Tate Page Hall.

The air conditioner chugs away in spring and fall even when it's cold outside. Often, it's very uncomfortable. Over winter break the building is too cold to work in because there is almost no heat.

Lack of comfortable temperatures is a detriment to working effectively and efficiently. It is unacceptable.

I appreciate having a space.

The HVAC vent over my desk is really loud when it turns on; it sounds like a jet engine whenever the air is blowing, which is very annoying and causes a headache if it is on for very long at a time.

It is warm to hot most of the time that the A/C is not on. There are no windows that open to let cooler air in, and I have recorded temperatures in the classroom in the months of December, January, February and March that reach 85 degrees on sunny days.

Heating and cooling can be a challenge because our workspace share heating and cooling with other offices.

GRH is going to mold just like TPH if they don't get some air in there -- always hot hot hot.

Leave the HVAC system on, just adjust it up or down at night and need more AC during class times. Lots of bodies to create heat

No

My office suite smells mildewy with no obvious cause of it.

Computer labs are sweltering. I have had to dismiss my students 20 minutes ahead of schedule on a few occasions due to high temperatures. I have also experienced an emergency shut-down by the projector in the computer lab due to high temperatures.

logging classroom and other workspace use for after hours in ASTRA is a burden to our department, because we do after hours work so frequently.

I am fortunate to be located where I am. We have full control over the temperature. For example, with today's cool spring morning, I was able to start with heat and then move to AC as the day warmed up.

HVAC in EST is a mess. It is hot in the winter and cold in the summer. It makes it difficult to teach, to learn, to concentrate.

There is a thermostat in my office. While it appears that things can be controlled, they cannot. This building is less than 5 years old - we should not have temperature control issues, but we do.

My office is 94 square feet. There is insufficient space to meet with students.

Need to install customized temp

I just use a space heater if it's too cold in my office

Old building, offices are small and typically not sufficiently wired electrically. Need better access to water sources to fill larger containers.

AC building needs windows for every office; or lighting that simulates sunlight!

The FAC HVAC needs to be completely replaced and we need windows that can open.

During fall and spring the temperature is right ONLY AFTER A LONG PERIOD of discomfort. I've worked here many years and I still don't understand why it takes two weeks to get the heating/cooling right during the transition periods.

these questions should also be conducted with the staff, faculty are not the only WKU work force members.

Central problem is that in classrooms, as the temperature rises throughout the day and as more classes meet - it drives up the temperature. A little more A/C later in the day would be nice.

Turning off the AC in the summer after 3 pm makes working after 3 pm difficult.

No

Apparently maintaining a "green" building is more important than maintaining a reasonable temperature.

I believe attention/inattention to workplace comfort is highly correlated to faculty morale

I don't know what can be done about it, but the temperature is usually too cold and I have to sit with a heater or a blanket to maintain a pleasant temperature. Unless it's suddenly extremely hot in the building and I'm sweating.

Generally I am comfortable. I know that several of my colleagues are not, though.

I would like to be able to personally control the temperature in my classrooms and office, or have heating/cooling units that consistently function properly.

The temperature control in FAC has been improved somewhat in the last 15 years. Temperature is not consistent throughout the building, and remarkably, the Dean's Office always seems fine when I visit.

The reason it is important for the offices (particularly on the 5th floor of Grise Hall) is that offices provide a place of solitude for intense concentrated research. The building is usually quiet. There are minimal distractions. The library does not provide a distraction free-area, nor does it provide the comfortable environment of one's own office.

The policy (or tendency) of turning off heat/AC 30 mins before end of day is quite distressing to me. As is the difficulty of contacting someone to request a change to temperature at that late time of day.

Except for the winter, my office is always way too cold. I find it difficult to dress both for warm weather outside and for frigid temperatures inside in the summer.

EST is a broken building, with inadequate HVAC, broken water lines constantly in the toilets, and inhospitable classrooms and workspaces.

We are being squeezed out of our office by hot temps. HVAC experts can tell you that the university's policy to turn AC on and off creates problems with condensation in electrical equipment.

I teach at least 1 IVS class every semester and always think that IVS classrooms are too hot, especially the ones in GRH. The IVS room that I'm teaching in this semester in MMTH is a more comfortable temperature. And I am almost always hot in my office all the time, regardless of the season. Except winter break; that's the one time of the year that it may be too cold BUT I appreciate the energy conservation and would not want to change that initiative over winter break.

My professional workspaces range from the mildly uncomfortable to the actively dangerous. Exposure to aspergillus in FAC and Tate-Page resulted in an ear infection that virtually destroyed hearing in my right ear. (I was denied workman's comp, over the recommendation of my physician) My office is usually close to 80%, as is the classroom in which I teach. This semester I have had students pass out on an average of once every 2 weeks. One student, who is epileptic and for whom heatstress is a trigger, has had two seizure episodes requiring emergency personnel intervention. Although the Dean has repeatedly complained on behalf of those working in this building, there has been little result, and apparent indifference to this situation has accelerated my decision to retire at the end of this semester. decision is a

I could save the university some money if I could control my own thermostat in COHH. The AC is set too cool. I call and have them reset it about 4 times a year.

Simply going from a two-pipe steam system to a three pipe system would alleviate much of the problem. With all the construction on campus over the past few years, it is beyond reason why we have not done this.

Terrible temperature control in the whole building

Regarding overall comfort, I feel it is very difficult to please everyone. What is warm to one person, may seem cool to another. Personally, I plan accordingly when working in my office during distinctively different climates throughout the year to combat any potential building/campus system settings, malfunctions, etc.

Mondays during the summer have been bad in the past because the A/C is turned off until Monday morning, with not enough to get the building cooled down.

The second floor classrooms in FAC typically are 85 degrees or more in the weeks before the ac is switched over.

I love being in Cherry Hall, but my office and my classroom are both uncomfortable more days than they are comfortable. In addition to them being far too hot or far too cold, the blowing of the fan makes it VERY hard to teach and to hold individual conferences in my office. It also aggravates my tinnitus.

It can run hot or cold, literally. But I am fine with my space.

The money WKU saves on turning off the a/c and heat at 3:00 pm each day is minimized by a loss in faculty/staff morale and productivity. One would think that a "Leading American University with International Reach" could control the temperatures in the offices and teaching spaces. It can be extremely difficult to type after sitting in your work space for multiple hours with the temperature at 63 or 64 degrees. It is also not fun in the late spring and summer when temperatures indoors reach the upper 70s and low 80s.

The temperature in my studio (where I teach 4-5 hours a day) and classrooms have always been a problem. No air circulates and it's usually uncomfortably warm if not straight up hot. Sweaty. Hot. Yuck. That's not a positive teaching/learning environment.

I have a space heater that helps warm up my space when it is too cold. While temperatures have not discouraged me from working in the office, I have had to use the heater to make it more comfortable.

In my office the ac/heat vent roars. It is comparable to being on an airplane where you have the wind noise. It is so loud that I go home with a headache most days. I have reported it to building services and they say there is nothing they can do. I have resorted to pushing the vent up into the ceiling and covering it with another ceiling tile to try to muffle the noise.

Would love for the mold and asbestos to be gone from Tate Page.

Its ridiculous that both I and my students are as miserable as we are for as many days as we are. We can build enormous buildings but we can't make existing ones livable?

If the intent is to create a small mini version of Hell for our work space you have succeeded

I think it's ridiculous that we, as grown adults, aren't allowed to set the temperature in our own offices. I also think that it ends up wasting energy, because we bring our own space heaters and fans to keep comfortable, which may be at odds with the heating/cooling at the time. Sometimes when I am finally starting to get comfortably warm in the winter (my fingers start to thaw), the AC will kick on because it's reached 74 degrees.

It's too hot!!!

It is impossible to accomplish anything over the winter break because there is no heat not to mention the damage done to the library collections which are supposed to be maintained at a constant temperature

This survey was missing an option in the drop-down menu about what time I usually leave my office - there was no 4pm to 5pm option.

Leaving the office between 4:00-5:00 pm was not an option, but I would have selected this time frame if it were.

Excellent facility and responsive facilities management staff.

I appreciate how nice my office and the classrooms in which I teach are.

You did not include a work end time of 4:01 - 5:00p.m. on your survey and that is what time I usually leave.

I have an office where we could theoretically have control over the temperature (individual units) but "they" don't allow it. I get that they're trying to save money, but letting us be cooler (less heat) in the winter and warmer (less AC) in the summer would SAVE MONEY. Also, for evening and weekend work, can't we just have like a 1 hour override to occupied settings? I would be fine getting up every hour and pushing the button like I was on the "Lost" TV show.

My office is usually freezing so I keep a heater on pretty much all year but my classrooms are cold in the fall/winter and warm in the late spring/summer - sometimes to the point that students are very uncomfortable and it is not conducive to learning.

None

Update the H-vac systems at the university.

If I did not have a personal fan in my office and one I bring to classroom, I would never survive. Indoor temps should be kept cooler because people can always wear a sweater or similar clothing whereas I am as stripped down as possible.

Look at the cost of installing ductless heating and cooling units in the offices vs. the cost to operate a system when some people are not in their offices.

The major problem for Grise Hall is the timing of the switchover from heating to a/c, and back again. Inevitably, classrooms and offices become too hot, or too cold. I have been forced to dismiss class early, at times, due to poor temperatures. Additionally, since there are no windows in Grise Hall, there is no way to bring fresh air into the building. The air flow into Grise Hall is not all that strong. Classrooms smell a bit musky in the morning; I try to arrive early and open the doors to let them air out a bit. I also have to change my attire, and dress more casually than I would like to at times, due to temperature concerns - both in the classrooms and in my office. I have a fan in my office, which I keep running most of the time just to get better air flow. Overall, the situation is a very poor one, for all faculty, staff and students in Grise Hall. I realize that any changes would be major; but, if Grise Hall is going to continue to be utilized - for any College's classes - I would urge the University to plan the major HVAC upgrades as soon as possible. (Find the funds.) Thank you.

The heating system is very loud and disrupts work in my laboratory.

Because of lack of heat or cooling, it's almost impossible to work in my office during evenings, weekends, and breaks. I do all my work -- teaching preparation, computer research, and writing in my office. What's more, my office is cold in the fall and winter, and hot in the spring and summer. I do have a space heater and fans in my office. But in spring and summer the fans only blow hot air around. I know the excuse for turning down heat and air is because WKU is trying to be "green" in its approach to energy use. But Cherry Hall is an old building, its heating and cooling is unreliable to begin with (seasonal breakdowns are predictable), and the policy of rollercoaster heat and air temperatures is probably causing structural problems, especially condensation. As my father used to say, "Set the temperature and keep it there. It costs more to get heat or air up to the right temperature if you constantly change the temperature settings because the heating and air units use more energy this way." I follow his advice in my own home, and thus keep my energy cost stable.

Is the energy savings worth chasing faculty from their offices when they would rather be there to serve our students?

My office was 78 degrees this month before they turned on the AC. It is frequently hotter than this in the summer. This is too hot to work. Winter break, it may be cool, but I can put on a sweater. In the spring and summer, I have to wear the least clothing that is still professional.

From fall to early spring the temperature in my classroom is intolerable and sometimes dangerous. Even though I dismiss classes when the temperature exceeds 82 degrees, I have had multiple episodes of students passing out. One student has twice needed EMT intervention for seizures at least in part due to stress induced by the heat. My own office is invariably too hot for comfort during the same time of the year. The discomfort of my working conditions and apparent indifference on the part of those in charge of this circumstance and the issue of mold contamination in this and other buildings have represented a significant factor in my decision to retire at this time.

Because I'm in a relatively new building, the temperature is not usually an issue in my office. However, if I want to use an empty classroom and it is not scheduled through the system, the heat or air will not be on in that room. The

computer lab in our building is always many degrees warmer than the air in the hallways.

The temperature in my workspace is fine, but that's primarily because I'm not up against an exterior wall. The other people in my building (Jones Jagers) whose offices DO include an exterior wall (I used to have one of these offices) can have 56 degree offices on Winter mornings and 86 degree offices on Summer afternoons. That temperature fluctuation was the main reason I moved office spaces to where I am now.

Most mornings when I come in during the colder months, it is below 65 degrees. In the summer, you freeze us out. I suspect that is because you are heating for people who wear suits, people in power. I'm not wearing a suit or layers when it is 85-95 outside. The students are never dressed for freezing temperatures. Shorts etc are NORMAL.

no

I teach for 2 colleges but your survey allowed only one. You also didn't allow for what online teachers do.

I wish they would let us change the temperature on our thermostats!

disappointed that I can't open windows and experience fresh air

The building HVAC is turned off after 4PM so evening classes are uncomfortable. Working in the office during breaks is difficult since it is presumed that no works in the office. The thermostats are not placed in every office so my office temp is controlled by someone else. The university turns off the HVAC but leaves all hallway lighting on during breaks.

No

The heat and cooling are inconsistent throughout all seasons. Often we either freeze or are too hot. In the summers/weekends when cooling shuts off at 4 that is really problematic. Many of our students work so they have appointments with us at night (also because they have evening classes). As director of a program I was at the office ALL the time--weekends too.

Just that my biggest concern is that the climate in the classroom(s) in which I teach is so uncomfortable for students that some are near passing out (heat) and that is NOT conducive to learning, nor is it fair to them when they are paying so much (or going into debt) to be here and learn. WKU owes it to them to provide a comfortable, workable learning environment.

I have a heater in my office that I keep on year round. It is too cold in the winter (heat not high enough) and too cold in the summer (air conditioning too high). My colleagues all have heaters too. This is the only way it is comfortable to work in my office ever.

It would be EXTREMELY helpful to have individual control over heating/cooling in my office.

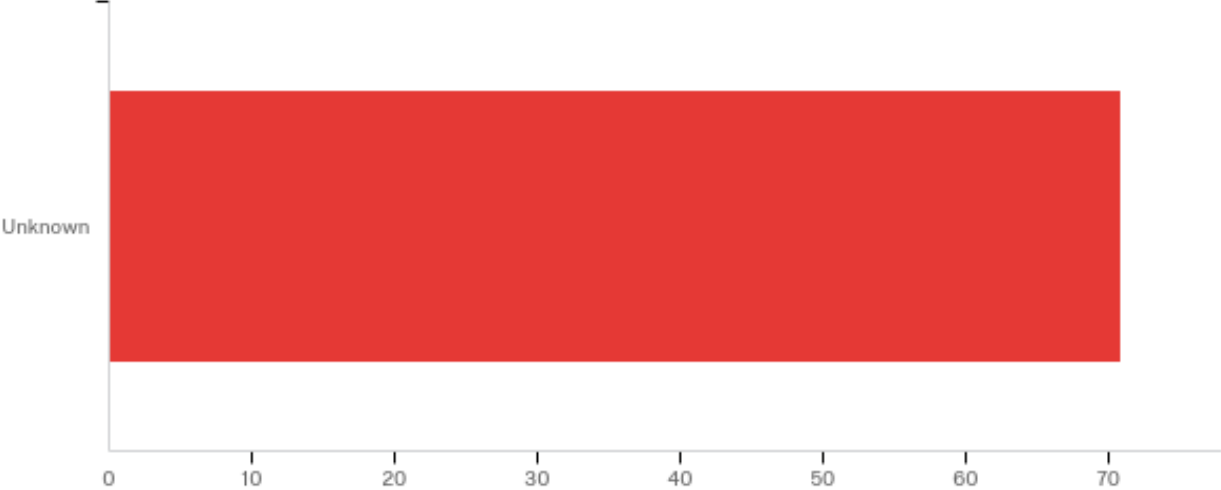
It was so cold in my office I had to go home and change clothes twice this fall. My classroom was absolutely stifling hot in the spring because it is an early Monday morning class and the air was off all weekend. It is horrible that we are expected to suffer to save money

No issues with break temps. I work full time as staff. In winter, building is cold. In summer it's cold.

I'm always cold

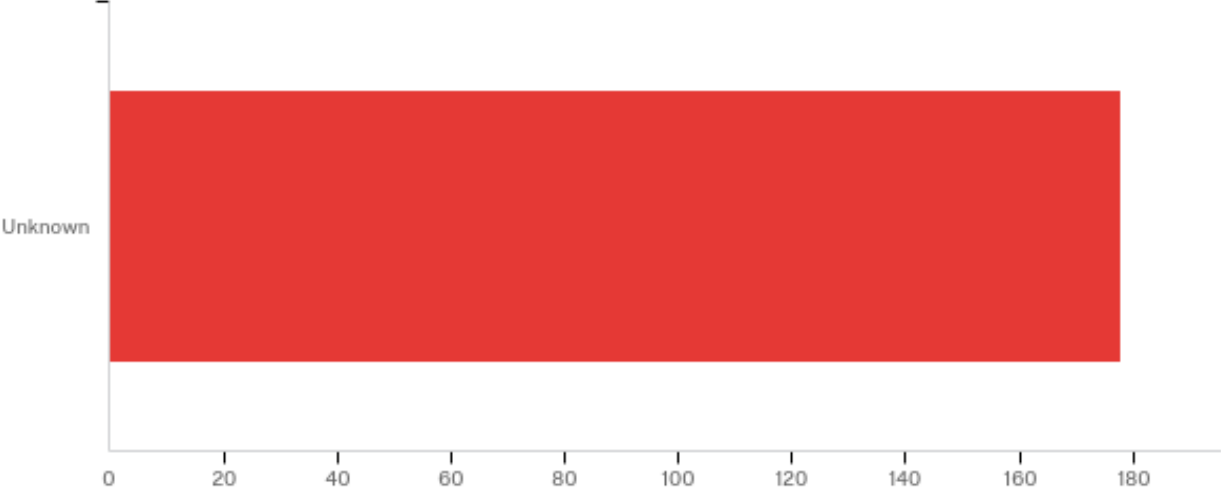
Your survey didn't ask if I was full time staff as a part-time faculty member. But I am.

Q30 - Topics



Answer	%	Count
Unknown	100.00%	71
Total	100%	71

Q3 - Topics



Answer	%	Count
Unknown	100.00%	178
Total	100%	178

In what building do you primarily teach on Main Campus?/ In what building is your office on Main Campus?
Academic Complex
Need to install customized temp
AC building needs windows for every office; or lighting that simulates sunlight!
Heating and cooling can be a challenge because our workspace share heating and cooling with other offices.
My office suite smells mildewy with no obvious cause of it.
Terrible temperature control in the whole building
Cherry Hall
The air conditioner chugs away in spring and fall even when it's cold outside. Often, it's very uncomfortable. Over winter break the building is too cold to work in because there is almost no heat.
I love being in Cherry Hall, but my office and my classroom are both uncomfortable more days than they are comfortable. In addition to them being far too hot or far too cold, the blowing of the fan makes it VERY hard to teach and to hold individual conferences in my office. It also aggravates my tinnitus.
The temperature in my workspace is fine, but that's primarily because I'm not up against an exterior wall. The other people in my building (Jones Jagers) whose offices DO include an exterior wall (I used to have one of these offices) can have 56 degree offices on Winter mornings and 86 degree offices on Summer afternoons. That temperature fluctuation was the main reason I moved office spaces to where I am now.
Most mornings when I come in during the colder months, it is below 65 degrees. In the summer, you freeze us out. I suspect that is because you are heating for people who wear suits, people in power. I'm not wearing a suit or layers when it is 85-95 outside. The students are never dressed for freezing temperatures. Shorts etc are NORMAL.
Just that my biggest concern is that the climate in the classroom(s) in which I teach is so uncomfortable for students that some are near passing out (heat) and that is NOT conducive to learning, nor is it fair to them when they are paying so much (or going into debt) to be here and learn. WKU owes it to them to provide a comfortable, workable learning environment.
It was so cold in my office I had to go home and change clothes twice this fall. My classroom was absolutely stifling hot in the spring because it is an early Monday morning class and the air was off all weekend. It is horrible that we are expected to suffer to save money
College High Hall
I could save the university some money if I could control my own thermostat in COHH. The AC is set too cool. I call and have them reset it about 4 times a year.
I have an office where we could theoretically have control over the temperature (individual units) but "they" don't allow it. I get that they're trying to save money, but letting us be cooler (less heat) in the winter and warmer (less AC) in the summer would SAVE MONEY. Also, for evening and weekend work, can't we just have like a 1 hour override to occupied settings? I would be fine getting up every hour and pushing the button like I was on the "Lost" TV show.
I wish they would let us change the temperature on our thermostats!
I think it's ridiculous that we, as grown adults, aren't allowed to set the temperature in our own offices. I also think that it ends up wasting energy, because we bring our own space heaters and fans to keep comfortable, which may be at odds with the heating/cooling at the time. Sometimes when I

<p>am finally starting to get comfortably warm in the winter (my fingers start to thaw), the AC will kick on because it's reached 74 degrees.</p>
<p>Engineering Biological Sciences</p>
<p>The building HVAC is turned off after 4PM so evening classes are uncomfortable. Working in the office during breaks is difficult since it presumed that no works in the office. The temostats are not placed in every office so my office temp is controlled by someone else. The university turns off the HVAC but leaves all hallway lighting on during breaks.</p>
<p>Environmental Sciences Technology</p>
<p>Leave the HVAC system on, just adjust it up or down at night and need more AC during class times. Lots of bodies to create heat</p>
<p>HVAC in EST is a mess. It is hot in the winter and cold in the summer. It makes it difficult to teach, to learn, to concentrate.</p>
<p>EST is a broken building, with inadequate HVAC, broken water lines constantly in the toilets, and inhospitable classrooms and workspaces.</p>
<p>Simply going from a two-pipe steam system to a three pipe system would alleviate much of the problem. With all the construction on campus over the past few years, it is beyond reason why we have not done this.</p>
<p>Fine Arts Center</p>
<p>It is warm to hot most of the time that the A/C is not on. There are no windows that open to let cooler air in, and I have recorded temperatures in the classroom in the months of December, January, February and March that reach 85 degrees on sunny days.</p>
<p>logging classroom and other workspace use for after hours in ASTRA is a burden to our department, because we do after hours work so frequently.</p>
<p>The FAC HVAC needs to be completely replaced and we need windows that can open.</p>
<p>The temperature control in FAC has been improved somewhat in the last 15 years. Temperature is not consistent throughout the building, and remarkably, the Dean's Office always seems fine when I visit.</p>
<p>My professional workspaces range from the mildly uncomfortable to the actively dangerous. Exposure to aspergillus in FAC and Tate-Page resulted in an ear infection that virtually destroyed hearing in my right ear. (I was denied workman's comp, over the recommendation of my physician) My office is usually close to 80%, as is the classroom in which I teach. This semester I have had students pass out on an average of once every 2 weeks. One student, who is epileptic and for whom heatstress is a trigger, has had two seizure episodes requiring emergency personnel intervention. Although the Dean has repeatedly complained on behalf of those working in this building, there has been little result, and apparent indifference to this situation has accelerated my decision to retire at the end of this semester. decision is a</p>
<p>The temperature in my studio (where I teach 4-5 hours a day) and classrooms have always been a problem. No air circulates and it's usually uncomfortably warm if not straight up hot. Sweaty. Hot. Yuck. That's not a positive teaching/learning enviornment.</p>
<p>There is a thermostat in my office. While it appears that things can be controlled, they cannot. This building is less than 5 years old - we should not have temperature control issues, but we do.</p>
<p>The second floor classrooms in FAC typically are 85 degrees or more in the weeks before the ac is switched over.</p>
<p>I believe attention/inattention to workplace comfort is highly correlated to faculty morale</p>

<p>From fall to early spring the temperature in my classroom is intolerable and sometimes dangerous. Even though I dismiss classes when the temperature exceeds 82 degrees, I have had multiple episodes of students passing out. One student has twice needed EMT intervention for seizures at least in part due to stress induced by the heat. My own office is invariably too hot for comfort during the same time of the year. The discomfort of my working conditions and apparent indifference on the part of those in charge to this circumstance and the issue of mold contamination in this and other buildings have represented a significant factor in my decision to retire at this time.</p>
<p>(Comment emailed directly) Thanks for doing this survey. The FAC is a mess. I filled out my survey but I have to tell you that since 2002 when I came here the same issues have happened repeatedly. The administration needs to make the heating and cooling in this building a priority. I spend about \$2000 a year (out of my own pocket) at minimum repairing my flute because of the fluctuating temperature in the FAC. I have to do all of my grading, class planning, and practicing at home because once I am there teaching for six hours, I want to get to a stable temperature. All that is to say that I really appreciate the survey.</p>
<p>Gary Ransdell Hall</p>
<p>Lack of comfortable temperatures is a detriment to working effectively and efficiently. It is unacceptable.</p>
<p>Computer labs are sweltering. I have had to dismiss my students 20 minutes ahead of schedule on a few occasions due to high temperatures. I have also experienced an emergency shut-down by the projector in the computer lab due to high temperatures.</p>
<p>Turning off the AC in the summer after 3 pm makes working after 3 pm difficult.</p>
<p>Apparently maintaining a "green" building is more important than maintaining a reasonable temperature.</p>
<p>We are being squeezed out of our office by hot temps. HVAC experts can tell you that the university's policy to turn AC on and off creates problems with condensation in electrical equipment.</p>
<p>I teach at least 1 IVS class every semester and always think that IVS classrooms are too hot, especially the ones in GRH. The IVS room that I'm teaching in this semester in MMTH is a more comfortable temperature. And I am almost always hot in my office all the time, regardless of the season. Except winter break; that's the one time of the year that it may be too cold BUT I appreciate the energy conservation and would not want to change that initiative over winter break.</p>
<p>I have a space heater that helps warm up my space when it is too cold. While temperatures have not discouraged me from working in the office, I have had to use the heater to make it more comfortable.</p>
<p>Excellent facility and responsive facilities management staff.</p>
<p>I appreciate how nice my office and the classrooms in which I teach are.</p>
<p>Because I'm in a relatively new building, the temperature is not usually an issue in my office. However, if I want to use an empty classroom and it is not scheduled through the system, the heat or air will not be on in that room. The computer lab in our building is always many degrees warmer than the air in the hallways.</p>
<p>I appreciate having a space.</p>
<p>GRH is going to mold just like TPH if they don't get some air in there -- always hot hot hot.</p>
<p>I am fortunate to be located where I am. We have full control over the temperature. For example, with today's cool spring morning, I was able to start with heat and then move to AC as the day warmed up.</p>
<p>The heating system is very loud and disrupts work in my laboratory.</p>
<p>Gordon Wilson Hall</p>

I would like to be able to personally control the temperature in my classrooms and office, or have heating/cooling units that consistently function properly.
It would be EXTREMELY helpful to have individual control over heating/cooling in my office.
Grise Hall
Old building, offices are small and typically not sufficiently wired electrically. Need better access to water sources to fill larger containers.
Its ridiculous that both I and my students are as miserable as we are for as many days as we are. We can build enormous buildings but we can't make existing ones livable?
If the intent is to create a small mini version of Hell for our work space you have succeeded
My office is usually freezing so I keep a heater on pretty much all year but my classrooms are cold in the fall/winter and warm in the late spring/summer - sometimes to the point that students are very uncomfortable and it is not conducive to learning.
The heat and cooling are inconsistent throughout all seasons. Often we either freeze or are too hot. In the summers/weekends when cooling shuts off at 4 that is really problematic. Many of our students work so they have appointments with us at night (also because they have evening classes). As director of a program I was at the office ALL the time--weekends too.
Is the energy savings worth chasing faculty from their offices when they would rather be there to serve our students?
As conditions in Grise Hall have varied considerably over the years, their cycles have become increasingly predictable (this is a "good thing"!) and, of late, things have been just fine. In regard to heating and cooling Grise Hall provides acceptable working conditions. It should be noted, however, that this building remains perhaps the ugliest structure on the WKU campus -- even more of an affront to one's visual sensibilities than PFT or Tate Page Hall.
The HVAC vent over my desk is really loud when it turns on; it sounds like a jet engine whenever the air is blowing, which is very annoying and causes a headache if it is on for very long at a time.
During fall and spring the temperature is right ONLY AFTER A LONG PERIOD of discomfort. I've worked here many years and I still don't understand why it takes two weeks to get the heating/cooling right during the transition periods.
Central problem is that in classrooms, as the temperature rises throughout the day and as more classes meet - it drives up the temperature. A little more A/C later in the day would be nice.
Generally I am comfortable. I know that several of my colleagues are not, though.
The reason it is important for the offices (particularly on the 5th floor of Grise Hall) is that offices provide a place of solitude for intense concentrated research. The building is usually quiet. There are minimal distractions. The library does not provide a distraction free-area, nor does it provide the comfortable environment of one's own office.
In my office the ac/heat vent roars. It is comparable to being on an airplane where you have the wind noise. It is so loud that I go home with a headache most days. I have reported it to building services and they say there is nothing they can do. I have resorted to pushing the vent up into the ceiling and covering it with another ceiling tile to try to muffle the noise.
Look at the cost of installing ductless heating and cooling units in the offices vs. the cost to operate a system when some people are not in their offices.

The major problem for Grise Hall is the timing of the switchover from heating to a/c, and back again. Inevitably, classrooms and offices become too hot, or too cold. I have been forced to dismiss class early, at times, due to poor temperatures. Additionally, since there are no windows in Grise Hall, there is no way to bring fresh air into the building. The air flow into Grise Hall is not all that strong. Classrooms smell a bit musky in the morning; I try to arrive early and open the doors to let them air out a bit. I also have to change my attire, and dress more casually than I would like to at times, due to temperature concerns - both in the classrooms and in my office. I have a fan in my office, which I keep running most of the time just to get better air flow. Overall, the situation is a very poor one, for all faculty, staff and students in Grise Hall. I realize that any changes would be major; but, if Grise Hall is going to continued to be utilized - for any College's classes - I would urge the University to plan the major HVAC upgrades as soon as possible. (Find the funds.) Thank you.

Helm Library/Helm-Craven Complex/Cravens Library

It is impossible to accomplish anything over the winter break because there is no heat not to mention the damage done to the library collections which are supposed to be maintained at a constant temperature

Mondays during the summer have been bad in the past because the A/C is turned off until Monday morning, with not enough to get the building cooled down.

I'm always cold

Honors College International Center

Except for the winter, my office is always way too cold. I find it difficult to dress both for warm weather outside and for frigid temperatures inside in the summer.

I have a heater in my office that I keep on year round. It is too cold in the winter (heat not high enough) and too cold in the summer (air conditioning too high). My colleagues all have heaters too. This is the only way it is comfortable to work in my office ever.

Mass Media Technology Hall

It can run hot or cold, literally. But I am fine with my space.

No issues with break temps. I work full time as staff. In winter, building is cold. In summer it's cold.

Music Hall

The money WKU saves on turning off the a/c and heat at 3:00 pm each day is minimized by a loss in faculty/staff morale and productivity. One would think that a "Leading American University with International Reach" could control the temperatures in the offices and teaching spaces. It can be extremely difficult to type after sitting in your work space for multiple hours with the temperature at 63 o4 64 degrees. It is also not fun in the late spring and summer when temperatures indoors reach the upper 70s and low 80s.

Ransdell Hall

My office was 78 degrees this month before they turned on the AC. It is frequently hotter than this in the summer. This is too hot to work. Winter break, it may be cool, but i can put on a sweater. In the spring and summer, I have to wear the least clothing that is still professional.

Smith Stadium East

I just use a space heater if it's too cold in my office

Regarding overall comfort, I feel it is very difficult to please everyone. What is warm to one person, may seem cool to another. Personally, I plan accordingly when working in my office during distinctively different climates throughout the year to combat any potential building/campus system settings, malfunctions, etc.

Snell Hall

My office is 94 square feet. There is insufficient space to meet with students.
It's too hot!!!
these questions should also be conducted with the staff, faculty are not the only WKU work force members.
The policy (or tendency) of turning off heat/AC 30 mins before end of day is quite distressing to me. As is the difficulty of contacting someone to request a change to temperature at that late time of day.
If I did not have a personal fan in my office and one I bring to classroom, I would never survive. Indoor temps should be kept cooler because people can always wear a sweater or similar clothing whereas I am as stripped down as possible.
Tate Page Hall
Would love for the mold and asbestos to be gone from Tate Page.
Thompson Complex Central Wing
Update the H-vac systems at the university.