

Fall 2020 Sustainability Literacy & Culture Survey

Description:

Date Created: 11/2/2020 12:42:29 PM

Date Range: 11/10/2020 12:00:00 AM - 12/1/2020 11:59:00 PM

Total Respondents: 55

Q1. What is your academic level?

Count	Percent		
7	12.73%		Freshman
11	20.00%		Sophomore
8	14.55%		Junior
10	18.18%		Senior
12	21.82%		Graduate
6	10.91%		Doctoral
1	1.82%		Other

Count	Percent		
55	Respondents		
Top 3	34.55% (19)	Bottom 3	47.27% (26)
Mean	3.65	Std Deviation	1.82
Median	4.00	Std Error	0.25
Mode	5	Confidence Interval @ 95%	3.17-4.13

Q2. Where do you live?

Count	Percent		
5	9.09%		On campus
50	90.91%		Off campus


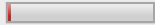
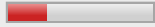

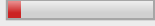
55 Respondents

Q3. Which of the following is not typically included in defining sustainability?

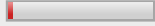
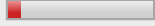

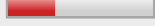
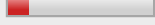
Count	Respondent %	Response %	
9	16.36%	14.52%	Society
15	27.27%	24.19%	Economy
3	5.45%	4.84%	Environment
18	32.73%	29.03%	Government
17	30.91%	27.42%	Do not know

55 Respondents
62 Responses

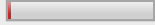
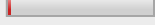
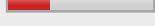

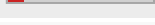
Q4. Please indicate your level of agreement with the following statements about your overall knowledge of carbon emissions - Methane is a potent greenhouse gas.

Count	Percent		
1	1.82%		Strongly Disagree
1	1.82%		Disagree
15	27.27%		Agree
33	60.00%		Strongly Agree
5	9.09%		N/A
55 Respondents			
Top 2	87.27% (48)	Bottom 2	10.91% (6)
Mean	3.27	Std Deviation	1.21
Median	4.00	Std Error	0.16
Mode	4	Confidence Interval @ 95%	2.95-3.59


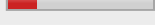
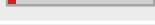
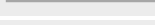
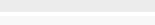
Q5. Please indicate your level of agreement with the following statements about your overall knowledge of carbon emissions - Greenhouse gases absorb infrared radiation and then radiates heat in all directions.

Count	Percent		
2	3.64%		Strongly Disagree
5	9.09%		Disagree
22	40.00%		Agree
18	32.73%		Strongly Agree
8	14.55%		N/A
55 Respondents			
Top 2	72.73% (40)	Bottom 2	18.18% (10)
Mean	2.73	Std Deviation	1.35
Median	3.00	Std Error	0.18
Mode	3	Confidence Interval @ 95%	2.37-3.08

Q6. Please indicate your level of agreement with the following statements about your overall knowledge of carbon emissions - Trees and oceans absorb carbon dioxide which decreases carbon emissions in the atmosphere.

Count	Percent		
1	1.82%		Strongly Disagree
1	1.82%		Disagree
16	29.09%		Agree
31	56.36%		Strongly Agree
6	10.91%		N/A
55 Respondents			
Top 2	85.45% (47)	Bottom 2	12.73% (7)
Mean	3.18	Std Deviation	1.28
Median	4.00	Std Error	0.17
Mode	4	Confidence Interval @ 95%	2.84-3.52

Q7. Please indicate your level of agreement with the following statements about your overall knowledge of carbon emissions - Burning fossil fuels (such as coal, natural gas, and oil) does not contain greenhouse gases.

Count	Percent		
29	52.73%		Strongly Disagree
11	20.00%		Disagree
3	5.45%		Agree
7	12.73%		Strongly Agree
5	9.09%		N/A
55 Respondents			
Top 2	18.18% (10)	Bottom 2	61.82% (34)
Mean	1.60	Std Deviation	1.15
Median	1.00	Std Error	0.15
Mode	1	Confidence Interval @ 95%	1.30-1.90

Q8. Please indicate your level of agreement with the following statements about your overall knowledge of carbon emissions - Carbon footprint is the amount of carbon emissions emitted due to an individual's consumption of fossil fuels.

Count	Percent		
2	3.64%		Strongly Disagree
2	3.64%		Disagree
25	45.45%		Agree
23	41.82%		Strongly Agree
3	5.45%		N/A
55 Respondents			
Top 2	87.27% (48)	Bottom 2	9.09% (5)
Mean	3.15	Std Deviation	1.04
Median	3.00	Std Error	0.14
Mode	3	Confidence Interval @ 95%	2.87-3.42

Q9. Please indicate your level of agreement with the following statements about your overall knowledge of carbon emissions - Chicken and salmon leave behind less of a carbon footprint than lamb chops.

Count	Percent		
4	7.27%		Strongly Disagree
4	7.27%		Disagree
24	43.64%		Agree
8	14.55%		Strongly Agree
15	27.27%		N/A
55 Respondents			
Top 2	58.18% (32)	Bottom 2	34.55% (19)
Mean	2.11	Std Deviation	1.49
Median	3.00	Std Error	0.20
Mode	3	Confidence Interval @ 95%	1.72-2.50

Q10. Please select the following statements that you believe are true:

Count	Respondent %	Response %	
28	50.91%	24.56%	
44	80.00%	38.60%	
29	52.73%	25.44%	
8	14.55%	7.02%	
5	9.09%	4.39%	
55 Respondents			
114 Responses			

The University of Houston offers single stream recycling

Recyclable plastics are typically labeled at the bottom of containers

Glass can be recycled in the City of Houston

Styrofoam can be recycled on campus

None of the above

Q11. Have you ever participated in the following sustainability events (select all that apply)?

Count	Respondent %	Response %	
3	5.45%	4.62%	
3	5.45%	4.62%	
4	7.27%	6.15%	
12	21.82%	18.46%	
2	3.64%	3.08%	
6	10.91%	9.23%	
35	63.64%	53.85%	
55 Respondents			
65 Responses			

Sustainability meetups

Sustainability Fest

Recyclemania

#UHBYOBottle

Volunteer at the UH Community Garden


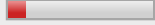
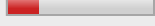
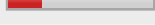
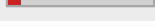
COAST program

None

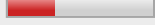
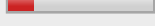
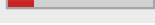
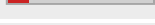
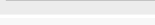
Q12. Please indicate your confidence level in participating in the following sustainability activities on campus: - Recycle

Count	Percent	
6	10.91%	Least Confident
10	18.18%	Confident
11	20.00%	Somewhat Confident
26	47.27%	Very Confident
2	3.64%	N/A
55 Respondents		
Top 2	67.27% (37)	Bottom 2 14.55% (8)
Mean	2.96	Std Deviation 1.20
Median	3.00	Std Error 0.16
Mode	4	Confidence Interval @ 95% 2.65-3.28


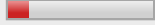
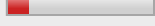
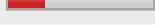
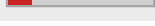
Q13. Please indicate your confidence level in participating in the following sustainability activities on campus: - Use public/other transportation

Count	Percent		
18	32.73%		Least Confident
7	12.73%		Confident
12	21.82%		Somewhat Confident
13	23.64%		Very Confident
5	9.09%		N/A
55 Respondents			
Top 2	45.45% (25)	Bottom 2	41.82% (23)
Mean	2.18	Std Deviation	1.36
Median	2.00	Std Error	0.18
Mode	1	Confidence Interval @ 95%	1.82-2.54

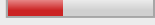
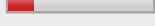
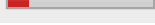
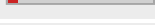
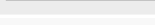
Q14. Please indicate your confidence level in participating in the following sustainability activities on campus: - Report energy issues

Count	Percent		
18	32.73%		Least Confident
10	18.18%		Confident
10	18.18%		Somewhat Confident
8	14.55%		Very Confident
9	16.36%		N/A
55 Respondents			
Top 2	32.73% (18)	Bottom 2	49.09% (27)
Mean	1.82	Std Deviation	1.32
Median	2.00	Std Error	0.18
Mode	1	Confidence Interval @ 95%	1.47-2.17


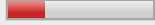
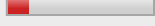
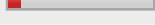
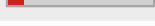
Q15. Please indicate your confidence level in participating in the following sustainability activities on campus: - Report water issues

Count	Percent		
16	29.09%		Least Confident
8	14.55%		Confident
8	14.55%		Somewhat Confident
14	25.45%		Very Confident
9	16.36%		N/A
55 Respondents			
Top 2	40.00% (22)	Bottom 2	45.45% (25)
Mean	2.04	Std Deviation	1.47
Median	2.00	Std Error	0.20
Mode	1	Confidence Interval @ 95%	1.65-2.42

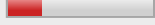
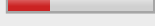
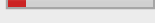
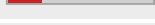
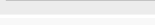
Q16. Please indicate your confidence level in participating in the following sustainability activities on campus: - Use of biking repair stations

Count	Percent		
21	38.18%		Least Confident
10	18.18%		Confident
8	14.55%		Somewhat Confident
4	7.27%		Very Confident
12	21.82%		N/A
55 Respondents			
Top 2	21.82% (12)	Bottom 2	60.00% (33)
Mean	1.47	Std Deviation	1.20
Median	1.00	Std Error	0.16
Mode	1	Confidence Interval @ 95%	1.16-1.79


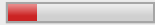
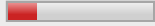
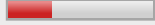
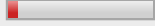
Q17. Please indicate your confidence level in participating in the following sustainability activities on campus: - Contacting the UH Office of Sustainability

Count	Percent		
22	40.00%		Least Confident
14	25.45%		Confident
8	14.55%		Somewhat Confident
5	9.09%		Very Confident
6	10.91%		N/A
55 Respondents			
Top 2	23.64% (13)	Bottom 2	50.91% (28)
Mean	1.71	Std Deviation	1.13
Median	1.00	Std Error	0.15
Mode	1	Confidence Interval @ 95%	1.41-2.01


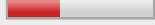
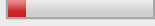
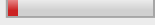
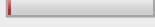
Q18. Please indicate your confidence level in participating in the following sustainability activities on campus: - Volunteering at UH

Count	Percent		
13	23.64%		Least Confident
16	29.09%		Confident
7	12.73%		Somewhat Confident
13	23.64%		Very Confident
6	10.91%		N/A
55 Respondents			
Top 2	36.36% (20)	Bottom 2	34.55% (19)
Mean	2.15	Std Deviation	1.33
Median	2.00	Std Error	0.18
Mode	2	Confidence Interval @ 95%	1.80-2.50


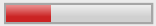
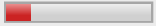
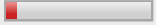
Q19. Please indicate your confidence level in participating in the following sustainability activities on campus: - Choosing sustainable food options

Count	Percent		
12	21.82%		Least Confident
11	20.00%		Confident
11	20.00%		Somewhat Confident
17	30.91%		Very Confident
4	7.27%		N/A
55 Respondents			
Top 2	50.91% (28)	Bottom 2	29.09% (16)
Mean	2.45	Std Deviation	1.33
Median	3.00	Std Error	0.18
Mode	4	Confidence Interval @ 95%	2.10-2.81


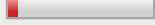
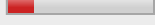
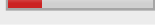
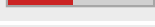
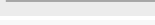
Q20. How would you describe your level of interest in sustainability?

Count	Percent		
23	41.82%		Strong interest
20	36.36%		Moderate interest
7	12.73%		Either interested nor disinterested
4	7.27%		Slight interest
1	1.82%		No interest
55 Respondents			
Top 2	9.09% (5)	Bottom 2	78.18% (43)
Mean	1.91	Std Deviation	1.01
Median	2.00	Std Error	0.14
Mode	1	Confidence Interval @ 95%	1.64-2.17


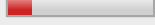
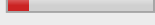
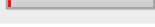
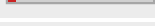
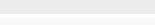
Q21. Please select the top two statements that aligns with your personal and community values:

Count	Respondent %	Response %	
50	90.91%	43.48%	 Communities should aim to meet basic needs (clean water, access to food, sanitation, etc.) and healthy living conditions for its members
36	65.45%	31.30%	 To protect the natural environment from harm
20	36.36%	17.39%	 Value the importance of diversity in the community
9	16.36%	7.83%	 Understanding that our community hold different perspectives
55 Respondents			
115 Responses			


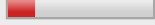
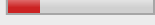
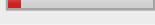
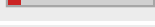
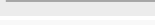
Q22. During the past year how often did you participate in the following: - Recycled

Count	Percent		
3	5.45%		Never
4	7.27%		Rarely
10	18.18%		Sometimes
13	23.64%		Most of the Time
25	45.45%		Always
0	0.00%		N/A - due to Pandemic
55 Respondents			
Top 2	69.09% (38)	Bottom 2	12.73% (7)
Mean	3.96	Std Deviation	1.20
Median	4.00	Std Error	0.16
Mode	5	Confidence Interval @ 95%	3.65-4.28


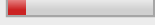
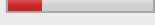
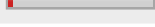
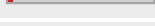
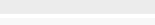
Q23. During the past year how often did you participate in the following: - Used public transportation (Metro rail, bus)

Count	Percent		
24	43.64%		Never
9	16.36%		Rarely
8	14.55%		Sometimes
1	1.82%		Most of the Time
3	5.45%		Always
10	18.18%		N/A - due to Pandemic
55 Respondents			
Top 2	8.89% (4)	Bottom 2	73.33% (33)
Mean	1.89	Std Deviation	1.19
Median	1.00	Std Error	0.18
Mode	1	Confidence Interval @ 95%	1.54-2.24


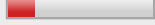
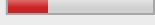
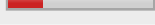
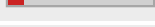
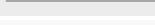
Q24. During the past year how often did you participate in the following: - Carpoled

Count	Percent		
13	24.07%		Never
10	18.52%		Rarely
12	22.22%		Sometimes
5	9.26%		Most of the Time
5	9.26%		Always
9	16.67%		N/A - due to Pandemic
54 Respondents			
Top 2	22.22% (10)	Bottom 2	51.11% (23)
Mean	2.53	Std Deviation	1.32
Median	2.00	Std Error	0.20
Mode	1	Confidence Interval @ 95%	2.15-2.92

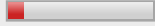
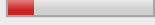

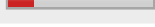
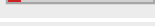
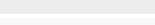
Q25. During the past year how often did you participate in the following: - Biked

Count	Percent		
27	49.09%		Never
7	12.73%		Rarely
13	23.64%		Sometimes
2	3.64%		Most of the Time
2	3.64%		Always
4	7.27%		N/A - due to Pandemic
55 Respondents			
Top 2	7.84% (4)	Bottom 2	66.67% (34)
Mean	1.92	Std Deviation	1.15
Median	1.00	Std Error	0.16
Mode	1	Confidence Interval @ 95%	1.61-2.24

Q26. During the past year how often did you participate in the following: - Walked

Count	Percent		
8	14.81%		Never
10	18.52%		Rarely
15	27.78%		Sometimes
13	24.07%		Most of the Time
6	11.11%		Always
2	3.70%		N/A - due to Pandemic
54 Respondents			
Top 2	36.54% (19)	Bottom 2	34.62% (18)
Mean	2.98	Std Deviation	1.24
Median	3.00	Std Error	0.17
Mode	3	Confidence Interval @ 95%	2.64-3.32

Q27. During the past year how often did you participate in the following: - Purchased sustainably sourced food items (local, organic, vegetarian based, antibiotic free, cage-free)

Count	Percent		
6	10.91%		Never
10	18.18%		Rarely
22	40.00%		Sometimes
10	18.18%		Most of the Time
5	9.09%		Always
2	3.64%		N/A - due to Pandemic
55 Respondents			
Top 2	28.30% (15)	Bottom 2	30.19% (16)
Mean	2.96	Std Deviation	1.11
Median	3.00	Std Error	0.15
Mode	3	Confidence Interval @ 95%	2.66-3.26


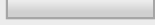
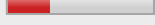
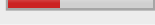
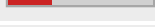
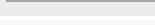
Q28. During the past year how often did you participate in the following: - Conserved water usage (short showers, don't leave water running, full loads of laundry and dishes)

Count	Percent		
2	3.64%		Never
5	9.09%		Rarely
13	23.64%		Sometimes
21	38.18%		Most of the Time
14	25.45%		Always
0	0.00%		N/A - due to Pandemic
55 Respondents			
Top 2	63.64% (35)	Bottom 2	12.73% (7)
Mean	3.73	Std Deviation	1.06
Median	4.00	Std Error	0.14
Mode	4	Confidence Interval @ 95%	3.45-4.01

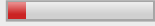
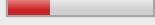
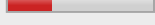
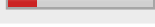
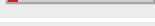
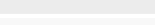
Q29. During the past year how often did you participate in the following: - Conserved electricity usage (turning off lights, unplugging)

Count	Percent		
1	1.82%		Never
4	7.27%		Rarely
12	21.82%		Sometimes
19	34.55%		Most of the Time
19	34.55%		Always
0	0.00%		N/A - due to Pandemic
55 Respondents			
Top 2	69.09% (38)	Bottom 2	9.09% (5)
Mean	3.93	Std Deviation	1.02
Median	4.00	Std Error	0.14
Mode	4,5	Confidence Interval @ 95%	3.66-4.20


Q30. During the past year how often did you participate in the following: - Utilized reusable items (travel mug/water bottle, bags)

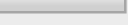
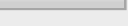
Count	Percent		
2	3.64%		Never
0	0.00%		Rarely
16	29.09%		Sometimes
20	36.36%		Most of the Time
17	30.91%		Always
0	0.00%		N/A - due to Pandemic
55 Respondents			
Top 2	67.27% (37)		Bottom 2 3.64% (2)
Mean	3.91		Std Deviation 0.97
Median	4.00		Std Error 0.13
Mode	4		Confidence Interval @ 95% 3.65-4.16

Q31. During the past year how often did you participate in the following: - Bought products with an eco-label or certification (household cleaning products, shampoo)

Count	Percent		
7	12.73%		Never
16	29.09%		Rarely
17	30.91%		Sometimes
11	20.00%		Most of the Time
4	7.27%		Always
0	0.00%		N/A - due to Pandemic
55 Respondents			
Top 2	27.27% (15)		Bottom 2 41.82% (23)
Mean	2.80		Std Deviation 1.13
Median	3.00		Std Error 0.15
Mode	3		Confidence Interval @ 95% 2.50-3.10

Q32. Additional comments/feedback

Count	Percent	
14	100.00%	

Count	Percent	
1	7.14%	 I live 30 miles from campus. Houston has abysmal public transportation options.
1	7.14%	 I wish UH had a composting program like the University of Michigan does—the summers I spent on that campus was fantastic with reducing waste: https://ocs.umich.edu/programs/waste-reduction/composting/ It would also be great if UH recycled glass.

1	7.14%	<input type="text"/>	I would like to know more ways to volunteer and help our community become more sustainable.
1	7.14%	<input type="text"/>	I would love to learn how to help more.
1	7.14%	<input type="text"/>	I'm not aware of any recycling options on campus. Also, would love to be informed about the process of recycling at UH. Aside from plastic, is it possible to recycle glass on campus?
1	7.14%	<input type="text"/>	I'm not sure what questions 12-19 are trying to get at. What do you mean by "confidence"? In or about what?
1	7.14%	<input type="text"/>	It's difficult to combine an increase in COVID single-use items with a general desire to lessen waste going to our landfills etc. The reduction in people traveling for personal or business reasons did not seem to have as big of an impact as some might have expected, which seems to underline that the major contributors to our current global environmental problems are large corporations, not small individual actions.
2	14.29%	<input type="text"/>	N/A
1	7.14%	<input type="text"/>	None ??
1	7.14%	<input type="text"/>	Thank you for making this survey!
1	7.14%	<input type="text"/>	The learning process in the learning environment of the educational system is precious at the University of Houston.
1	7.14%	<input type="text"/>	Very disappointing how u of h sent a survey to students and let students dictate how the next semester will go. Also disappointed how u of h wants a more "normal semester" for spring 2021, when cases are on the rise.
1	7.14%	<input type="text"/>	Volunteering is difficult and scary for me because I am Deaf. My family is fully committed to eco-sustainability. We drive an electric car and a hybrid and I am vegetarian for reasons relating to the environment. We raise a garden and chickens and support buying local produce to reduce carbon emissions. We are open to knowing ways we can continue to improve our conservatorship of the word.

14 Respondents