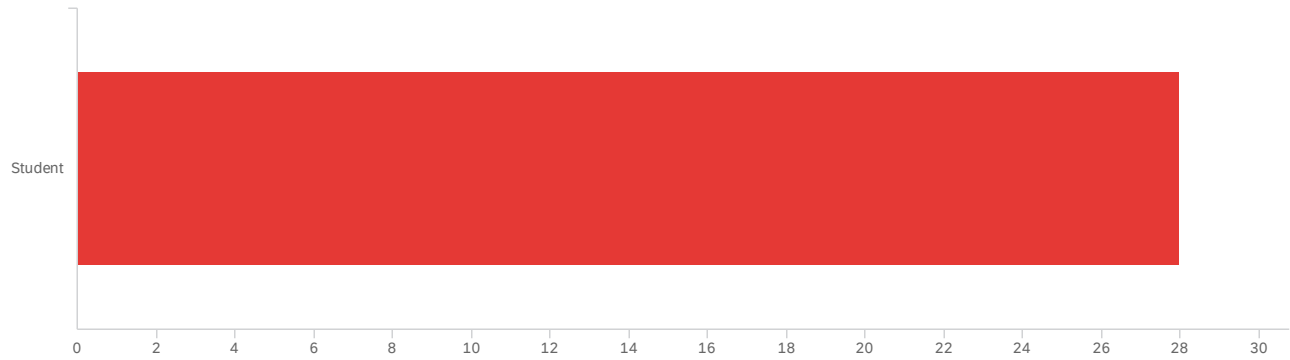# Default Report

Sustainability Literacy and Cultural Assessment- Fall 2020

November 20, 2020 12:01 PM MST

Q1.2 - Are you currently a:
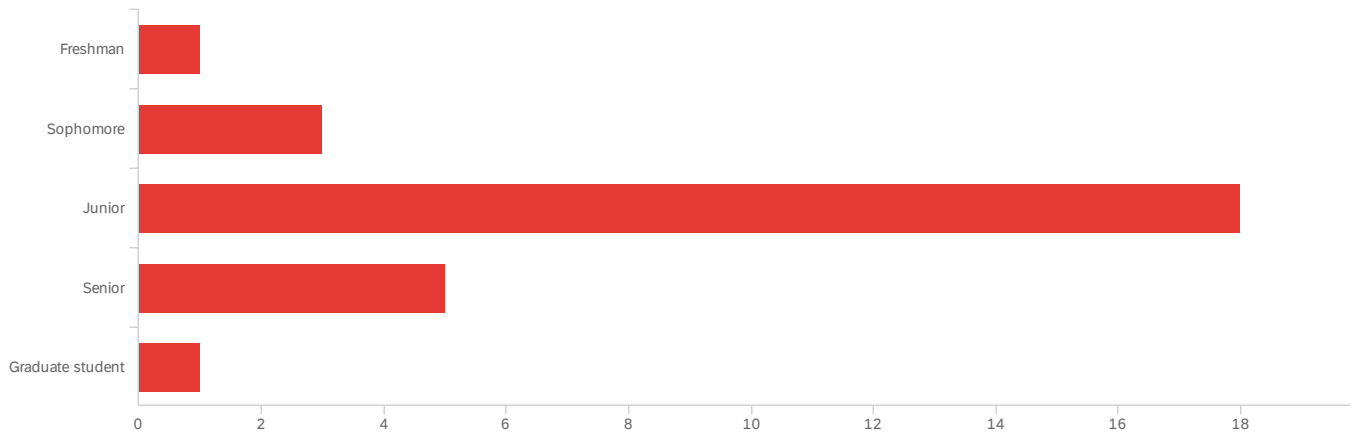
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Are you currently a:	1.00	1.00	1.00	0.00	0.00	28

#	Field		Choice Count
1	Student	100.00%	28

Showing rows 1 - 1 of 1

Q1.3 - If you answered student, what year are you?

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	If you answered student, what year are you?	1.00	5.00	3.07	0.75	0.57	28

#	Field		Choice Count
1	Freshman	3.57%	1
2	Sophomore	10.71%	3
3	Junior	64.29%	18
4	Senior	17.86%	5
5	Graduate student	3.57%	1
			28

Showing rows 1 - 6 of 6

Q1.4 - What college or area are you associated with?

College of agriculture and life sciences
College of architecture and urban studies
Pamplin college of business
College of engineering
College of liberal arts and human sciences
College of natural resources and environment
College of science
Corps of cadets
Honors college
College of veterinary medicine
Carilion school of medicine and Fralin biomedical research
Operations
Research
Administrative
Other
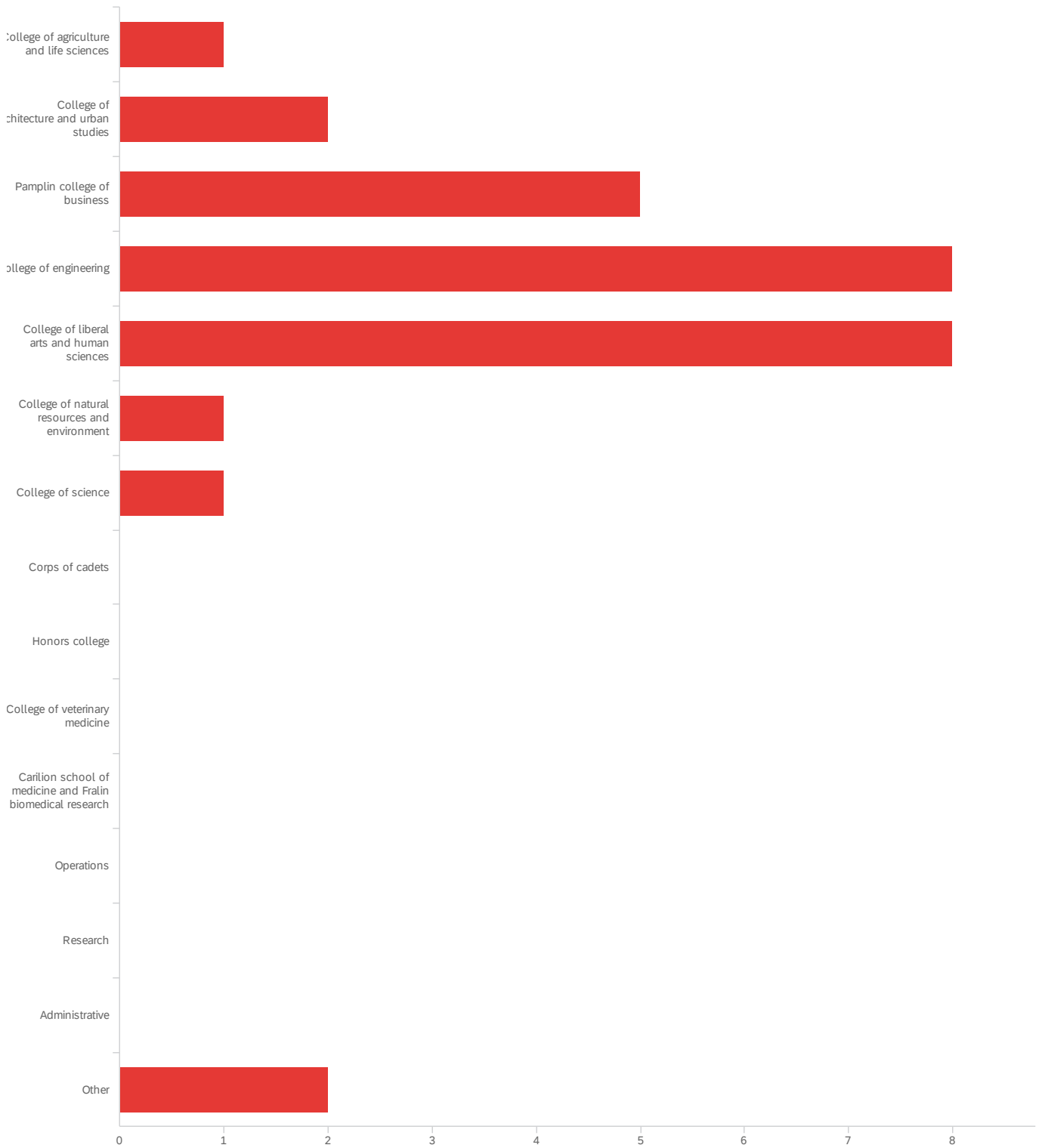
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	What college or area are you associated with?	1.00	15.00	4.82	3.08	9.50	28

#	Field	Choice Count	
1	College of agriculture and life sciences	3.57%	1
2	College of architecture and urban studies	7.14%	2
3	Pamplin college of business	17.86%	5
4	College of engineering	28.57%	8
5	College of liberal arts and human sciences	28.57%	8
6	College of natural resources and environment	3.57%	1
7	College of science	3.57%	1
8	Corps of cadets	0.00%	0
9	Honors college	0.00%	0
10	College of veterinary medicine	0.00%	0
11	Carilion school of medicine and Fralin biomedical research	0.00%	0
12	Operations	0.00%	0
13	Research	0.00%	0
14	Administrative	0.00%	0
15	Other	7.14%	2
			28

Showing rows 1 - 16 of 16

Q1.5 - Gender:
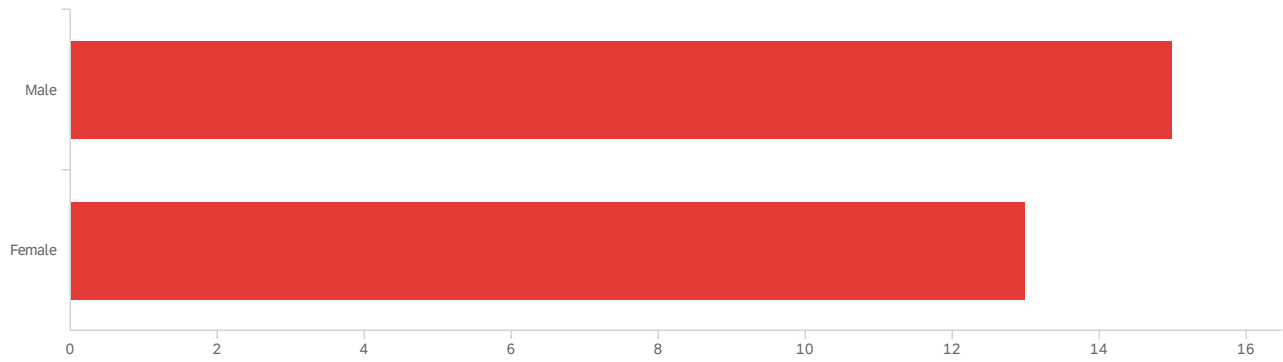
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Gender:	1.00	2.00	1.46	0.50	0.25	28

#	Field		Choice Count
1	Male	53.57%	15
2	Female	46.43%	13
			28

Showing rows 1 - 3 of 3

Q2.2 - Are you familiar with the concept of sustainable development?
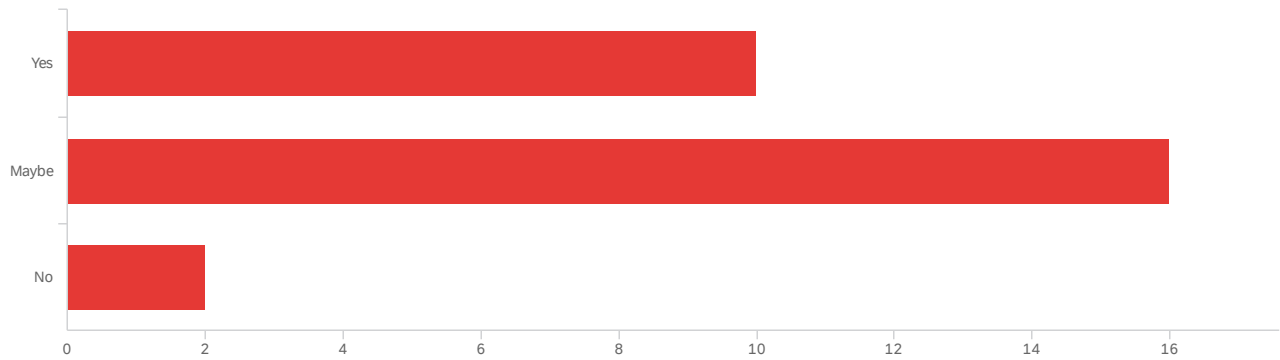
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Are you familiar with the concept of sustainable development?	1.00	3.00	1.71	0.59	0.35	28

#	Field		Choice Count	
1	Yes		35.71%	10
2	Maybe		57.14%	16
3	No		7.14%	2
				28

Showing rows 1 - 4 of 4

## Q2.3 - What is the definition of sustainable development as promoted by the United Nations?
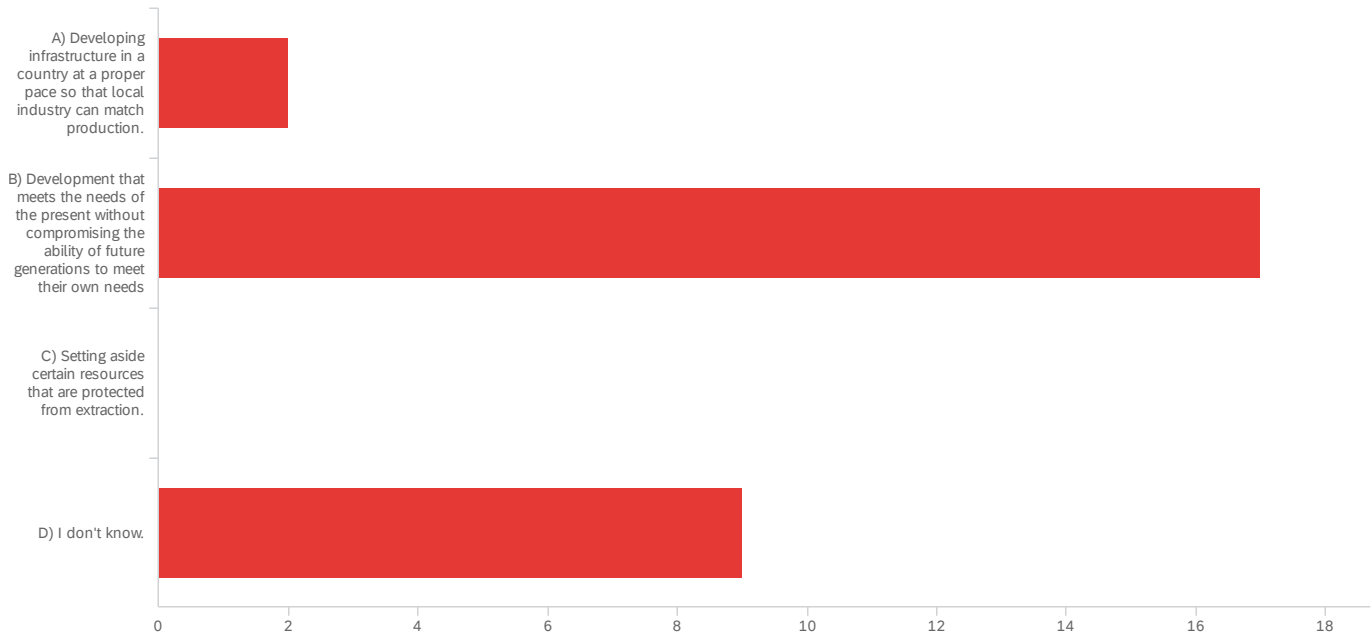
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	What is the definition of sustainable development as promoted by the United Nations?	1.00	4.00	2.57	1.02	1.03	28

#	Field		Choice Count
1	A) Developing infrastructure in a country at a proper pace so that local industry can match production.	7.14%	2
2	B) Development that meets the needs of the present without compromising the ability of future generations to meet their own needs	60.71%	17
3	C) Setting aside certain resources that are protected from extraction.	0.00%	0
4	D) I don't know.	32.14%	9
			28

Showing rows 1 - 5 of 5

Q2.4 - What is the estimate of students worldwide who will not have access to education in 2030?
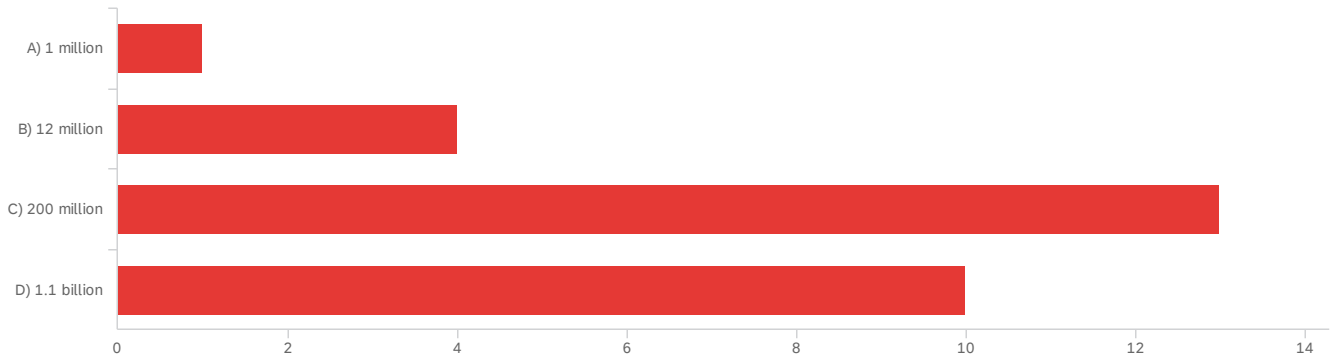
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	What is the estimate of students worldwide who will not have access to education in 2030?	1.00	4.00	3.14	0.79	0.62	28

#	Field	Choice Count	
1	A) 1 million	3.57%	1
2	B) 12 million	14.29%	4
3	C) 200 million	46.43%	13
4	D) 1.1 billion	35.71%	10
			28

Showing rows 1 - 5 of 5

Q2.5 - What is currently the greatest contributing factor to human-caused climate change?
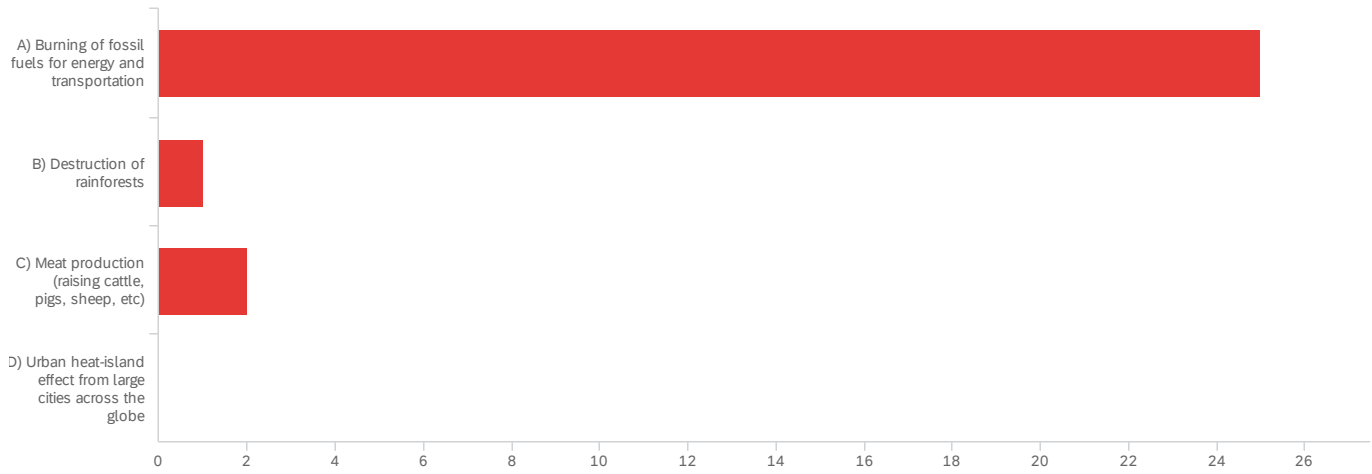
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	What is currently the greatest contributing factor to human-caused climate change?	1.00	3.00	1.18	0.54	0.29	28

| #	Field		Choice Count
1	A) Burning of fossil fuels for energy and transportation	89.29%	25
2	B) Destruction of rainforests	3.57%	1
3	C) Meat production (raising cattle, pigs, sheep, etc)	7.14%	2
4	D) Urban heat-island effect from large cities across the globe	0.00%	0
			28

Showing rows 1 - 5 of 5

## Q2.6 - What was the goal of the "Paris Agreement" developed under the United Nations Framework Convention on Climate Change (UNFCCC) in 2016?
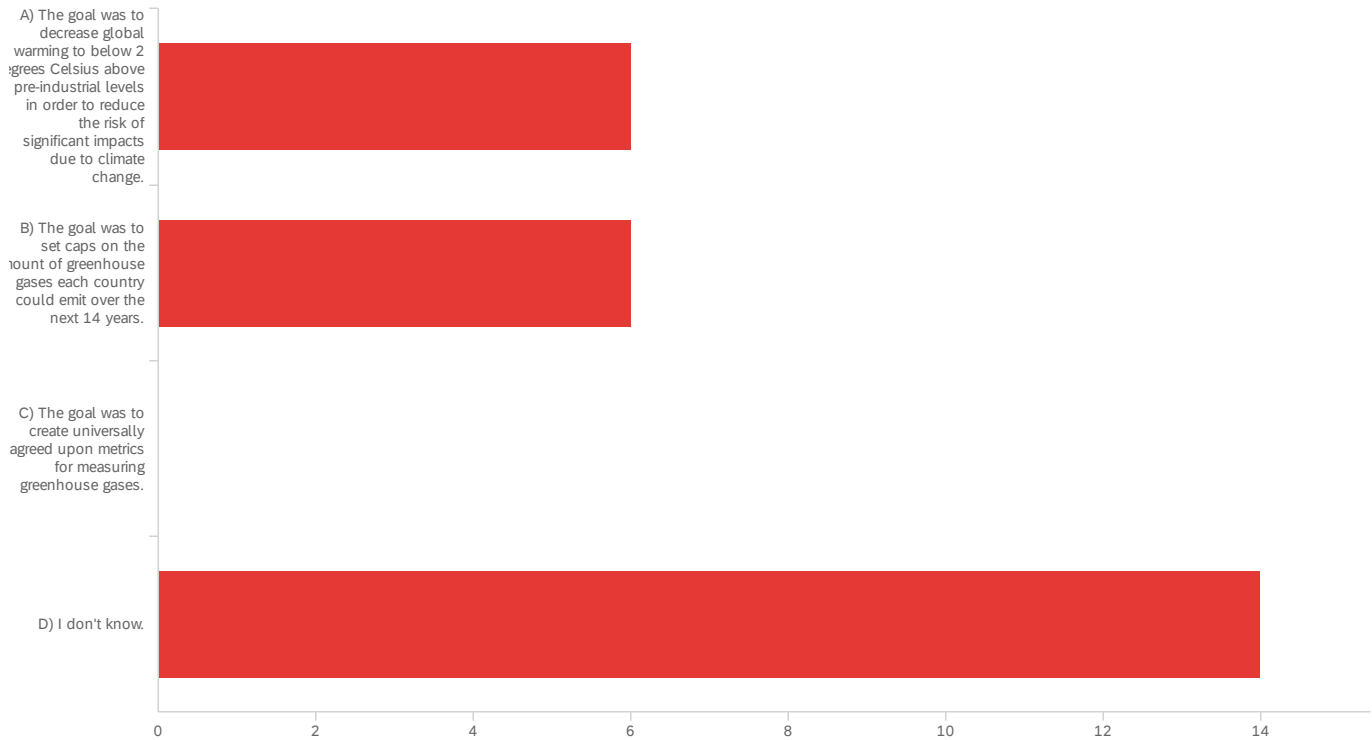
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	What was the goal of the "Paris Agreement" developed under the United Nations Framework Convention on Climate Change (UNFCCC) in 2016?	1.00	4.00	2.85	1.29	1.67	26

#	Field	Choice Count	
1	A) The goal was to decrease global warming to below 2 degrees Celsius above pre-industrial levels in order to reduce the risk of significant impacts due to climate change.	23.08%	6
2	B) The goal was to set caps on the amount of greenhouse gases each country could emit over the next 14 years.	23.08%	6
3	C) The goal was to create universally agreed upon metrics for measuring greenhouse gases.	0.00%	0
4	D) I don't know.	53.85%	14

26

Showing rows 1 - 5 of 5

Q2.7 - What are the "3 pillars of sustainability"?
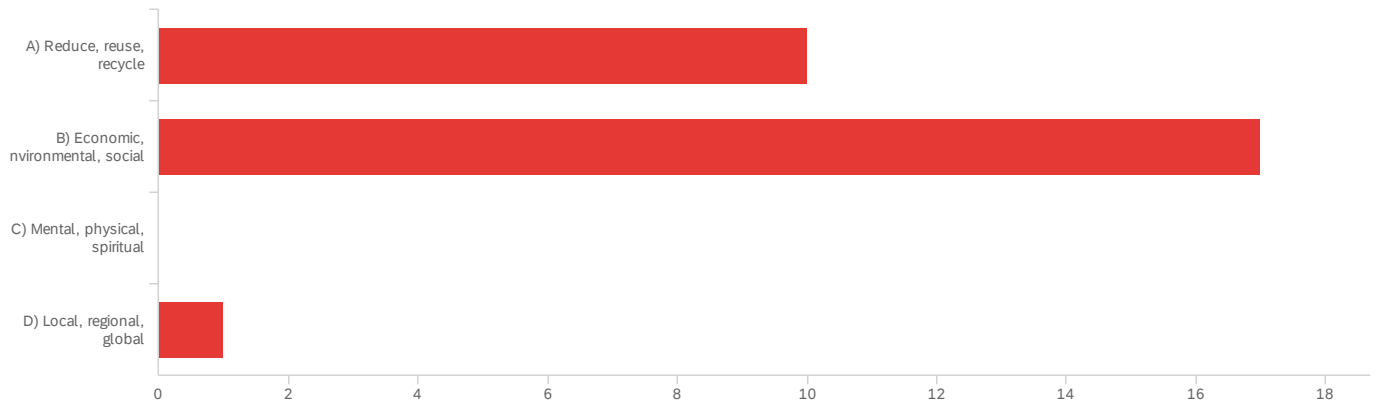
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	What are the "3 pillars of sustainability"?	1.00	4.00	1.71	0.65	0.42	28

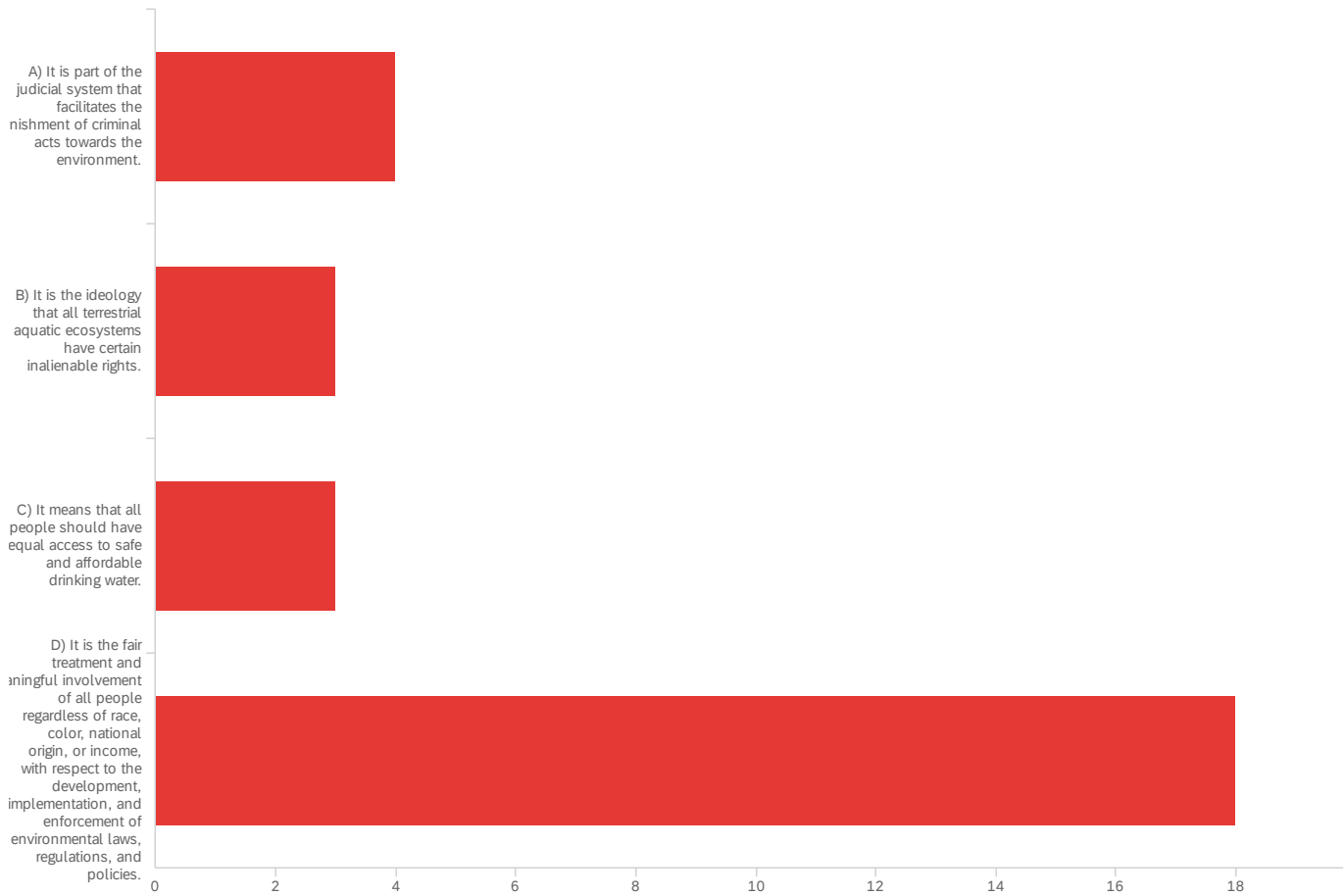| #	Field		Choice Count
1	A) Reduce, reuse, recycle	35.71%	10
2	B) Economic, environmental, social	60.71%	17
3	C) Mental, physical, spiritual	0.00%	0
4	D) Local, regional, global	3.57%	1
			28

Showing rows 1 - 5 of 5

Q2.8 - Climate change has been linked to intensifying natural disasters (floods, droughts, wildfires, etc) which can exacerbate poverty and lead to the loss of access to safe and adequate resources. What is the global estimate of people who could be displaced due to water scarcity by 2030?

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Climate change has been linked to intensifying natural disasters (floods, droughts, wildfires, etc) which can exacerbate poverty and lead to the loss of access to safe and adequate resources. What is the global estimate of people who could be displaced due to water scarcity by 2030?	2.00	4.00	2.82	0.60	0.36	28

#	Field	Choice Count	
1	A) None, all countries have access to developed water sources.	0.00%	0
2	B) 2 billion	28.57%	8
3	C) 700 million	60.71%	17
4	D) 38 million	10.71%	3
			28

Showing rows 1 - 5 of 5

Q2.9 - What is the definition of environmental justice?

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	What is the definition of environmental justice?	1.00	4.00	3.25	1.12	1.26	28

#	Field		Choice Count
1	A) It is part of the judicial system that facilitates the punishment of criminal acts towards the environment.	14.29%	4
2	B) It is the ideology that all terrestrial and aquatic ecosystems have certain inalienable rights.	10.71%	3
3	C) It means that all people should have equal access to safe and affordable drinking water.	10.71%	3
4	D) It is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.	64.29%	18
			28

Showing rows 1 - 5 of 5

Q2.10 - What is Earth Overshoot Day and what are the implications?
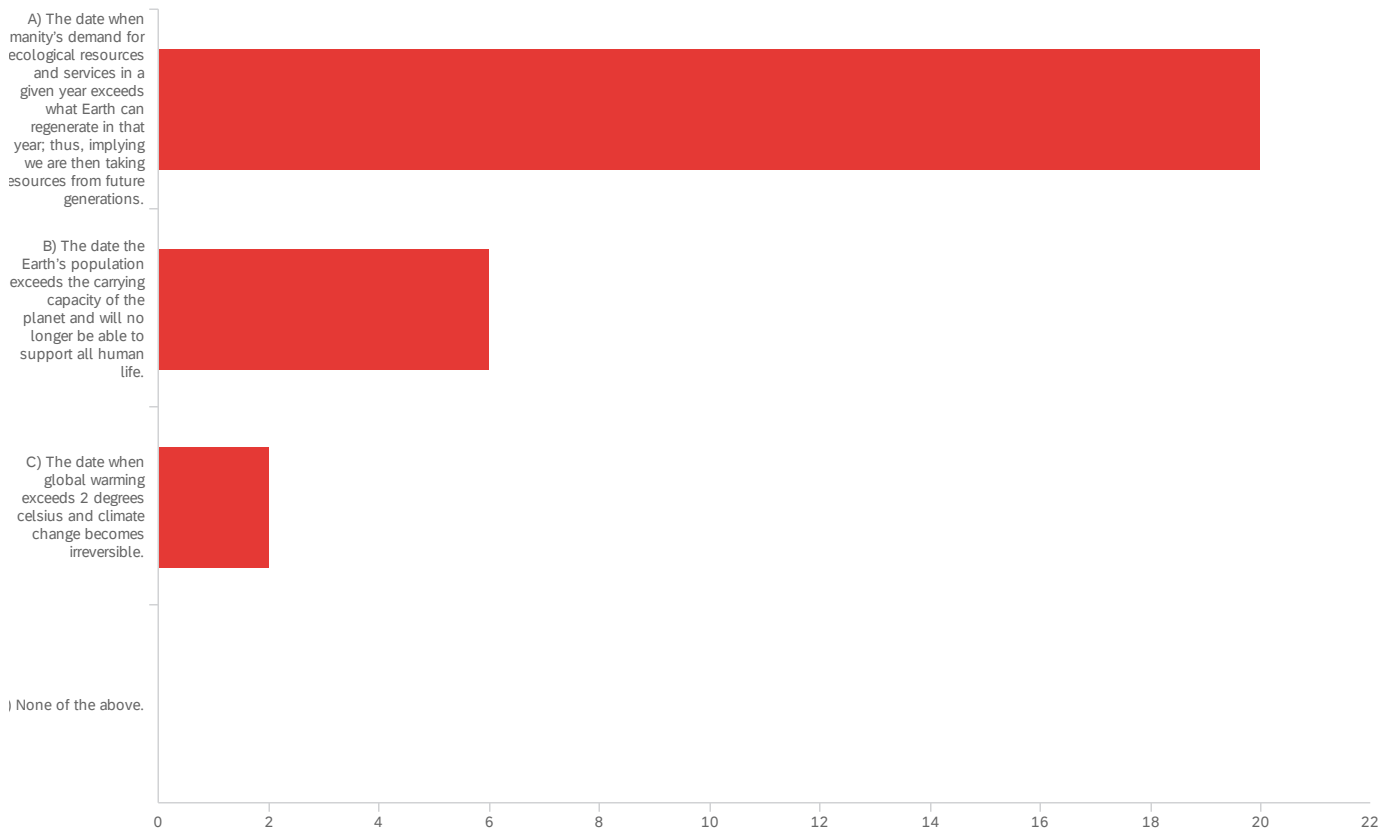
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	What is Earth Overshoot Day and what are the implications?	1.00	3.00	1.36	0.61	0.37	28

#	Field		Choice Count
1	A) The date when humanity's demand for ecological resources and services in a given year exceeds what Earth can regenerate in that year; thus, implying we are then taking resources from future generations.	71.43%	20
2	B) The date the Earth's population exceeds the carrying capacity of the planet and will no longer be able to support all human life.	21.43%	6
3	C) The date when global warming exceeds 2 degrees celsius and climate change becomes irreversible.	7.14%	2
4	D) None of the above.	0.00%	0
			28

Showing rows 1 - 5 of 5

Q2.11 - The United Nations Sustainable Development Goals (SDGs) are a blueprint to overcome many interconnected global challenges. Which of the following is NOT one of the 17 Sustainable Development Goals?
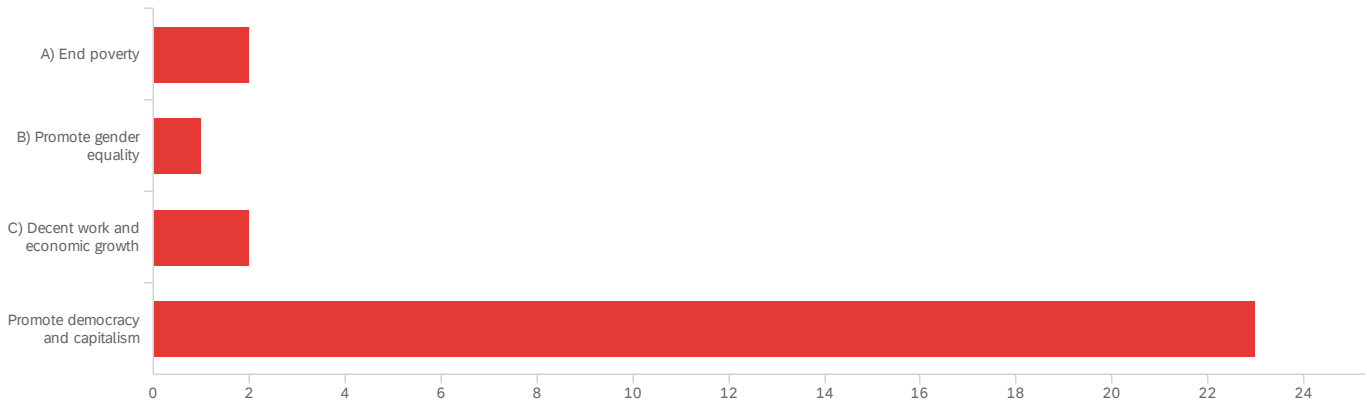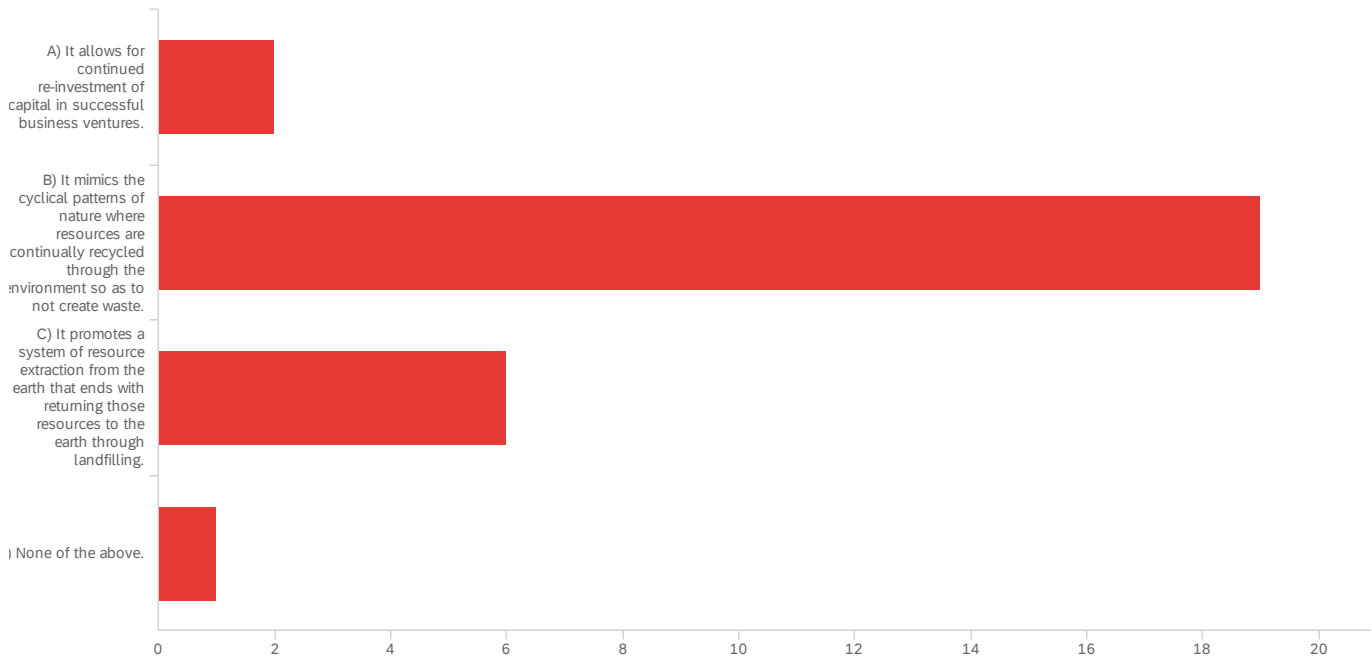

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	The United Nations Sustainable Development Goals (SDGs) are a blueprint to overcome many interconnected global challenges. Which of the following is NOT one of the 17 Sustainable Development Goals?	1.00	4.00	3.64	0.85	0.73	28

#	Field		Choice Count
1	A) End poverty	7.14%	2
2	B) Promote gender equality	3.57%	1
3	C) Decent work and economic growth	7.14%	2
4	D) Promote democracy and capitalism	82.14%	23
			28

Showing rows 1 - 5 of 5

# Q2.12 - Why does sustainability promote concepts like a "circular economy" for industry?

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Why does sustainability promote concepts like a "circular economy" for industry?	1.00	4.00	2.21	0.62	0.38	28

#	Field		Choice Count
1	A) It allows for continued re-investment of capital in successful business ventures.	7.14%	2
2	B) It mimics the cyclical patterns of nature where resources are continually recycled through the environment so as to not create waste.	67.86%	19
3	C) It promotes a system of resource extraction from the earth that ends with returning those resources to the earth through landfilling.	21.43%	6
4	D) None of the above.	3.57%	1
			28

Showing rows 1 - 5 of 5

Q3.2 - Do you know if Virginia Tech has a formal Climate Action Commitment or

Sustainability Plan that addresses sustainability on-campus?
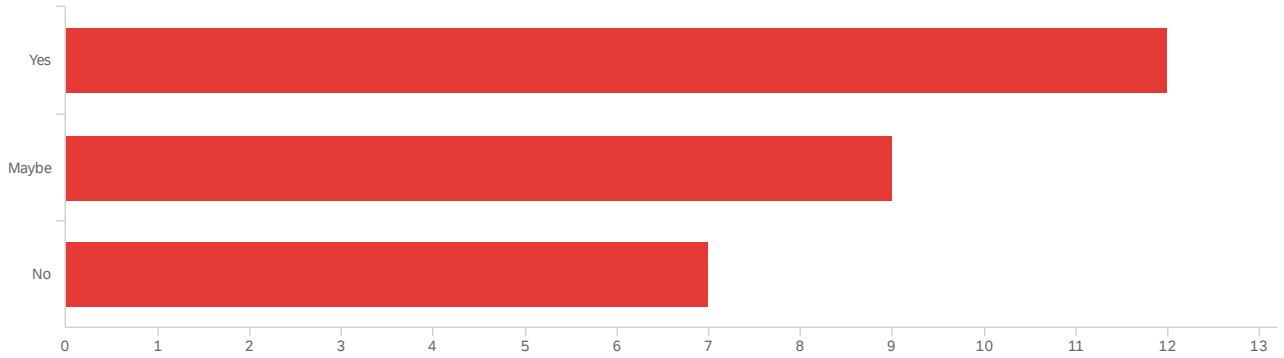
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Do you know if Virginia Tech has a formal Climate Action Commitment or Sustainability Plan that addresses sustainability on-campus?	1.00	3.00	1.82	0.80	0.65	28

#	Field		Choice Count
1	Yes	42.86%	12
2	Maybe	32.14%	9
3	No	25.00%	7
			28

Showing rows 1 - 4 of 4

Q3.3 - Do you consider yourself to be a sustainable citizen?
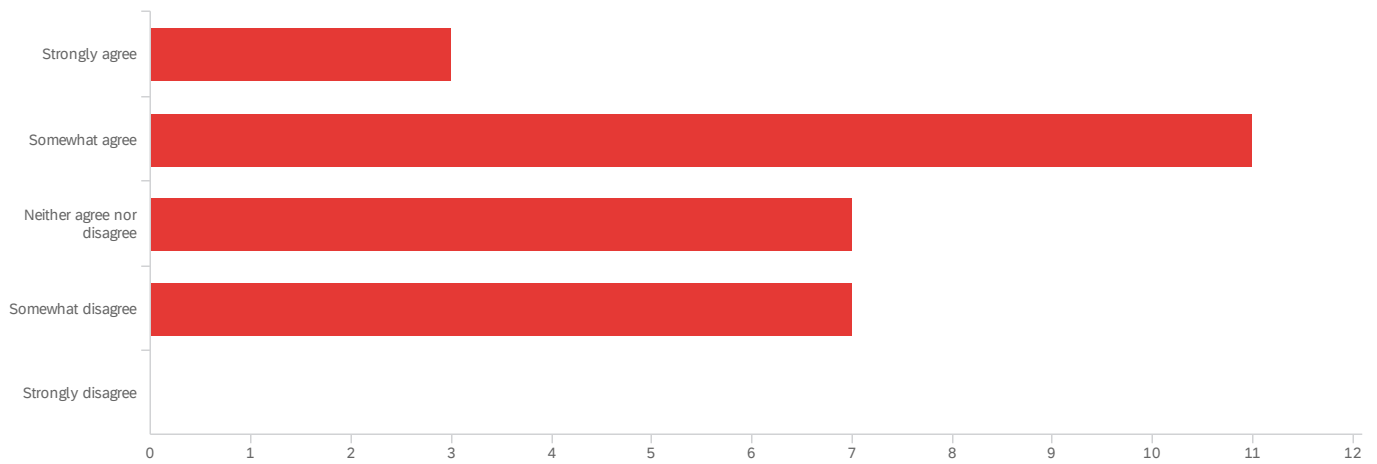
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Do you consider yourself to be a sustainable citizen?	1.00	4.00	2.64	0.97	0.94	28

#	Field	Choice Count	
1	Strongly agree	10.71%	3
2	Somewhat agree	39.29%	11
3	Neither agree nor disagree	25.00%	7
4	Somewhat disagree	25.00%	7
5	Strongly disagree	0.00%	0
			28

Showing rows 1 - 6 of 6

# Q3.4 - Do you believe climate change is a current or upcoming global threat?
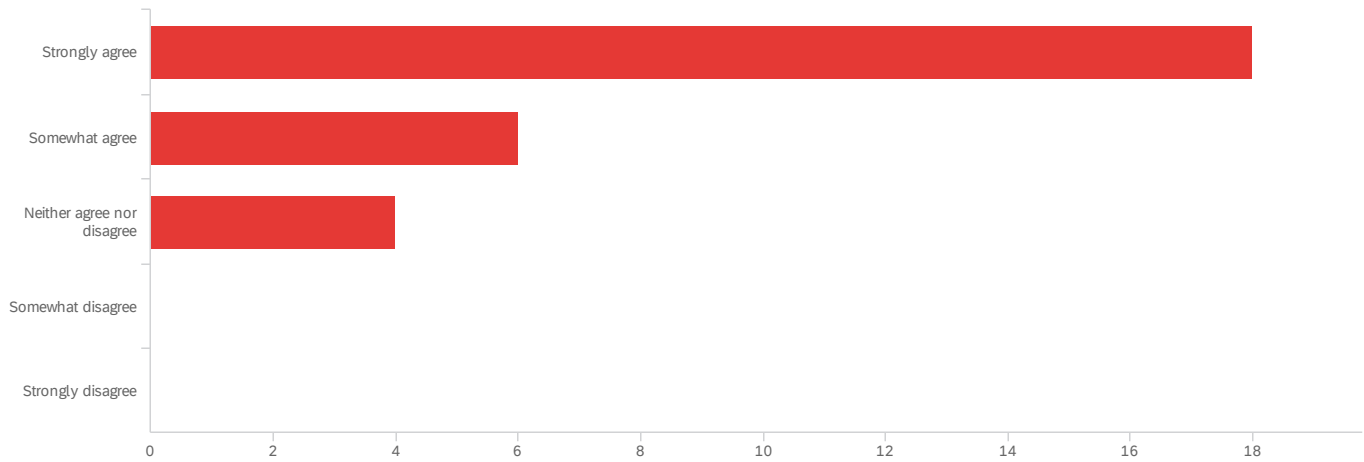
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Do you believe climate change is a current or upcoming global threat?	1.00	3.00	1.50	0.73	0.54	28

#	Field		Choice Count
1	Strongly agree	64.29%	18
2	Somewhat agree	21.43%	6
3	Neither agree nor disagree	14.29%	4
4	Somewhat disagree	0.00%	0
5	Strongly disagree	0.00%	0
			28

Showing rows 1 - 6 of 6

## Q3.5 - Do you believe your daily decisions have an impact on global climate change?
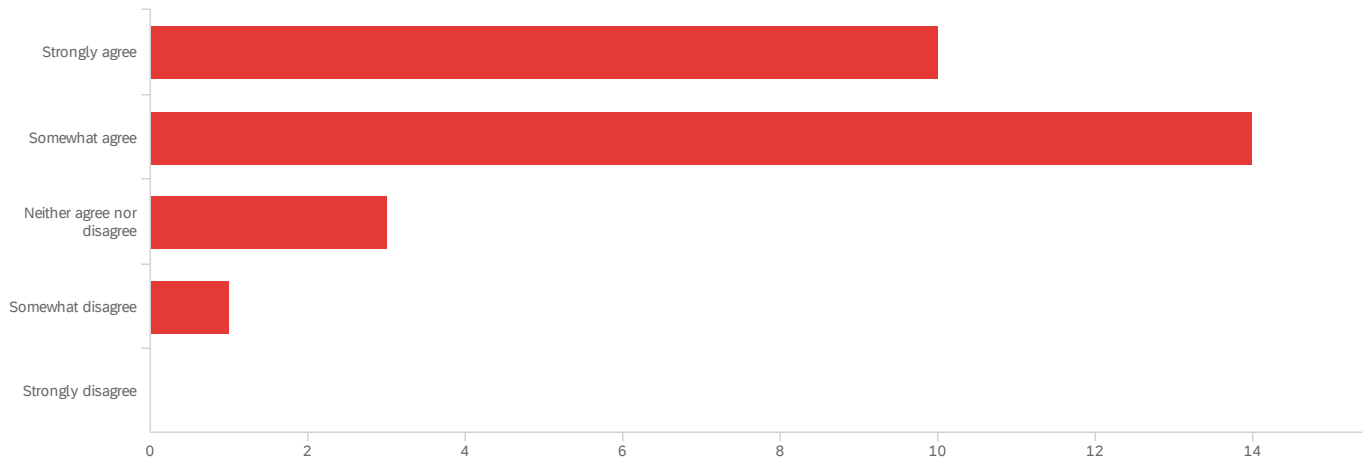
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Do you believe your daily decisions have an impact on global climate change?	1.00	4.00	1.82	0.76	0.58	28

#	Field	Choice Count	
1	Strongly agree	35.71%	10
2	Somewhat agree	50.00%	14
3	Neither agree nor disagree	10.71%	3
4	Somewhat disagree	3.57%	1
5	Strongly disagree	0.00%	0
			28

Showing rows 1 - 6 of 6

Q3.6 - Are you involved in a sustainability-related club, committee, group, or organization on campus or in the Blacksburg community?
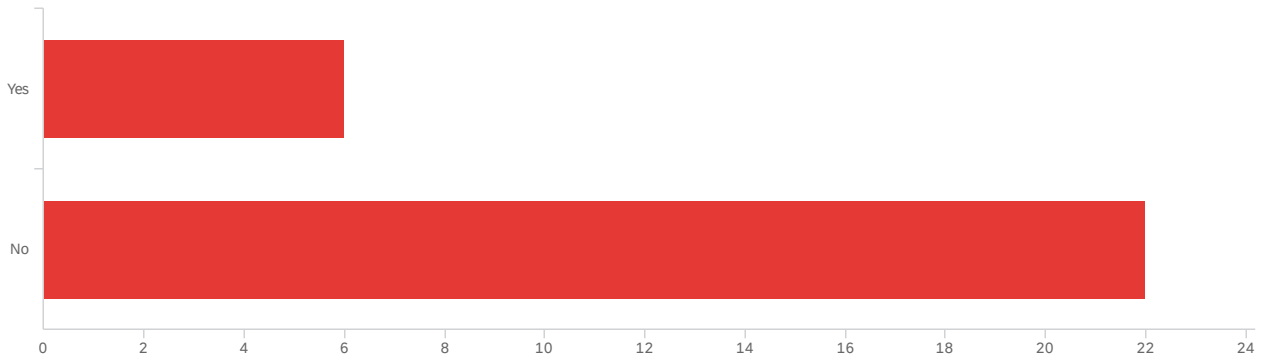
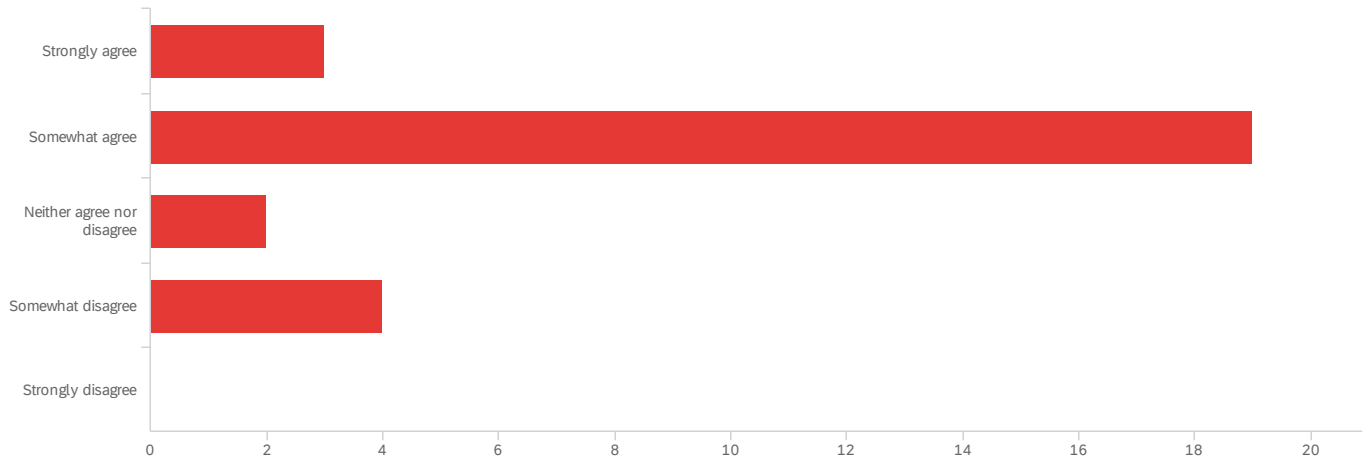| #	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Are you involved in a sustainability-related club, committee, group, or organization on campus or in the Blacksburg community?	1.00	2.00	1.79	0.41	0.17	28

#	Field		Choice Count
1	Yes	21.43%	6
2	No	78.57%	22
			28

Showing rows 1 - 3 of 3

Q3.7 - Do you have a solid understanding of what items can and can't be recycled at Virginia Tech?

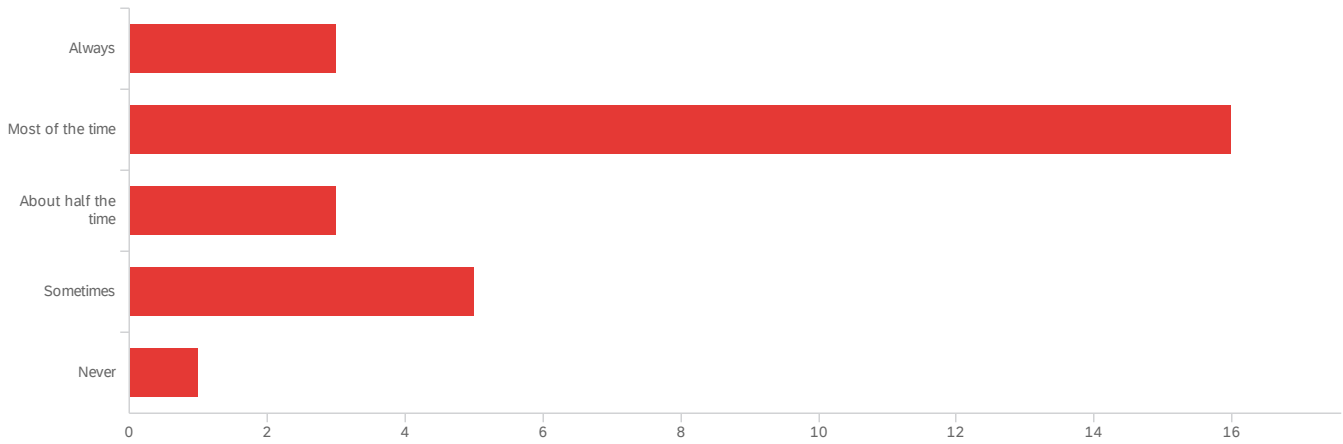| #	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Do you have a solid understanding of what items can and can't be recycled at Virginia Tech?	1.00	4.00	2.25	0.83	0.69	28

#	Field		Choice Count
1	Strongly agree	10.71%	3
2	Somewhat agree	67.86%	19
3	Neither agree nor disagree	7.14%	2
4	Somewhat disagree	14.29%	4
5	Strongly disagree	0.00%	0
			28

Showing rows 1 - 6 of 6

Q3.8 - During the past year, how often did you choose to use a recycling bin to dispose of a recyclable material rather than disposing of it in a trash can?

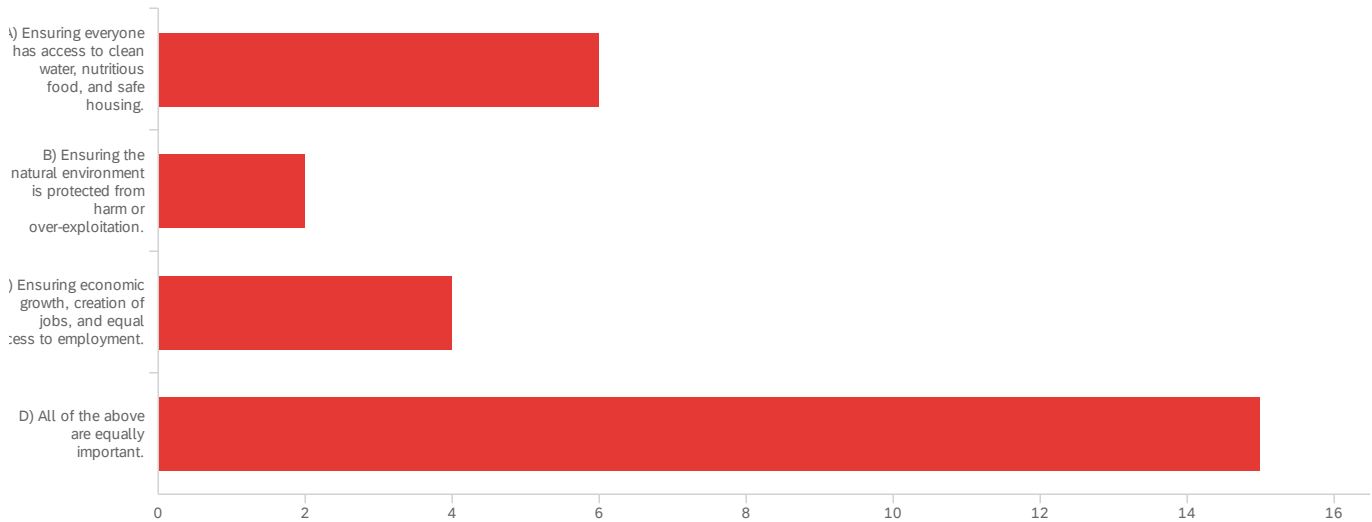| #	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	During the past year, how often did you choose to use a recycling bin to dispose of a recyclable material rather than disposing of it in a trash can?	1.00	5.00	2.46	1.02	1.03	28

#	Field		Choice Count
1	Always	10.71%	3
2	Most of the time	57.14%	16
3	About half the time	10.71%	3
4	Sometimes	17.86%	5
5	Never	3.57%	1
			28

Showing rows 1 - 6 of 6

Q3.9 - People differ in their values, goals, and motivations across society. Please choose the statement below that most accurately reflects the value you find most important:

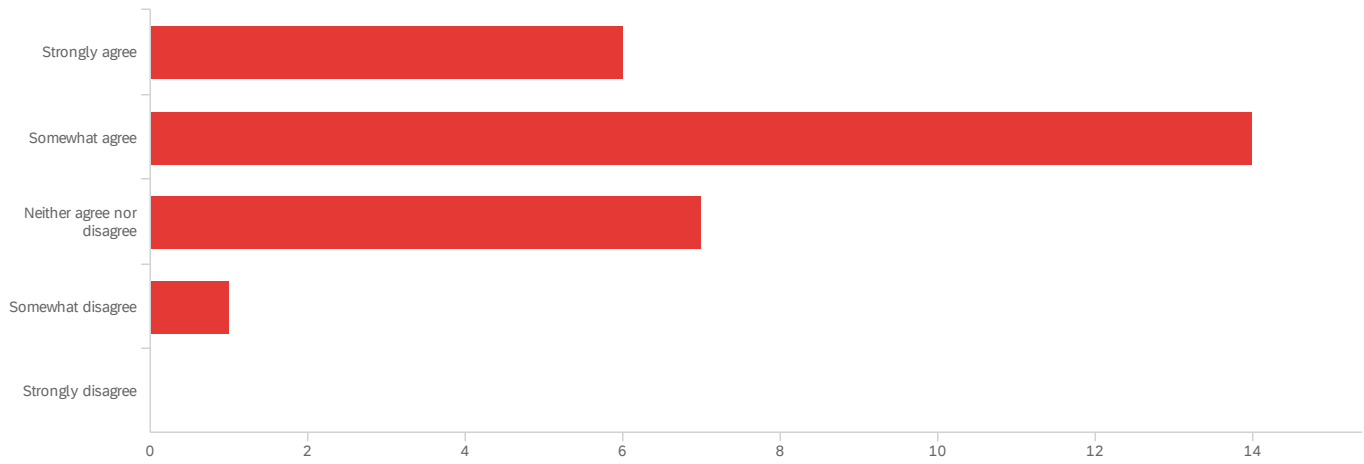| #	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	People differ in their values, goals, and motivations across society. Please choose the statement below that most accurately reflects the value you find most important:	1.00	4.00	3.04	1.23	1.52	27

#	Field		Choice Count
1	A) Ensuring everyone has access to clean water, nutritious food, and safe housing.	22.22%	6
2	B) Ensuring the natural environment is protected from harm or over-exploitation.	7.41%	2
3	C) Ensuring economic growth, creation of jobs, and equal access to employment.	14.81%	4
4	D) All of the above are equally important.	55.56%	15
			27

Showing rows 1 - 5 of 5

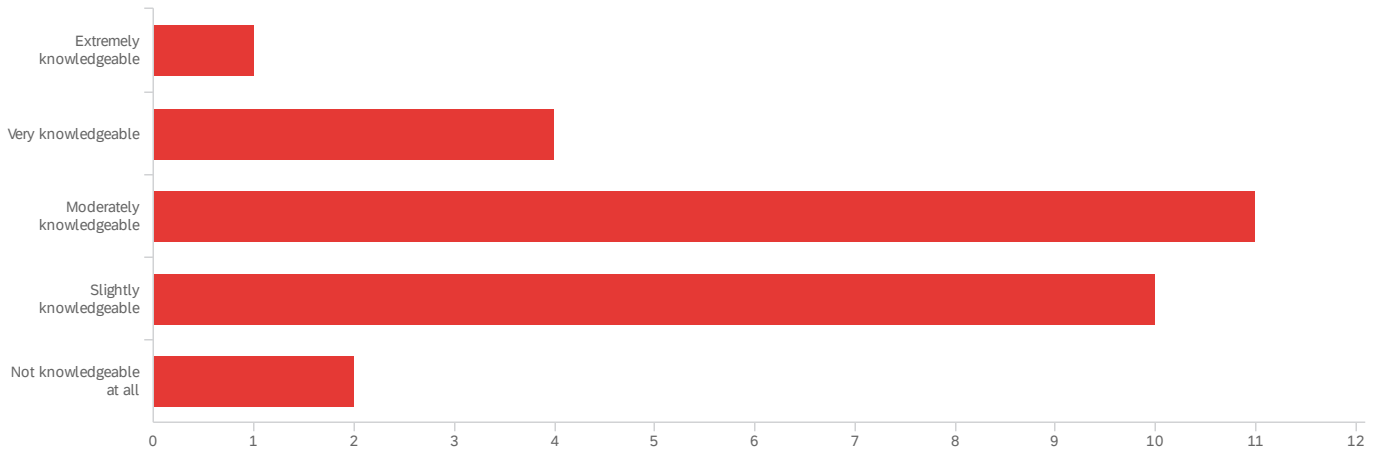# Q3.10 - Is Virginia Tech a leader in sustainability?

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Is Virginia Tech a leader in sustainability?	1.00	4.00	2.11	0.77	0.60	28

#	Field		Choice Count
1	Strongly agree	21.43%	6
2	Somewhat agree	50.00%	14
3	Neither agree nor disagree	25.00%	7
4	Somewhat disagree	3.57%	1
5	Strongly disagree	0.00%	0
			28

Showing rows 1 - 6 of 6

Q3.11 - How would you rate your knowledge of Virginia Tech's sustainability programs, initiatives, and offerings (e.g. LEED buildings, ROAM bike-share, buses, green RFP, student internship program, sustainable dining options, green graduates, recycling, etc)?

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	How would you rate your knowledge of Virginia Tech's sustainability programs, initiatives, and offerings (e.g. LEED buildings, ROAM bike-share, buses, green RFP, student internship program, sustainable dining options, green graduates, recycling, etc)?	1.00	5.00	3.29	0.92	0.85	28

#	Field		Choice Count
1	Extremely knowledgeable	3.57%	1
2	Very knowledgeable	14.29%	4
3	Moderately knowledgeable	39.29%	11
4	Slightly knowledgeable	35.71%	10
5	Not knowledgeable at all	7.14%	2
			28

Showing rows 1 - 6 of 6

Q4.1 - Please enter your email if you would be willing to participate in a follow-up assessment at a later date:

Please enter your email if you would be willing to participate in a follow-...

viverjita@vt.edu

rfs22@vt.edu

oagiarra@vt.edu

alicej2@vt.edu

colem21@vt.edu

nicholasfl24@vt.edu

roshangeorge@vt.edu

maya13@vt.edu

aloce1@vt.edu

juliac00@vt.edu

alysej@vt.edu

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mvfr7@vt.edu

bkmcmahon22@vt.edu

End of Report