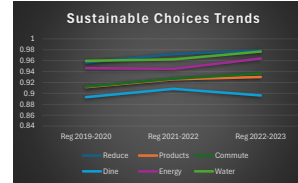


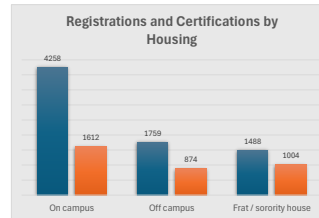
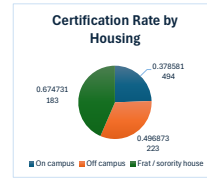
	Certification (0)	Certification (1)	Registration (0)	Registration (1)	Cert1819 (0)	Cert1819 (1)	Cert1920 (0)	Cert1920 (1)	Cert2021 (0)	Cert2021 (1)	Cert2122 (0)	Cert2122 (1)	Cert2223 (0)	Cert2223 (1)	Reg1819 (0)	Reg1819 (1)	Reg1920 (0)	Reg1920 (1)	Reg2021 (0)	Reg2021 (1)	Reg2122 (0)	Reg2122 (1)	Reg2223 (0)	Reg2223 (1)	
Choices reduce	2567		923	2889	4616	1292	0	43	923	-	-	1131	0	101	0	2724	0	97	2138	-	-	58	2016	10	462
Choices products	2623		867	3109	4396	1292	0	99	867	-	-	1131	0	101	0	2724	0	198	2037	-	-	154	1920	33	439
Choices commute	2613		877	3102	4403	1292	0	89	877	-	-	1131	0	101	0	2724	0	196	2039	-	-	152	1922	30	442
Choices dine	2641		849	3202	4303	1292	0	117	849	-	-	1131	0	101	0	2724	0	239	1996	-	-	190	1864	49	423
Choices energy	2580		910	2,975	4530	1292	0	56	910	-	-	1131	0	101	0	2724	0	120	2115	-	-	114	1960	17	455
Choices water	2563		927	2903	4602	1292	0	39	927	-	-	1131	0	101	0	2724	0	90	2145	-	-	78	1996	11	461
Choices awareness	3490		0	7142	363	1292	0	966	0	-	-	1131	0	101	0	2724	0	2235	0	-	-	2074	0	109	363
Choices count (0, 7)	2524		807	2,724	4089	1292	0	25	807	-	-	1131	0	101	0	2724	0	47	1892	-	-	25	1793	1	404

Percent answered yes

	Total certification	Total registered	Cert 1819	Cert 1920	Cert 2122	Cert 2223	Reg 1819	Reg 2019-2020	Reg 2021-2022	Reg 2022-2023
Reduce	0.264460914	0.615056629	0	0.955486542	0	0	0	0.956599553	0.972034716	0.978813559
Products	0.248424069	0.585742638	0	0.897515528	0	0	0	0.911409396	0.925747348	0.930084746
Commute	0.251280398	0.58697555	0	0.907967495	0	0	0	0.912304251	0.926711968	0.936440678
Dine	0.243266476	0.573351099	0	0.878881988	0	0	0	0.893064877	0.908389685	0.896186441
Energy	0.260744986	0.603597602	0	0.942028986	0	0	0	0.946308725	0.945033751	0.963983051
Water	0.265616046	0.613191206	0	0.959627329	0	0	0	0.959731544	0.962391514	0.976694915
Awareness	0	0.048367755	0	0	0	0	0	0	0	0.769067797
Count	0.242268589	0.600176134	0	0.969951923	0	0	0	0.975760701	0.986248625	0.997530864



Housing	On campus	Off campus	Frat / sorority house
Certification	1612	874	1004
Registration	4258	1759	1488
Cert 1819	563	135	594
Cert 1920	500	230	236
Cert 2122	475	489	167
Cert 2223	74	20	7
Reg 1819	1682	250	792
Reg 1920	1286	542	457
Reg 2122	1084	751	239
Reg 2223	256	216	0
Reg to Cert Rate	0.378581494	0.496873223	0.674731183
18-19	0.334720571	0.54	0.75
19-20	0.404530744	0.424354244	0.516411379
21-22	0.438191882	0.651131824	0.69874477
22-23	0.2890625	0.092592593	-



Notes

First broke dataset into certification and registration then also by year
 Ran calculations for all choices over all the years `table(certification$'Choices_Dine'), table(cert1819$'Choices_Dine')` ...
 All those numbers are recorded in the first section
 Then calculated the percentage of the people who answered yes (1) for each choice each year `# answered yes / (# yes + # of nos)`

Also looked at housing statistics based on year `table(certification$'Housing')`
 And the rate of those people certifying `# certified / # registered`

Conclusions

Lower registration numbers for fraternity and sorority houses but higher certification rates
 Assuming they want higher certification rates (shows commitment to the program), they should target frats and sororities more - potentially partner w them
 Hard to get much trend info bc missing a lot of info from certain years