

Summary of GVSU Emissions Inventory FY2022
 Created using SIMAP

Categories

Fiscal Year	Scope	Source	CO2 (kg)	CO2 (MTCDE)	CH4 (kg)	CH4 (MTCDE)	N2O (kg)	N2O (MTCDE)	GHG MTCDE
2022	1	Other On-Campus Stationary	17,244,563	17,244.56	1,720	48.17	35	9.19	17,301.93
2022	2	Purchased Electricity	33,140,762	33,140.76	390	10.92	2,813	745.43	33,897.11
2022	2	Purchased Steam / Chilled Water	1,337,928	1,337.93	149	4.18	7	1.84	1,343.95
2022	3	FERA	4,048,058	4,048.06	171,479	4,801.42	181	47.83	8,897.31

Scopes

Fiscal Year	Scope	CO2 (kg)	CH4 (kg)	N2O (kg)	GHG MTCDE
2022	1	17,244,563	1,720	35	17,301.93
2022	2	34,478,690	539	2,820	35,241.05
2022	3	4,048,058	171,479	181	8,897.31

Totals

Fiscal Year	CO2 (kg)	CH4 (kg)	N2O (kg)	Gross MTCDE	Offsets (MTCDE)	Compost (MTCDE)	Non-Additional Sequestration (MTCDE)	Biogenic (MT CO2)	Net MTCDE
2022	55,771,312	173,739	3,035	61,440.29	0.00	0.00	0.00	0.00	61,440.29