

**Center for Sustainable Development
FY19 Greenhouse Gas Emissions Inventory**

Fiscal Year	Scope	Source	CO2 (kg)	CO2 (MTCDE)	CH4 (kg)	CH4 (MTCDE)	N2O (kg)	N2O (MTCDE)	GHG MTCDE
2019	1	Other On-Campus Stationary	2,964,564	2,964.56	313	8.75	9	2.28	2,975.60
2019	1	Direct Transportation	91,274	91.27	17	0.49	6	1.56	93.33
2019	1	Refrigerants & Chemicals	0	0	0	0	0	0	559.52
2019	1	Fertilizer & Animals	0	0	284	7.95	28	7.49	15.44
2019	2	Purchased Electricity	23,835,079	23,835.08	1,983	55.53	326	86.28	23,976.88
2019	3	Directly Financed Air Travel	4,781,260	4,781.26	47	1.33	55	14.45	4,797.03
2019	3	Other Directly Financed Travel	200,892	200.89	42	1.18	14	3.75	205.82
2019	3	Study Abroad Air Travel	5,467,352	5,467.35	54	1.52	62	16.52	5,485.39
2019	3	Solid Waste	0	0	71,114	1,991.19	0	0	1,991.19
2019	3	Wastewater	0	0	0	0	209	55.36	55.36
2019	3	Paper Purchasing	0	0	0	0	0	0	115.66
2019	3	T&D Losses	1,120,506	1,120.51	93	2.61	15	4.06	1,127.17

Fiscal Year	Scope	CO2 (kg)	CH4 (kg)	N2O (kg)	GHG MTCDE
2019	1	3,055,838	614	43	3,643.88
2019	2	23,835,079	1,983	326	23,976.88
2019	3	11,570,010	71,351	355	13,777.62

Fiscal Year	CO2 (kg)	CH4 (kg)	N2O (kg)	Gross MTCDE	Offsets (MTCDE)	Compost (MTCDE)	Non-Additional S	Biogenic (MTCDE)	Net MTCDE
2019	38,460,927	73,948	724	41,398.38	0	0	0	0	41,398.38

