

18_19 GHG Results Summary

Fiscal Year	Scope	CO2 (kg)	CH4 (kg)	N2O (kg)	GHG MTCDE
2019	1	5,700,624	556	17	5,719.63
2019	2	3,352,088	215	25	3,365.02
2019	3	4,153,456	6,702	104	4,351.94

Fiscal Year	Scope	Source	Quantity	Unit	CO2 (kg)	CO2 (MTCDE)	Biogenic (MTCDE)	CH4 (kg)	CH4 (MTCDE)	N2O (kg)	N2O (MTCDE)	GHG MTCDE
2019	N/A	Sinks: Compost: Dining Waste	2	short ton	0	0.00	0.00	0	0.00	0	0.00	-0.68
2019	1	Direct Transportation Sources: University Fleet: B20 Fleet	1,658	US gallon	13,292	13.29	3.32	0	0.00	0	0.02	13.31
2019	1	Direct Transportation Sources: University Fleet: Diesel Fleet	3,588	US gallon	36,468	36.47	0.00	0	0.00	0	0.03	36.50
2019	1	Direct Transportation Sources: University Fleet: Gasoline Fleet	19,548	US gallon	167,843	167.84	0.00	9	0.23	6	1.75	169.82
2019	1	On-Campus Stationary Sources: LPG (Propane)	3,816	US gallon	19,713	19.71	0.00	3	0.08	0	0.06	19.86
2019	1	On-Campus Stationary Sources: Natural Gas	99,955	MMBtu	5,299,619	5,299.62	0.00	527	13.18	11	3.14	5,315.94
2019	1	Cogeneration: Natural Gas	3,087	MMBtu	163,689	163.69	0.00	16	0.41	0	0.10	164.19
2019	1	On-Campus Stationary Sources: Solar - Electric (RECs sold)	31,607	kWh	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2019	2	Electricity, Steam, and Chilled Water: Electricity	13,958,852	kWh	3,352,088	3,352.09	0.00	215	5.38	25	7.55	3,365.02
2019	3	Commuting: Faculty Commuting: Automobile	612,288	vehicle mile	218,351	218.35	0.00	12	0.29	8	2.28	220.93
2019	3	Commuting: Faculty Commuting: Bike	23,622	passenger mile	0	0.00	0.00	0	0.00	0	0.00	0.00
2019	3	Commuting: Faculty Commuting: Carpool	143,540	vehicle mile	25,594	25.59	0.00	1	0.03	1	0.27	25.90
2019	3	Commuting: Faculty Commuting: Public Bus	34,462	passenger mile	11,317	11.32	0.00	0	0.00	0	0.01	11.33
2019	3	Commuting: Faculty Commuting: Walk	6,507	passenger mile	0	0.00	0.00	0	0.00	0	0.00	0.00
2019	3	Commuting: Staff Commuting: Automobile	969,499	vehicle mile	345,738	345.74	0.00	19	0.47	12	3.61	349.82
2019	3	Commuting: Staff Commuting: Bike	37,403	passenger mile	0	0.00	0.00	0	0.00	0	0.00	0.00
2019	3	Commuting: Staff Commuting: Carpool	227,281	vehicle mile	40,526	40.53	0.00	2	0.05	1	0.42	41.00
2019	3	Commuting: Staff Commuting: Public Bus	54,567	passenger mile	17,920	17.92	0.00	1	0.02	0	0.02	17.96
2019	3	Commuting: Staff Commuting: Walk	10,303	passenger mile	0	0.00	0.00	0	0.00	0	0.00	0.00
2019	3	Commuting: Student Commuting: Automobile	4,866,384	vehicle mile	1,735,425	1,735.43	0.00	94	2.34	61	18.13	1,755.89
2019	3	Commuting: Student Commuting: Bike	181,351	passenger mile	0	0.00	0.00	0	0.00	0	0.00	0.00
2019	3	Commuting: Student Commuting: Carpool	1,007,099	vehicle mile	179,573	179.57	0.00	10	0.24	6	1.88	181.69
2019	3	Commuting: Student Commuting: Public Bus	950,489	passenger mile	312,140	312.14	0.00	1	0.02	1	0.28	312.44
2019	3	Commuting: Student Commuting: Walk	382,176	passenger mile	0	0.00	0.00	0	0.00	0	0.00	0.00
2019	3	Directly Financed Outsourced Travel: Air: Faculty / Staff	2,503,837	passenger mile	1,098,078	1,098.08	0.00	12	0.30	12	3.66	1,102.03
2019	3	Electricity, Steam, and Chilled Water: T&D Losses	13,927,245	kWh	168,794	168.79	0.00	11	0.27	1	0.38	169.45
2019	3	Solid Waste: Landfilled Waste: CH4 Recovery and Flaring	527	short ton	0	0.00	0.00	6,540	163.50	0	0.00	163.50