

University of St. Thomas Greenhouse Gas Emissions Inventory

Fiscal Year 2019: July 1, 2018 - June 30, 2019

Emissions by Source

| Fiscal Year | Scope | Source | CO2 (kg) | CO2 (MTCDE) | CH4 (kg) | CH4 (MTCDE) | N2O (kg) | N2O (MTCDE) | GHG MTCDE |
|-------------|-------|---------------------------------|------------|-------------|----------|-------------|----------|-------------|-----------|
| 2019 | 1 | Other On-Campus Stationary | 9,578,994 | 9,578.99 | 964 | 24.11 | 21 | 6.2 | 9,609.30 |
| 2019 | 1 | Direct Transportation | 94,426 | 94.43 | 16 | 0.4 | 6 | 1.65 | 96.47 |
| 2019 | 2 | Purchased Electricity | 19,025,174 | 19,025.17 | 2,249 | 56.22 | 325 | 96.96 | 19,178.36 |
| 2019 | 2 | Purchased Steam / Chilled Water | 1,560,662 | 1,560.66 | 174 | 4.36 | 8 | 2.41 | 1,567.42 |
| 2019 | 3 | Faculty Commuting | 125,604 | 125.6 | 23 | 0.56 | 8 | 2.3 | 128.46 |
| 2019 | 3 | Staff Commuting | 129,527 | 129.53 | 25 | 0.63 | 9 | 2.55 | 132.71 |
| 2019 | 3 | Student Commuting | 363,820 | 363.82 | 69 | 1.73 | 24 | 7.01 | 372.56 |
| 2019 | 3 | Directly Financed Air Travel | 4,523,476 | 4,523.48 | 45 | 1.12 | 52 | 15.37 | 4,539.96 |
| 2019 | 3 | Study Abroad Air Travel | 4,732,086 | 4,732.09 | 47 | 1.17 | 54 | 16.08 | 4,749.33 |
| 2019 | 3 | Solid Waste | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2019 | 3 | Wastewater | 0 | 0 | 9,731 | 243.28 | 68 | 20.18 | 263.45 |
| 2019 | 3 | T&D Losses | 995,003 | 995 | 118 | 2.94 | 17 | 5.07 | 1,003.01 |

Emissions by Scope

| Fiscal Year | Scope | CO2 (kg) | CH4 (kg) | N2O (kg) | GHG MTCDE |
|-------------|-------|------------|----------|----------|-----------|
| 2019 | 1 | 9,673,420 | 980 | 26 | 9,705.78 |
| 2019 | 2 | 20,585,836 | 2,423 | 333 | 20,745.79 |
| 2019 | 3 | 10,869,516 | 10,058 | 230 | 11,189.50 |

Total Greenhouse Gas Emissions

| Fiscal Year | CO2 (kg) | CH4 (kg) | N2O (kg) | Gross MTCDE | Offsets (MTCDE) | Compost (MTCDE) | Non-Additional Sequestration (MTCDE) | Biogenic (MTCDE) | Net MTCDE |
|-------------|------------|----------|----------|-------------|-----------------|-----------------|--------------------------------------|------------------|-----------|
| 2019 | 41,128,772 | 13,461 | 590 | 41,641.06 | 0 | 0 | 0 | 2.85 | 41,641.06 |