



Carbon Footprint Report

Fiscal year: 2017/18

Calculator Tool: SiMAP

| Fiscal Year | Scope | Source | CO2 | | CH4 | | N2O | | GHG |
|-------------|-------|--------------------------------|-----------|----------|------|---------|------|---------|----------|
| | | | (kg) | (MTCDE) | (kg) | (MTCDE) | (kg) | (MTCDE) | MTCDE |
| 2018 | 1 | Other On-Campus Stationary | 2,368,959 | 2,368.96 | 236 | 5.89 | 5 | 1.4 | 2,376.26 |
| 2018 | 1 | Direct Transportation | 62,952 | 62.95 | 11 | 0.28 | 4 | 1.16 | 64.39 |
| 2018 | 1 | Refrigerants & Chemicals | 0 | 0 | 0 | 0 | 0 | 0 | 48.06 |
| 2018 | 1 | Fertilizer & Animals | 0 | 0 | 0 | 0 | 17 | 5.12 | 5.12 |
| 2018 | 2 | Purchased Electricity | 3,059,905 | 3,059.91 | 415 | 10.39 | 60 | 17.8 | 3,088.10 |
| 2018 | 3 | Faculty Commuting | 164,452 | 164.45 | 35 | 0.86 | 12 | 3.44 | 168.76 |
| 2018 | 3 | Staff Commuting | 455,825 | 455.82 | 96 | 2.4 | 32 | 9.56 | 467.79 |
| 2018 | 3 | Student Commuting | 845,198 | 845.2 | 175 | 4.38 | 59 | 17.51 | 867.08 |
| 2018 | 3 | Directly Financed Air Travel | 156,337 | 156.34 | 2 | 0.04 | 2 | 0.53 | 156.91 |
| 2018 | 3 | Other Directly Financed Travel | 240,655 | 240.66 | 259 | 6.48 | 116 | 34.62 | 281.75 |
| 2018 | 3 | Study Abroad Air Travel | 325,717 | 325.72 | 3 | 0.08 | 4 | 1.11 | 326.9 |
| 2018 | 3 | Solid Waste | -1,988 | -1.99 | 0 | 0 | 0 | 0 | -1.99 |
| 2018 | 3 | Paper Purchasing | 0 | 0 | 0 | 0 | 0 | 0 | 24.39 |
| 2018 | 3 | T&D Losses | 160,031 | 160.03 | 22 | 0.54 | 3 | 0.93 | 161.51 |

| Fiscal Year | Scope | CO2 (kg) | CH4 (kg) | N2O (kg) | GHG MTCDE |
|-------------|-------|-----------|----------|----------|-----------|
| 2018 | 1 | 2,431,911 | 247 | 26 | 2,493.83 |
| 2018 | 2 | 3,059,905 | 415 | 60 | 3,088.10 |
| 2018 | 3 | 2,346,227 | 591 | 227 | 2,453.10 |

| Fiscal Year | CO2 (kg) | CH4 (kg) | N2O (kg) | Gross MTCDE | Offsets (MTCDE) | Compost (MTCDE) | Non-Biogenic Addition (MTCDE) | Biogenic (MTCDE) | Net MTCDE |
|-------------|-----------|----------|----------|-------------|-----------------|-----------------|-------------------------------|------------------|-----------|
| 2018 | 7,838,044 | 1,254 | 313 | 8,035.02 | 0 | 0 | 47.76 | 0 | 8,035.02 |