



**Center for Sustainability**

Santa Clara University

Source	CO2 (kg)	CO2 (MTCDE)	CH4 (kg)	CH4 (MTCDE)	N2O (kg)	N2O (MTCDE)	GHG MTCDE
<b>SCOPE 1</b>							
Other On-Campus Stationary	5,525,524	5,526	551	15	11	3	5,544
Direct Transportation	98,750	99	5	0	3	1	100
Fertilizer & Animals	0	0	0	0	0	0	0
<b>SCOPE 1 TOTAL</b>	<b>5,624,274</b>	<b>5,624</b>	<b>556</b>	<b>16</b>	<b>14</b>	<b>4</b>	<b>5,644</b>
<b>SCOPE 2</b>							
Purchased Electricity (Location Based)	7,285,115	7,285	57	2	454	120	7,407
Purchased Electricity (Market Based)	0	0	0	0	0	0	0
<b>SCOPE 2 TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SCOPE 3</b>							
Faculty Commuting	1,254,904	1,255	67	2	42	11	1,268
Staff Commuting	1,339,740	1,340	70	2	45	12	1,354
Student Commuting	1,483,796	1,484	80	2	50	13	1,499
Solid Waste	0	0	1,970	55	0	0	55
T&D Losses	510,228	510	3	0	25	7	517
Directly Financed Air Travel	504,192	504	6	0	6	2	506
<b>SCOPE 3 TOTAL</b>	<b>5,092,860</b>	<b>5,093</b>	<b>2,196</b>	<b>61</b>	<b>168</b>	<b>45</b>	<b>5,199</b>
<b>TOTAL GROSS GHG EMISSIONS</b>	<b>10,717,134</b>	<b>10,717</b>	<b>2,752</b>	<b>77</b>	<b>182</b>	<b>49</b>	<b>10,843</b>

SINKS	GHG MTCDE
Third-party verified carbon offsets purchased	-5,545
On-Site Composting	0
Non-Additional Sequestration	0
<b>TOTAL NET GHG EMISSIONS (SCOPES 1 &amp; 2)</b>	<b>99</b>
<b>TOTAL NET GHG EMISSIONS</b>	<b>5,298</b>