

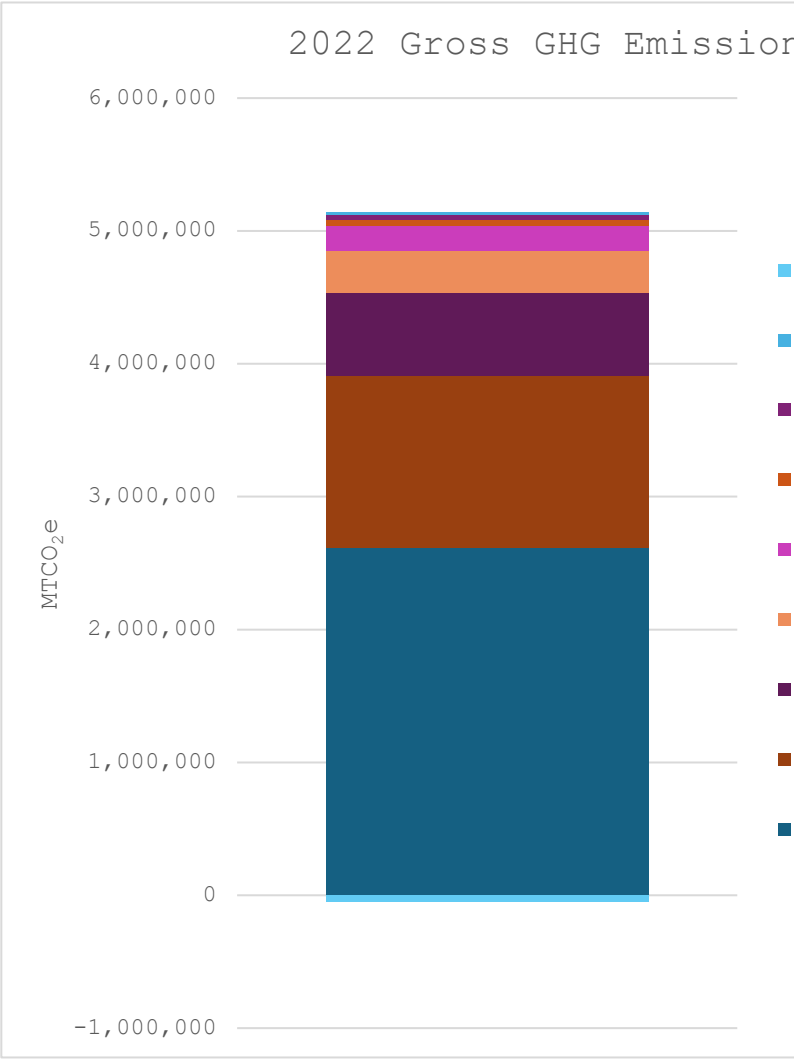
## DRAFT 2022 GHG Inventory for San Joaquin Region

<b>Sector and Activity Type</b>	<b>MTCO<sub>2</sub>e</b>
<b>Transportation</b>	<b>2,613,184</b>
On-Road Fuel Use	2,046,236
Other Off-Road	491,942
Freight Rail	32,822
Waterborne Craft	29,529
Aviation	12,608
Passenger Rail	46
<b>Agriculture</b>	<b>1,298,221</b>
Livestock	1,265,230
Crop Agriculture	32,991
<b>Residential Energy</b>	<b>618,051</b>
Electricity	125,150
Natural Gas	492,901
<b>Commercial Energy</b>	<b>315,944</b>
Electricity	127,119
Natural Gas	188,825
<b>Solid Waste</b>	<b>196,233</b>
Landfilled Waste	180,897
Composted Waste	15,336
<b>Process and Fugitive Emissions</b>	<b>42,444</b>
Fugitive Natural Gas Distribution	22,075
Glass Production Processes	20,369
<b>Industrial Energy</b>	<b>40,396</b>
Electricity	40,396
<b>Water and Wastewater</b>	<b>19,170</b>
Potable Water Use	1,031
Wastewater Treatment and Discharge	18,139
<b>Forest and Trees</b>	<b>-49,928</b>
Forests and Tree Emissions	170,494
Forest and Tree Removals	-220,422
<b>Gross Emissions (Excluding Forest and Trees)</b>	<b>5,143,642</b>
<b>Net Emissions (Including Forests and Trees)</b>	<b>5,093,714</b>

Totals may not sum due to rounding

Electricity emissions calculated using the market-based method

% of Gross Emissions
50.8%
39.8%
9.6%
0.6%
0.6%
0.2%
0.0%
25.2%
24.6%
0.6%
12.0%
2.4%
9.6%
6.1%
2.5%
3.7%
3.8%
3.5%
0.3%
0.8%
0.4%
0.4%
0.8%
0.8%
0.4%
0.0%
0.4%
100.0%



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| Forest and Trees

| Water and Wastewater

| Industrial Energy

| Process and Fugitive  
Emissions

| Solid Waste

| Commercial Energy

| Residential Energy

| Agriculture

| Transportation