



# 2008 Emissions-Austin CSA

## Overall Picture

Source Category	NO <sub>x</sub> Emissions (tpd)	NO <sub>x</sub> %	VOC Emissions (tpd)	VOC %
On-Road	61.14	49%	32.32	23%
Non-Road	28.88	23%	20.17	14%
Area	10.55	8%	87.83	62%
Point	23.89	19%	2.46	2%
<b>Total</b>	<b>124.46</b>	<b>100%</b>	<b>142.78</b>	<b>100%</b>

## On-Road Sources

Source Category	NO <sub>x</sub> Emissions (tpd)	VOC Emissions (tpd)
Heavy Duty Diesel Buses & Transit	1.86	0.12
Heavy Duty Diesel Vehicles	27.76	1.20
Heavy Duty Gasoline Vehicles	1.94	0.47
Light Duty Diesel Trucks	0.03	0.02
Light Duty Diesel Vehicles	0.02	0.01
Light Duty Gasoline Trucks	11.47	9.80
Light Duty Gasoline Vehicles	18.00	20.54
Motorcycles	0.05	0.15
<b>Total</b>	<b>61.14</b>	<b>32.32</b>

## Non-Road Sources

Source Category	NO <sub>x</sub> Emissions (tpd)	VOC Emissions (tpd)
Agriculture	6.78	0.78
Aviation	3.07	1.31
Commercial Equipment	1.34	2.37
Construction and Mining	11.45	2.14
Industrial Equipment	3.76	0.89
Lawn and Garden	0.58	5.26
Locomotive and Rail	1.53	0.05
O&G Exploration and Production	0.18	0.01
Recreational	0.15	6.47
Recreational Marine	0.06	0.89
<b>Total</b>	<b>28.88</b>	<b>20.17</b>

## Area Sources

Source	NO <sub>x</sub> Emissions	VOC Emissions
Aircraft Refueling	0.00	0.90
Architectural Coatings	0.00	6.49
Asphalt	0.00	1.09
Auto Refinishing	0.00	0.94
Commercial/Institutional Fuel Combustion	1.79	0.01
Consumer/Commercial Products	0.00	15.94
Degreasing	0.00	2.46
Food Production & Preparation	0.00	0.18
Gasoline Stations	0.00	9.42
Industrial Fuel Combustion	3.81	0.13
Industrial/Commercial Solvent Use	0.00	30.30
Oil and Gas Production	3.67	14.76
Other	0.03	0.83
Other Petroleum Products	0.00	0.06
Portable Gas Cans	0.00	2.00
Residential Fuel Combustion	0.89	0.04
Traffic Markings	0.00	0.49
Waste Disposal	0.33	1.81
<b>Total</b>	<b>10.53</b>	<b>87.83</b>

## Point Sources

<b>Source Category</b>	<b>NOX (tpd)</b>	<b>VOC (tpd)</b>
<b>BRICK AND STRUCTURAL CLAY TILE</b>	0.10	0.07
<b>CEMENT, HYDRAULIC</b>	6.63	0.54
<b>COLLEGES AND UNIVERSITIES, NEC</b>	0.05	0.003
<b>COMMERCIAL PHYSICAL AND BIOLOGICAL RESEARCH</b>	0.11	0.03
<b>CRUDE PETROLEUM &amp; NATURAL GAS</b>	0.002	0.06
<b>ELECTRIC SERVICES</b>	12.80	0.61
<b>LABORATORY APPARATUS AND FURNITURE</b>	0.01	0.09
<b>LIME</b>	1.95	0.02
<b>NATURAL GAS LIQUIDS</b>	0.88	0.07
<b>NATURAL GAS TRANSMISSION</b>	0.77	0.10
<b>NEWSPAPERS</b>	0.00	0.003
<b>PAVING MIXTURES AND BLOCKS</b>	0.01	0.11
<b>PETROLEUM BULK STATIONS &amp; TERMINALS</b>	0.01	0.14
<b>PIPELINES, NEC</b>	0.14	0.01
<b>PLASTICS PRODUCTS, NEC</b>	0.00	0.06
<b>PLASTICS, PLUMBING FIXTURES</b>	0.00	0.04
<b>REFUSE SYSTEMS</b>	0.13	0.07
<b>SEMICONDUCTORS AND RELATED DEVICES</b>	0.31	0.43

## CAPCOG Projects

1. Diesel Construction Equipment
2. Agricultural Equipment
3. Lawn and Garden Equipment
4. Industrial Solvents
5. Heavy Duty Idling