

**Reactivity-Weighted Emissions of Volatile Organic Compounds  
South Coast Air Quality District  
2000**

<b>Major Category of VOC Emissions</b>	<b>Total Emissions (tpd)</b>	<b>% of Total Inventory</b>	<b>O3 Formation Potential (tpd)</b>	<b>% of Total O3 Formation Potential</b>
ADHESIVES AND SEALANTS	13.67	0.86%	22.83	0.65%
AIRCRAFT	8.59	0.54%	58.08	1.65%
ARCHITECTURAL COATINGS	51.03	3.23%	95.60	2.72%
ASPHALT PAVING / ROOFING	0.85	0.05%	2.06	0.06%
CHEMICAL PROCESSES	21.31	1.35%	42.95	1.22%
COATINGS AND RELATED PROCESS SOLVENTS	43.55	2.75%	119.60	3.40%
COGENERATION (FUEL COMBUSTION)	6.62	0.42%	3.47	0.10%
CONSUMER PRODUCTS	137.56	8.70%	203.55	5.78%
COOKING	1.48	0.09%	2.21	0.06%
DEGREASING	71.06	4.49%	29.30	0.83%
ELECTRIC UTILITIES	6.84	0.43%	4.90	0.14%
FARM EQUIPMENT	1.48	0.09%	8.01	0.23%
FARMING OPERATIONS	128.58	8.13%	37.75	1.07%
FIRES	0.33	0.02%	0.49	0.01%
FOOD AND AGRICULTURAL PROCESSING (FUEL COMBUSTION)	0.41	0.03%	0.98	0.03%
FOOD AND AGRICULTURE (INDUSTRIAL PROCESSES)	6.05	0.38%	9.78	0.28%
FUEL STORAGE AND HANDLING	37.34	2.36%	77.19	2.19%

**Attachment A - CSPA Comments on ARB Agenda Item # 13-2-2**

GLASS AND RELATED PRODUCTS	0.08	0.01%	0.13	0.00%
HEAVY DUTY DIESEL URBAN BUSES	0.64	0.04%	3.54	0.10%
HEAVY DUTY GAS URBAN BUSES	1.09	0.07%	4.07	0.12%
HEAVY HEAVY DUTY DIESEL TRUCKS	8.16	0.52%	45.10	1.28%
HEAVY HEAVY DUTY GAS TRUCKS	4.35	0.27%	17.24	0.49%
INCINERATORS	0.88	0.06%	0.82	0.02%
LANDFILLS	149.18	9.43%	5.74	0.16%
LAUNDERING	9.05	0.57%	0.57	0.02%
LIGHT DUTY PASSENGER VEHICLES	294.79	18.64%	1104.50	31.37%
LIGHT DUTY TRUCKS	106.78	6.75%	400.54	11.38%
LIGHT HEAVY DUTY DIESEL TRUCKS	0.5	0.03%	2.76	0.08%
LIGHT HEAVY DUTY GAS TRUCKS	29.02	1.83%	110.40	3.14%
MANUFACTURING AND INDUSTRIAL (FUEL COMBUSTION)	34.08	2.15%	23.42	0.67%
MEDIUM DUTY TRUCKS	41.95	2.65%	164.71	4.68%
MEDIUM HEAVY DUTY DIESEL TRUCKS	1.51	0.10%	8.35	0.24%
MEDIUM HEAVY DUTY GAS TRUCKS	13.53	0.86%	53.00	1.51%
METAL PROCESSES	1.4	0.09%	2.48	0.07%
MINERAL PROCESSES	3.02	0.19%	6.77	0.19%
MOTOR HOMES	0.6	0.04%	2.39	0.07%
MOTORCYCLES	6.27	0.40%	24.56	0.70%
OFF-ROAD EQUIPMENT	60.64	3.83%	280.90	7.98%
OFF-ROAD RECREATIONAL VEHICLES	7.87	0.50%	34.90	0.99%
OIL AND GAS PRODUCTION (COMBUSTION)	18.47	1.17%	12.66	0.36%
OTHER (CLEANING AND SURFACE COATINGS)	3.93	0.25%	7.32	0.21%
OTHER (FUEL COMBUSTION)	16.35	1.03%	9.08	0.26%

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OTHER (INDUSTRIAL PRCESSES)	1.67	0.11%	3.30	0.09%
OTHER (PETROLEUM PRODUCTION AND MARKETING)	0.2	0.01%	0.27	0.01%
OTHER (WASTE DISPOSAL)	26.66	1.69%	25.15	0.71%
PESTICIDES/ FERTILIZERS	3.37	0.21%	5.22	0.15%
PETROLEUM MARKETING	82.23	5.20%	75.79	2.15%
PETROLEUM REFINING	15.18	0.96%	18.81	0.53%
PETROLEUM REFINING (FUEL COMBUSTION)	2.18	0.14%	4.76	0.14%
PRINTING	7.28	0.46%	10.21	0.29%
RECREATIONAL BOATS	41.27	2.61%	190.28	5.40%
RESIDENTIAL FUEL COMBUSTION	29.15	1.84%	54.67	1.55%
SCHOOL BUSES	0.26	0.02%	1.14	0.03%
SERVICE AND COMMERCIAL (FUEL COMBUSTION)	4.73	0.30%	4.86	0.14%
SEWAGE TREATMENT	0.18	0.01%	0.41	0.01%
SHIPS AND COMMERCIAL BOATS	3.84	0.24%	20.30	0.58%
TRAINS	1.53	0.10%	8.46	0.24%
WASTE BURNING AND DISPOSAL	11.2	0.71%	52.80	1.50%
WOOD AND PAPER	0.01	0.00%	0.04	0.00%
<b>Grand Total</b>	<b>1581.83</b>	<b>100.00%</b>	<b>3521.16</b>	<b>100.00%</b>

**AEROSOL RPRODUCT PROPELLANTS**  
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<b>AEROSOL PROPELLANT CHEMICAL NAME</b>	<b>Total Emissions (tpd)</b>	<b>Total Ozone Potential (tpd)</b>
DIMETHYL ETHER	0.990	0.919
HFC-152A	0.702	0.071
HYDROCARBON PROPELLANT {LPG, SWEETENED}	1.391	1.043
ISOBUTANE	4.772	6.423
N-BUTANE	2.303	3.061
PROPANE	4.759	2.664
Grand Total	14.916	14.181
<b>Percent of South Coast 2000 Emissions Inventory</b>	<b>0.90%</b>	<b>0.40%</b>