

2011 Sac_NAA Offroad Equipment Summary							Emissions (tons/day)			
Code	Equipment	Fuel	ECMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	ROG	CO	NOX	PM

**EICSUM = 840 RECREATIONAL BOATS**

**EICSOUN = 864 RECREATIONAL BOATS**

282005010	Vessels w/Outboard Engines	Gasoline	1100	34,526	7,385	9,167	6.240	7.941	0.390	0.604
282005025	Sailboat Auxiliary Outboard Engin	Gasoline	1100	418	19	10	0.019	0.009	0.000	0.001
282005030	Personal Water Craft	Gasoline	1100	24,058	2,620	10,157	2.961	4.677	0.502	0.737
282010005	Vessels w/Inboard Engines	Gasoline	1100	14,287	5,921	33,631	2.403	43.739	1.670	0.024
282010010	Vessels w/Outboard Engines	Gasoline	1100	2,792	597	817	0.245	1.373	0.036	0.001
282010015	Vessels w/Sterndrive Engines	Gasoline	1100	35,725	11,621	48,860	4.746	63.635	2.362	0.035
282010020	Sailboat Auxiliary Inboard Engine	Gasoline	1100	526	23	10	0.028	0.017	0.000	0.000
282010040	Vessels w/Inboard Jet Engines	Gasoline	1100	4,258	1,385	9,366	0.615	12.258	0.464	0.007
282020005	Vessels w/Inboard Engines	Diesel	1210	928	385	1,920	0.113	0.170	0.387	0.010
282020020	Sailboat Auxiliary Inboard Engine	Diesel	1210	650	29	16	0.001	0.001	0.003	0.000
<b>Subtotal for RECREATIONAL BOATS</b>				<b>118168</b>	<b>29985</b>	<b>113953</b>	<b>17.37</b>	<b>133.82</b>	<b>5.82</b>	<b>1.42</b>

**EICSUM = 850 OFF-ROAD RECREATIONAL VEHICLES**

**EICSOUN = 874 ALL-TERRAIN VEHICLES (ATV'S)**

260001030	All Terrain Vehicles (ATVs) Active	Gasoline	1100	4,010	16,905	641	0.720	1.008	0.000	0.008
260001031	All Terrain Vehicles (ATVs) Inactive	Gasoline	1100	1,217	5,132	0	0.013	0.000	0.000	0.000
265001030	All Terrain Vehicles (ATVs) Active	Gasoline	1100	20,276	85,484	1,607	0.492	2.699	0.065	0.006
265001031	All Terrain Vehicles (ATVs) Inactive	Gasoline	1100	6,155	25,951	0	0.066	0.000	0.000	0.000
<b>Subtotal for ALL-TERRAIN VEHICLES (ATV'S)</b>				<b>31657</b>	<b>133472</b>	<b>2247</b>	<b>1.29</b>	<b>3.71</b>	<b>0.07</b>	<b>0.01</b>

<b>2011 Sac_NAA Offroad Equipment Summary</b>							<b>Emissions (tons/day)</b>			
<b>Code</b>	<b>Equipment</b>	<b>Fuel</b>	<b>EICMAT</b>	<b>Population</b>	<b>Total Hours/Day</b>	<b>Fuel Usage Gal/Day</b>	<b>ROG</b>	<b>CO</b>	<b>NOX</b>	<b>PM</b>

**EICSOUN = 875 GOLF CARTS**

260001050	Golf Carts	Gasoline	1100	28	97	37	0.004	0.101	0.001	0.000
265001050	Golf Carts	Gasoline	1100	22	76	33	0.004	0.100	0.001	0.000
<b>Subtotal for GOLF CARTS</b>				<b>50</b>	<b>174</b>	<b>70</b>	<b>0.01</b>	<b>0.20</b>	<b>0.00</b>	<b>0.00</b>

**EICSOUN = 873 MINIBIKES**

265001040	Minibikes	Gasoline	1100	538	232	56	0.063	0.242	0.001	0.001
<b>Subtotal for MINIBIKES</b>				<b>538</b>	<b>232</b>	<b>56</b>	<b>0.06</b>	<b>0.24</b>	<b>0.00</b>	<b>0.00</b>

**EICSOUN = 872 OFF-ROAD MOTORCYCLES**

260001010	Off-Road Motorcycles Active	Gasoline	1100	17,920	75,553	2,863	3.286	4.506	0.001	0.035
260001011	Off-Road Motorcycles Inactive	Gasoline	1100	7,178	30,265	0	0.073	0.000	0.000	0.000
265001010	Off-Road Motorcycles Active	Gasoline	1100	12,283	51,788	966	0.342	1.597	0.030	0.003
265001011	Off-Road Motorcycles Inactive	Gasoline	1100	4,920	20,745	0	0.050	0.000	0.000	0.000
<b>Subtotal for OFF-ROAD MOTORCYCLES</b>				<b>42302</b>	<b>178351</b>	<b>3829</b>	<b>3.75</b>	<b>6.10</b>	<b>0.03</b>	<b>0.04</b>

**EICSOUN = 870 SNOWMOBILES**

260001020	Snowmobiles Active	Gasoline	1100	1,983	12	32	0.101	0.071	0.001	0.001
260001021	Snowmobiles Inactive	Gasoline	1100	690	4	0	0.023	0.000	0.000	0.000
<b>Subtotal for SNOWMOBILES</b>				<b>2674</b>	<b>16</b>	<b>32</b>	<b>0.12</b>	<b>0.07</b>	<b>0.00</b>	<b>0.00</b>

**EICSOUN = 877 SPECIALTY VEHICLES CARTS**

260001060	Specialty Vehicles Carts	Gasoline	1100	3,368	698	257	0.041	0.701	0.007	0.001
265001060	Specialty Vehicles Carts	Gasoline	1100	2,294	475	310	0.031	0.968	0.007	0.001
<b>Subtotal for SPECIALTY VEHICLES CARTS</b>				<b>5662</b>	<b>1173</b>	<b>567</b>	<b>0.07</b>	<b>1.67</b>	<b>0.01</b>	<b>0.00</b>

**EICSUM = 860 OFF-ROAD EQUIPMENT**

**EICSOUN = 889 AIRPORT GROUND SUPPORT EQUIPMENT**

<b>2011 Sac_NAA Offroad Equipment Summary</b>							<b>Emissions (tons/day)</b>			
<b>Code</b>	<b>Equipment</b>	<b>Fuel</b>	<b>ECMAT</b>	<b>Population</b>	<b>Total Hours/Day</b>	<b>Fuel Usage Gal/Day</b>	<b>ROG</b>	<b>CO</b>	<b>NOX</b>	<b>PM</b>
265008010	Cargo Tractor	Gasoline	1100	26	97	513	0.017	0.410	0.032	0.000
265008015	A/C Tug Narrow Body	Gasoline	1100	3	5	48	0.001	0.018	0.004	0.000
265008020	A/C Tug Wide Body	Gasoline	1100	1	1	41	0.000	0.015	0.001	0.000
265008025	Air Conditioner	Gasoline	1100	0	0	0	0.000	0.000	0.000	0.000
265008030	Air Start Unit	Gasoline	1100	2	0	4	0.000	0.001	0.000	0.000
265008035	Baggage Tug	Gasoline	1100	34	81	424	0.008	0.175	0.013	0.000
265008040	Belt Loader	Gasoline	1100	16	35	102	0.003	0.044	0.004	0.000
265008045	Bobtail	Gasoline	1100	5	13	68	0.001	0.028	0.002	0.000
265008050	Cargo Loader	Gasoline	1100	4	8	28	0.001	0.013	0.001	0.000
265008055	Cart	Gasoline	1100	1	1	0	0.000	0.001	0.000	0.000
265008060	Deicer	Gasoline	1100	2	0	1	0.000	0.000	0.000	0.000
265008065	Forklift	Gasoline	1100	4	8	13	0.001	0.015	0.000	0.000
265008070	Fuel Truck	Gasoline	1100	3	0	0	0.000	0.000	0.000	0.000
265008075	Ground Power Unit	Gasoline	1100	3	7	71	0.001	0.025	0.002	0.000
265008080	Lav Cart	Gasoline	1100	0	0	0	0.000	0.000	0.000	0.000
265008085	Lav Truck	Gasoline	1100	4	13	39	0.001	0.015	0.002	0.000
265008090	Lift	Gasoline	1100	7	7	35	0.002	0.018	0.002	0.000
265008095	Maint. Truck	Gasoline	1100	5	6	36	0.001	0.013	0.002	0.000
265008100	Other GSE	Gasoline	1100	7	4	10	0.001	0.010	0.000	0.000
265008101	Passenger Stand	Gasoline	1100	3	2	12	0.001	0.004	0.001	0.000
265008102	Sweeper	Gasoline	1100	0	0	1	0.000	0.000	0.000	0.000
265008103	Generator	Gasoline	1100	0	1	4	0.000	0.003	0.000	0.000
265008105	Service Truck	Gasoline	1100	14	33	106	0.003	0.042	0.009	0.000
265008106	Catering Truck	Gasoline	1100	3	8	77	0.002	0.031	0.007	0.000
265008110	Water Truck	Gasoline	1100	1	1	3	0.000	0.001	0.000	0.000
265008111	Hydrant truck	Gasoline	1100	2	10	80	0.002	0.035	0.008	0.000
266008010	Cargo Tractor	NG	110	3	1	11	0.000	0.002	0.001	0.000
266008025	Air Conditioner	NG	110	0	0	0	0.000	0.000	0.000	0.000

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266008035	Baggage Tug	NG	110	7	15	96	0.000	0.027	0.006	0.000
266008040	Belt Loader	NG	110	2	3	9	0.000	0.002	0.001	0.000
266008045	Bobtail	NG	110	0	0	2	0.000	0.001	0.000	0.000
266008050	Cargo Loader	NG	110	1	2	8	0.000	0.003	0.001	0.000
266008065	Forklift	NG	110	9	19	30	0.000	0.003	0.001	0.000
266008070	Fuel Truck	NG	110	0	0	2	0.000	0.000	0.000	0.000
266008085	Lav Truck	NG	110	0	0	1	0.000	0.000	0.000	0.000
266008090	Lift	NG	110	0	0	1	0.000	0.000	0.000	0.000
266008100	Other	NG	110	1	4	11	0.000	0.001	0.001	0.000
266008101	Passenger Stand	NG	110	0	0	0	0.000	0.000	0.000	0.000
266008102	Sweeper	NG	110	0	0	0	0.000	0.000	0.000	0.000
266008105	Service Truck	NG	110	1	5	20	0.000	0.005	0.001	0.000
266008106	Catering Truck	NG	110	1	1	8	0.000	0.002	0.000	0.000
270008010	Cargo Tractor	Diesel	1210	2	8	21	0.000	0.002	0.003	0.000
270008015	A/C Tug Narrow Body	Diesel	1210	11	19	158	0.002	0.006	0.021	0.001
270008020	A/C Tug Wide Body	Diesel	1210	3	6	89	0.001	0.006	0.011	0.000
270008025	Air Conditioner	Diesel	1210	2	5	33	0.000	0.002	0.002	0.000
270008030	Air Start Unit	Diesel	1210	7	6	124	0.001	0.003	0.010	0.000
270008035	Baggage Tug	Diesel	1210	23	87	196	0.005	0.016	0.030	0.003
270008040	Belt Loader	Diesel	1210	11	29	46	0.001	0.004	0.007	0.001
270008045	Bobtail	Diesel	1210	1	2	5	0.000	0.000	0.001	0.000
270008050	Cargo Loader	Diesel	1210	14	33	97	0.002	0.007	0.013	0.001
270008065	Forklift	Diesel	1210	2	4	10	0.000	0.001	0.001	0.000
270008070	Fuel Truck	Diesel	1210	1	2	5	0.000	0.000	0.000	0.000
270008075	Ground Power Unit	Diesel	1210	15	40	277	0.004	0.017	0.029	0.002
270008085	Lav Truck	Diesel	1210	0	1	2	0.000	0.000	0.000	0.000
270008090	Lift	Diesel	1210	2	5	18	0.000	0.001	0.002	0.000
270008100	Other GSE	Diesel	1210	4	11	45	0.001	0.003	0.006	0.000

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270008101	Passenger Stand	Diesel	1210	0	0	0	0.000	0.000	0.000	0.000
270008102	Sweeper	Diesel	1210	1	1	1	0.000	0.000	0.000	0.000
270008103	Generator	Diesel	1210	10	43	416	0.005	0.017	0.044	0.002
270008105	Service Truck	Diesel	1210	2	2	4	0.000	0.000	0.000	0.000
270008106	Catering Truck	Diesel	1210	0	0	3	0.000	0.000	0.000	0.000
270008111	Hydrant Truck	Diesel	1210	1	1	9	0.000	0.001	0.001	0.000
<b>Subtotal for AIRPORT GROUND SUPPORT EQUIPMENT</b>				<b>293</b>	<b>698</b>	<b>3477</b>	<b>0.07</b>	<b>1.05</b>	<b>0.29</b>	<b>0.01</b>
<b>EICSOUN = 904</b>		<b>COMMERCIAL (COMMERCIAL)</b>								
260006005	Generator Sets	Gasoline	1100	217	76	5	0.011	0.012	0.000	0.000
260006010	Pumps	Gasoline	1100	991	682	85	0.047	0.210	0.004	0.003
265006005	Generator Sets	Gasoline	1100	7,218	2,788	1,424	0.396	4.303	0.057	0.007
265006010	Pumps	Gasoline	1100	1,621	1,161	402	0.096	1.143	0.021	0.012
265006015	Air Compressors	Gasoline	1100	468	715	193	0.028	0.463	0.012	0.003
265006025	Welders	Gasoline	1100	1,842	1,167	1,006	0.143	3.166	0.043	0.037
265006030	Pressure Washers	Gasoline	1100	1,145	424	203	0.063	0.567	0.008	0.002
<b>Subtotal for COMMERCIAL (COMMERCIAL)</b>				<b>13501</b>	<b>7014</b>	<b>3320</b>	<b>0.78</b>	<b>9.86</b>	<b>0.15</b>	<b>0.06</b>
<b>EICSOUN = 906</b>		<b>COMMERCIAL (OTHER)</b>								
265006005	Generator Sets	Gasoline	1100	948	332	967	0.080	0.721	0.057	0.001
265006010	Pumps	Gasoline	1100	144	97	439	0.019	0.235	0.028	0.000
265006015	Air Compressors	Gasoline	1100	106	156	571	0.029	0.363	0.045	0.000
265006025	Welders	Gasoline	1100	260	165	506	0.032	0.333	0.036	0.000
265006030	Pressure Washers	Gasoline	1100	7	2	6	0.001	0.006	0.000	0.000
266006005	Generator Sets	NG	110	21	7	60	0.000	0.011	0.003	0.000
266006020	Gas Compressors	NG	110	7	176	1,873	0.001	0.457	0.039	0.001
270006005	Generator Sets	Diesel	1210	1,259	1,297	3,608	0.056	0.205	0.390	0.024
270006010	Pumps	Diesel	1210	671	823	1,868	0.035	0.124	0.214	0.015
270006015	Air Compressors	Diesel	1210	491	1,219	3,540	0.062	0.212	0.413	0.030

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270006025	Welders	Diesel	1210	670	1,312	1,549	0.048	0.142	0.182	0.016
270006030	Pressure Washers	Diesel	1210	26	11	5	0.000	0.000	0.001	0.000
<b>Subtotal for COMMERCIAL (OTHER)</b>				<b>4608</b>	<b>5599</b>	<b>14994</b>	<b>0.36</b>	<b>2.81</b>	<b>1.41</b>	<b>0.09</b>
<b>EICSOUN = 905</b>		<b>COMMERCIAL (RESIDENTIAL)</b>								
260006005	Generator Sets	Gasoline	1100	2	1	0	0.000	0.001	0.000	0.000
260006010	Pumps	Gasoline	1100	105	56	31	0.007	0.085	0.001	0.001
265006005	Generator Sets	Gasoline	1100	7,634	2,418	2,707	0.506	8.630	0.097	0.006
265006010	Pumps	Gasoline	1100	761	443	384	0.051	1.199	0.017	0.014
265006015	Air Compressors	Gasoline	1100	106	131	75	0.007	0.228	0.004	0.003
265006030	Pressure Washers	Gasoline	1100	428	127	129	0.026	0.410	0.005	0.000
<b>Subtotal for COMMERCIAL (RESIDENTIAL)</b>				<b>9035</b>	<b>3176</b>	<b>3326</b>	<b>0.60</b>	<b>10.55</b>	<b>0.12</b>	<b>0.02</b>
<b>EICSOUN = 887</b>		<b>CONSTRUCTION AND MINING EQUIPMENT</b>								
260002006	Tampers/Rammers	Gasoline	1100	209	103	21	0.004	0.056	0.001	0.001
260002009	Plate Compactors	Gasoline	1100	18	10	2	0.000	0.005	0.000	0.000
265002003	Asphalt Pavers	Gasoline	1100	19	20	35	0.003	0.066	0.002	0.001
265002006	Tampers/Rammers	Gasoline	1100	10	5	2	0.000	0.007	0.000	0.000
265002009	Plate Compactors	Gasoline	1100	728	383	128	0.025	0.364	0.007	0.004
265002015	Rollers	Gasoline	1100	154	112	133	0.010	0.285	0.008	0.003
265002021	Paving Equipment	Gasoline	1100	1,363	700	353	0.055	1.003	0.018	0.011
265002024	Surfacing Equipment	Gasoline	1100	364	423	163	0.017	0.486	0.009	0.006
265002027	Signal Boards	Gasoline	1100	9	7	4	0.000	0.012	0.000	0.000
265002030	Trenchers	Gasoline	1100	165	192	261	0.021	0.584	0.015	0.006
265002033	Bore/Drill Rigs	Gasoline	1100	21	7	22	0.001	0.026	0.002	0.000
265002039	Concrete/Industrial Saws	Gasoline	1100	274	218	216	0.016	0.550	0.009	0.007
265002042	Cement and Mortar Mixers	Gasoline	1100	1,898	475	206	0.119	0.632	0.008	0.006
265002045	Cranes	Gasoline	1100	4	5	15	0.001	0.010	0.001	0.000

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265002054	Crushing/Proc. Equipment	Gasoline	1100	5	4	11	0.001	0.012	0.001	0.000
265002057	Rough Terrain Forklifts	Gasoline	1100	9	10	52	0.003	0.031	0.005	0.000
265002060	Rubber Tired Loaders	Gasoline	1100	11	15	55	0.003	0.037	0.005	0.000
265002066	Tractors/Loaders/Backhoes	Gasoline	1100	5	12	35	0.001	0.020	0.002	0.000
265002072	Skid Steer Loaders	Gasoline	1100	316	273	403	0.031	0.877	0.015	0.010
265002078	Dumpers/Tenders	Gasoline	1100	127	52	21	0.009	0.062	0.001	0.001
265002081	Other Construction Equipment	Gasoline	1100	4	4	22	0.001	0.007	0.000	0.000
270002003	Pavers	Diesel	1210	186	423	1,514	0.036	0.117	0.199	0.014
270002009	Plate Compactors	Diesel	1210	22	36	7	0.000	0.000	0.001	0.000
270002015	Rollers	Diesel	1210	549	1,046	3,207	0.058	0.217	0.384	0.027
270002018	Scrapers	Diesel	1210	121	368	4,479	0.057	0.218	0.512	0.022
270002021	Paving Equipment	Diesel	1210	38	87	275	0.006	0.019	0.037	0.003
270002024	Surfacing Equipment	Diesel	1210	7	8	65	0.001	0.002	0.006	0.000
270002027	Signal Boards	Diesel	1210	222	436	332	0.005	0.021	0.034	0.002
270002030	Trenchers	Diesel	1210	535	919	2,490	0.073	0.222	0.335	0.028
270002033	Bore/Drill Rigs	Diesel	1210	70	161	1,423	0.009	0.045	0.099	0.004
270002036	Excavators	Diesel	1210	1,213	4,698	25,605	0.327	1.287	2.501	0.139
270002039	Concrete/Industrial Saws	Diesel	1210	7	11	30	0.001	0.002	0.003	0.000
270002042	Cement and Mortar Mixers	Diesel	1210	38	31	10	0.000	0.001	0.001	0.000
270002045	Cranes	Diesel	1210	134	465	3,228	0.041	0.142	0.381	0.016
270002048	Graders	Diesel	1210	425	1,100	6,651	0.089	0.341	0.738	0.039
270002051	Off-Highway Trucks	Diesel	1210	109	591	7,699	0.077	0.230	0.728	0.026
270002054	Crushing/Proc. Equipment	Diesel	1210	64	166	1,018	0.017	0.059	0.114	0.007
270002057	Rough Terrain Forklifts	Diesel	1210	425	1,308	4,208	0.077	0.309	0.490	0.042
270002060	Rubber Tired Loaders	Diesel	1210	1,223	3,241	16,114	0.220	0.805	1.754	0.099
270002063	Rubber Tired Dozers	Diesel	1210	47	210	2,359	0.035	0.144	0.306	0.013

<b>2011 Sac_NAA Offroad Equipment Summary</b>							<b>Emissions (tons/day)</b>			
<b>Code</b>	<b>Equipment</b>	<b>Fuel</b>	<b>EICMAT</b>	<b>Population</b>	<b>Total Hours/Day</b>	<b>Fuel Usage Gal/Day</b>	<b>ROG</b>	<b>CO</b>	<b>NOX</b>	<b>PM</b>
270002066	Tractors/Loaders/Backhoes	Diesel	1210	1,916	5,039	15,801	0.240	0.984	1.616	0.123
270002069	Crawler Tractors	Diesel	1210	1,004	2,869	15,062	0.254	0.897	1.890	0.116
270002072	Skid Steer Loaders	Diesel	1210	1,958	4,523	6,290	0.138	0.547	0.633	0.052
270002075	Off-Highway Tractors	Diesel	1210	179	544	4,212	0.067	0.251	0.571	0.027
270002078	Dumpers/Tenders	Diesel	1210	2	3	1	0.000	0.000	0.000	0.000
270002081	Other Construction Equipment	Diesel	1210	87	166	922	0.008	0.033	0.077	0.003
<b>Subtotal for CONSTRUCTION AND MINING EQUIPMENT</b>				<b>16295</b>	<b>31479</b>	<b>125162</b>	<b>2.16</b>	<b>12.03</b>	<b>13.52</b>	<b>0.86</b>
<b>EICSOUN = 894</b>		<b>ENTERTAINMENT</b>								
270014005	Generator (Entertainment)	Diesel	1210	27	25	255	0.002	0.009	0.025	0.001
270014010	Compressor (Entertainment)	Diesel	1210	0	0	0	0.000	0.000	0.000	0.000
<b>Subtotal for ENTERTAINMENT</b>				<b>27</b>	<b>25</b>	<b>255</b>	<b>0.00</b>	<b>0.01</b>	<b>0.02</b>	<b>0.00</b>
<b>EICSOUN = 886</b>		<b>INDUSTRIAL EQUIPMENT</b>								
260003040	Other General Industrial Equipmen	Gasoline	1100	2	2	1	0.000	0.002	0.000	0.000
265003010	Aerial Lifts	Gasoline	1100	61	60	111	0.008	0.104	0.004	0.001
265003020	Forklifts	Gasoline	1100	331	1,620	3,350	0.106	3.077	0.144	0.002
265003030	Sweepers/Scrubbers	Gasoline	1100	60	69	197	0.007	0.160	0.006	0.000
265003040	Other General Industrial Equipment	Gasoline	1100	41	51	65	0.003	0.099	0.002	0.000
265003050	Other Material Handling Equipment	Gasoline	1100	4	5	13	0.001	0.007	0.001	0.000
266003010	Aerial Lifts	NG	110	20	21	24	0.000	0.023	0.001	0.000
266003020	Forklifts	NG	110	607	2,970	6,616	0.006	1.773	0.256	0.004
270003010	Aerial Lifts	Diesel	1210	148	155	246	0.005	0.016	0.026	0.002
270003020	Forklifts	Diesel	1210	117	570	1,411	0.018	0.065	0.134	0.007
270003030	Sweepers/Scrubbers	Diesel	1210	95	311	1,119	0.022	0.082	0.122	0.010



<b>2011 Sac_NAA Offroad Equipment Summary</b>							<b>Emissions (tons/day)</b>			
<b>Code</b>	<b>Equipment</b>	<b>Fuel</b>	<b>EICMAT</b>	<b>Population</b>	<b>Total Hours/Day</b>	<b>Fuel Usage Gal/Day</b>	<b>ROG</b>	<b>CO</b>	<b>NOX</b>	<b>PM</b>
270003040	Other General Industrial Equipmen	Diesel	1210	117	453	3,133	0.038	0.125	0.346	0.015
270003050	Other Material Handling Equipment	Diesel	1210	5	19	125	0.002	0.005	0.014	0.001
<b>Subtotal for INDUSTRIAL EQUIPMENT</b>				<b>1608</b>	<b>6307</b>	<b>16413</b>	<b>0.22</b>	<b>5.54</b>	<b>1.06</b>	<b>0.04</b>
<b>EICSOUN = 901</b>		<b>LAWN AND GARDEN (COMMERCIAL)</b>								
260004010	Lawn Mowers	Gasoline	1100	2,569	1,791	203	0.034	0.412	0.006	0.004
260004020	Chainsaws	Gasoline	1100	7,842	6,920	654	0.563	0.990	0.009	0.002
260004021	Chainsaws Preempt	Gasoline	1100	4,034	3,560	513	0.436	0.776	0.007	0.001
260004025	Trimmers/Edgers/Brush Cutters	Gasoline	1100	15,001	5,555	246	0.171	0.438	0.004	0.001
260004030	Leaf Blowers/Vacuums	Gasoline	1100	22,402	13,420	716	0.577	1.175	0.010	0.002
260004035	Snowblowers	Gasoline	1100	50	0	0	0.000	0.000	0.000	0.000
260004050	Shredders	Gasoline	1100	113	47	21	0.002	0.056	0.001	0.001
260004070	Commercial Turf Equipment	Gasoline	1100	90	219	124	0.007	0.344	0.004	0.000
260004075	Other Lawn & Garden Equipment	Gasoline	1100	36	8	1	0.012	0.002	0.000	0.000
265004010	Lawn Mowers	Gasoline	1100	15,211	10,607	1,294	0.211	2.992	0.036	0.023
265004015	Tillers	Gasoline	1100	1,579	269	40	0.010	0.105	0.001	0.001
265004025	Trimmers/Edgers/Brush Cutters	Gasoline	1100	2,777	1,149	36	0.012	0.088	0.002	0.000
265004030	Leaf Blowers/Vacuums	Gasoline	1100	708	134	9	0.003	0.026	0.000	0.000
265004035	Snowblowers	Gasoline	1100	950	4	1	0.019	0.003	0.000	0.000
265004040	Rear Engine Riding Mowers	Gasoline	1100	8,367	6,926	2,405	0.299	7.352	0.073	0.005
265004045	Front Mowers	Gasoline	1100	681	564	359	0.267	1.113	0.011	0.001
265004050	Shredders	Gasoline	1100	300	124	35	0.005	0.085	0.002	0.000
265004055	Lawn & Garden Tractors	Gasoline	1100	11,447	1,041	697	0.219	2.143	0.019	0.001
265004060	Wood Splitters	Gasoline	1100	513	201	61	0.008	0.152	0.001	0.001
265004065	Chippers/Stump Grinders	Gasoline	1100	48	186	256	0.020	0.786	0.012	0.010

<b>2011 Sac_NAA Offroad Equipment Summary</b>										
<b>Code</b>	<b>Equipment</b>	<b>Fuel</b>	<b>ECMAT</b>	<b>Population</b>	<b>Total Hours/Day</b>	<b>Fuel Usage Gal/Day</b>	<b>Emissions (tons/day)</b>			
							<b>ROG</b>	<b>CO</b>	<b>NOX</b>	<b>PM</b>
265004070	Commercial Turf Equipment	Gasoline	1100	807	1,969	1,377	0.088	4.232	0.053	0.004
265004075	Other Lawn & Garden Equipment	Gasoline	1100	690	144	43	0.188	0.123	0.001	0.000
<b>Subtotal for LAWN AND GARDEN (COMMERCIAL)</b>				<b>96212</b>	<b>54838</b>	<b>9090</b>	<b>3.15</b>	<b>23.39</b>	<b>0.25</b>	<b>0.06</b>
<b>EICSOUN = 903</b>		<b>LAWN AND GARDEN (OTHER)</b>								
265004055	Lawn & Garden Tractors	Gasoline	1100	9	3	4	0.001	0.004	0.000	0.000
265004070	Commercial Turf Equipment	Gasoline	1100	108	242	407	0.029	0.597	0.018	0.000
265004075	Other Lawn & Garden Equipment	Gasoline	1100	1	0	1	0.000	0.000	0.000	0.000
270004030	Leaf Blowers/Vacuums	Diesel	1210	1	0	1	0.000	0.000	0.000	0.000
270004035	Snowblowers	Diesel	1210	9	0	5	0.000	0.000	0.000	0.000
270004055	Lawn & Garden Tractors	Diesel	1210	2,221	3,686	1,929	0.025	0.107	0.164	0.008
270004065	Chippers/Stump Grinders	Diesel	1210	28	40	515	0.005	0.020	0.057	0.002
270004070	Commercial Turf Equipment	Diesel	1210	621	2,023	1,311	0.017	0.060	0.110	0.004
270004075	Other Lawn & Garden Equipment	Diesel	1210	1	1	0	0.000	0.000	0.000	0.000
<b>Subtotal for LAWN AND GARDEN (OTHER)</b>				<b>3000</b>	<b>5995</b>	<b>4174</b>	<b>0.08</b>	<b>0.79</b>	<b>0.35</b>	<b>0.02</b>
<b>EICSOUN = 902</b>		<b>LAWN AND GARDEN (RESIDENTIAL)</b>								
260004010	Lawn Mowers	Gasoline	1100	19,293	912	135	0.304	0.347	0.004	0.002
260004020	Chainsaws	Gasoline	1100	88,214	1,318	120	0.505	0.249	0.002	0.001
260004021	Chainsaws Preempt	Gasoline	1100	45,379	678	106	0.292	0.232	0.001	0.001
260004025	Trimmers/Edgers/Brush Cutters	Gasoline	1100	167,210	10,966	468	0.595	0.869	0.008	0.001
260004030	Leaf Blowers/Vacuums	Gasoline	1100	57,754	846	49	0.263	0.103	0.001	0.001
260004035	Snowblowers	Gasoline	1100	450	0	0	0.002	0.000	0.000	0.000
260004050	Shredders	Gasoline	1100	4,032	11	6	0.024	0.015	0.000	0.000
260004075	Other Lawn & Garden Equipment	Gasoline	1100	1,116	15	2	0.006	0.004	0.000	0.000

<b>2011 Sac_NAA Offroad Equipment Summary</b>										
<b>Code</b>	<b>Equipment</b>	<b>Fuel</b>	<b>EICMAT</b>	<b>Population</b>	<b>Total Hours/Day</b>	<b>Fuel Usage Gal/Day</b>	<b>Emissions (tons/day)</b>			
							<b>ROG</b>	<b>CO</b>	<b>NOX</b>	<b>PM</b>
265004010	Lawn Mowers	Gasoline	1100	241,145	11,401	1,686	2.889	4.980	0.045	0.019
265004015	Tillers	Gasoline	1100	6,132	337	57	0.063	0.169	0.002	0.001
265004025	Trimmers/Edgers/Brush Cutters	Gasoline	1100	12,937	848	33	0.044	0.100	0.001	0.000
265004030	Leaf Blowers/Vacuums	Gasoline	1100	608	9	1	0.003	0.002	0.000	0.000
265004035	Snowblowers	Gasoline	1100	8,546	2	0	0.013	0.001	0.000	0.000
265004040	Rear Engine Riding Mowers	Gasoline	1100	7,337	631	223	0.013	0.689	0.007	0.000
265004045	Front Mowers	Gasoline	1100	22,012	1,893	1,224	0.264	3.825	0.038	0.002
265004050	Shredders	Gasoline	1100	11,149	31	11	0.060	0.038	0.000	0.000
265004055	Lawn & Garden Tractors	Gasoline	1100	4,514	410	438	0.096	1.383	0.011	0.001
265004060	Wood Splitters	Gasoline	1100	12,820	43	17	0.157	0.055	0.000	0.000
265004065	Chippers/Stump Grinders	Gasoline	1100	86	4	6	0.002	0.021	0.000	0.000
265004075	Other Lawn & Garden Equipment	Gasoline	1100	21,149	277	94	0.095	0.303	0.002	0.000
<b>Subtotal for LAWN AND GARDEN (RESIDENTIAL)</b>				<b>731883</b>	<b>30633</b>	<b>4675</b>	<b>5.69</b>	<b>13.39</b>	<b>0.12</b>	<b>0.03</b>
<b>EICSOUN = 885 LIGHT COMMERCIAL EQUIPMENT</b>										
270008115	Compressor (GSE)	Diesel	1210	1	2	29	0.000	0.001	0.003	0.000
<b>Subtotal for LIGHT COMMERCIAL EQUIPMENT</b>				<b>1</b>	<b>2</b>	<b>29</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>EICSOUN = 888 LOGGING EQUIPMENT</b>										
260007005	Chainsaws	Gasoline	1100	100	56	46	0.036	0.072	0.001	0.000
265007010	Shredders	Gasoline	1100	157	103	67	0.005	0.202	0.003	0.003
270007010	Shredders	Diesel	1210	0	0	0	0.000	0.000	0.000	0.000
270007015	Skidders	Diesel	1210	19	74	469	0.005	0.025	0.040	0.002
270007020	Fellers/Bunchers	Diesel	1210	41	142	960	0.009	0.043	0.079	0.004
<b>Subtotal for LOGGING EQUIPMENT</b>				<b>316</b>	<b>374</b>	<b>1542</b>	<b>0.05</b>	<b>0.34</b>	<b>0.12</b>	<b>0.01</b>
<b>EICSOUN = 892 MILITARY TACTICAL SUPPORT EQUIPMENT</b>										
270011005	A/C unit	Diesel	1210	16	13	68	0.001	0.003	0.007	0.000
270011010	Aircraft Support	Diesel	1210	7	5	21	0.000	0.001	0.002	0.000

<b>2011 Sac_NAA Offroad Equipment Summary</b>							<b>Emissions (tons/day)</b>			
<b>Code</b>	<b>Equipment</b>	<b>Fuel</b>	<b>EICMAT</b>	<b>Population</b>	<b>Total Hours/Day</b>	<b>Fuel Usage Gal/Day</b>	<b>ROG</b>	<b>CO</b>	<b>NOX</b>	<b>PM</b>
270011015	Cart	Diesel	1210	2	2	9	0.000	0.000	0.001	0.000
270011020	Communications	Diesel	1210	1	1	2	0.000	0.000	0.000	0.000
270011025	Compressor (Military)	Diesel	1210	19	16	65	0.001	0.003	0.007	0.000
270011030	Crane	Diesel	1210	2	2	7	0.000	0.000	0.001	0.000
270011040	Deicer	Diesel	1210	0	0	1	0.000	0.000	0.000	0.000
270011050	Generator (Military)	Diesel	1210	142	116	520	0.006	0.027	0.055	0.003
270011060	Hydraulic unit	Diesel	1210	7	5	18	0.000	0.001	0.002	0.000
270011065	Lift (Military)	Diesel	1210	0	0	1	0.000	0.000	0.000	0.000
270011070	Light	Diesel	1210	0	0	1	0.000	0.000	0.000	0.000
270011075	Pressure Washers	Diesel	1210	0	0	1	0.000	0.000	0.000	0.000
270011080	Pump (Military)	Diesel	1210	10	8	19	0.000	0.001	0.002	0.000
270011085	Start Cart	Diesel	1210	0	0	1	0.000	0.000	0.000	0.000
270011090	Test Stand	Diesel	1210	8	6	37	0.000	0.001	0.004	0.000
270011100	Welder	Diesel	1210	8	6	12	0.000	0.001	0.001	0.000
270011105	Other tactical support equipment	Diesel	1210	4	3	17	0.000	0.001	0.002	0.000
<b>Subtotal for MILITARY TACTICAL SUPPORT EQUIPME</b>				<b>227</b>	<b>185</b>	<b>799</b>	<b>0.01</b>	<b>0.04</b>	<b>0.08</b>	<b>0.00</b>
<b>EICSOUN = 891</b>		<b>OIL DRILLING AND WORKOVER</b>								
270010005	Compressors (Workover)	Diesel	1210	7	22	222	0.002	0.008	0.023	0.001
270010010	Pump (Workover)	Diesel	1210	31	103	1,606	0.018	0.059	0.187	0.006
270010015	Generator (Workover)	Diesel	1210	9	30	195	0.003	0.010	0.022	0.001
270010020	Swivel	Diesel	1210	6	18	86	0.001	0.005	0.010	0.001
270010025	Snubbing	Diesel	1210	0	1	2	0.000	0.000	0.000	0.000
270010030	Other Workover Equipment	Diesel	1210	18	61	560	0.007	0.024	0.064	0.003
270010035	Lift (Drilling)	Diesel	1210	6	19	231	0.002	0.007	0.023	0.001
270010040	Pump (Drilling)	Diesel	1210	29	98	1,341	0.014	0.046	0.140	0.005
270010045	Generator (Drilling)	Diesel	1210	6	21	162	0.002	0.007	0.017	0.001
270010055	Drill Rig	Diesel	1210	88	173	4,703	0.015	0.097	0.281	0.008

<b>2011 Sac_NAA Offroad Equipment Summary</b>							<b>Emissions (tons/day)</b>			
<b>Code</b>	<b>Equipment</b>	<b>Fuel</b>	<b>EICMAT</b>	<b>Population</b>	<b>Total Hours/Day</b>	<b>Fuel Usage Gal/Day</b>	<b>ROG</b>	<b>CO</b>	<b>NOX</b>	<b>PM</b>
270010057	Drill Rig (Mobile)	Diesel	1210	1	10	143	0.003	0.012	0.021	0.001
270010058	Workover Rig (Mobile)	Diesel	1210	67	518	6,723	0.126	0.553	1.011	0.047
270010060	Pressure Washers	Diesel	1210	0	0	1	0.000	0.000	0.000	0.000
<b>Subtotal for OIL DRILLING AND WORKOVER</b>				<b>268</b>	<b>1075</b>	<b>15975</b>	<b>0.19</b>	<b>0.83</b>	<b>1.80</b>	<b>0.08</b>
<b>EICSOUN = 995</b>		<b>OTHER</b>								
270013010	Misc Portable Equipment	Diesel	1210	42	62	376	0.005	0.018	0.041	0.002
<b>Subtotal for OTHER</b>				<b>42</b>	<b>62</b>	<b>376</b>	<b>0.00</b>	<b>0.02</b>	<b>0.04</b>	<b>0.00</b>
<b>EICSOUN = 897</b>		<b>RAIL OPERATIONS</b>								
270015005	Compressor (Railyard)	Diesel	1210	0	0	0	0.000	0.000	0.000	0.000
270015010	Crane (Rail-CHE)	Diesel	1210	0	0	1	0.000	0.000	0.000	0.000
270015015	Materials Handling (Rail-CHE)	Diesel	1210	0	0	0	0.000	0.000	0.000	0.000
270015020	Generator (Railyard)	Diesel	1210	0	0	2	0.000	0.000	0.000	0.000
<b>Subtotal for RAIL OPERATIONS</b>				<b>0</b>	<b>1</b>	<b>3</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>EICSOUN = 884</b>		<b>TRANSPORT REFRIGERATION UNITS</b>								
265009005	Transport Refrigeration Units	Diesel	1210	434	886	539	0.028	1.638	0.020	0.001
265009005	Transport Refrigeration Units	Gasoline	1100				0.004			
270009005	Transport Refrigeration Units	Diesel	1210	4,071	16,227	19,337	0.404	1.865	1.954	0.138
270009005	Transport Refrigeration Units	Gasoline	1100	749	2,116	917	0.012	0.054	0.080	0.004
<b>Subtotal for TRANSPORT REFRIGERATION UNITS</b>				<b>5254</b>	<b>19229</b>	<b>20792</b>	<b>0.45</b>	<b>3.56</b>	<b>2.05</b>	<b>0.14</b>
<b>EICSUM = 870</b>		<b>FARM EQUIPMENT</b>								
<b>EICSOUN = 893</b>		<b>AGRICULTURAL EQUIPMENT</b>								
265005010	2-Wheel Tractors	Gasoline	1100	203	172	75	0.009	0.218	0.004	0.002
265005015	Agricultural Tractors	Gasoline	1100	42	77	411	0.017	0.243	0.037	0.000
265005020	Combines	Gasoline	1100	15	6	56	0.002	0.017	0.002	0.000

<b>2011 Sac_NAA Offroad Equipment Summary</b>							<b>Emissions (tons/day)</b>			
<b>Code</b>	<b>Equipment</b>	<b>Fuel</b>	<b>EICMAT</b>	<b>Population</b>	<b>Total Hours/Day</b>	<b>Fuel Usage Gal/Day</b>	<b>ROG</b>	<b>CO</b>	<b>NOX</b>	<b>PM</b>
265005025	Balers	Gasoline	1100	203	46	116	0.027	0.080	0.008	0.000
265005030	Agricultural Mowers	Gasoline	1100	175	105	67	0.010	0.208	0.003	0.003
265005035	Sprayers	Gasoline	1100	849	273	194	0.041	0.431	0.010	0.004
265005040	Tillers	Gasoline	1100	12,398	2,945	1,624	0.643	5.202	0.059	0.004
265005045	Swathers	Gasoline	1100	244	77	399	0.035	0.150	0.037	0.000
265005050	Hydro Power Units	Gasoline	1100	84	109	65	0.005	0.186	0.003	0.002
265005055	Other Agricultural Equipment	Gasoline	1100	64	29	59	0.004	0.045	0.005	0.000
270005015	Agricultural Tractors	Diesel	1210	13,967	22,699	77,496	1.285	4.509	8.592	0.514
270005020	Combines	Diesel	1210	345	173	1,090	0.011	0.045	0.111	0.005
270005025	Balers	Diesel	1210	111	35	88	0.001	0.006	0.010	0.001
270005030	Agricultural Mowers	Diesel	1210	5	6	10	0.000	0.001	0.001	0.000
270005035	Sprayers	Diesel	1210	121	38	112	0.001	0.006	0.012	0.001
270005040	Tillers	Diesel	1210	1	1	3	0.000	0.000	0.000	0.000
270005045	Swathers	Diesel	1210	606	223	552	0.009	0.036	0.064	0.004
270005050	Hydro Power Units	Diesel	1210	35	95	71	0.003	0.007	0.007	0.001
270005055	Other Agricultural Equipment	Diesel	1210	267	354	706	0.013	0.045	0.081	0.006
<b>Subtotal for AGRICULTURAL EQUIPMENT</b>				<b>29735</b>	<b>27464</b>	<b>83194</b>	<b>2.12</b>	<b>11.44</b>	<b>9.05</b>	<b>0.55</b>