

2002 Sac_NAA Offroad Equipment Summary										
Code	Equipment	Fuel	EICMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	Emissions (tons/day)			
							ROG	CO	NOX	PM

EICSUM = 840 RECREATIONAL BOATS

EICSOUN = 864 RECREATIONAL BOATS

282005010	Vessels w/Outboard Engines	GASOLINE	1100	34,177	7,310	11,189	8.739	13.444	0.246	0.598
282005025	Sailboat Auxiliary Outboard Engin	GASOLINE	1100	443	20	14	0.022	0.019	0.000	0.001
282005030	Personal Water Craft	GASOLINE	1100	13,936	1,332	5,847	4.081	6.765	0.131	0.282
282010005	Vessels w/Inboard Engines	GASOLINE	1100	9,568	3,965	23,469	1.734	34.471	1.166	0.016
282010010	Vessels w/Outboard Engines	GASOLINE	1100	2,768	592	787	0.188	1.231	0.035	0.001
282010015	Vessels w/Sterndrive Engines	GASOLINE	1100	27,486	8,941	39,274	3.673	58.133	1.900	0.027
282010020	Sailboat Auxiliary Inboard Engine	GASOLINE	1100	558	25	10	0.022	0.016	0.000	0.000
282010040	Vessels w/Inboard Jet Engines	GASOLINE	1100	3,770	1,226	8,658	0.616	12.854	0.422	0.006
282020005	Vessels w/Inboard Engines	DIESEL	1210	622	258	1,286	0.076	0.114	0.257	0.006
282020020	Sailboat Auxiliary Inboard Engine	DIESEL	1210	689	31	17	0.001	0.002	0.003	0.000
Subtotal for RECREATIONAL BOATS				94017	23700	90550	19.15	127.05	4.16	0.94

EICSUM = 850 OFF-ROAD RECREATIONAL VEHICLES

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

260001030	All Terrain Vehicles (ATVs) Active	GASOLINE	1100	2,569	10,832	400	0.439	0.619	0.000	0.005
260001031	All Terrain Vehicles (ATVs) Inactive	GASOLINE	1100	605	2,553	0	0.006	0.000	0.000	0.000
265001030	All Terrain Vehicles (ATVs) Active	GASOLINE	1100	12,992	54,776	1,103	0.331	2.038	0.038	0.004
265001031	All Terrain Vehicles (ATVs) Inactive	GASOLINE	1100	3,062	12,908	0	0.028	0.000	0.000	0.000
Subtotal for ALL-TERRAIN VEHICLES (ATV'S)				19228	81069	1503	0.80	2.66	0.04	0.01

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Code	Equipment	Fuel	EICMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	ROG	CO	NOX	PM
EICSOUN = 875		GOLF CARTS								
260001050	Golf Carts	GASOLINE	1100	216	742	416	0.244	1.260	0.007	0.009
265001050	Golf Carts	GASOLINE	1100	169	581	299	0.053	1.202	0.009	0.001
Subtotal for GOLF CARTS				384	1323	715	0.30	2.46	0.02	0.01
EICSOUN = 873		MINIBIKES								
265001040	Minibikes	GASOLINE	1100	394	170	42	0.034	0.191	0.001	0.001
Subtotal for MINIBIKES				394	170	42	0.03	0.19	0.00	0.00
EICSOUN = 872		OFF-ROAD MOTORCYCLES								
260001010	Off-Road Motorcycles Active	GASOLINE	1100	11,488	48,436	1,810	2.027	2.826	0.001	0.022
260001011	Off-Road Motorcycles Inactive	GASOLINE	1100	3,613	15,234	0	0.032	0.000	0.000	0.000
265001010	Off-Road Motorcycles Active	GASOLINE	1100	7,875	33,201	652	0.214	1.166	0.020	0.002
265001011	Off-Road Motorcycles Inactive	GASOLINE	1100	2,477	10,442	0	0.022	0.000	0.000	0.000
Subtotal for OFF-ROAD MOTORCYCLES				25453	107313	2463	2.30	3.99	0.02	0.02
EICSOUN = 870		SNOWMOBILES								
260001020	Snowmobiles Active	GASOLINE	1100	1,339	8	24	0.060	0.054	0.000	0.001
260001021	Snowmobiles Inactive	GASOLINE	1100	360	2	0	0.010	0.000	0.000	0.000
Subtotal for SNOWMOBILES				1699	10	24	0.07	0.05	0.00	0.00
EICSOUN = 877		SPECIALTY VEHICLES CARTS								
260001060	Specialty Vehicles Carts	GASOLINE	1100	2,424	502	199	0.041	0.598	0.007	0.000
265001060	Specialty Vehicles Carts	GASOLINE	1100	1,651	342	240	0.034	0.813	0.007	0.000
Subtotal for SPECIALTY VEHICLES CARTS				4075	844	439	0.08	1.41	0.01	0.00
EICSUM = 860		OFF-ROAD EQUIPMENT								
EICSOUN = 889		AIRPORT GROUND SUPPORT EQUIPMENT								

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265008010	Cargo Tractor	GASOLINE	1100	20	72	383	0.020	0.297	0.047	0.000
265008015	A/C Tug Narrow Body	GASOLINE	1100	2	4	35	0.001	0.012	0.005	0.000
265008020	A/C Tug Wide Body	GASOLINE	1100	1	1	31	0.001	0.010	0.005	0.000
265008025	Air Conditioner	GASOLINE	1100	0	0	0	0.000	0.000	0.000	0.000
265008030	Air Start Unit	GASOLINE	1100	1	0	3	0.000	0.001	0.000	0.000
265008035	Baggage Tug	GASOLINE	1100	25	60	334	0.013	0.226	0.041	0.000
265008040	Belt Loader	GASOLINE	1100	12	26	80	0.004	0.053	0.010	0.000
265008045	Bobtail	GASOLINE	1100	4	10	54	0.002	0.036	0.007	0.000
265008050	Cargo Loader	GASOLINE	1100	3	6	22	0.001	0.014	0.003	0.000
265008055	Cart	GASOLINE	1100	1	0	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	3	6	10	0.001	0.012	0.001	0.000
265008070	Fuel Truck	GASOLINE	1100	2	0	0	0.000	0.000	0.000	0.000
265008075	Ground Power Unit	GASOLINE	1100	2	5	53	0.001	0.018	0.008	0.000
265008080	Lav Cart	GASOLINE	1100	0	0	0	0.000	0.000	0.000	0.000
265008085	Lav Truck	GASOLINE	1100	3	10	29	0.001	0.010	0.004	0.000
265008090	Lift	GASOLINE	1100	5	5	27	0.001	0.017	0.003	0.000
265008095	Maint. Truck	GASOLINE	1100	4	5	27	0.001	0.008	0.004	0.000
265008100	Other GSE	GASOLINE	1100	5	3	7	0.001	0.008	0.001	0.000
265008101	Passenger Stand	GASOLINE	1100	3	1	9	0.000	0.003	0.001	0.000
265008102	Sweeper	GASOLINE	1100	0	0	1	0.000	0.000	0.000	0.000
265008103	Generator	GASOLINE	1100	0	0	3	0.000	0.002	0.000	0.000
265008105	Service Truck	GASOLINE	1100	11	24	79	0.002	0.027	0.013	0.000
265008106	Catering Truck	GASOLINE	1100	2	6	56	0.001	0.021	0.009	0.000
265008110	Water Truck	GASOLINE	1100	1	1	2	0.000	0.001	0.000	0.000
265008111	Hydrant truck	GASOLINE	1100	2	7	59	0.001	0.023	0.010	0.000
266008010	Cargo Tractor	NG	110	2	1	8	0.000	0.001	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	5	11	71	0.000	0.020	0.007	0.000
266008040	Belt Loader	NG	110	1	2	7	0.000	0.002	0.001	0.000
266008045	Bobtail	NG	110	0	0	2	0.000	0.000	0.000	0.000
266008050	Cargo Loader	NG	110	1	2	6	0.000	0.002	0.001	0.000
266008065	Forklift	NG	110	7	14	23	0.000	0.002	0.003	0.000
266008070	Fuel Truck	NG	110	0	0	1	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	3	8	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	4	15	0.000	0.003	0.002	0.000
266008106	Catering Truck	NG	110	0	0	6	0.000	0.001	0.001	0.000
270008010	Cargo Tractor	DIESEL	1210	2	6	15	0.001	0.001	0.003	0.000
270008015	A/C Tug Narrow Body	DIESEL	1210	8	14	118	0.003	0.007	0.022	0.001
270008020	A/C Tug Wide Body	DIESEL	1210	2	4	66	0.001	0.008	0.012	0.001
270008025	Air Conditioner	DIESEL	1210	2	3	25	0.000	0.001	0.004	0.000
270008030	Air Start Unit	DIESEL	1210	5	4	92	0.001	0.005	0.013	0.000
270008035	Baggage Tug	DIESEL	1210	17	65	146	0.005	0.013	0.030	0.003
270008040	Belt Loader	DIESEL	1210	8	22	34	0.001	0.003	0.007	0.001
270008045	Bobtail	DIESEL	1210	1	1	4	0.000	0.000	0.001	0.000
270008050	Cargo Loader	DIESEL	1210	10	25	72	0.002	0.006	0.013	0.001
270008065	Forklift	DIESEL	1210	1	3	8	0.000	0.000	0.001	0.000
270008070	Fuel Truck	DIESEL	1210	1	1	3	0.000	0.000	0.001	0.000
270008075	Ground Power Unit	DIESEL	1210	11	29	206	0.004	0.013	0.034	0.002
270008085	Lav Truck	DIESEL	1210	0	1	2	0.000	0.000	0.000	0.000
270008090	Lift	DIESEL	1210	2	4	13	0.000	0.001	0.002	0.000
270008100	Other GSE	DIESEL	1210	3	8	34	0.001	0.002	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	7	32	310	0.006	0.018	0.051	0.002
270008105	Service Truck	DIESEL	1210	1	2	3	0.000	0.000	0.001	0.000
270008106	Catering Truck	DIESEL	1210	0	0	2	0.000	0.000	0.000	0.000
270008111	Hydrant Truck	DIESEL	1210	1	1	7	0.000	0.000	0.001	0.000
Subtotal for AIRPORT GROUND SUPPORT EQUIPMENT				217	518	2614	0.08	0.92	0.39	0.01
EICSOUN = 904		COMMERCIAL (COMMERCIAL)								
260006005	Generator Sets	GASOLINE	1100	193	68	8	0.010	0.022	0.000	0.000
260006010	Pumps	GASOLINE	1100	881	606	116	0.077	0.327	0.003	0.003
265006005	Generator Sets	GASOLINE	1100	6,416	2,479	1,545	0.373	5.401	0.043	0.006
265006010	Pumps	GASOLINE	1100	1,441	1,032	489	0.122	1.750	0.013	0.011
265006015	Air Compressors	GASOLINE	1100	416	636	194	0.038	0.542	0.009	0.003
265006025	Welders	GASOLINE	1100	1,637	1,038	1,039	0.160	3.687	0.028	0.021
265006030	Pressure Washers	GASOLINE	1100	1,018	377	242	0.068	0.843	0.006	0.002
Subtotal for COMMERCIAL (COMMERCIAL)				12001	6235	3633	0.85	12.57	0.10	0.05
EICSOUN = 906		COMMERCIAL (OTHER)								
265006005	Generator Sets	GASOLINE	1100	842	295	883	0.050	0.778	0.085	0.001
265006010	Pumps	GASOLINE	1100	128	86	404	0.018	0.286	0.050	0.000
265006015	Air Compressors	GASOLINE	1100	94	139	516	0.025	0.372	0.066	0.000
265006025	Welders	GASOLINE	1100	231	146	461	0.023	0.360	0.053	0.000
265006030	Pressure Washers	GASOLINE	1100	6	2	6	0.000	0.006	0.000	0.000
266006005	Generator Sets	NG	110	18	6	54	0.000	0.010	0.005	0.000
266006020	Gas Compressors	NG	110	6	157	1,677	0.003	0.417	0.151	0.001
270006005	Generator Sets	DIESEL	1210	1,127	1,161	3,250	0.082	0.249	0.494	0.031
270006010	Pumps	DIESEL	1210	600	737	1,682	0.049	0.136	0.266	0.019
270006015	Air Compressors	DIESEL	1210	439	1,091	3,189	0.086	0.260	0.537	0.038

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270006025	Welders	DIESEL	1210	599	1,174	1,397	0.064	0.152	0.211	0.020
270006030	Pressure Washers	DIESEL	1210	23	10	4	0.000	0.000	0.001	0.000
Subtotal for COMMERCIAL (OTHER)				4115	5005	13522	0.40	3.03	1.92	0.11
EICSOUN = 905		COMMERCIAL (RESIDENTIAL)								
260006005	Generator Sets	GASOLINE	1100	2	1	1	0.000	0.001	0.000	0.000
260006010	Pumps	GASOLINE	1100	93	50	41	0.026	0.109	0.001	0.001
265006005	Generator Sets	GASOLINE	1100	6,786	2,149	2,657	0.439	9.214	0.074	0.005
265006010	Pumps	GASOLINE	1100	676	394	401	0.063	1.416	0.011	0.010
265006015	Air Compressors	GASOLINE	1100	94	116	79	0.012	0.279	0.002	0.002
265006030	Pressure Washers	GASOLINE	1100	380	113	126	0.022	0.439	0.004	0.000
Subtotal for COMMERCIAL (RESIDENTIAL)				8032	2823	3305	0.56	11.46	0.09	0.02
EICSOUN = 887		CONSTRUCTION AND MINING EQUIPMENT								
260002006	Tampers/Rammers	GASOLINE	1100	185	92	22	0.012	0.068	0.001	0.001
260002009	Plate Compactors	GASOLINE	1100	16	9	2	0.001	0.007	0.000	0.000
265002003	Asphalt Pavers	GASOLINE	1100	17	18	36	0.004	0.076	0.002	0.001
265002006	Tampers/Rammers	GASOLINE	1100	9	4	3	0.000	0.009	0.000	0.000
265002009	Plate Compactors	GASOLINE	1100	646	340	140	0.050	0.475	0.004	0.004
265002015	Rollers	GASOLINE	1100	138	101	138	0.019	0.335	0.009	0.003
265002021	Paving Equipment	GASOLINE	1100	1,212	622	384	0.106	1.280	0.012	0.010
265002024	Surfacing Equipment	GASOLINE	1100	323	376	180	0.041	0.628	0.005	0.005
265002027	Signal Boards	GASOLINE	1100	8	6	4	0.001	0.015	0.000	0.000
265002030	Trenchers	GASOLINE	1100	150	174	270	0.033	0.683	0.015	0.005
265002033	Bore/Drill Rigs	GASOLINE	1100	20	6	22	0.002	0.030	0.002	0.000
265002039	Concrete/Industrial Saws	GASOLINE	1100	244	195	231	0.036	0.687	0.010	0.006
265002042	Cement and Mortar Mixers	GASOLINE	1100	1,685	421	211	0.103	0.729	0.007	0.004
265002045	Cranes	GASOLINE	1100	4	5	15	0.001	0.012	0.002	0.000

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265002054	Crushing/Proc. Equipment	GASOLINE	1100	4	3	11	0.001	0.015	0.001	0.000
265002057	Rough Terrain Forklifts	GASOLINE	1100	9	10	53	0.003	0.037	0.007	0.000
265002060	Rubber Tired Loaders	GASOLINE	1100	11	15	56	0.003	0.043	0.007	0.000
265002066	Tractors/Loaders/Backhoes	GASOLINE	1100	5	12	36	0.002	0.027	0.005	0.000
265002072	Skid Steer Loaders	GASOLINE	1100	288	248	420	0.051	1.047	0.024	0.008
265002078	Dumpers/Tenders	GASOLINE	1100	113	46	21	0.008	0.071	0.001	0.000
265002081	Other Construction Equipment	GASOLINE	1100	4	4	22	0.001	0.007	0.004	0.000
270002003	Pavers	DIESEL	1210	160	366	1,319	0.045	0.124	0.242	0.017
270002009	Plate Compactors	DIESEL	1210	19	31	6	0.000	0.000	0.001	0.000
270002015	Rollers	DIESEL	1210	470	899	2,774	0.080	0.226	0.489	0.034
270002018	Scrapers	DIESEL	1210	104	319	3,920	0.077	0.360	0.677	0.032
270002021	Paving Equipment	DIESEL	1210	33	75	238	0.007	0.020	0.045	0.003
270002024	Surfacing Equipment	DIESEL	1210	6	7	56	0.001	0.004	0.009	0.000
270002027	Signal Boards	DIESEL	1210	190	373	285	0.006	0.020	0.042	0.003
270002030	Trenchers	DIESEL	1210	458	799	2,180	0.091	0.228	0.392	0.033
270002033	Bore/Drill Rigs	DIESEL	1210	60	138	1,225	0.018	0.052	0.164	0.007
270002036	Excavators	DIESEL	1210	1,038	4,019	22,033	0.491	1.463	3.631	0.207
270002039	Concrete/Industrial Saws	DIESEL	1210	6	9	26	0.001	0.002	0.004	0.000
270002042	Cement and Mortar Mixers	DIESEL	1210	33	27	9	0.000	0.001	0.001	0.000
270002045	Cranes	DIESEL	1210	114	399	2,788	0.057	0.226	0.485	0.023
270002048	Graders	DIESEL	1210	364	958	5,823	0.129	0.379	1.014	0.055
270002051	Off-Highway Trucks	DIESEL	1210	93	506	6,632	0.109	0.418	1.052	0.043
270002054	Crushing/Proc. Equipment	DIESEL	1210	55	142	877	0.023	0.070	0.145	0.009
270002057	Rough Terrain Forklifts	DIESEL	1210	363	1,118	3,617	0.112	0.300	0.648	0.054
270002060	Rubber Tired Loaders	DIESEL	1210	1,046	2,807	14,044	0.319	0.988	2.402	0.140
270002063	Rubber Tired Dozers	DIESEL	1210	41	183	2,073	0.044	0.219	0.382	0.018

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270002066	Tractors/Loaders/Backho es	DIESEL	1210	1,639	4,330	13,670	0.380	1.050	2.264	0.176
270002069	Crawler Tractors	DIESEL	1210	859	2,518	13,304	0.343	1.109	2.460	0.154
270002072	Skid Steer Loaders	DIESEL	1210	1,675	3,867	5,453	0.267	0.618	0.761	0.080
270002075	Off-Highway Tractors	DIESEL	1210	153	474	3,693	0.086	0.318	0.702	0.036
270002078	Dumpers/Tenders	DIESEL	1210	1	3	1	0.000	0.000	0.000	0.000
270002081	Other Construction Equipment	DIESEL	1210	75	141	791	0.013	0.048	0.115	0.005
Subtotal for CONSTRUCTION AND MINING EQUIPMENT				14146	27218	109118	3.18	14.52	18.24	1.18
EICSOUN = 894		ENTERTAINMENT								
270014005	Generator (Entertainment)	DIESEL	1210	27	25	257	0.004	0.016	0.039	0.002
270014010	Compressor (Entertainment)	DIESEL	1210	0	0	0	0.000	0.000	0.000	0.000
Subtotal for ENTERTAINMENT				27	25	257	0.00	0.02	0.04	0.00
EICSOUN = 886		INDUSTRIAL EQUIPMENT								
260003040	Other General Industrial Equipmen	GASOLINE	1100	2	2	1	0.000	0.002	0.000	0.000
265003010	Aerial Lifts	GASOLINE	1100	54	54	107	0.008	0.134	0.011	0.001
265003020	Forklifts	GASOLINE	1100	296	1,449	3,022	0.169	2.721	0.361	0.002
265003030	Sweepers/Scrubbers	GASOLINE	1100	54	61	188	0.011	0.207	0.019	0.000
265003040	Other General Industrial Equipmen	GASOLINE	1100	36	46	62	0.006	0.107	0.005	0.000
265003050	Other Material Handling Equipment	GASOLINE	1100	4	4	12	0.001	0.008	0.001	0.000
266003010	Aerial Lifts	NG	110	18	18	23	0.000	0.025	0.001	0.000
266003020	Forklifts	NG	110	543	2,657	5,964	0.014	1.621	0.607	0.003
270003010	Aerial Lifts	DIESEL	1210	133	140	224	0.007	0.019	0.033	0.002
270003020	Forklifts	DIESEL	1210	105	514	1,279	0.029	0.080	0.202	0.011
270003030	Sweepers/Scrubbers	DIESEL	1210	86	280	1,014	0.032	0.085	0.166	0.013

2002 Sac_NAA Offroad Equipment Summary							Emissions (tons/day)			
Code	Equipment	Fuel	EICMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	ROG	CO	NOX	PM
270003040	Other General Industrial Equipment	DIESEL	1210	105	408	2,843	0.055	0.211	0.467	0.023
270003050	Other Material Handling Equipment	DIESEL	1210	5	18	113	0.002	0.008	0.019	0.001
Subtotal for INDUSTRIAL EQUIPMENT				1442	5651	14851	0.33	5.23	1.89	0.06
EICSOUN = 901		LAWN AND GARDEN (COMMERCIAL)								
260004010	Lawn Mowers	GASOLINE	1100	2,199	1,533	175	0.034	0.360	0.011	0.003
260004020	Chainsaws	GASOLINE	1100	6,712	5,923	573	0.510	0.866	0.011	0.001
260004021	Chainsaws Preempt	GASOLINE	1100	3,453	3,047	572	0.496	1.207	0.004	0.001
260004025	Trimmers/Edgers/Brush Cutters	GASOLINE	1100	12,841	4,755	217	0.146	0.383	0.005	0.001
260004030	Leaf Blowers/Vacuums	GASOLINE	1100	19,176	11,488	628	0.502	1.028	0.013	0.002
260004035	Snowblowers	GASOLINE	1100	42	0	0	0.000	0.000	0.000	0.000
260004050	Shredders	GASOLINE	1100	97	40	20	0.002	0.062	0.001	0.001
260004070	Commercial Turf Equipment	GASOLINE	1100	77	187	119	0.013	0.363	0.004	0.000
260004075	Other Lawn & Garden Equipment	GASOLINE	1100	31	7	1	0.001	0.002	0.000	0.000
265004010	Lawn Mowers	GASOLINE	1100	13,021	9,079	1,116	0.212	2.619	0.066	0.020
265004015	Tillers	GASOLINE	1100	1,351	230	44	0.014	0.146	0.001	0.000
265004025	Trimmers/Edgers/Brush Cutters	GASOLINE	1100	2,377	984	39	0.010	0.121	0.001	0.001
265004030	Leaf Blowers/Vacuums	GASOLINE	1100	606	115	9	0.002	0.030	0.000	0.000
265004035	Snowblowers	GASOLINE	1100	791	4	1	0.001	0.002	0.000	0.000
265004040	Rear Engine Riding Mowers	GASOLINE	1100	7,162	5,929	2,129	0.235	6.725	0.090	0.004
265004045	Front Mowers	GASOLINE	1100	583	482	316	0.029	1.009	0.013	0.001
265004050	Shredders	GASOLINE	1100	257	106	38	0.007	0.116	0.001	0.001
265004055	Lawn & Garden Tractors	GASOLINE	1100	9,798	891	633	0.164	2.066	0.022	0.001
265004060	Wood Splitters	GASOLINE	1100	439	172	66	0.013	0.205	0.002	0.001
265004065	Chippers/Stump Grinders	GASOLINE	1100	41	159	256	0.033	0.878	0.006	0.008

2002 Sac_NAA Offroad Equipment Summary										
Code	Equipment	Fuel	EICMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	Emissions (tons/day)			
							ROG	CO	NOX	PM
265004070	Commercial Turf Equipment	GASOLINE	1100	691	1,685	1,367	0.181	4.642	0.042	0.003
265004075	Other Lawn & Garden Equipment	GASOLINE	1100	591	124	44	0.008	0.145	0.001	0.000
Subtotal for LAWN AND GARDEN (COMMERCIAL)				82335	46941	8362	2.61	22.98	0.30	0.05
EICSOUN = 903		LAWN AND GARDEN (OTHER)								
265004055	Lawn & Garden Tractors	GASOLINE	1100	7	2	4	0.000	0.004	0.000	0.000
265004070	Commercial Turf Equipment	GASOLINE	1100	93	207	336	0.023	0.426	0.026	0.000
265004075	Other Lawn & Garden Equipment	GASOLINE	1100	1	0	1	0.000	0.001	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	8	0	4	0.000	0.000	0.001	0.000
270004055	Lawn & Garden Tractors	DIESEL	1210	1,902	3,155	1,662	0.034	0.132	0.215	0.014
270004065	Chippers/Stump Grinders	DIESEL	1210	24	34	445	0.008	0.032	0.070	0.003
270004070	Commercial Turf Equipment	DIESEL	1210	532	1,732	1,126	0.019	0.070	0.126	0.008
270004075	Other Lawn & Garden Equipment	DIESEL	1210	0	1	0	0.000	0.000	0.000	0.000
Subtotal for LAWN AND GARDEN (OTHER)				2567	5132	3578	0.08	0.67	0.44	0.02
EICSOUN = 902		LAWN AND GARDEN (RESIDENTIAL)								
260004010	Lawn Mowers	GASOLINE	1100	16,515	781	166	0.216	0.417	0.002	0.005
260004020	Chainsaws	GASOLINE	1100	75,511	1,129	151	0.265	0.361	0.001	0.003
260004021	Chainsaws Preempt	GASOLINE	1100	38,844	581	125	0.179	0.299	0.001	0.002
260004025	Trimmers/Edgers/Brush Cutters	GASOLINE	1100	143,132	9,387	580	0.606	1.223	0.007	0.010
260004030	Leaf Blowers/Vacuums	GASOLINE	1100	49,438	724	66	0.139	0.164	0.000	0.001
260004035	Snowblowers	GASOLINE	1100	375	0	0	0.001	0.000	0.000	0.000
260004050	Shredders	GASOLINE	1100	3,452	9	7	0.012	0.018	0.000	0.000
260004075	Other Lawn & Garden Equipment	GASOLINE	1100	955	13	3	0.008	0.006	0.000	0.000

2002 Sac_NAA Offroad Equipment Summary										
Code	Equipment	Fuel	ECMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	Emissions (tons/day)			
							ROG	CO	NOX	PM
265004010	Lawn Mowers	GASOLINE	1100	206,421	9,759	1,897	1.496	6.764	0.040	0.016
265004015	Tillers	GASOLINE	1100	5,249	288	64	0.039	0.233	0.001	0.001
265004025	Trimmers/Edgers/Brush Cutters	GASOLINE	1100	11,074	726	40	0.020	0.149	0.001	0.001
265004030	Leaf Blowers/Vacuums	GASOLINE	1100	521	8	1	0.001	0.003	0.000	0.000
265004035	Snowblowers	GASOLINE	1100	7,114	1	0	0.011	0.001	0.000	0.000
265004040	Rear Engine Riding Mowers	GASOLINE	1100	6,281	540	213	0.102	0.725	0.007	0.000
265004045	Front Mowers	GASOLINE	1100	18,843	1,621	1,156	0.342	3.948	0.033	0.002
265004050	Shredders	GASOLINE	1100	9,543	26	12	0.020	0.043	0.000	0.000
265004055	Lawn & Garden Tractors	GASOLINE	1100	3,864	351	393	0.073	1.306	0.012	0.001
265004060	Wood Splitters	GASOLINE	1100	10,974	37	17	0.063	0.062	0.000	0.000
265004065	Chippers/Stump Grinders	GASOLINE	1100	74	4	6	0.001	0.021	0.000	0.000
265004075	Other Lawn & Garden Equipment	GASOLINE	1100	18,104	237	93	0.113	0.331	0.002	0.000
Subtotal for LAWN AND GARDEN (RESIDENTIAL)				626283	26222	4988	3.70	16.08	0.11	0.04
EICSOUN = 885		LIGHT COMMERCIAL EQUIPMENT								
270008115	Compressor (GSE)	DIESEL	1210	1	2	22	0.000	0.001	0.003	0.000
Subtotal for LIGHT COMMERCIAL EQUIPMENT				1	2	22	0.00	0.00	0.00	0.00
EICSOUN = 888		LOGGING EQUIPMENT								
260007005	Chainsaws	GASOLINE	1100	100	56	63	0.055	0.128	0.000	0.000
265007010	Shredders	GASOLINE	1100	157	103	82	0.010	0.279	0.002	0.003
270007010	Shredders	DIESEL	1210	0	0	0	0.000	0.000	0.000	0.000
270007015	Skidders	DIESEL	1210	19	74	471	0.010	0.027	0.074	0.004
270007020	Fellers/Bunchers	DIESEL	1210	41	142	964	0.018	0.051	0.145	0.008
Subtotal for LOGGING EQUIPMENT				316	374	1580	0.09	0.48	0.22	0.01
EICSOUN = 892		MILITARY TACTICAL SUPPORT EQUIPMENT								
270011005	A/C unit	DIESEL	1210	16	13	68	0.001	0.004	0.011	0.001
270011010	Aircraft Support	DIESEL	1210	7	5	21	0.000	0.001	0.003	0.000

2002 Sac_NAA Offroad Equipment Summary							Emissions (tons/day)			
Code	Equipment	Fuel	EICMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	ROG	CO	NOX	PM
270011015	Cart	DIESEL	1210	2	2	9	0.000	0.001	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	66	0.001	0.004	0.010	0.001
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	523	0.011	0.033	0.084	0.004
270011060	Hydraulic unit	DIESEL	1210	7	5	18	0.000	0.001	0.003	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	0.001	0.002	0.003	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	0.001	0.002	0.006	0.000
270011100	Welder	DIESEL	1210	8	6	12	0.000	0.001	0.002	0.000
270011105	Other tactical support equipment	DIESEL	1210	4	3	17	0.000	0.001	0.003	0.000
Subtotal for MILITARY TACTICAL SUPPORT EQUIPME				227	185	803	0.02	0.05	0.13	0.01
EICSOUN = 891		OIL DRILLING AND WORKOVER								
270010005	Compressors (Workover)	DIESEL	1210	7	22	224	0.004	0.020	0.037	0.002
270010010	Pump (Workover)	DIESEL	1210	31	103	1,621	0.030	0.146	0.274	0.012
270010015	Generator (Workover)	DIESEL	1210	9	30	197	0.004	0.017	0.034	0.002
270010020	Swivel	DIESEL	1210	6	18	87	0.002	0.007	0.016	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	564	0.012	0.051	0.097	0.005
270010035	Lift (Drilling)	DIESEL	1210	6	19	233	0.004	0.020	0.038	0.002
270010040	Pump (Drilling)	DIESEL	1210	29	98	1,354	0.025	0.118	0.223	0.010
270010045	Generator (Drilling)	DIESEL	1210	6	21	163	0.003	0.013	0.028	0.001
270010055	Drill Rig	DIESEL	1210	88	173	4,715	0.041	0.123	0.558	0.015

2002 Sac_NAA Offroad Equipment Summary							Emissions (tons/day)			
Code	Equipment	Fuel	EICMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	ROG	CO	NOX	PM
270010057	Drill Rig (Mobile)	DIESEL	1210	1	10	145	0.004	0.021	0.029	0.001
270010058	Workover Rig (Mobile)	DIESEL	1210	67	520	6,813	0.175	0.988	1.363	0.070
270010060	Pressure Washers	DIESEL	1210	0	0	1	0.000	0.000	0.000	0.000
Subtotal for OIL DRILLING AND WORKOVER				268	1077	16119	0.30	1.52	2.70	0.12
EICSOUN = 995		OTHER								
270013010	Misc Portable Equipment	DIESEL	1210	42	62	378	0.008	0.028	0.062	0.003
Subtotal for OTHER				42	62	378	0.01	0.03	0.06	0.00
EICSOUN = 897		RAIL OPERATIONS								
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
Subtotal for RAIL OPERATIONS				0	1	3	0.00	0.00	0.00	0.00
EICSOUN = 884		TRANSPORT REFRIGERATION UNITS								
265009005	Transport Refrigeration Units	DIESEL	1210	385	786	543	0.069	1.835	0.021	0.001
270009005	Transport Refrigeration Units	GASOLINE	1100	519	1,467	650	0.014	0.053	0.086	0.006
270009005	Transport Refrigeration Units	DIESEL	1210	2,580	10,283	12,546	0.823	1.810	1.485	0.184
Subtotal for TRANSPORT REFRIGERATION UNITS				3484	12536	13738	0.91	3.70	1.59	0.19
EICSUM = 870		FARM EQUIPMENT								
EICSOUN = 893		AGRICULTURAL EQUIPMENT								
265005010	2-Wheel Tractors	GASOLINE	1100	186	158	84	0.016	0.347	0.002	0.003
265005015	Agricultural Tractors	GASOLINE	1100	42	77	418	0.019	0.334	0.058	0.000
265005020	Combines	GASOLINE	1100	15	6	58	0.002	0.031	0.009	0.000
265005025	Balers	GASOLINE	1100	203	46	119	0.014	0.120	0.013	0.000

2002 Sac_NAA Offroad Equipment Summary							Emissions (tons/day)			
Code	Equipment	Fuel	EICMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	ROG	CO	NOX	PM
265005030	Agricultural Mowers	GASOLINE	1100	160	96	72	0.012	0.305	0.002	0.002
265005035	Sprayers	GASOLINE	1100	784	252	201	0.034	0.606	0.013	0.003
265005040	Tillers	GASOLINE	1100	11,368	2,700	1,633	0.409	6.816	0.052	0.003
265005045	Swathers	GASOLINE	1100	244	77	404	0.022	0.212	0.060	0.000
265005050	Hydro Power Units	GASOLINE	1100	77	100	72	0.011	0.284	0.002	0.002
265005055	Other Agricultural Equipment	GASOLINE	1100	62	28	61	0.004	0.071	0.008	0.000
270005015	Agricultural Tractors	DIESEL	1210	13,966	22,697	77,949	2.063	6.935	12.355	0.765
270005020	Combines	DIESEL	1210	345	173	1,095	0.019	0.072	0.166	0.007
270005025	Balers	DIESEL	1210	111	35	88	0.002	0.008	0.014	0.001
270005030	Agricultural Mowers	DIESEL	1210	5	6	10	0.000	0.001	0.002	0.000
270005035	Sprayers	DIESEL	1210	121	38	112	0.002	0.008	0.017	0.001
270005040	Tillers	DIESEL	1210	1	1	3	0.000	0.000	0.000	0.000
270005045	Swathers	DIESEL	1210	606	223	555	0.014	0.049	0.091	0.006
270005050	Hydro Power Units	DIESEL	1210	35	95	71	0.004	0.010	0.009	0.001
270005055	Other Agricultural Equipment	DIESEL	1210	267	354	710	0.020	0.066	0.114	0.008
Subtotal for AGRICULTURAL EQUIPMENT				28599	27164	83718	2.67	16.28	12.99	0.80