

2014 Sac_NAA Offroad Equipment Summary						Fuel Usage Gal/Day	Emissions (tons/day)			
Code	Equipment	Fuel	EICMAT	Population	Total Hours/Day		ROG	CO	NOX	PM

EICSUM = 840 RECREATIONAL BOATS

EICSOUN = 864 RECREATIONAL BOATS

282005010	Vessels w/Outboard Engines	Gasoline	1100	34,121	7,298	8,612	5.533	6.670	0.388	0.597
282005025	Sailboat Auxiliary Outboard Engin	Gasoline	1100	401	18	9	0.018	0.008	0.000	0.001
282005030	Personal Water Craft	Gasoline	1100	29,979	3,352	12,784	2.868	4.426	0.592	0.979
282010005	Vessels w/Inboard Engines	Gasoline	1100	15,654	6,487	36,472	2.484	45.977	1.649	0.026
282010010	Vessels w/Outboard Engines	Gasoline	1100	2,757	590	811	0.243	1.381	0.036	0.001
282010015	Vessels w/Sterndrive Engines	Gasoline	1100	38,319	12,465	51,842	4.872	65.322	2.294	0.037
282010020	Sailboat Auxiliary Inboard Engine	Gasoline	1100	506	23	10	0.027	0.017	0.000	0.000
282010040	Vessels w/Inboard Jet Engines	Gasoline	1100	4,360	1,418	9,476	0.584	11.962	0.435	0.007
282020005	Vessels w/Inboard Engines	Diesel	1210	1,017	421	2,103	0.124	0.186	0.425	0.011
282020020	Sailboat Auxiliary Inboard Engine	Diesel	1210	624	28	15	0.001	0.001	0.003	0.000
Subtotal for RECREATIONAL BOATS				127737	32100	122135	16.76	135.95	5.82	1.66

EICSUM = 850 OFF-ROAD RECREATIONAL VEHICLES

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

260001030	All Terrain Vehicles (ATVs) Active	Gasoline	1100	4,479	18,883	716	0.799	1.126	0.000	0.009
260001031	All Terrain Vehicles (ATVs) Inactive	Gasoline	1100	1,360	5,732	0	0.014	0.000	0.000	0.000
265001030	All Terrain Vehicles (ATVs) Active	Gasoline	1100	22,648	95,488	1,796	0.526	3.024	0.072	0.006
265001031	All Terrain Vehicles (ATVs) Inactive	Gasoline	1100	6,875	28,988	0	0.069	0.000	0.000	0.000
Subtotal for ALL-TERRAIN VEHICLES (ATV'S)				35362	149091	2512	1.41	4.15	0.07	0.02

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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	31	106	40	0.003	0.109	0.001	0.000
265001050	Golf Carts	Gasoline	1100	24	83	35	0.003	0.107	0.001	0.000
Subtotal for GOLF CARTS				55	189	75	0.01	0.22	0.00	0.00
EICSOUN = 873		MINIBIKES								
265001040	Minibikes	Gasoline	1100	586	252	61	0.067	0.264	0.001	0.001
Subtotal for MINIBIKES				586	252	61	0.07	0.26	0.00	0.00
EICSOUN = 872		OFF-ROAD MOTORCYCLES								
260001010	Off-Road Motorcycles Active	Gasoline	1100	20,006	84,348	3,197	3.639	5.030	0.001	0.039
260001011	Off-Road Motorcycles Inactive	Gasoline	1100	8,014	33,788	0	0.076	0.000	0.000	0.000
265001010	Off-Road Motorcycles Active	Gasoline	1100	13,713	57,817	1,079	0.362	1.787	0.034	0.004
265001011	Off-Road Motorcycles Inactive	Gasoline	1100	5,493	23,160	0	0.052	0.000	0.000	0.000
Subtotal for OFF-ROAD MOTORCYCLES				47227	199113	4276	4.13	6.82	0.03	0.04
EICSOUN = 870		SNOWMOBILES								
260001020	Snowmobiles Active	Gasoline	1100	2,261	14	32	0.104	0.069	0.001	0.001
260001021	Snowmobiles Inactive	Gasoline	1100	787	5	0	0.025	0.000	0.000	0.000
Subtotal for SNOWMOBILES				3048	19	32	0.13	0.07	0.00	0.00
EICSOUN = 877		SPECIALTY VEHICLES CARTS								
260001060	Specialty Vehicles Carts	Gasoline	1100	3,682	763	281	0.045	0.767	0.008	0.001
265001060	Specialty Vehicles Carts	Gasoline	1100	2,508	520	339	0.034	1.058	0.008	0.001
Subtotal for SPECIALTY VEHICLES CARTS				6191	1282	620	0.08	1.83	0.02	0.00
EICSUM = 860		OFF-ROAD EQUIPMENT								
EICSOUN = 889		AIRPORT GROUND SUPPORT EQUIPMENT								

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Code	Equipment	Fuel	ECMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	ROG	CO	NOX	PM
265008010	Cargo Tractor	Gasoline	1100	28	102	536	0.013	0.417	0.025	0.000
265008015	A/C Tug Narrow Body	Gasoline	1100	3	5	50	0.001	0.019	0.003	0.000
265008020	A/C Tug Wide Body	Gasoline	1100	1	1	44	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	36	85	446	0.008	0.180	0.013	0.000
265008040	Belt Loader	Gasoline	1100	17	37	107	0.003	0.045	0.003	0.000
265008045	Bobtail	Gasoline	1100	6	14	72	0.001	0.029	0.002	0.000
265008050	Cargo Loader	Gasoline	1100	5	9	29	0.001	0.013	0.001	0.000
265008055	Cart	Gasoline	1100	2	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	14	0.001	0.016	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	75	0.001	0.026	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	14	41	0.001	0.016	0.002	0.000
265008090	Lift	Gasoline	1100	7	8	37	0.002	0.018	0.002	0.000
265008095	Maint. Truck	Gasoline	1100	5	6	38	0.001	0.013	0.002	0.000
265008100	Other GSE	Gasoline	1100	8	4	10	0.001	0.010	0.000	0.000
265008101	Passenger Stand	Gasoline	1100	4	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	15	35	112	0.003	0.045	0.008	0.000
265008106	Catering Truck	Gasoline	1100	3	8	81	0.002	0.034	0.006	0.000
265008110	Water Truck	Gasoline	1100	1	1	3	0.000	0.001	0.000	0.000
265008111	Hydrant truck	Gasoline	1100	3	11	85	0.002	0.039	0.007	0.000
266008010	Cargo Tractor	NG	110	3	1	12	0.000	0.002	0.000	0.000
266008025	Air Conditioner	NG	110	1	0	0	0.000	0.000	0.000	0.000

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Code	Equipment	Fuel	EICMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	ROG	CO	NOX	PM
266008035	Baggage Tug	NG	110	7	16	101	0.000	0.029	0.005	0.000
266008040	Belt Loader	NG	110	2	3	10	0.000	0.002	0.000	0.000
266008045	Bobtail	NG	110	0	0	2	0.000	0.001	0.000	0.000
266008050	Cargo Loader	NG	110	1	2	9	0.000	0.003	0.000	0.000
266008065	Forklift	NG	110	10	20	32	0.000	0.003	0.001	0.000
266008070	Fuel Truck	NG	110	0	1	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	21	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	22	0.000	0.002	0.002	0.000
270008015	A/C Tug Narrow Body	Diesel	1210	12	20	166	0.002	0.006	0.020	0.001
270008020	A/C Tug Wide Body	Diesel	1210	3	6	93	0.001	0.005	0.010	0.000
270008025	Air Conditioner	Diesel	1210	2	5	35	0.000	0.002	0.002	0.000
270008030	Air Start Unit	Diesel	1210	7	6	130	0.001	0.003	0.009	0.000
270008035	Baggage Tug	Diesel	1210	24	92	206	0.005	0.017	0.028	0.003
270008040	Belt Loader	Diesel	1210	12	31	48	0.001	0.004	0.006	0.001
270008045	Bobtail	Diesel	1210	1	2	6	0.000	0.000	0.001	0.000
270008050	Cargo Loader	Diesel	1210	14	35	102	0.002	0.008	0.011	0.001
270008065	Forklift	Diesel	1210	2	4	11	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	16	42	292	0.003	0.018	0.026	0.001
270008085	Lav Truck	Diesel	1210	0	1	2	0.000	0.000	0.000	0.000
270008090	Lift	Diesel	1210	3	6	19	0.000	0.001	0.002	0.000
270008100	Other GSE	Diesel	1210	5	12	47	0.001	0.003	0.005	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	46	438	0.004	0.017	0.037	0.002
270008105	Service Truck	Diesel	1210	2	2	5	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	10	0.000	0.001	0.001	0.000
Subtotal for AIRPORT GROUND SUPPORT EQUIPMENT				308	736	3655	0.06	1.08	0.25	0.01
EICSOUN = 904		COMMERCIAL (COMMERCIAL)								
260006005	Generator Sets	Gasoline	1100	220	77	5	0.009	0.010	0.000	0.000
260006010	Pumps	Gasoline	1100	1,007	693	84	0.034	0.203	0.004	0.003
265006005	Generator Sets	Gasoline	1100	7,333	2,833	1,401	0.303	4.150	0.054	0.007
265006010	Pumps	Gasoline	1100	1,647	1,179	398	0.075	1.104	0.022	0.011
265006015	Air Compressors	Gasoline	1100	475	727	196	0.029	0.471	0.012	0.003
265006025	Welders	Gasoline	1100	1,871	1,186	1,006	0.113	3.133	0.045	0.038
265006030	Pressure Washers	Gasoline	1100	1,164	431	199	0.048	0.536	0.008	0.002
Subtotal for COMMERCIAL (COMMERCIAL)				13716	7126	3289	0.61	9.61	0.15	0.06
EICSOUN = 906		COMMERCIAL (OTHER)								
265006005	Generator Sets	Gasoline	1100	963	337	973	0.076	0.687	0.045	0.001
265006010	Pumps	Gasoline	1100	146	99	440	0.017	0.210	0.018	0.000
265006015	Air Compressors	Gasoline	1100	108	159	577	0.026	0.359	0.035	0.000
265006025	Welders	Gasoline	1100	264	167	510	0.030	0.318	0.028	0.000
265006030	Pressure Washers	Gasoline	1100	7	2	6	0.001	0.005	0.000	0.000
266006005	Generator Sets	NG	110	21	7	61	0.000	0.012	0.003	0.000
266006020	Gas Compressors	NG	110	7	179	1,903	0.001	0.464	0.040	0.001
270006005	Generator Sets	Diesel	1210	1,277	1,315	3,652	0.045	0.194	0.329	0.019
270006010	Pumps	Diesel	1210	680	835	1,891	0.028	0.119	0.182	0.012
270006015	Air Compressors	Diesel	1210	498	1,236	3,583	0.051	0.203	0.342	0.024

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270006025	Welders	Diesel	1210	679	1,331	1,566	0.038	0.134	0.160	0.013
270006030	Pressure Washers	Diesel	1210	26	12	5	0.000	0.000	0.000	0.000
Subtotal for COMMERCIAL (OTHER)				4675	5679	15169	0.31	2.71	1.18	0.07
EICSOUN = 905		COMMERCIAL (RESIDENTIAL)								
260006005	Generator Sets	Gasoline	1100	2	1	0	0.000	0.001	0.000	0.000
260006010	Pumps	Gasoline	1100	107	57	30	0.004	0.083	0.001	0.001
265006005	Generator Sets	Gasoline	1100	7,755	2,457	2,688	0.403	8.483	0.097	0.006
265006010	Pumps	Gasoline	1100	773	450	385	0.042	1.192	0.018	0.015
265006015	Air Compressors	Gasoline	1100	108	133	76	0.007	0.232	0.004	0.003
265006030	Pressure Washers	Gasoline	1100	435	129	127	0.021	0.401	0.005	0.000
Subtotal for COMMERCIAL (RESIDENTIAL)				9180	3226	3308	0.48	10.39	0.13	0.03
EICSOUN = 887		CONSTRUCTION AND MINING EQUIPMENT								
260002006	Tampers/Rammers	Gasoline	1100	212	105	21	0.004	0.057	0.001	0.001
260002009	Plate Compactors	Gasoline	1100	18	10	2	0.000	0.006	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	741	389	129	0.021	0.367	0.007	0.004
265002015	Rollers	Gasoline	1100	157	114	134	0.010	0.290	0.007	0.003
265002021	Paving Equipment	Gasoline	1100	1,387	712	357	0.046	1.011	0.018	0.011
265002024	Surfacing Equipment	Gasoline	1100	370	430	166	0.018	0.495	0.009	0.006
265002027	Signal Boards	Gasoline	1100	9	7	4	0.000	0.012	0.000	0.000
265002030	Trenchers	Gasoline	1100	167	194	263	0.021	0.594	0.014	0.006
265002033	Bore/Drill Rigs	Gasoline	1100	21	7	22	0.001	0.025	0.001	0.000
265002039	Concrete/Industrial Saws	Gasoline	1100	279	222	219	0.017	0.559	0.009	0.007
265002042	Cement and Mortar Mixers	Gasoline	1100	1,931	483	203	0.088	0.604	0.009	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	0.002	0.030	0.004	0.000
265002060	Rubber Tired Loaders	Gasoline	1100	11	15	55	0.003	0.035	0.004	0.000
265002066	Tractors/Loaders/Backhoes	Gasoline	1100	5	12	35	0.001	0.019	0.001	0.000
265002072	Skid Steer Loaders	Gasoline	1100	321	277	407	0.030	0.887	0.014	0.010
265002078	Dumpers/Tenders	Gasoline	1100	130	52	20	0.006	0.059	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	195	442	1,579	0.032	0.117	0.179	0.012
270002009	Plate Compactors	Diesel	1210	23	38	7	0.000	0.000	0.001	0.000
270002015	Rollers	Diesel	1210	575	1,096	3,355	0.050	0.220	0.338	0.023
270002018	Scrapers	Diesel	1210	127	384	4,671	0.052	0.193	0.437	0.018
270002021	Paving Equipment	Diesel	1210	40	91	287	0.005	0.019	0.033	0.002
270002024	Surfacing Equipment	Diesel	1210	7	8	68	0.001	0.002	0.005	0.000
270002027	Signal Boards	Diesel	1210	233	457	348	0.004	0.021	0.030	0.002
270002030	Trenchers	Diesel	1210	561	960	2,595	0.065	0.221	0.307	0.025
270002033	Bore/Drill Rigs	Diesel	1210	74	169	1,491	0.007	0.046	0.074	0.002
270002036	Excavators	Diesel	1210	1,272	4,910	26,734	0.281	1.298	2.041	0.105
270002039	Concrete/Industrial Saws	Diesel	1210	7	12	31	0.001	0.002	0.003	0.000
270002042	Cement and Mortar Mixers	Diesel	1210	40	33	11	0.000	0.001	0.001	0.000
270002045	Cranes	Diesel	1210	140	487	3,376	0.036	0.128	0.327	0.013
270002048	Graders	Diesel	1210	445	1,150	6,947	0.078	0.344	0.622	0.031
270002051	Off-Highway Trucks	Diesel	1210	115	619	8,043	0.070	0.210	0.583	0.020
270002054	Crushing/Proc. Equipment	Diesel	1210	67	174	1,065	0.014	0.058	0.096	0.006
270002057	Rough Terrain Forklifts	Diesel	1210	445	1,369	4,396	0.064	0.315	0.418	0.033
270002060	Rubber Tired Loaders	Diesel	1210	1,281	3,395	16,856	0.191	0.796	1.471	0.079
270002063	Rubber Tired Dozers	Diesel	1210	50	219	2,458	0.032	0.125	0.269	0.011

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270002066	Tractors/Loaders/Backhoes	Diesel	1210	2,008	5,267	16,488	0.195	0.994	1.337	0.091
270002069	Crawler Tractors	Diesel	1210	1,053	2,991	15,677	0.226	0.866	1.637	0.097
270002072	Skid Steer Loaders	Diesel	1210	2,052	4,730	6,554	0.096	0.534	0.560	0.036
270002075	Off-Highway Tractors	Diesel	1210	188	569	4,393	0.062	0.236	0.507	0.024
270002078	Dumpers/Tenders	Diesel	1210	2	3	1	0.000	0.000	0.000	0.000
270002081	Other Construction Equipment	Diesel	1210	91	173	962	0.007	0.032	0.062	0.003
Subtotal for CONSTRUCTION AND MINING EQUIPMENT				16900	32824	130568	1.84	11.93	11.44	0.69
EICSOUN = 894		ENTERTAINMENT								
270014005	Generator (Entertainment)	Diesel	1210	27	25	255	0.002	0.008	0.020	0.001
270014010	Compressor (Entertainment)	Diesel	1210	0	0	0	0.000	0.000	0.000	0.000
Subtotal for ENTERTAINMENT				27	25	255	0.00	0.01	0.02	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	62	61	113	0.008	0.104	0.003	0.001
265003020	Forklifts	Gasoline	1100	337	1,647	3,405	0.094	3.157	0.124	0.002
265003030	Sweepers/Scrubbers	Gasoline	1100	61	70	200	0.007	0.159	0.005	0.000
265003040	Other General Industrial Equipment	Gasoline	1100	41	52	66	0.003	0.101	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	25	0.000	0.023	0.001	0.000
266003020	Forklifts	NG	110	617	3,020	6,720	0.005	1.806	0.215	0.004
270003010	Aerial Lifts	Diesel	1210	150	158	250	0.004	0.015	0.022	0.001
270003020	Forklifts	Diesel	1210	118	579	1,431	0.014	0.064	0.102	0.005
270003030	Sweepers/Scrubbers	Diesel	1210	97	316	1,133	0.016	0.080	0.100	0.007

2014 Sac_NAA Offroad Equipment Summary							Emissions (tons/day)			
Code	Equipment	Fuel	ECMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	ROG	CO	NOX	PM
270003040	Other General Industrial Equipment	Diesel	1210	119	459	3,175	0.033	0.113	0.279	0.012
270003050	Other Material Handling Equipment	Diesel	1210	6	20	127	0.001	0.005	0.012	0.000
Subtotal for INDUSTRIAL EQUIPMENT				1634	6409	16658	0.19	5.64	0.86	0.03
IECSOUN = 901		LAWN AND GARDEN (COMMERCIAL)								
260004010	Lawn Mowers	Gasoline	1100	2,666	1,859	210	0.035	0.427	0.006	0.004
260004020	Chainsaws	Gasoline	1100	8,136	7,180	679	0.584	1.027	0.009	0.002
260004021	Chainsaws Preempt	Gasoline	1100	4,185	3,693	532	0.453	0.805	0.007	0.001
260004025	Trimmers/Edgers/Brush Cutters	Gasoline	1100	15,564	5,763	256	0.178	0.454	0.004	0.001
260004030	Leaf Blowers/Vacuums	Gasoline	1100	23,243	13,924	742	0.599	1.219	0.011	0.002
260004035	Snowblowers	Gasoline	1100	52	0	0	0.000	0.000	0.000	0.000
260004050	Shredders	Gasoline	1100	117	49	21	0.002	0.058	0.001	0.001
260004070	Commercial Turf Equipment	Gasoline	1100	93	227	129	0.007	0.357	0.004	0.000
260004075	Other Lawn & Garden Equipment	Gasoline	1100	38	8	1	0.012	0.002	0.000	0.000
265004010	Lawn Mowers	Gasoline	1100	15,783	11,005	1,342	0.218	3.104	0.037	0.024
265004015	Tillers	Gasoline	1100	1,638	279	41	0.010	0.109	0.001	0.001
265004025	Trimmers/Edgers/Brush Cutters	Gasoline	1100	2,881	1,193	38	0.013	0.092	0.002	0.000
265004030	Leaf Blowers/Vacuums	Gasoline	1100	734	139	10	0.003	0.027	0.000	0.000
265004035	Snowblowers	Gasoline	1100	989	5	1	0.019	0.003	0.000	0.000
265004040	Rear Engine Riding Mowers	Gasoline	1100	8,681	7,187	2,495	0.242	7.628	0.076	0.005
265004045	Front Mowers	Gasoline	1100	706	585	372	0.161	1.154	0.011	0.001
265004050	Shredders	Gasoline	1100	311	129	36	0.005	0.088	0.002	0.000
265004055	Lawn & Garden Tractors	Gasoline	1100	11,877	1,080	720	0.136	2.211	0.019	0.001
265004060	Wood Splitters	Gasoline	1100	532	209	63	0.009	0.157	0.002	0.001
265004065	Chippers/Stump Grinders	Gasoline	1100	50	193	266	0.020	0.815	0.013	0.010

2014 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	837	2,043	1,427	0.085	4.391	0.053	0.004
265004075	Other Lawn & Garden Equipment	Gasoline	1100	716	150	44	0.172	0.127	0.001	0.000
Subtotal for LAWN AND GARDEN (COMMERCIAL)				99830	56898	9427	2.96	24.26	0.26	0.06
EICSOUN = 903		LAWN AND GARDEN (OTHER)								
265004055	Lawn & Garden Tractors	Gasoline	1100	9	3	4	0.001	0.004	0.000	0.000
265004070	Commercial Turf Equipment	Gasoline	1100	112	251	428	0.028	0.664	0.017	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	10	0	5	0.000	0.000	0.000	0.000
270004055	Lawn & Garden Tractors	Diesel	1210	2,305	3,824	2,001	0.025	0.110	0.166	0.007
270004065	Chippers/Stump Grinders	Diesel	1210	29	42	534	0.004	0.018	0.049	0.002
270004070	Commercial Turf Equipment	Diesel	1210	644	2,099	1,360	0.018	0.063	0.114	0.004
270004075	Other Lawn & Garden Equipment	Diesel	1210	1	1	0	0.000	0.000	0.000	0.000
Subtotal for LAWN AND GARDEN (OTHER)				3112	6221	4335	0.08	0.86	0.35	0.01
EICSOUN = 902		LAWN AND GARDEN (RESIDENTIAL)								
260004010	Lawn Mowers	Gasoline	1100	20,017	946	130	0.270	0.326	0.004	0.002
260004020	Chainsaws	Gasoline	1100	91,527	1,368	113	0.461	0.230	0.002	0.001
260004021	Chainsaws Preempt	Gasoline	1100	47,083	704	98	0.264	0.210	0.001	0.000
260004025	Trimmers/Edgers/Brush Cutters	Gasoline	1100	173,491	11,378	483	0.589	0.897	0.008	0.001
260004030	Leaf Blowers/Vacuums	Gasoline	1100	59,924	877	45	0.252	0.093	0.001	0.000
260004035	Snowblowers	Gasoline	1100	469	0	0	0.002	0.000	0.000	0.000
260004050	Shredders	Gasoline	1100	4,184	11	6	0.023	0.015	0.000	0.000
260004075	Other Lawn & Garden Equipment	Gasoline	1100	1,158	15	2	0.006	0.004	0.000	0.000

2014 Sac_NAA Offroad Equipment Summary										
Code	Equipment	Fuel	EICMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	Emissions (tons/day)			
							ROG	CO	NOX	PM
265004010	Lawn Mowers	Gasoline	1100	250,204	11,829	1,667	2.408	4.747	0.041	0.019
265004015	Tillers	Gasoline	1100	6,362	349	55	0.052	0.156	0.001	0.001
265004025	Trimmers/Edgers/Brush Cutters	Gasoline	1100	13,423	880	32	0.045	0.089	0.001	0.000
265004030	Leaf Blowers/Vacuums	Gasoline	1100	631	9	1	0.002	0.002	0.000	0.000
265004035	Snowblowers	Gasoline	1100	8,898	2	0	0.014	0.001	0.000	0.000
265004040	Rear Engine Riding Mowers	Gasoline	1100	7,613	655	229	0.011	0.702	0.007	0.000
265004045	Front Mowers	Gasoline	1100	22,839	1,965	1,256	0.174	3.913	0.036	0.002
265004050	Shredders	Gasoline	1100	11,568	32	11	0.060	0.036	0.000	0.000
265004055	Lawn & Garden Tractors	Gasoline	1100	4,684	426	452	0.064	1.429	0.011	0.001
265004060	Wood Splitters	Gasoline	1100	13,301	45	17	0.144	0.054	0.000	0.000
265004065	Chippers/Stump Grinders	Gasoline	1100	89	4	6	0.002	0.021	0.000	0.000
265004075	Other Lawn & Garden Equipment	Gasoline	1100	21,944	288	94	0.091	0.299	0.002	0.000
Subtotal for LAWN AND GARDEN (RESIDENTIAL)				759409	31784	4698	4.93	13.22	0.12	0.03
EICSOUN = 885		LIGHT COMMERCIAL EQUIPMENT								
270008115	Compressor (GSE)	Diesel	1210	1	3	30	0.000	0.001	0.002	0.000
Subtotal for LIGHT COMMERCIAL EQUIPMENT				1	3	30	0.00	0.00	0.00	0.00
EICSOUN = 888		LOGGING EQUIPMENT								
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	468	0.004	0.025	0.031	0.002
270007020	Fellers/Bunchers	Diesel	1210	41	142	959	0.007	0.043	0.060	0.003
Subtotal for LOGGING EQUIPMENT				316	374	1541	0.05	0.34	0.10	0.01
EICSOUN = 892		MILITARY TACTICAL SUPPORT EQUIPMENT								
270011005	A/C unit	Diesel	1210	16	13	68	0.001	0.003	0.006	0.000
270011010	Aircraft Support	Diesel	1210	7	5	21	0.000	0.001	0.002	0.000

2014 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	0.000	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	0.005	0.000
270011030	Crane	Diesel	1210	2	2	7	0.000	0.000	0.000	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	0.005	0.026	0.045	0.002
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	0.003	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	0.001	0.000
Subtotal for MILITARY TACTICAL SUPPORT EQUIPME				227	185	798	0.01	0.04	0.07	0.00
EICSOUN = 891		OIL DRILLING AND WORKOVER								
270010005	Compressors (Workover)	Diesel	1210	7	22	222	0.002	0.007	0.018	0.001
270010010	Pump (Workover)	Diesel	1210	31	103	1,604	0.015	0.048	0.152	0.005
270010015	Generator (Workover)	Diesel	1210	9	30	195	0.002	0.009	0.018	0.001
270010020	Swivel	Diesel	1210	6	18	86	0.001	0.005	0.008	0.000
270010025	Snubbing	Diesel	1210	0	1	2	0.000	0.000	0.000	0.000
270010030	Other Workover Equipment	Diesel	1210	18	61	559	0.006	0.021	0.052	0.002
270010035	Lift (Drilling)	Diesel	1210	6	19	230	0.002	0.006	0.018	0.001
270010040	Pump (Drilling)	Diesel	1210	29	98	1,339	0.012	0.038	0.111	0.004
270010045	Generator (Drilling)	Diesel	1210	6	21	162	0.002	0.006	0.014	0.001
270010055	Drill Rig	Diesel	1210	88	173	4,701	0.011	0.097	0.183	0.004

2014 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	142	0.002	0.010	0.019	0.001
270010058	Workover Rig (Mobile)	Diesel	1210	67	518	6,702	0.110	0.469	0.879	0.040
270010060	Pressure Washers	Diesel	1210	0	0	1	0.000	0.000	0.000	0.000
Subtotal for OIL DRILLING AND WORKOVER				268	1075	15946	0.17	0.72	1.47	0.06
EICSOUN = 995		OTHER								
270013010	Misc Portable Equipment	Diesel	1210	42	62	375	0.004	0.016	0.033	0.002
Subtotal for OTHER				42	62	375	0.00	0.02	0.03	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	440	898	546	0.029	1.660	0.020	0.001
265009005	Transport Refrigeration Units	Gasoline	1100				0.004			
270009005	Transport Refrigeration Units	Diesel	1210	4,740	18,893	22,406	0.255	1.984	1.984	0.092
270009005	Transport Refrigeration Units	Gasoline	1100	847	2,392	1,031	0.013	0.061	0.085	0.004
Subtotal for TRANSPORT REFRIGERATION UNITS				6027	22183	23983	0.30	3.70	2.09	0.10
EICSUM = 870		FARM EQUIPMENT								
EICSOUN = 893		AGRICULTURAL EQUIPMENT								
265005010	2-Wheel Tractors	Gasoline	1100	209	177	77	0.009	0.225	0.004	0.003
265005015	Agricultural Tractors	Gasoline	1100	42	77	410	0.016	0.238	0.031	0.000
265005020	Combines	Gasoline	1100	15	6	56	0.002	0.015	0.001	0.000

2014 Sac_NAA Offroad Equipment Summary							Emissions (tons/day)			
Code	Equipment	Fuel	EICMAT	Population	Total Hours/Day	Fuel Usage Gal/Day	ROG	CO	NOX	PM
265005025	Balers	Gasoline	1100	203	46	114	0.026	0.074	0.007	0.000
265005030	Agricultural Mowers	Gasoline	1100	180	108	68	0.008	0.210	0.003	0.003
265005035	Sprayers	Gasoline	1100	871	281	194	0.036	0.425	0.010	0.004
265005040	Tillers	Gasoline	1100	12,755	3,030	1,596	0.494	4.986	0.059	0.004
265005045	Swathers	Gasoline	1100	244	77	397	0.034	0.141	0.030	0.000
265005050	Hydro Power Units	Gasoline	1100	86	112	67	0.006	0.191	0.003	0.002
265005055	Other Agricultural Equipment	Gasoline	1100	65	29	58	0.004	0.041	0.003	0.000
270005015	Agricultural Tractors	Diesel	1210	13,966	22,697	77,339	0.984	4.238	6.971	0.392
270005020	Combines	Diesel	1210	345	173	1,089	0.008	0.043	0.087	0.003
270005025	Balers	Diesel	1210	111	35	88	0.001	0.006	0.008	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	0.005	0.009	0.000
270005040	Tillers	Diesel	1210	1	1	3	0.000	0.000	0.000	0.000
270005045	Swathers	Diesel	1210	606	223	551	0.006	0.035	0.052	0.003
270005050	Hydro Power Units	Diesel	1210	35	95	70	0.002	0.006	0.007	0.001
270005055	Other Agricultural Equipment	Diesel	1210	267	354	704	0.010	0.043	0.066	0.004
Subtotal for AGRICULTURAL EQUIPMENT				30127	27566	83004	1.65	10.92	7.35	0.42