

US EPA ARCHIVE DOCUMENT

APPENDIX C

EXAMPLES OF STANDARD REPORTS

Reports for Washtenaw County, Michigan 1998 nonroad emissions are printed in the following order. Note that only the first two pages are printed for the longer reports.

1. Emission Totals by County
2. Emission Totals by Equipment Type (first two pages)
3. Emission Totals by Horsepower
4. Emission Totals by HP and Source Classification (first two pages)
5. Emission Totals by SCC (first two pages)
6. Emission Totals by Source Classification
7. Population and Fuel Consumption by HP and Source Classification (first two pages)
8. Population and Fuel Consumption by SCC (first two pages)

Emission Totals in tons/year by County and Pollutant

Washtenaw County - Total SI & CI

Total for year: 1998

Date of Model Run: Jun 08 15:05:28: 1998

Today's Date: 6/8/98

County	Exhaust THC	Exhaust NOx	Exhaust CO	Exhaust PM	Exhaust SOx	Exhaust CO2
Washtenaw County	1,896.01	2839.88	27512.65	364.47	714.41	23153.45
Totals:	1896.01	2839.88	27512.65	364.47	714.41	23153.45

Emission Totals in tons/year by Equipment Type and Pollutant for Washtenaw County

Washtenaw County - Total SI & CI

Total for year: 1998

Date of Model Run: Jun 08 15:05:28: 1998

Today's Date: 6/8/98

Source Classification	Equipment Description	Exhaust TOG	Exhaust NOx	Exhaust CO	Exhaust PM10	Exhaust SOx	Exhaust CO2
AGRICULTURAL EQUIPMENT							
	2-Wheel Tractors	0.1	0.0	3.4	0.0	0.0	1.5
	Agricultural Mowers	0.1	0.0	2.2	0.0	0.0	1.1
	Agricultural Tractors	34.3	320.4	59.7	20.1	61.9	321.9
	Balers	0.2	0.2	5.4	0.0	0.0	0.8
	Combines	2.1	28.4	2.8	2.2	4.2	11.5
	Hydro Power Units	0.6	1.1	23.4	0.1	0.3	8.1
	Irrigation Sets	5.5	21.1	101.4	1.5	4.1	25.1
	Other Agricultural Equipment	0.3	2.5	1.6	0.2	0.6	3.3
	Sprayers	0.7	0.8	16.7	0.1	0.2	7.3
	Swathers	0.5	1.6	10.3	0.1	0.3	2.6
	Tillers > 6 HP	1.7	0.1	69.2	0.0	0.1	33.3
Agricultural Equipment Totals:		46.2	376.2	296.0	24.3	71.7	416.4
AIRPORT GROUND SUPPORT EQUIPMENT							
	Airport Support Equipment	6.7	26.0	67.6	3.5	7.9	34.6
Airport Ground Support Equipment Totals:		6.7	26.0	67.6	3.5	7.9	34.6
COMMERCIAL EQUIPMENT							
	Air Compressors	10.3	26.1	210.4	2.8	7.5	121.1
	Gas Compressors	8.7	3.7	209.2	0.1	0.2	12.1
	Generator Sets	53.0	43.4	1751.9	4.6	8.2	652.6

Source Classification	Equipment Description	Exhaust TOG	Exhaust NOx	Exhaust CO	Exhaust PM10	Exhaust SOx	Exhaust CO2
	Pressure Washers	13.5	1.8	385.7	0.2	0.4	148.8
	Pumps	28.8	16.7	433.2	2.4	3.0	300.4
	Welders	11.8	19.4	360.8	2.8	6.1	175.5
Commercial Equipment Totals:		126.1	111.0	3351.1	12.9	25.4	1410.5
CONSTRUCTION AND MINING EQUIPMENT							
	Bore/Drill Rigs	1.8	14.9	19.7	1.2	2.5	7.9
	Cement & Mortar Mixers	2.8	0.5	83.9	0.1	0.1	53.8
	Concrete/Industrial Saws	14.7	2.1	236.3	0.6	0.3	86.1
	Cranes	5.6	68.1	35.5	5.6	21.6	57.4
	Crawler Tractors	17.9	219.8	81.7	18.9	47.4	146.9
	Crushing/Proc. Equipment	1.1	7.9	12.2	0.8	1.4	7.6
	Dumpers/Tenders	0.3	0.1	11.7	0.0	0.0	8.4
	Excavators	17.3	94.1	60.3	12.1	26.2	89.0
	Graders	5.6	75.6	25.6	5.8	16.9	47.4
	Off-Highway Tractors	11.1	66.1	41.0	7.3	15.8	23.0
	Off-highway Trucks	26.4	164.3	99.2	17.3	45.1	33.6
	Other Construction Equipment	1.3	9.5	16.5	0.8	2.0	8.2
	Other Underground Mining Equ	0.0	0.0	0.0	0.0	0.0	0.0
	Pavers	2.4	15.5	36.3	1.6	3.5	27.2
	Paving Equipment	8.1	17.6	159.0	1.8	4.4	101.1
	Plate Compactors	3.2	0.5	49.5	0.2	0.1	49.8
	Rollers	6.4	47.0	94.1	4.8	11.5	75.8
	Rough Terrain Forklifts	8.7	35.6	48.2	5.8	9.4	49.7
	Rubber Tire Dozers	0.8	11.7	3.9	0.8	2.7	3.6
	Rubber Tire Loaders	38.6	203.3	176.4	25.2	46.8	143.3
	Scrapers	5.7	82.1	27.4	5.6	15.6	22.0
	Signal Boards/Light Plants	1.2	5.5	5.8	1.0	1.0	32.5

Emission Totals in tons/year by Horsepower and Pollutant for Washtenaw County

Washtenaw County - Total SI & CI

Total for year: 1998

Date of Model Run: Jun 08 15:05:28: 1998

Today's Date: 6/8/98

Horsepower	Exhaust NMHC	Crankcase NMHC	Diurnal NMHC	Hot Soak NMHC	Running Loss NMHC	Resting Loss NMHC	Refueling NMHC	Total NMHC
0 < HP <= 1	57.2	0.0	1.8	0.0	0.0	0.0	0.3	59.3
1 < HP <= 3	512.1	0.3	15.3	0.0	0.0	0.0	3.0	530.6
3 < HP <= 6	420.7	4.5	44.2	0.0	0.0	0.0	8.3	477.8
6 < HP <= 11	55.6	4.6	9.4	0.0	0.0	0.0	3.9	73.6
11 < HP <= 16	100.3	3.9	22.2	0.0	0.0	0.0	8.2	134.6
16 < HP <= 25	130.9	6.2	13.8	0.0	0.0	0.0	8.3	159.3
25 < HP <= 40	67.4	8.7	6.0	0.0	0.0	0.0	1.9	84.0
40 < HP <= 50	30.8	1.6	1.1	0.0	0.0	0.0	0.3	33.8
50 < HP <= 100	192.4	23.3	16.1	0.0	0.0	0.0	5.1	236.8
100 < HP <= 175	102.2	8.3	11.3	0.0	0.0	0.0	2.0	123.9
175 < HP <= 300	53.5	1.2	2.7	0.0	0.0	0.0	0.2	57.6
300 < HP <= 600	24.1	0.6	0.0	0.0	0.0	0.0	0.0	24.7
600 < HP <= 750	11.3	0.2	0.0	0.0	0.0	0.0	0.0	11.5
750 < HP <= 1000	7.0	0.1	0.0	0.0	0.0	0.0	0.0	7.1
1000 < HP <= 1500	3.7	0.1	0.0	0.0	0.0	0.0	0.0	3.8
1500 < HP <= 2000	6.6	0.1	0.0	0.0	0.0	0.0	0.0	6.7
2000 < HP <= 3000	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.9
9999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Horsepower	Exhaust NMHC	Crankcase NMHC	Diurnal NMHC	Hot Soak NMHC	Running Loss NMHC	Resting Loss NMHC	Refueling NMHC	Total NMHC
Totals:	1777.6	63.8	144.1	0.0	0.0	0.0	41.5	2027.0

Emission Totals in tons/year by Horsepower, Source Classification, and Pollutant for Washtenaw County

Washtenaw County - Total SI & CI

Total for year: 1998

Date of Model Run: Jun 08 15:05:28: 1998

Today's Date: 6/8/98

Source Classification	Horsepower	Exhaust NMHC	Crankcase NMHC	Diurnal NMHC	Hot Soak NMHC	Running Loss NMHC	Resting Loss NMHC	Refueling NMHC	Total NMHC
AGRICULTURAL EQUIPMENT									
	1 < HP <= 3	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.07
	3 < HP <= 6	0.20	0.01	0.01	0.00	0.00	0.00	0.00	0.23
	6 < HP <= 11	1.65	0.47	0.59	0.00	0.00	0.00	0.13	2.84
	11 < HP <= 16	0.36	0.02	0.01	0.00	0.00	0.00	0.01	0.39
	16 < HP <= 25	1.12	0.05	0.05	0.00	0.00	0.00	0.04	1.27
	25 < HP <= 40	4.54	0.13	0.16	0.00	0.00	0.00	0.01	4.84
	40 < HP <= 50	3.67	0.08	0.00	0.00	0.00	0.00	0.00	3.75
	50 < HP <= 100	7.60	0.45	0.42	0.00	0.00	0.00	0.07	8.54
	100 < HP <= 175	9.47	0.47	0.31	0.00	0.00	0.00	0.07	10.32
	175 < HP <= 300	9.55	0.37	0.03	0.00	0.00	0.00	0.04	10.00
	300 < HP <= 600	2.44	0.05	0.00	0.00	0.00	0.00	0.00	2.49
	600 < HP <= 750	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	750 < HP <= 1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Agricultural Equipment Totals:		40.66	2.12	1.60	0.00	0.00	0.00	0.38	44.76
AIRPORT GROUND SUPPORT EQUIPMENT									
	3 < HP <= 6	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.20
	6 < HP <= 11	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02
	11 < HP <= 16	0.09	0.00	0.00	0.00	0.00	0.00	0.01	0.10
	16 < HP <= 25	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05
	25 < HP <= 40	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.10

Source Classification	Horsepower	Exhaust NMHC	Crankcase NMHC	Diurnal NMHC	Hot Soak NMHC	Running Loss NMHC	Resting Loss NMHC	Refueling NMHC	Total NMHC
	40 < HP <= 50	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.19
	50 < HP <= 100	1.29	0.10	0.04	0.00	0.00	0.00	0.02	1.44
	100 < HP <= 175	2.27	0.36	0.12	0.00	0.00	0.00	0.08	2.82
	175 < HP <= 300	1.21	0.02	0.00	0.00	0.00	0.00	0.00	1.23
	300 < HP <= 600	0.54	0.01	0.00	0.00	0.00	0.00	0.00	0.55
	600 < HP <= 750	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.12
Airport Ground Support Equipment Totals:		6.07	0.51	0.16	0.00	0.00	0.00	0.11	6.85
COMMERCIAL EQUIPMENT									
	0 < HP <= 1	2.25	0.00	0.01	0.00	0.00	0.00	0.01	2.27
	1 < HP <= 3	14.11	0.00	0.10	0.00	0.00	0.00	0.08	14.29
	3 < HP <= 6	21.42	0.34	1.02	0.00	0.00	0.00	0.56	23.34
	6 < HP <= 11	18.60	2.58	2.91	0.00	0.00	0.00	1.53	25.62
	11 < HP <= 16	9.49	1.06	1.50	0.00	0.00	0.00	0.78	12.83
	16 < HP <= 25	15.01	3.51	2.24	0.00	0.00	0.00	1.18	21.94
	25 < HP <= 40	3.39	0.74	1.24	0.00	0.00	0.00	0.15	5.52
	40 < HP <= 50	1.89	0.10	0.11	0.00	0.00	0.00	0.02	2.13
	50 < HP <= 100	12.68	2.53	3.58	0.00	0.00	0.00	0.54	19.33
	100 < HP <= 175	2.25	0.45	0.49	0.00	0.00	0.00	0.09	3.28
	175 < HP <= 300	0.79	0.04	0.01	0.00	0.00	0.00	0.00	0.83
	300 < HP <= 600	0.88	0.11	0.00	0.00	0.00	0.00	0.00	0.99
	600 < HP <= 750	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial Equipment Totals:		102.76	11.46	13.21	0.00	0.00	0.00	4.96	132.38
CONSTRUCTION AND MINING EQUIPMENT									
	1 < HP <= 3	7.38	0.00	0.04	0.00	0.00	0.00	0.04	7.47
	3 < HP <= 6	13.26	0.09	0.35	0.00	0.00	0.00	0.19	13.89

Emission Totals in tons/year by SCC and Pollutant for Washtenaw County

Washtenaw County - Total SI & CI

Total for year: 1998

Date of Model Run: Jun 08 15:05:28: 1998

Today's Date: 6/8/98

SCC	Equipment Description	Engine Type	Exhaust PM	Exhaust PM10	Exhaust PM2.5
AGRICULTURAL EQUIPMENT					
2265005010*	2-Wheel Tractors	4 Stroke	0.001	0.001	0.001
2270005010	2-Wheel Tractors	Diesel	0.002	0.002	0.002
2265005030*	Agricultural Mowers	4 Stroke	0.000	0.000	0.000
2270005030	Agricultural Mowers	Diesel	0.003	0.003	0.003
2265005015*	Agricultural Tractors	4 Stroke	0.003	0.003	0.003
2270005015	Agricultural Tractors	Diesel	20.060	20.060	18.455
2265005025	Balers	4 Stroke	0.002	0.002	0.002
2270005025	Balers	Diesel	0.010	0.010	0.009
2265005020	Combines	4 Stroke	0.000	0.000	0.000
2270005020	Combines	Diesel	2.199	2.199	2.023
2265005050*	Hydro Power Units	4 Stroke	0.005	0.005	0.005
2270005050	Hydro Power Units	Diesel	0.106	0.106	0.097
2265005060*	Irrigation Sets	4 Stroke	0.017	0.017	0.015
2268005060	Irrigation Sets	CNG	0.020	0.020	0.020
2270005060	Irrigation Sets	Diesel	1.479	1.479	1.361
2267005060	Irrigation Sets	LPG	0.000	0.000	0.000
2265005055*	Other Agricultural Equipment	4 Stroke	0.000	0.000	0.000
2270005055	Other Agricultural Equipment	Diesel	0.183	0.183	0.168
2265005035*	Sprayers	4 Stroke	0.006	0.006	0.005
2270005035	Sprayers	Diesel	0.080	0.080	0.073
2265005045	Swathers	4 Stroke	0.003	0.003	0.003
2270005045	Swathers	Diesel	0.146	0.146	0.134
2265005040*	Tillers > 6 HP	4 Stroke	0.011	0.011	0.010
2270005040	Tillers > 6 HP	Diesel	0.001	0.001	0.001
Agricultural Equipment Totals:			24.336	24.336	22.391
AIRPORT GROUND SUPPORT EQUIPMENT					
2265008005*	Airport Support Equipment	4 Stroke	0.016	0.016	0.014
2270008005	Airport Support Equipment	Diesel	3.484	3.484	3.205
Airport Ground Support Equipment Totals:			3.499	3.499	3.219
COMMERCIAL EQUIPMENT					
2265006015*	Air Compressors	4 Stroke	0.061	0.061	0.056
2270006015	Air Compressors	Diesel	2.743	2.743	2.523

SCC	Equipment Description	Engine Type	Exhaust PM	Exhaust PM10	Exhaust PM2.5
2268006020	Gas Compressors	CNG	0.102	0.102	0.102
2270006020	Gas Compressors	Diesel	0.012	0.012	0.011
2260006005*	Generator Sets	2 Stroke	0.140	0.140	0.129
2265006005*	Generator Sets	4 Stroke	0.334	0.334	0.308
2268006005*	Generator Sets	CNG	0.012	0.012	0.012
2270006005	Generator Sets	Diesel	4.140	4.140	3.809
2267006005	Generator Sets	LPG	0.002	0.002	0.002
2265006030*	Pressure Washers	4 Stroke	0.112	0.112	0.103
2270006030	Pressure Washers	Diesel	0.053	0.053	0.049
2260006010*	Pumps	2 Stroke	0.544	0.544	0.501
2265006010*	Pumps	4 Stroke	0.105	0.105	0.096
2268006010	Pumps	CNG	0.003	0.003	0.003
2270006010	Pumps	Diesel	1.772	1.772	1.630
2267006010	Pumps	LPG	0.000	0.000	0.000
2265006025*	Welders	4 Stroke	0.082	0.082	0.075
2270006025	Welders	Diesel	2.714	2.714	2.497
Commercial Equipment Totals:			12.931	12.931	11.906
CONSTRUCTION AND MINING EQUIPMENT					
2265002033*	Bore/Drill Rigs	4 Stroke	0.004	0.004	0.004
2270002033	Bore/Drill Rigs	Diesel	1.235	1.235	1.136
2265002042*	Cement & Mortar Mixers	4 Stroke	0.027	0.027	0.025
2270002042	Cement & Mortar Mixers	Diesel	0.041	0.041	0.037
2260002039*	Concrete/Industrial Saws	2 Stroke	0.490	0.490	0.451
2265002039*	Concrete/Industrial Saws	4 Stroke	0.051	0.051	0.047
2270002039	Concrete/Industrial Saws	Diesel	0.098	0.098	0.090
2265002045*	Cranes	4 Stroke	0.004	0.004	0.003
2270002045	Cranes	Diesel	5.601	5.601	5.153
2270002069	Crawler Tractors	Diesel	18.904	18.904	17.391
2265002054*	Crushing/Proc. Equipment	4 Stroke	0.003	0.003	0.002
2270002054	Crushing/Proc. Equipment	Diesel	0.781	0.781	0.718
2265002078*	Dumpers/Tenders	4 Stroke	0.003	0.003	0.002
2270002078	Dumpers/Tenders	Diesel	0.008	0.008	0.007
2270002036	Excavators	Diesel	12.070	12.070	11.104
2270002048	Graders	Diesel	5.760	5.760	5.299
2270002075	Off-Highway Tractors	Diesel	7.263	7.263	6.682
2270002051	Off-highway Trucks	Diesel	17.264	17.264	15.883
2265002081*	Other Construction Equipment	4 Stroke	0.004	0.004	0.004
2270002081	Other Construction Equipment	Diesel	0.779	0.779	0.717
2270009010	Other Underground Mining Equ	Diesel	0.000	0.000	0.000
2265002003*	Pavers	4 Stroke	0.007	0.007	0.007

Emission Totals in tons/year by Source Classification and Pollutant for Washtenaw County

Washtenaw County - Total SI & CI

Total for year: 1998

Date of Model Run: Jun 08 15:05:28: 1998

Today's Date: 6/8/98

Source Classification	Exhaust THC	Exhaust NOx	Exhaust CO	Exhaust PM	Exhaust SOx	Exhaust CO2
Agricultural Equipment	43.414	376.197	295.959	24.336	71.711	416.446
Airport Ground Support Equipment	6.317	26.022	67.639	3.499	7.916	34.572
Commercial Equipment	120.965	111.003	3351.134	12.931	25.392	1410.480
Construction and Mining Equipment	257.964	1442.783	1798.179	178.061	362.753	1769.455
Industrial Equipment	157.222	556.393	2854.140	64.381	167.297	2086.974
Lawn and Garden Equipment (Com)	1,044.910	302.306	15801.677	71.405	72.915	14068.665
Lawn and Garden Equipment (Res)	183.101	15.315	3014.395	5.447	4.176	3177.363
Logging Equipment	0.000	0.000	0.000	0.000	0.000	0.000
Pleasure Craft	62.685	5.192	194.793	3.625	1.870	119.702
Railroad Equipment	0.865	3.804	10.559	0.440	0.142	9.273
Recreational Equipment	18.566	0.867	124.171	0.340	0.241	60.518
Totals:	1896.009	2839.882	27512.648	364.467	714.412	23153.448

Equipment Population and Fuel Consumption by HP and Source Classification for Washtenaw County

Washtenaw County - Total SI & CI

Total for year: 1998

Date of Model Run: Jun 08 15:05:28: 1998

Today's Date: 6/8/98

Source Classification	Horsepower	Equipment Population	Fuel Consumption (gallons)
AGRICULTURAL EQUIPMENT			
	1 < HP <= 3	15.02	253.57
	3 < HP <= 6	16.94	871.55
	6 < HP <= 11	405.25	24399.34
	11 < HP <= 16	47.79	11759.81
	16 < HP <= 25	66.63	27092.12
	25 < HP <= 40	243.00	144415.43
	40 < HP <= 50	140.87	118648.14
	50 < HP <= 100	355.93	2086183.08
	100 < HP <= 175	370.93	1185924.39
	175 < HP <= 300	250.89	2083774.57
	300 < HP <= 600	23.87	1276462.01
	600 < HP <= 750	0.02	103347.95
	750 < HP <= 1000	0.02	133969.56
Agricultural Equipment Totals:		1937.16	7197101.52
AIRPORT GROUND SUPPORT EQUIPMENT			
	3 < HP <= 6	2.55	668.88
	6 < HP <= 11	0.67	266.12
	11 < HP <= 16	1.74	1240.72
	16 < HP <= 25	1.07	752.84
	25 < HP <= 40	1.61	1403.05
	40 < HP <= 50	2.55	2904.28
	50 < HP <= 100	21.07	41262.27
	100 < HP <= 175	23.48	79572.92
	175 < HP <= 300	12.35	66762.16
	300 < HP <= 600	2.68	27499.28
	600 < HP <= 750	0.40	6187.34
Airport Ground Support Equipment Totals:		70.18	228519.86
COMMERCIAL EQUIPMENT			
	0 < HP <= 1	111.62	1599.04
	1 < HP <= 3	261.14	12547.06

Source Classification	Horsepower	Equipment Population	Fuel Consumption (gallons)
	3 < HP <= 6	1311.77	98429.79
	6 < HP <= 11	2066.50	292424.94
	11 < HP <= 16	710.24	155858.09
	16 < HP <= 25	722.42	241816.32
	25 < HP <= 40	142.00	579855.76
	40 < HP <= 50	72.25	506355.81
	50 < HP <= 100	371.46	4409651.43
	100 < HP <= 175	50.51	787438.33
	175 < HP <= 300	18.89	2363124.94
	300 < HP <= 600	7.25	12544398.75
	600 < HP <= 750	0.06	96.06
Commercial Equipment Totals:		5846.10	21993596.31
CONSTRUCTION AND MINING EQUIPMENT			
	1 < HP <= 3	115.63	6288.76
	3 < HP <= 6	466.72	34300.74
	6 < HP <= 11	430.09	73246.29
	11 < HP <= 16	200.62	61649.18
	16 < HP <= 25	145.61	93412.90
	25 < HP <= 40	229.98	221647.95
	40 < HP <= 50	117.52	166756.75
	50 < HP <= 100	1111.95	2831935.61
	100 < HP <= 175	733.80	2872440.06
	175 < HP <= 300	360.30	2416143.70
	300 < HP <= 600	105.45	1491323.56
	600 < HP <= 750	30.75	751863.14
	750 < HP <= 1000	8.24	294525.36
	1000 < HP <= 1500	2.30	141236.71
	1500 < HP <= 2000	2.76	250593.06
	2000 < HP <= 3000	0.51	69715.76
Construction and Mining Equipment Totals:		4062.24	11777079.53
INDUSTRIAL EQUIPMENT			
	0 < HP <= 1	3.32	116.19
	1 < HP <= 3	4.38	619.86
	3 < HP <= 6	26.93	4427.78
	6 < HP <= 11	37.23	14043.39
	11 < HP <= 16	97.56	31322.95
	16 < HP <= 25	232.36	115926.92
	25 < HP <= 40	233.66	266757.01
	40 < HP <= 50	258.30	526507.77

Equipment Population and Fuel Consumption by SCC for Washtenaw County

Washtenaw County - Total SI & CI

Total for year: 1998

Date of Model Run: Jun 08 15:05:28: 1998

Today's Date: 6/8/98

SCC	Equipment Description	Engine Type	Equipment Population	Fuel Consumption (gallons)
AGRICULTURAL EQUIPMENT				
2265005010*	2-Wheel Tractors	4 Stroke	3.17	874.73
2270005010	2-Wheel Tractors	Diesel	0.26	41.58
2265005030*	Agricultural Mowers	4 Stroke	3.76	672.00
2265005015*	Agricultural Tractors	4 Stroke	1.43	3484.06
2270005030	Agricultural Mowers	Diesel	0.30	195.93
2270005015	Agricultural Tractors	Diesel	1208.17	2156076.59
2265005025	Balers	4 Stroke	9.67	2143.38
2270005025	Balers	Diesel	2.04	503.46
2265005020	Combines	4 Stroke	0.06	72.77
2270005020	Combines	Diesel	143.76	139621.77
2265005050*	Hydro Power Units	4 Stroke	8.64	6022.32
2270005050	Hydro Power Units	Diesel	4.79	6812.78
2265005060*	Irrigation Sets	4 Stroke	3.78	20774.23
2268005060	Irrigation Sets	CNG	4.26	4664054.63
2270005060	Irrigation Sets	Diesel	45.13	136433.54
2267005060	Irrigation Sets	LPG	0.04	482.99
2265005055*	Other Agricultural Equipment	4 Stroke	1.94	434.97
2270005055	Other Agricultural Equipment	Diesel	13.99	16043.84
2265005035*	Sprayers	4 Stroke	55.08	5287.75
2265005045	Swathers	4 Stroke	7.23	4170.96
2270005035	Sprayers	Diesel	11.67	4367.43
2270005045	Swathers	Diesel	28.15	7585.22
2265005040*	Tillers > 6 HP	4 Stroke	379.79	20823.40
2270005040	Tillers > 6 HP	Diesel	0.04	121.18
Agricultural Equipment Totals:			1937.16	7197101.52
AIRPORT GROUND SUPPORT EQUIPMENT				
2265008005*	Airport Support Equipment	4 Stroke	7.78	18324.69
2270008005	Airport Support Equipment	Diesel	62.40	210195.16
Airport Ground Support Equipment Totals:			70.18	228519.86

SCC	Equipment Description	Engine Type	Equipment Population	Fuel Consumption (gallons)
COMMERCIAL EQUIPMENT				
2265006015*	Air Compressors	4 Stroke	108.70	59098.77
2270006015	Air Compressors	Diesel	101.14	187575.53
2260006005*	Generator Sets	2 Stroke	101.43	2959.79
2265006005*	Generator Sets	4 Stroke	2951.80	498103.63
2268006020	Gas Compressors	CNG	0.95	17049336.35
2268006005*	Generator Sets	CNG	22.79	2764919.77
2270006020	Gas Compressors	Diesel	0.03	695.59
2270006005	Generator Sets	Diesel	300.29	248294.94
2267006005	Generator Sets	LPG	3.61	6083.13
2260006010*	Pumps	2 Stroke	267.54	10897.74
2265006010*	Pumps	4 Stroke	470.77	99683.49
2265006030*	Pressure Washers	4 Stroke	841.57	102867.91
2268006010	Pumps	CNG	0.85	628266.92
2270006010	Pumps	Diesel	133.17	97456.03
2270006030	Pressure Washers	Diesel	14.15	2051.82
2267006010	Pumps	LPG	0.00	0.00
2265006025*	Welders	4 Stroke	365.96	111302.78
2270006025	Welders	Diesel	161.36	124002.12
Commercial Equipment Totals:			5846.10	21993596.31
CONSTRUCTION AND MINING EQUIPMENT				
2265002033*	Bore/Drill Rigs	4 Stroke	11.10	4604.98
2270002033	Bore/Drill Rigs	Diesel	24.87	91568.78
2260002039*	Concrete/Industrial Saws	2 Stroke	29.88	7143.52
2265002039*	Concrete/Industrial Saws	4 Stroke	58.53	48552.78
2265002045*	Cranes	4 Stroke	3.17	4666.49
2265002054*	Crushing/Proc. Equipment	4 Stroke	2.56	2892.92
2265002042*	Cement & Mortar Mixers	4 Stroke	387.06	25099.58
2270002042	Cement & Mortar Mixers	Diesel	8.65	867.98
2270002039	Concrete/Industrial Saws	Diesel	3.73	5361.07
2270002045	Cranes	Diesel	145.31	490650.72
2270002069	Crawler Tractors	Diesel	336.10	1659077.18
2270002054	Crushing/Proc. Equipment	Diesel	13.71	59448.68
2265002078*	Dumpers/Tenders	4 Stroke	41.90	3763.83
2270002078	Dumpers/Tenders	Diesel	0.51	152.97
2270002036	Excavators	Diesel	173.96	795046.51
2270002048	Graders	Diesel	123.31	552860.77
2265002081*	Other Construction Equipment	4 Stroke	1.94	5289.61
2270002075	Off-Highway Tractors	Diesel	47.07	525160.88