

APPENDIX D

Commercial Non-Lawn/Garden-Equipment Types by Horsepower, Refuel Sources, and Fuel Consumptions						
Type	Engine	Horsepower	Frequency of Refuel		Fuel Consumption (gal/day)	
	Cycle		Pump	Gas Can	All	Gas Can Only
Tampers/Rammers	G2	15	100	0	699	0
Plate Compactors	G2	15	100	0	68	0
Other General Industrial Equ	G2	15	50	50	79	40
Snowblowers	G2	15	0	100	52	52
Snowblowers	G2	25	0	100	0	0
Generator Sets	G2	15	50	50	8	8
Generator Sets	G2	2	50	50	7	7
Pumps	G2	25	50	50	64	64
Pumps	G2	15	50	50	1343	1343
Pumps	G2	2	50	50	34	34
Asphalt Pavers	G4	15	100	0	62	0
Asphalt Pavers	G4	25	100	0	231	0
Asphalt Pavers	G4	50	100	0	184	0
Asphalt Pavers	G4	120	100	0	152	0
Tampers/Rammers	G4	15	100	0	50	0
Plate Compactors	G4	5	100	0	987	0
Plate Compactors	G4	15	100	0	1978	0
Rollers	G4	5	100	0	71	0
Rollers	G4	15	100	0	642	0
Rollers	G4	25	100	0	813	0
Rollers	G4	50	100	0	220	0
Rollers	G4	120	100	0	666	0
Paving Equipment	G4	5	100	0	1399	0
Paving Equipment	G4	15	100	0	5748	0
Paving Equipment	G4	25	100	0	250	0
Paving Equipment	G4	50	100	0	230	0
Paving Equipment	G4	120	100	0	83	0
Surfacing Equipment	G4	5	100	0	314	0
Surfacing Equipment	G4	15	100	0	3097	0
Surfacing Equipment	G4	25	100	0	90	0
Signal Boards	G4	5	100	0	4	0
Signal Boards	G4	15	100	0	80	0
Trenchers	G4	15	100	0	1231	0
Trenchers	G4	25	100	0	1780	0
Trenchers	G4	50	100	0	1125	0
Trenchers	G4	120	100	0	645	0
Bore/Drill Rigs	G4	15	100	0	12	0
Bore/Drill Rigs	G4	25	100	0	96	0
Bore/Drill Rigs	G4	50	100	0	18	0
Bore/Drill Rigs	G4	120	100	0	184	0
Bore/Drill Rigs	G4	175	100	0	65	0
Concrete/Industrial Saws	G4	5	100	0	111	0
Concrete/Industrial Saws	G4	15	100	0	2206	0
Concrete/Industrial Saws	G4	25	100	0	1158	0
Concrete/Industrial Saws	G4	50	100	0	426	0
Concrete/Industrial Saws	G4	120	100	0	358	0
Cement and Mortar Mixers	G4	5	100	0	1345	0
Cement and Mortar Mixers	G4	15	100	0	3011	0
Cement and Mortar Mixers	G4	25	100	0	35	0
Cranes	G4	50	100	0	56	0
Cranes	G4	120	100	0	177	0
Cranes	G4	175	100	0	11	0
Crushing/Proc. Equipment	G4	15	100	0	25	0
Crushing/Proc. Equipment	G4	25	100	0	25	0
Crushing/Proc. Equipment	G4	120	100	0	140	0
Rough Terrain Forklifts	G4	50	100	0	39	0
Rough Terrain Forklifts	G4	120	100	0	765	0
Rough Terrain Forklifts	G4	175	100	0	49	0
Rubber Tired Loaders	G4	50	100	0	85	0
Rubber Tired Loaders	G4	120	100	0	806	0
Tractors/Loaders/Backhoes	G4	120	100	0	568	0
Skid Steer Loaders	G4	15	100	0	57	0
Skid Steer Loaders	G4	25	100	0	4571	0
Skid Steer Loaders	G4	50	100	0	1219	0
Skid Steer Loaders	G4	120	100	0	1433	0
Subtotal:					43536	1548
Type	Engine	Horsepower	Frequency of Refuel		Fuel Consumption (gal/day)	
	Cycle		Pump	Gas Can	All	Gas Can Only
Dumpers/Tenders	G4	5	100	0	62	0

APPENDIX D

Dumpers/Tenders	G4	15	100	0	245	0
Dumpers/Tenders	G4	25	100	0	85	0
Dumpers/Tenders	G4	120	100	0	15	0
Other Construction Equipment	G4	175	100	0	385	0
Aerial Lifts	G4	15	50	50	15	7
Aerial Lifts	G4	25	50	50	812	406
Aerial Lifts	G4	50	50	50	1551	775
Aerial Lifts	G4	120	50	50	2315	1158
Forklifts	G4	25	50	50	37	18
Forklifts	G4	50	50	50	19562	9781
Forklifts	G4	120	50	50	92090	46045
Forklifts	G4	175	50	50	7020	3510
Sweepers/Scrubbers	G4	15	50	50	290	145
Sweepers/Scrubbers	G4	25	50	50	568	284
Sweepers/Scrubbers	G4	50	50	50	3159	1579
Sweepers/Scrubbers	G4	120	50	50	4027	2014
Sweepers/Scrubbers	G4	175	50	50	49	24
Other General Industrial Equ	G4	15	50	50	608	304
Other General Industrial Equ	G4	25	50	50	457	229
Other General Industrial Equ	G4	50	50	50	976	488
Other General Industrial Equ	G4	120	50	50	666	333
Other General Industrial Equ	G4	175	50	50	144	72
Other Material Handling Equi	G4	50	50	50	10	5
Other Material Handling Equi	G4	120	50	50	460	230
Snowblowers	G4	5	0	100	313	313
Snowblowers	G4	15	0	100	440	440
Snowblowers	G4	25	0	100	2	2
2-Wheel Tractors	G4	5	100	0	199	0
2-Wheel Tractors	G4	15	100	0	792	0
2-Wheel Tractors	G4	25	100	0	38	0
Agricultural Tractors	G4	120	100	0	3192	0
Agricultural Tractors	G4	175	100	0	668	0
Combines	G4	120	100	0	273	0
Combines	G4	175	100	0	242	0
Balers	G4	50	100	0	694	0
Balers	G4	120	100	0	597	0
Agricultural Mowers	G4	15	100	0	297	0
Agricultural Mowers	G4	25	100	0	485	0
Sprayers	G4	5	100	0	387	0
Sprayers	G4	15	100	0	174	0
Sprayers	G4	25	100	0	971	0
Sprayers	G4	50	100	0	132	0
Sprayers	G4	120	100	0	359	0
Sprayers	G4	175	100	0	166	0
Tillers >5 HP	G4	15	100	0	19560	0
Swathers	G4	120	100	0	1856	0
Swathers	G4	175	100	0	2085	0
Hydro Power Units	G4	5	100	0	58	0
Hydro Power Units	G4	15	100	0	407	0
Hydro Power Units	G4	25	100	0	293	0
Hydro Power Units	G4	50	100	0	49	0
Hydro Power Units	G4	120	100	0	10	0
Other Agricultural Equipment	G4	5	100	0	26	0
Other Agricultural Equipment	G4	15	100	0	48	0
Other Agricultural Equipment	G4	25	100	0	27	0
Other Agricultural Equipment	G4	50	100	0	33	0
Other Agricultural Equipment	G4	120	100	0	343	0
Other Agricultural Equipment	G4	175	100	0	80	0
Generator Sets	G4	5	50	50	707	354
Generator Sets	G4	15	50	50	36092	18046
Generator Sets	G4	25	50	50	36389	18195
Generator Sets	G4	50	50	50	9996	4998
Generator Sets	G4	120	50	50	3935	1967
Generator Sets	G4	175	50	50	655	328
Pumps	G4	5	50	50	375	188
Subtotal:					259052	112238
	Engine			Frequency of Refuel		
				% Refueling Source	Fuel Consumption (gal/day)	
Type	Cycle	Horsepower	Pump	Gas Can	All	Gas Can Only
Pumps	G4	15	50	50	8754	4377
Pumps	G4	25	50	50	4235	2118
Pumps	G4	50	50	50	1510	755
Pumps	G4	120	50	50	4507	2254
Pumps	G4	175	50	50	208	104

APPENDIX D

Air Compressors	G4	5	50	50	3927	1963
Air Compressors	G4	15	50	50	2297	1149
Air Compressors	G4	25	50	50	668	334
Air Compressors	G4	50	50	50	1151	575
Air Compressors	G4	120	50	50	5869	2934
Air Compressors	G4	175	50	50	760	380
Welders	G4	15	50	50	3057	1529
Welders	G4	25	50	50	15181	7591
Welders	G4	50	50	50	3029	1514
Welders	G4	120	50	50	3778	1889
Welders	G4	175	50	50	483	241
Pressure Washers	G4	5	50	50	318	159
Pressure Washers	G4	15	50	50	3061	1531
Pressure Washers	G4	25	50	50	1314	657
Pressure Washers	G4	50	50	50	101	50
Shredders >5 HP	G4	15	50	50	8904	4452
A/C Tug Narrow Body	G4	175	100	0	663	0
Air Conditioner	G4	175	100	0	0	0
Air Start Unit	G4	175	100	0	3	0
Baggage Tug	G4	120	100	0	8257	0
Belt Loader	G4	120	100	0	1964	0
Bobtail	G4	120	100	0	1183	0
Cargo Loader	G4	120	100	0	620	0
Cart	G4	15	100	0	7	0
Deicer	G4	120	100	0	15	0
Forklift	G4	50	100	0	323	0
Fuel Truck	G4	175	100	0	11	0
Ground Power Unit	G4	175	100	0	1708	0
Lav Cart	G4	15	100	0	2	0
Lav Truck	G4	175	100	0	747	0
Lift	G4	120	100	0	700	0
Maint. Truck	G4	175	100	0	753	0
Other	G4	50	100	0	247	0
Water Truck	G4	175	100	0	55	0
Transport Refrigeration Unit	G4	15	100	0	8817	0
Subtotal:					99188	36556
					Fuel Consumption (gal/day)	
					All	Gas Can Only
Total:					401776	150342