

Appendix 5.10-1 Energy Calculations

Appendices

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WORKER COMMUTE

Year	Gas		Diesel		Electricity	
	VMT	Gallons	VMT	Gallons	VMT	kWh
2019	75,446	2,896	340	8	299	100
2020	77,813	2,907	391	9	418	140
Total	153,258	5,803	730	17	717	240

VENDOR AND HAULER ACTIVITIES

Year	Gas		Diesel	
	VMT	Gallons	VMT	Gallons
2019	291	58	7,432	972
2020	205	41	5,122	652
Total	496	99	12,554	1,623

OFF-ROAD EQUIPMENT

Year	Gasoline gallons	Diesel gallons
2019	3,069	16,543
2020	3,079	13,857
Total	6,148	30,400

Construction Worker Trips Fuel Usage Worksheet

Note: Worker vehicles are "LD_Mix", which is 50% LDA, 25% LDT1, and 25% LDT2

Activity ¹	Daily trips ^{1,2}	Trip miles ²	Percent in year	Trip days ¹	Annual VMT
2019					
Building Demolition	8	14.7	100.00%	10	1,176
Building Demo Debris Processing	10	14.7	100.00%	30	4,410
Asphalt Demolition	3	14.7	100.00%	5	221
Asphalt Demo Debris Processing	3	14.7	100.00%	5	221
Site Preparation	5	14.7	100.00%	5	368
Rough Grading	8	14.7	100.00%	10	1,176
Trenching	3	14.7	100.00%	10	441
Fine Grading	3	14.7	100.00%	5	221
Building Construction	35	14.7	50.19%	132	67,914
2020					
Building Construction	35	14.7	49.81%	131	67,400
Architectural Coating	12	14.7	100.00%	40	7,056
Finishing/Landscaping	8	14.7	100.00%	30	3,528
Paving	7	14.7	100.00%	7	720

¹ Based on information provided by SBCUSD.

² Based on CalEEMod defaults.

Year	LDA VMT			LDT1 VMT			LDT2 VMT			Gasoline ¹						Diesel ¹						Electricity ¹			
	LDA	LDT1	LDT2	LDA mpg	LDA gallons	LDT1 mpg	LDT1 gallons	LDT2 mpg	LDT2 gallons	LDA mpg	LDA gallons	LDT1 mpg	LDT1 gallons	LDT2 mpg	LDT2 gallons	LDA m/kWh	LDA kWh	LDT1 m/kWh	LDT1 kWh						
2019	38,073	19,037	19,037	29.17	1,287	24.68	770	22.53	839	47.78	5	23.89	770	0	34.91	2	2.98	92	2.98	9					
2020	39,352	19,676	19,676	29.88	1,295	25.32	775	23.29	837	49.05	6	24.08	0	35.96	3	2.99	123	2.99	16						

Gasoline		Diesel		Electricity	
VMT	Gallons	VMT	Gallons	VMT	kWh
75,446	2,896	340	8	299	100
77,813	2,907	391	9	418	140
153,258	5,803	730	17	717	240

¹ EMFAC2017 v1.0.2.

Year	VMT from gasoline			VMT from diesel			VMT from electricity		
	LDA	LDT1	LDT2	LDA	LDT1	LDT2	LDA	LDT1	
2019	98.63%	99.83%	99.24%	0.65%	0.04%	0.44%	0.72%	0.13%	
2020	98.34%	99.72%	99.07%	0.72%	0.03%	0.51%	0.94%	0.25%	

Appendix C: Evidence Used to Define the Average Number of KWH Required to Displace a Gallon of Gasoline

Table A 3: Evidence from U.S. Department of Energy and U.S. Environmental Protection Agency's fuel economy website^[32]

Vehicle	Model year	Electric consumption	Gasoline fuel economy	Number of kWh that are equivalent to 1 gallon
Ford Fusion Energi & Ford C-Max Energi	2013	0.34 kWh per mile	43 mpg	14.6
Chevrolet Volt	2013	0.35 kWh per mile	37 mpg	12.9
Chevrolet Volt	2012	0.36 kWh per mile	37 mpg	13.3
Fisker Karma	2012	0.62 kWh per mile	20 mpg	12.4
Toyota Prius	2013	0.29 kWh per mile & 0.2 gal	50 mpg	13.1
Average for five models	-	-	-	13.3 +/- 0.8

0.34	14.6	2013	0.34
0.35	12.9	2014	0.34
0.36	13.3	2015	0.34
0.34	13.3	2016	0.34
		2017	0.34
		2018	0.34
		2019	0.34
		2020	0.33
		2021	0.33
		2022	0.33
		2023	0.33
		2024	0.32
		2025	0.32
		2026	0.32
		2027	0.32
		2028	0.31
		2029	0.31
		2030	0.31
		2031	0.31
		2032	0.30
		2033	0.30
		2034	0.30
		2035	0.29

Table A 5: Average power consumption per mile traveled over time for different PEV categories

Year range	2012- 2020	2020-2030	2030-2040	2040-2050	2050
Efficiency improvement per year	0.3%	0.8%	0.9%	0.9%	
Year	2012	2020	2030	2040	2050
Relative energy efficiency	1.000	0.976	0.901	0.823	0.752

https://www.fhwa.dot.gov/environment/climate_change/mitigation/publications_and_tools/ev_deployment/page08.cfm

Vendor Trips Fuel Usage Worksheet

Note: Hauling vehicles are "HDT_Mix", which is 50% HHDT (T7), and 50% MHDT (T6)

Activity ¹	Daily trips ^{1,2}	Trip miles ²	Percent in year	Trip days ¹	Annual VMT
2019					
Building Demolition	5	6.9	100.00%	10	345
Building Demo Debris Processing	5	6.9	100.00%	30	1,035
Asphalt Demolition	9	6.9	100.00%	5	311
Asphalt Demo Debris Processing	1	6.9	100.00%	5	35
Site Preparation	3	6.9	100.00%	5	104
Rough Grading	9	6.9	100.00%	10	621
Trenching	3	6.9	100.00%	10	207
Fine Grading	5	6.9	100.00%	5	173
Building Construction	5	6.9	50.19%	132	4,554
2020					
Building Construction	5	6.9	49.81%	131	4,520
Architectural Coating	2	6.9	100.00%	40	552
Finishing/Landscaping	1	6.9	100.00%	30	207
Paving	1	6.9	100.00%	7	48

¹ Based on information provided by SBCUSD.

² Based on CalEEMod defaults.

Year	HHDT (T7) VMT		MHDT (T6) VMT		Gasoline ¹			Diesel ¹		
	HHDT (T7)	MHDT (T6)	HHDT (T7) mpg	HHDT (T7) gallons	MHDT (T6) mpg	MHDT (T6) gallons	HHDT (T7) mpg	HHDT (T7) gallons	MHDT (T6) mpg	MHDT (T6) gallons
2019	3,692	3,692	3.86	0	4.99	58	6.31	585	10.21	333
2020	2,663	2,663	3.97	0	5.03	41	6.42	415	10.38	237

¹ EMFAC2017 v1.0.2.

Year	VMT from gasoline		VMT from diesel	
	HHDT (T7)	MHDT (T6)	HHDT (T7)	MHDT (T6)
2019	0.03%	7.85%	99.97%	92.15%
2020	0.03%	7.67%	99.97%	92.33%

VENDOR			
Gasoline		Diesel	
VMT	Gallons	VMT	Gallons
291	58	7,092	918
205	41	5,122	652
496	99	12,214	1,570

VENDOR AND HAULING COMBINED			
Gasoline		Diesel	
VMT	Gallons	VMT	Gallons
291	58	7,432	972
205	41	5,122	652
496	99	12,554	1,623

Truck Haul Trips Fuel Usage Worksheet

Note: Hauling vehicles are HHDT (T7)

Activity	Total Trips ¹
Building Demolition	13
Asphalt Demolition	4

¹ Based on information provided by SBCUSD.

Activity	Daily trips	Mi/Trip ¹	Percent in year	Trip Days ²	Annual VMT
2019					
Building Demolition	1	20	100.00%	10	260
Asphalt Demolition	1	20	100.00%	5	80

¹ Based on CalEEMod defaults.

² Based on information provided by SBCUSD.

Year	VMT	Gasoline ¹		Diesel ¹	
		HHDT (T7) mpg	HHDT (T7) gallons	HHDT (T7) mpg	HHDT (T7) gallons
2019	340	3.86	0	6.31	54

¹ EMFAC2017 v1.0.2.

Year	VMT from gasoline	VMT from diesel
2019	0.03%	99.97%

Gasoline		Diesel	
VMT	Gallons	VMT	Gallons
0	0	340	54
0	0	340	54

Off-Road Construction Equipment Fuel Usage Worksheet

Activity ¹	Number ¹	Percent in year	Working days ¹	Gasoline days ²	Gasoline gallons ²	Diesel days ²	Diesel gallons ²
2019							
Building Demolition							
Excavators	1	100.00%	10	0	0	10	214
Excavators	1	100.00%	10	0	0	10	214
Tractors/Loaders/Backhoes	1	100.00%	10	0	0	10	111
Building Demo Debris Processing							
Excavators	2	100.00%	30	0	0	30	1,286
Skid Steer Loaders	2	100.00%	30	4	9	26	170
Asphalt Demolition							
Paving Equipment	1	100.00%	5	5	1	0	1
Asphalt Demo Debris Processing							
Tractors/Loaders/Backhoes	1	100.00%	5	0	0	5	56
Site Preparation							
Skid Steer Loaders	1	100.00%	5	1	1	4	14
Excavators	1	100.00%	5	0	0	5	107
Rough Grading							
Scrapers	2	100.00%	10	0	0	10	888
Tractors/Loaders/Backhoes	1	100.00%	10	0	0	10	111
Trenching							
Excavators	1	100.00%	10	0	0	10	214
Tractors/Loaders/Backhoes	1	100.00%	10	0	0	10	111
Fine Grading							
Graders	1	100.00%	5	0	0	5	79
Tractors/Loaders/Backhoes	1	100.00%	5	0	0	5	56
Building Construction							
Cranes	1	50.19%	132	2	8	130	7,171
Forklifts	3	50.19%	132	98	2,951	34	1,251
Generator Sets	1	50.19%	132	122	32	10	25
Tractors/Loaders/Backhoes	3	50.19%	132	0	6	132	4,400
Welders	1	50.19%	132	100	61	32	65
2020							
Building Construction							
Cranes	1	49.81%	131	2	8	129	7,115
Forklifts	3	49.81%	131	97	2,930	34	1,241
Generator Sets	1	49.81%	131	121	32	10	25
Tractors/Loaders/Backhoes	3	49.81%	131	0	6	131	4,361
Welders	1	49.81%	131	99	60	32	65
Architectural coating							
Air Compressors	1	100.00%	40	23	25	17	108
Finishing/Landscaping							
Excavators	1	100.00%	30	0	0	30	642
Paving Equipment	1	100.00%	30	29	7	1	7
Skid Steer Loaders	2	100.00%	30	4	9	26	170
Asphalt Paving							
Pavers	1	100.00%	7	0	0	7	57
Rollers	2	100.00%	7	1	2	6	67

Year	Gasoline gallons	Diesel gallons
2019	3,069	16,543
2020	3,079	13,857
Total	6,148	30,400

¹ Based on information provided.

² EMFAC2017 v.1.0.2.

EMFAC Fuel Usage: Year 2019

Vehicle type	Gasoline			Diesel			Natural Gas			Electricity
	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day
All other buses	0	0	#DIV/0!	10,193	1,019	10.01	0	0	#DIV/0!	0
LDA	22,229,413	762,090	29.17	147,382	3,084	47.78	0	0	#DIV/0!	162,043
LDT1	1,905,989	77,223	24.68	749	31	23.89	0	0	#DIV/0!	2,548
LDT2	6,292,813	279,344	22.53	27,718	794	34.91	0	0	#DIV/0!	20,485
LHD1	520,125	50,362	10.33	424,059	20,869	20.32	0	0	#DIV/0!	0
LHD2	91,806	10,200	9.00	156,950	8,508	18.45	0	0	#DIV/0!	0
MCY	156,880	4,190	37.44	0	0	#DIV/0!	0	0	#DIV/0!	0
MDV	5,355,444	289,285	18.51	90,222	3,452	26.13	0	0	#DIV/0!	4,307
MH	34,767	6,971	4.99	12,103	1,170	10.35	0	0	#DIV/0!	0
Motor coach	0	0	#DIV/0!	6,202	988	6.28	0	0	#DIV/0!	0
OBUS	20,008	4,022	4.98	0	0	#DIV/0!	0	0	#DIV/0!	0
PTO	0	0	#DIV/0!	31,304	6,554	4.78	0	0	#DIV/0!	0
SBUS	9,587	1,080	8.87	23,274	3,120	7.46	0	0	#DIV/0!	0
T6	76,582	15,352	4.99	899,531	88,087	10.21	0	0	#DIV/0!	0
T7	448	116	3.86	1,640,110	259,852	6.31	43,724	20,744	2.11	0
UBUS	12,831	1,433	8.95	238	32	7.53	27,477	7,091	3.88	1
Total	36,706,692	1,501,669	24.44	3,470,035	397,560	8.73	71,201	27,835	2.56	189,384



521,079,131

2.49%

81875000 12971941.12

EMFAC2017 (v1.0.2) Emissions Inventory

Region Type: County

Region: San Bernardino (SC)

Calendar Year: 2019

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Trips	Fuel_Consumption
San Bernardino (SC)	2019	All Other Buses	Aggregated	Aggregated	DSL	178.9199128	10192.79088	1502.927268	1.018659928
San Bernardino (SC)	2019	LDA	Aggregated	Aggregated	GAS	507777.7268	2222941.265	2390969.713	762.0900155
San Bernardino (SC)	2019	LDA	Aggregated	Aggregated	DSL	3136.52447	147381.6186	15004.09898	3.084278239
San Bernardino (SC)	2019	LDA	Aggregated	Aggregated	ELEC	4169.898242	162043.2439	21122.21053	0
San Bernardino (SC)	2019	LDT1	Aggregated	Aggregated	GAS	52591.86097	1905988.612	236011.522	77.22349317
San Bernardino (SC)	2019	LDT1	Aggregated	Aggregated	DSL	39.16286995	749.332385	130.6190839	0.031361698
San Bernardino (SC)	2019	LDT1	Aggregated	Aggregated	ELEC	67.47220673	2547.844483	338.1199946	0
San Bernardino (SC)	2019	LDT2	Aggregated	Aggregated	GAS	162667.227	6292813.124	755496.6311	279.343989
San Bernardino (SC)	2019	LDT2	Aggregated	Aggregated	DSL	599.242313	27717.63327	2983.36249	0.793975621
San Bernardino (SC)	2019	LDT2	Aggregated	Aggregated	ELEC	590.428765	20484.58666	3020.581732	0
San Bernardino (SC)	2019	LHD1	Aggregated	Aggregated	GAS	15144.04	520125.3577	225623.6313	50.36191341
San Bernardino (SC)	2019	LHD1	Aggregated	Aggregated	DSL	11253.53958	424059.3881	141555.3709	20.86894422
San Bernardino (SC)	2019	LHD2	Aggregated	Aggregated	GAS	2661.582653	91806.40537	39653.61578	10.2001127
San Bernardino (SC)	2019	LHD2	Aggregated	Aggregated	DSL	4141.395007	156949.8288	52093.53931	8.508293257
San Bernardino (SC)	2019	MCY	Aggregated	Aggregated	GAS	22881.36524	156879.8312	45762.73049	4.190399781
San Bernardino (SC)	2019	MDV	Aggregated	Aggregated	GAS	142635.8616	5355443.542	652011.1056	289.2849613
San Bernardino (SC)	2019	MDV	Aggregated	Aggregated	DSL	1929.296978	90222.05849	9489.749911	3.452207312
San Bernardino (SC)	2019	MDV	Aggregated	Aggregated	ELEC	123.9770494	4306.870672	633.6932271	0
San Bernardino (SC)	2019	MH	Aggregated	Aggregated	GAS	4046.334582	34766.85334	404.7953115	6.970824987
San Bernardino (SC)	2019	MH	Aggregated	Aggregated	DSL	1294.354632	12102.50818	129.4354632	1.169854955
San Bernardino (SC)	2019	Motor Coach	Aggregated	Aggregated	DSL	49.14784963	6202.191456	717.5586046	0.987894707
San Bernardino (SC)	2019	OBUS	Aggregated	Aggregated	GAS	415.9405969	20007.63949	8322.139464	4.021560399
San Bernardino (SC)	2019	PTO	Aggregated	Aggregated	DSL	0	31304.2601	0	6.55351592
San Bernardino (SC)	2019	SBUS	Aggregated	Aggregated	GAS	211.9951165	9586.869751	847.9804659	1.080324477
San Bernardino (SC)	2019	SBUS	Aggregated	Aggregated	DSL	734.2529181	23274.07002	8473.176875	3.119633742
San Bernardino (SC)	2019	T6 Ag	Aggregated	Aggregated	DSL	2.05	15.85487216	9.02	0.001923351
San Bernardino (SC)	2019	T6 CAIRP heavy	Aggregated	Aggregated	DSL	52.46130974	10537.9237	765.9351223	0.949263713
San Bernardino (SC)	2019	T6 CAIRP small	Aggregated	Aggregated	DSL	28.29013455	1514.329882	413.0359644	0.144412486
San Bernardino (SC)	2019	T6 instate construction heavy	Aggregated	Aggregated	DSL	589.4564754	39639.36781	2664.909807	4.031554851
San Bernardino (SC)	2019	T6 instate construction small	Aggregated	Aggregated	DSL	1692.814927	85353.78508	7653.150468	8.577459668
San Bernardino (SC)	2019	T6 instate heavy	Aggregated	Aggregated	DSL	2509.677729	340576.8565	28961.33304	32.37132352
San Bernardino (SC)	2019	T6 instate small	Aggregated	Aggregated	DSL	7864.382487	400774.4994	90753.88354	39.62150224
San Bernardino (SC)	2019	T6 OOS heavy	Aggregated	Aggregated	DSL	30.17319264	6074.978423	440.5286126	0.546954291
San Bernardino (SC)	2019	T6 OOS small	Aggregated	Aggregated	DSL	15.92604144	843.47919	232.5202051	0.080727624
San Bernardino (SC)	2019	T6 Public	Aggregated	Aggregated	DSL	718.0620874	10773.82039	2178.121663	1.394050755
San Bernardino (SC)	2019	T6 utility	Aggregated	Aggregated	DSL	205.0024106	3425.959118	2357.527722	0.367857705
San Bernardino (SC)	2019	T6TS	Aggregated	Aggregated	GAS	1416.414447	76582.45531	28339.62026	15.35197816
San Bernardino (SC)	2019	T7 CAIRP	Aggregated	Aggregated	DSL	1345.23586	252642.0722	19640.44356	37.54699815
San Bernardino (SC)	2019	T7 CAIRP construction	Aggregated	Aggregated	DSL	150.0723055	28473.30224	678.4710582	4.02760852
San Bernardino (SC)	2019	T7 NNOOS	Aggregated	Aggregated	DSL	1509.527529	307997.2501	22039.10192	44.44577547
San Bernardino (SC)	2019	T7 NOOS	Aggregated	Aggregated	DSL	529.928772	99261.39251	7736.960072	15.0999146
San Bernardino (SC)	2019	T7 POLA	Aggregated	Aggregated	DSL	1907.524782	228205.6163	14497.18834	41.70440398
San Bernardino (SC)	2019	T7 Public	Aggregated	Aggregated	DSL	935.6173115	18964.44043	2838.039175	3.409263624
San Bernardino (SC)	2019	T7 Single	Aggregated	Aggregated	DSL	2222.84227	157654.5111	25651.29161	24.45837792
San Bernardino (SC)	2019	T7 single construction	Aggregated	Aggregated	DSL	1015.814324	70637.02575	4592.457065	10.9270042
San Bernardino (SC)	2019	T7 SWCV	Aggregated	Aggregated	DSL	562.0240529	22963.39218	2191.893806	11.24220022
San Bernardino (SC)	2019	T7 SWCV	Aggregated	Aggregated	NG	1072.021441	43723.84158	4180.883621	20.74418918
San Bernardino (SC)	2019	T7 tractor	Aggregated	Aggregated	DSL	2807.789707	393036.0095	35658.92928	57.60353261
San Bernardino (SC)	2019	T7 tractor construction	Aggregated	Aggregated	DSL	831.3350407	58269.3273	3758.433397	9.059068561
San Bernardino (SC)	2019	T7 utility	Aggregated	Aggregated	DSL	98.81010541	2005.431946	1136.316212	0.328156173
San Bernardino (SC)	2019	T7IS	Aggregated	Aggregated	GAS	8.282989254	447.5794625	165.726049	0.1159259
San Bernardino (SC)	2019	UBUS	Aggregated	Aggregated	GAS	112.821402	12830.97294	451.285608	1.433465502
San Bernardino (SC)	2019	UBUS	Aggregated	Aggregated	DSL	2.896720367	238.2836669	11.58688147	0.031651945
San Bernardino (SC)	2019	UBUS	Aggregated	Aggregated	ELEC	0.058469431	1.251702935	0.233877724	0
San Bernardino (SC)	2019	UBUS	Aggregated	Aggregated	NG	205.5649645	27476.90466	822.259858	7.090793125

OFFROAD2007 Fuel Usage: Year 2019

	Gasoline			Diesel		
	Total population	Total fuel use	Fuel use per day per unit	Total population	Total fuel use	Fuel use per day per unit
Air Compressors	88	94	1.073	63	407	6.452
Bore/Drill rigs	4	4	1.024	23	1,050	45.404
Cement and Mortar Mixers	316	31	0.097	8	2	0.272
Concrete/Industrial Saws	46	35	0.762	1	6	4.245
Cranes	1	3	3.324	43	2,363	55.306
Excavators	0	0	#DIV/0!	244	5,231	21.425
Forklifts	22	221	10.062	8	94	12.185
Generator Sets	2,041	538	0.263	162	415	2.563
Graders	0	0	#DIV/0!	85	1,337	15.734
Pavers	0	0	#DIV/0!	37	302	8.116
Paving Equipment	227	56	0.246	8	55	7.201
Rollers	26	22	0.850	110	643	5.863
Rubber Tired Dozers	0	0	#DIV/0!	15	897	61.326
Scrapers	0	0	#DIV/0!	30	1,331	44.432
Skid Steer Loaders	53	66	1.242	391	1,258	3.216
Tractors/Loaders/Backhoes	1	6	6.968	405	4,507	11.134
Welders	271	164	0.604	86	177	2.061

CY	Season	AvgDays	Code	Equipment	Fuel	MaxHP	Class	C/R	Pre	Hand	Port	County	Air Basin	Air Dist.	Population	Activity	Consumption	ROG Exhaust	CO Exhaust	NOX Exhaust	CO2 Exhaust	SO2 Exhaust	PM Exhaust	N2O Exhaust	CH4 Exhaust
2019	Annual	Mon-Sun	2260002006	Tampers/Rammers	G2		15 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	3.47E+01	1.73E+01	3.49E+00	2.20E-04	9.44E-03	1.72E-04	1.80E-02	7.43E-07	1.51E-04	2.70E-05	1.37E-05
2019	Annual	Mon-Sun	2260002009	Plate Compactors	G2		15 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	2.98E+00	1.68E+00	3.39E-01	2.13E-05	9.17E-04	1.67E-05	1.75E-03	7.22E-08	1.47E-05	2.62E-06	1.33E-06
2019	Annual	Mon-Sun	2260003040	Other General Industrial Equip	G2		15 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.41E-01	1.45E-01	5.70E-02	2.57E-06	1.55E-04	1.95E-06	2.96E-04	1.22E-08	1.38E-07	2.65E-07	1.59E-07
2019	Annual	Mon-Sun	2260006005	Generator Sets	G2		2 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	1.57E+01	5.76E+00	3.07E-01	4.60E-05	5.91E-04	1.19E-05	1.86E-03	7.64E-08	6.49E-06	3.84E-06	2.86E-06
2019	Annual	Mon-Sun	2260006005	Generator Sets	G2		2 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	1.23E+01	3.05E+00	1.69E-01	2.96E-05	3.40E-04	6.58E-06	9.81E-04	4.04E-08	3.50E-06	2.07E-06	1.84E-06
2019	Annual	Mon-Sun	2260006005	Generator Sets	G2		15 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	1.58E-01	5.81E-02	3.24E-02	1.48E-06	8.82E-05	1.13E-06	1.68E-04	6.94E-09	7.69E-08	1.29E-07	9.21E-08
2019	Annual	Mon-Sun	2260006005	Generator Sets	G2		15 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	1.20E-01	2.98E-02	1.69E-02	1.12E-06	4.63E-05	6.06E-07	8.63E-05	3.55E-09	4.89E-08	6.75E-08	6.94E-08
2019	Annual	Mon-Sun	2260006010	Pumps	G2		2 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	6.23E+01	4.40E+01	2.28E+00	3.07E-04	4.08E-03	8.56E-05	1.44E-02	5.92E-07	5.05E-05	2.86E-05	1.91E-05
2019	Annual	Mon-Sun	2260006010	Pumps	G2		2 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	4.89E+01	2.32E+01	1.23E+00	1.75E-04	2.32E-03	4.76E-05	7.59E-03	3.13E-07	2.65E-05	1.55E-05	1.09E-05
2019	Annual	Mon-Sun	2260006010	Pumps	G2		15 Light Commercial Equipment	C	P	NHH	P	Total	Total	Total	1.68E+01	1.19E+01	6.01E+00	3.86E-04	1.62E-02	3.02E-04	3.10E-02	1.28E-06	2.60E-04	3.05E-05	2.40E-05
2019	Annual	Mon-Sun	2260006010	Pumps	G2		15 Light Commercial Equipment	R	P	NHH	P	Total	Total	Total	1.32E+01	6.27E+00	3.18E+00	2.04E-04	8.59E-03	1.58E-04	1.64E-02	6.75E-07	1.37E-04	1.60E-05	1.27E-05
2019	Annual	Mon-Sun	2260006010	Pumps	G2		25 Light Commercial Equipment	C	P	NHH	P	Total	Total	Total	2.03E-01	1.44E-01	1.59E-01	1.05E-05	4.43E-04	7.17E-06	7.97E-04	3.28E-08	6.68E-06	5.28E-07	6.50E-07
2019	Annual	Mon-Sun	2260006010	Pumps	G2		25 Light Commercial Equipment	R	P	NHH	P	Total	Total	Total	1.58E-01	7.51E-02	8.31E-02	5.43E-06	2.32E-04	3.72E-06	4.17E-04	1.72E-08	3.50E-06	2.75E-07	3.38E-07
2019	Annual	Mon-Sun	2265002003	Asphalt Pavers	G4		15 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	7.57E-01	8.22E-01	4.70E-01	3.53E-05	1.33E-03	2.66E-05	2.31E-03	6.59E-08	1.94E-05	2.35E-06	2.04E-06
2019	Annual	Mon-Sun	2265002003	Asphalt Pavers	G4		25 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.30E+00	1.41E+00	2.02E+00	1.56E-04	5.90E-03	1.03E-04	9.67E-03	2.45E-07	1.80E-05	6.22E-06	8.99E-06
2019	Annual	Mon-Sun	2265002003	Asphalt Pavers	G4		50 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	7.12E-01	7.65E-01	1.76E+00	3.34E-05	1.85E-03	4.65E-05	1.40E-02	1.70E-07	1.07E-06	2.87E-06	1.93E-06
2019	Annual	Mon-Sun	2265002003	Asphalt Pavers	G4		120 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	3.91E-01	4.20E-01	1.60E+00	1.82E-05	5.83E-04	4.76E-05	1.44E-02	1.40E-07	1.12E-06	2.02E-06	1.05E-06
2019	Annual	Mon-Sun	2265002006	Tampers/Rammers	G4		15 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.60E+00	8.00E-01	3.81E-01	2.82E-05	1.08E-03	2.13E-05	1.87E-03	5.34E-08	1.57E-05	2.06E-06	1.63E-06
2019	Annual	Mon-Sun	2265002009	Plate Compactors	G4		5 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	5.88E+01	2.90E+01	5.21E+00	7.72E-04	1.10E-02	3.34E-04	3.02E-02	1.04E-06	9.86E-06	4.78E-05	4.21E-05
2019	Annual	Mon-Sun	2265002009	Plate Compactors	G4		15 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	6.24E+01	3.52E+01	1.49E+01	1.11E-03	4.22E-02	8.37E-04	7.34E-02	2.09E-06	6.15E-04	8.54E-05	6.40E-05
2019	Annual	Mon-Sun	2265002015	Rollers	G4		5 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	6.55E+00	1.49E+00	3.98E-01	4.74E-05	9.39E-04	2.17E-05	7.56E-08	7.13E-07	2.78E-06	2.74E-06	2.74E-06
2019	Annual	Mon-Sun	2265002015	Rollers	G4		15 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.06E+01	9.01E+00	4.84E+00	3.59E-04	1.37E-02	2.72E-04	2.38E-02	6.79E-07	2.00E-04	2.48E-05	2.08E-05
2019	Annual	Mon-Sun	2265002015	Rollers	G4		25 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	7.16E+00	6.08E+00	7.10E+00	5.41E-04	2.07E-02	3.58E-04	3.39E-02	8.60E-07	2.84E-04	2.39E-05	3.13E-05
2019	Annual	Mon-Sun	2265002015	Rollers	G4		50 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	5.01E-01	8.54E-01	2.29E+00	5.84E-05	3.19E-03	7.83E-05	1.69E-02	2.06E-07	1.30E-06	3.97E-06	3.37E-06
2019	Annual	Mon-Sun	2265002015	Rollers	G4		120 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	9.43E-01	1.61E+00	7.27E+00	1.23E-04	3.82E-03	2.92E-04	6.37E-02	6.16E-07	4.94E-06	1.01E-05	7.08E-06
2019	Annual	Mon-Sun	2265002021	Paving Equipment	G4		5 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	8.23E+01	3.84E+01	7.42E+00	1.02E-03	1.58E-02	4.69E-04	4.29E-02	1.48E-06	1.40E-05	6.53E-05	5.92E-05
2019	Annual	Mon-Sun	2265002021	Paving Equipment	G4		15 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.39E+02	7.64E+01	4.33E+01	3.21E-03	1.23E-01	2.43E-03	2.13E-01	6.08E-06	1.79E-03	2.16E-04	1.86E-04
2019	Annual	Mon-Sun	2265002021	Paving Equipment	G4		25 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	3.10E+00	1.70E+00	2.18E+00	1.66E-04	6.36E-03	1.10E-04	1.04E-02	2.64E-07	1.82E-06	7.02E-06	9.58E-06
2019	Annual	Mon-Sun	2265002021	Paving Equipment	G4		50 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.95E+00	9.34E-01	2.08E+00	2.52E-05	1.52E-03	3.89E-05	1.76E-02	2.14E-07	1.35E-06	2.95E-06	1.46E-06
2019	Annual	Mon-Sun	2265002021	Paving Equipment	G4		120 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	5.01E-01	2.41E-01	8.61E-01	5.05E-06	1.88E-04	1.38E-05	8.00E-03	7.73E-08	6.20E-07	8.38E-07	2.92E-07
2019	Annual	Mon-Sun	2265002024	Surfacing Equipment	G4		5 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.51E+01	8.29E+00	1.64E+00	2.35E-04	3.41E-03	1.08E-04	9.61E-03	3.32E-07	3.13E-06	1.46E-05	1.36E-05
2019	Annual	Mon-Sun	2265002024	Surfacing Equipment	G4		15 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	4.49E+01	6.19E+01	2.34E+01	1.82E-03	6.62E-02	1.38E-03	1.15E-01	3.28E-06	9.64E-04	1.45E-04	1.05E-04
2019	Annual	Mon-Sun	2265002024	Surfacing Equipment	G4		25 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	6.15E-01	8.48E-01	7.84E-01	6.25E-05	2.28E-03	4.14E-05	3.74E-03	9.47E-08	3.13E-05	3.02E-06	3.61E-06
2019	Annual	Mon-Sun	2265002027	Signal Boards	G4		5 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.87E-01	6.65E-02	2.13E-02	2.70E-06	4.83E-05	1.24E-06	1.20E-04	4.13E-09	3.90E-08	1.42E-07	1.56E-07
2019	Annual	Mon-Sun	2265002027	Signal Boards	G4		15 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.33E+00	1.03E+00	6.05E-01	4.46E-05	1.71E-03	3.37E-05	2.98E-03	8.49E-08	2.50E-05	2.97E-06	2.58E-06
2019	Annual	Mon-Sun	2265002030	Trenchers	G4		15 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.23E+01	1.46E+01	9.29E+00	7.06E-04	2.63E-02	5.34E-04	4.57E-02	1.30E-06	3.83E-04	4.46E-05	4.08E-05
2019	Annual	Mon-Sun	2265002030	Trenchers	G4		25 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	9.52E+00	1.13E+01	1.56E+01	1.21E-03	4.54E-02	8.03E-04	7.43E-02	1.88E-06	6.23E-04	4.92E-05	7.01E-05
2019	Annual	Mon-Sun	2265002030	Trenchers	G4		50 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	4.56E+00	5.03E+00	1.10E+01	2.39E-04	1.24E-02	3.49E-04	8.60E-02	1.05E-06	6.59E-06	2.01E-05	1.38E-05
2019	Annual	Mon-Sun	2265002030	Trenchers	G4		120 Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.51E+00	1.67E+00	6.93E+00	9.53E-05	2.82E-03	2.58E-04	6.21E-02	6.00E-07	4.81E-06	9.46E-06	5.50E-06
2019	Annual	Mon-Sun	2265002033	Bore/Drill Rigs	G4		15 Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	3.51E-01	1.19E-01	9.06E-02	6.50E-06	2.57E-04	4.92E-06	4.47E-04	1.27E-08	3.74E-06	3.88E-07	3.76E-07
2019	Annual	Mon-Sun	2265002033	Bore/Drill Rigs	G4		25 Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	1.75E+00	5.93E-01	6.14E-01	6.14E-05	2.44E-03	4.06E-05	3.99E-03	1.01E-07	3.35E-05	2.53E-06	3.55E-06
2019	Annual	Mon-Sun	2265002033	Bore/Drill Rigs	G4		50 Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	2.21E-01	6.47E-02	1.67E-01	2.67E-06	1.20E-04	4.65E-06	1.41E-03	1.72E-08	1.08E-07	2.62E-07	1.54E-07
2019	Annual	Mon-Sun	2265002033	Bore/Drill Rigs	G4		120 Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	1.01E+00	2.97E-01									

2019 Annual	Mon-Sun	2265003010	Aerial Lifts	G4	50 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.42E+00	1.40E+00	2.23E+00	2.54E-05	1.89E-03	3.63E-05	1.84E-02	2.24E-07	1.41E-06	3.55E-06	1.47E-06
2019 Annual	Mon-Sun	2265003010	Aerial Lifts	G4	120 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.42E+00	1.40E+00	4.00E+00	2.01E-05	1.01E-03	4.80E-05	3.70E-02	3.57E-07	2.86E-06	4.10E-06	1.16E-06
2019 Annual	Mon-Sun	2265003020	Forklifts	G4	25 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	2.72E-02	6.72E-02	4.57E-02	2.42E-06	1.35E-04	1.89E-06	2.19E-04	5.56E-09	1.23E-07	1.78E-07	1.39E-07
2019 Annual	Mon-Sun	2265003020	Forklifts	G4	50 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	4.73E+00	2.34E+01	3.71E+01	6.44E-04	6.87E-02	1.40E-03	2.48E-01	3.02E-06	1.90E-05	9.03E-05	3.64E-05
2019 Annual	Mon-Sun	2265003020	Forklifts	G4	120 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.66E+01	8.20E+01	1.72E+02	1.36E-03	1.17E-01	6.30E-03	1.47E+00	1.42E-05	1.14E-04	3.67E-04	7.70E-05
2019 Annual	Mon-Sun	2265003020	Forklifts	G4	175 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	6.07E-01	3.00E+00	1.20E+01	7.13E-05	4.48E-03	3.90E-04	1.09E-01	1.08E-06	8.68E-06	1.79E-05	4.04E-06
2019 Annual	Mon-Sun	2265003030	Sweepers/Scrubbers	G4	15 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	7.89E-01	5.84E-01	3.16E-01	1.60E-05	9.03E-04	1.17E-05	1.57E-03	4.48E-08	7.98E-07	1.29E-06	9.26E-07
2019 Annual	Mon-Sun	2265003030	Sweepers/Scrubbers	G4	25 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	7.70E-01	5.70E-01	7.14E-01	3.56E-05	2.10E-03	2.75E-05	3.45E-03	8.74E-08	1.81E-06	2.01E-06	2.06E-06
2019 Annual	Mon-Sun	2265003030	Sweepers/Scrubbers	G4	50 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.32E+00	1.87E+00	4.88E+00	5.52E-05	4.33E-03	1.12E-04	4.01E-02	4.87E-07	3.07E-06	7.40E-06	3.19E-06
2019 Annual	Mon-Sun	2265003030	Sweepers/Scrubbers	G4	120 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.10E+00	1.56E+00	6.97E+00	3.22E-05	1.85E-03	1.91E-04	6.42E-02	6.21E-07	4.98E-06	9.06E-06	1.86E-06
2019 Annual	Mon-Sun	2265003030	Sweepers/Scrubbers	G4	175 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	6.40E-03	9.06E-03	8.16E-02	2.50E-07	2.46E-05	2.26E-06	7.48E-04	7.43E-09	5.96E-08	7.70E-08	1.44E-08
2019 Annual	Mon-Sun	2265003040	Other General Industrial Equip	G4	15 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.56E+00	1.61E+00	6.63E-01	3.52E-05	1.89E-03	2.57E-05	3.29E-03	9.38E-08	1.75E-06	3.16E-06	2.03E-06
2019 Annual	Mon-Sun	2265003040	Other General Industrial Equip	G4	25 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	5.12E-01	6.04E-01	5.77E-01	2.99E-05	1.70E-03	2.34E-05	2.78E-03	7.05E-08	1.52E-06	1.90E-06	1.73E-06
2019 Annual	Mon-Sun	2265003040	Other General Industrial Equip	G4	50 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	4.53E-01	8.86E-01	1.57E+00	1.99E-05	1.73E-03	4.14E-05	1.24E-02	1.51E-07	9.49E-07	3.06E-06	1.15E-06
2019 Annual	Mon-Sun	2265003040	Other General Industrial Equip	G4	120 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.49E-01	2.91E-01	1.17E+00	6.17E-06	4.06E-04	3.42E-05	1.06E-02	1.02E-07	8.21E-07	1.65E-06	3.55E-07
2019 Annual	Mon-Sun	2265003040	Other General Industrial Equip	G4	175 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.44E-02	2.82E-02	2.40E-01	8.68E-07	7.54E-05	6.88E-06	2.20E-03	2.18E-08	1.75E-07	2.37E-07	5.00E-08
2019 Annual	Mon-Sun	2265003050	Other Material Handling Equip	G4	50 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	6.40E-03	6.78E-03	1.63E-02	3.17E-07	1.86E-05	5.68E-07	1.27E-04	1.55E-09	9.74E-09	3.10E-08	1.83E-08
2019 Annual	Mon-Sun	2265003050	Other Material Handling Equip	G4	120 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	2.83E-01	3.00E-01	8.16E-01	9.46E-06	3.25E-04	3.55E-05	7.33E-03	7.08E-08	5.68E-07	1.62E-06	5.46E-07
2019 Annual	Mon-Sun	2265006005	Generator Sets	G4	5 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	2.06E+02	7.57E+01	1.66E+01	2.46E-03	3.41E-02	6.49E-04	9.74E-02	3.36E-06	3.37E-04	1.06E-04	1.42E-04
2019 Annual	Mon-Sun	2265006005	Generator Sets	G4	5 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	1.62E+02	4.00E+01	9.04E+00	1.38E-03	1.94E-02	3.60E-04	5.15E-02	1.78E-06	1.75E-04	5.70E-05	7.96E-05
2019 Annual	Mon-Sun	2265006005	Generator Sets	G4	15 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	5.65E+02	2.08E+02	1.21E+02	6.62E-03	3.47E-01	4.81E-03	6.02E-01	1.72E-05	3.17E-04	4.96E-04	3.83E-04
2019 Annual	Mon-Sun	2265006005	Generator Sets	G4	15 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	4.44E+02	1.10E+02	6.53E+01	4.25E-03	1.88E-01	6.25E-03	3.18E-01	9.07E-06	1.67E-04	2.67E-04	2.46E-04
2019 Annual	Mon-Sun	2265006005	Generator Sets	G4	25 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	3.04E+02	1.12E+02	1.42E+02	7.39E-03	4.17E-01	5.58E-03	6.83E-01	1.73E-05	3.60E-04	4.02E-04	4.27E-04
2019 Annual	Mon-Sun	2265006005	Generator Sets	G4	25 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	2.39E+02	5.90E+01	7.58E+01	4.68E-03	2.24E-01	2.97E-03	3.61E-01	9.15E-06	1.89E-04	2.12E-04	2.71E-04
2019 Annual	Mon-Sun	2265006005	Generator Sets	G4	50 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.01E+02	3.18E+01	7.08E+01	1.03E-03	5.18E-02	2.01E-03	5.98E-01	7.27E-06	4.58E-05	1.24E-04	5.97E-05
2019 Annual	Mon-Sun	2265006005	Generator Sets	G4	120 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.95E+01	6.14E+00	3.20E+01	2.59E-04	7.72E-03	1.26E-03	2.96E-01	2.86E-06	2.29E-05	4.42E-05	1.50E-05
2019 Annual	Mon-Sun	2265006005	Generator Sets	G4	175 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.84E+00	5.80E-01	5.21E+00	2.54E-05	1.50E-03	2.23E-04	4.78E-02	4.75E-07	3.81E-06	5.82E-06	1.47E-06
2019 Annual	Mon-Sun	2265006010	Pumps	G4	5 Light Commercial Equipment	C	P	NHH	P	Total	Total	Total	7.30E+01	5.16E+01	8.32E+00	1.31E-03	1.58E-02	6.02E-04	5.05E-02	1.74E-06	1.65E-05	8.57E-05	7.59E-05
2019 Annual	Mon-Sun	2265006010	Pumps	G4	5 Light Commercial Equipment	R	P	NHH	P	Total	Total	Total	5.73E+01	2.72E+01	4.53E+00	7.39E-04	9.07E-03	3.11E-04	2.67E-02	9.22E-07	1.74E-05	4.47E-05	4.27E-05
2019 Annual	Mon-Sun	2265006010	Pumps	G4	15 Light Commercial Equipment	C	P	NHH	P	Total	Total	Total	7.91E+01	5.59E+01	2.97E+01	2.25E-03	8.39E-02	1.70E-03	1.46E-01	4.16E-06	1.22E-03	1.55E-04	1.30E-04
2019 Annual	Mon-Sun	2265006010	Pumps	G4	15 Light Commercial Equipment	R	P	NHH	P	Total	Total	Total	6.21E+01	2.95E+01	1.57E+01	1.19E-03	4.45E-02	8.87E-04	7.71E-02	2.20E-06	6.47E-04	8.11E-05	6.87E-05
2019 Annual	Mon-Sun	2265006010	Pumps	G4	25 Light Commercial Equipment	C	P	NHH	P	Total	Total	Total	2.03E+01	1.43E+01	1.66E+01	1.28E-03	4.85E-02	8.47E-04	7.95E-02	2.01E-06	6.66E-04	5.65E-05	7.40E-05
2019 Annual	Mon-Sun	2265006010	Pumps	G4	25 Light Commercial Equipment	R	P	NHH	P	Total	Total	Total	1.59E+01	7.56E+00	8.78E+00	6.70E-04	2.56E-02	4.43E-04	4.20E-02	1.06E-06	3.52E-04	2.97E-05	3.88E-05
2019 Annual	Mon-Sun	2265006010	Pumps	G4	50 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	8.08E+00	4.88E+00	1.09E+01	1.59E-04	8.99E-03	2.39E-04	9.02E-02	1.10E-06	6.91E-06	1.65E-05	9.16E-06
2019 Annual	Mon-Sun	2265006010	Pumps	G4	120 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	1.02E+01	6.19E+00	3.68E+01	2.89E-04	9.74E-03	8.18E-04	3.39E-01	3.28E-06	2.63E-05	3.23E-05	1.67E-05
2019 Annual	Mon-Sun	2265006010	Pumps	G4	175 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	3.09E-01	1.87E-01	1.68E+00	8.94E-06	4.98E-04	4.16E-05	1.54E-02	1.53E-07	1.23E-06	1.28E-06	5.17E-07
2019 Annual	Mon-Sun	2265006015	Air Compressors	G4	5 Light Commercial Equipment	C	P	NHH	P	Total	Total	Total	2.64E+01	4.08E+01	8.88E+00	1.42E-03	1.67E-02	6.49E-04	5.41E-02	1.87E-06	1.76E-05	7.99E-05	8.17E-05
2019 Annual	Mon-Sun	2265006015	Air Compressors	G4	5 Light Commercial Equipment	R	P	NHH	P	Total	Total	Total	2.07E+01	2.16E+01	4.69E+00	7.48E-04	8.80E-03	3.43E-04	2.86E-02	9.87E-07	9.32E-06	4.22E-05	4.32E-05
2019 Annual	Mon-Sun	2265006015	Air Compressors	G4	15 Light Commercial Equipment	C	P	NHH	P	Total	Total	Total	1.33E+01	2.07E+01	7.81E+00	6.08E-04	2.21E-02	4.59E-04	3.83E-02	1.09E-06	3.21E-04	4.83E-05	3.51E-05
2019 Annual	Mon-Sun	2265006015	Air Compressors	G4	15 Light Commercial Equipment	R	P	NHH	P	Total	Total	Total	1.05E+01	1.09E+01	4.12E+00	3.14E-04	1.17E-02	2.02E-02	5.77E-07	1.70E-04	2.52E-05	1.81E-05	
2019 Annual	Mon-Sun	2265006015	Air Compressors	G4	25 Light Commercial Equipment	C	P	NHH	P	Total	Total	Total	1.80E+00	2.78E+00	2.63E+00	2.10E-04	7.8E-03	1.39E-04	1.25E-02	3.18E-07	1.05E-04	1.00E-05	1.21E-05
2019 Annual	Mon-Sun	2265006015	Air Compressors	G4	25 Light Commercial Equipment	R	P	NHH	P	Total	Total	Total	1.42E+00	1.47E+00	1.39E+00	1.09E-04	4.05E-03	7.21E-05	6.64E-03	1.68E-07	5.56E-05	2.52E-06	6.30E-06
2019 Annual	Mon-Sun	2265006015	Air Compressors	G4	50 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	3.07E+00	4.07E+00	9.00E+00	2.06E-04	1.10E-02	2.78E-04	6.88E-02	8.37E-07	5.27E-06	1.62E-05	1.19E-05
2019 Annual	Mon-Sun	2265006015	Air Compressors	G4	120 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	9.96E+00	1.32E+01	4.96E+01	7.30E-04	2.22E-02	1.82E-03	4.41E-01	4.26E-06	3.42E-05	7.10E-05	4.21E-05
2019 Annual	Mon-Sun	2265006015	Air Compressors	G4	175 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	6.70E-01	8.87E-01	6.07E+00	5.61E-05	1.97E-03	2.63E-04	5.53E-02	5.49E-07	4.40E-06	7.08E-06	3.24E-06
2019 Annual	Mon-Sun	2265006025	Welders	G4	15 Light Commercial Equipment	C	P	NHH	P	Total	Total	Total	5.16E+01	2.93E+01	1.59E+01	1.24E-03	4.52E-02	9.01E-04	7.79E-02	2.22E-06	6.53E-04	8.16E-05	7.14E-05
2019 Annual	Mon-Sun	2265006025	Welders	G4	25 Light Commercial Equipment	C	P	NHH	P	Total	Total	Total	1.86E+02	1.06E+02	9.12E+01	7.06E-03	2.66E-01	4.66E-03	4.35E-01	1.10E-05	3.65E-03	3.57E-04	4.08E-04
2019 Annual	Mon-Sun	2265006025	Welders	G4	50 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	1.60E+01	9.13E+00	2.20E+01	3.91E-04	1.88E-02	6.18E-04	1.81E-01	2.20E-06	1.39E-05	3.60E-05	2.26E-05
2019 Annual	Mon-Sun	2265006025	Welders	G4	120 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	1.64E+01	9.32E+00	3.11E+01	3.31E-04	9.15E-03	1.02E-03	2.84E-01	2.75E-06	2.20E-05	4.29E-05	1.91E-05
2019 Annual	Mon-Sun	2265006025	Welders	G4	175 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	1.13E+00	6.43E-01	3.86E+00	2.56E-05	1.15E-02	1.45E-04	3.54E-02	3.51E-07	2.82E-06	4.31E-06	1.48E-06
2019 Annual	Mon-Sun	2265006030	Pressure Washers	G4	5 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	5.53E+01	2.03E+01	6.79E+00	9.19E-04	1.34E-02	4.09E-02	1.41E-06	1.40E-04	3.45E-05	5.31E-05	
2019 Annual	Mon-Sun	2265006030	Pressure Wash																				

2019 Annual	Mon-Sun	2270002081	Other Construction Equipment D	25 Construction and Mining Equipment	U	NHH	P	Total	Total	0.7696908	1.456293	0.8758299	1.15999E-05	3.9592E-05	7.33024E-05	0.009615481	1.22002E-07	2.7353E-06	0	1.04664E-06	
2019 Annual	Mon-Sun	2270002081	Other Construction Equipment D	50 Construction and Mining Equipment	U	NHH	P	Total	Total	1.182025	2.265596	2.904849	4.10946E-05	0.00029232	0.03167805	0.006520962	8.27386E-08	4.4902E-07	1.0404E-05	0	3.7079E-06
2019 Annual	Mon-Sun	2270002081	Other Construction Equipment D	120 Construction and Mining Equipment	U	NHH	P	Total	Total	1.951716	3.740868	13.77986	0.000101812	0.00095214	0.000780522	0.1511051	1.77254E-06	4.3856E-05	0	9.18636E-06	
2019 Annual	Mon-Sun	2270002081	Other Construction Equipment D	175 Construction and Mining Equipment	U	NHH	P	Total	Total	2.693918	5.163451	25.0091	0.000145071	0.00151129	0.001009198	0.2747477	3.09138E-06	4.8703E-05	0	1.30895E-05	
2019 Annual	Mon-Sun	2270002081	Other Construction Equipment D	500 Construction and Mining Equipment	U	NHH	P	Total	Total	6.253736	11.98658	137.7251	0.000638542	0.00281717	0.004183535	1.522357	1.49424E-05	0.00014532	0	5.76146E-05	
2019 Annual	Mon-Sun	2270003010	Aerial Lifts	15 Industrial Equipment	U	NHH	P	Total	Total	0.6667385	0.7294771	0.2880415	3.67042E-06	1.9253E-05	2.29855E-05	0.003153135	4.90656E-08	8.9685E-07	0	3.31176E-07	
2019 Annual	Mon-Sun	2270003010	Aerial Lifts	25 Industrial Equipment	U	NHH	P	Total	Total	1.088585	1.191018	0.5942397	8.33254E-06	6.3519E-05	5.11299E-05	0.006520962	8.27386E-08	4.4902E-07	0	7.51832E-07	
2019 Annual	Mon-Sun	2270003010	Aerial Lifts	50 Industrial Equipment	U	NHH	P	Total	Total	3.976732	4.187365	3.760877	6.15234E-05	0.00030656	0.00030683	0.04102601	5.30364E-07	1.6938E-05	0	5.55115E-06	
2019 Annual	Mon-Sun	2270003010	Aerial Lifts	120 Industrial Equipment	U	NHH	P	Total	Total	3.524866	3.711566	6.437084	5.35628E-05	0.00042704	0.0004357	0.07058961	8.28052E-07	2.7077E-05	0	4.83289E-06	
2019 Annual	Mon-Sun	2270003010	Aerial Lifts	500 Industrial Equipment	U	NHH	P	Total	Total	0.4518654	0.4757991	4.575795	1.87635E-05	9.1279E-05	0.000186448	0.05059291	4.96586E-07	5.6981E-06	0	1.693E-06	
2019 Annual	Mon-Sun	2270003010	Aerial Lifts	750 Industrial Equipment	U	NHH	P	Total	Total	0.03633883	0.03826357	0.6651775	2.76642E-06	1.3269E-05	2.77756E-05	0.007354463	7.39471E-08	8.3835E-07	0	2.46909E-07	
2019 Annual	Mon-Sun	2270003020	Forklifts	50 Industrial Equipment	U	NHH	P	Total	Total	1.205501	5.950088	4.009874	6.1614E-05	0.00042129	0.000335151	0.0436105	5.63775E-07	1.3916E-05	0	5.59336E-06	
2019 Annual	Mon-Sun	2270003020	Forklifts	120 Industrial Equipment	U	NHH	P	Total	Total	1.891199	9.33454	13.29333	0.000113436	0.00098347	0.000731467	0.1456042	1.70801E-06	4.1378E-05	0	1.02351E-05	
2019 Annual	Mon-Sun	2270003020	Forklifts	175 Industrial Equipment	U	NHH	P	Total	Total	1.900679	9.381332	23.93958	0.000170343	0.001555	0.000951658	0.2626962	2.95578E-06	4.8884E-05	0	1.53698E-05	
2019 Annual	Mon-Sun	2270003020	Forklifts	250 Industrial Equipment	U	NHH	P	Total	Total	1.886459	9.311145	32.47672	0.000190764	0.00072337	0.001026035	0.3587236	4.03626E-06	3.4955E-05	0	1.72124E-05	
2019 Annual	Mon-Sun	2270003020	Forklifts	500 Industrial Equipment	U	NHH	P	Total	Total	0.8073539	3.984922	19.99755	0.000115965	0.00042344	0.000586104	0.220925	2.16845E-06	2.0766E-05	0	1.04633E-05	
2019 Annual	Mon-Sun	2270003030	Sweepers/Scrubbers	15 Industrial Equipment	U	NHH	P	Total	Total	0.08847714	0.1576986	0.08586804	9.75332E-07	5.7425E-06	6.85581E-06	0.000940473	1.46346E-08	2.6789E-07	0	8.80027E-08	
2019 Annual	Mon-Sun	2270003030	Sweepers/Scrubbers	25 Industrial Equipment	U	NHH	P	Total	Total	0.08847715	0.1576986	0.1407327	1.86394E-06	6.3619E-06	1.17786E-05	0.001545063	1.96039E-08	4.4002E-07	0	1.6818E-07	
2019 Annual	Mon-Sun	2270003030	Sweepers/Scrubbers	50 Industrial Equipment	U	NHH	P	Total	Total	1.723724	5.766482	8.35506	0.000136389	0.00084406	0.000703693	0.09088733	1.17495E-06	3.35E-05	0	1.23061E-05	
2019 Annual	Mon-Sun	2270003030	Sweepers/Scrubbers	120 Industrial Equipment	U	NHH	P	Total	Total	2.851808	9.54033	32.64668	0.000285259	0.000326754	0.001928913	0.3576323	4.19521E-06	0.00011824	0	2.57384E-05	
2019 Annual	Mon-Sun	2270003030	Sweepers/Scrubbers	175 Industrial Equipment	U	NHH	P	Total	Total	1.312937	4.39225	27.7863	0.000197329	0.00176233	0.001203399	0.3049759	3.4315E-06	6.3948E-05	0	1.78047E-05	
2019 Annual	Mon-Sun	2270003030	Sweepers/Scrubbers	250 Industrial Equipment	U	NHH	P	Total	Total	0.2101332	0.7029716	5.150465	2.95901E-05	0.00011249	0.000182025	0.05689606	6.40178E-07	6.1263E-06	0	2.66987E-06	
2019 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	15 Industrial Equipment	U	NHH	P	Total	Total	0.2322525	0.9075249	0.2647254	3.00688E-05	1.7704E-05	2.1136E-05	0.002899416	4.51175E-08	8.259E-07	0	2.71306E-07	
2019 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	25 Industrial Equipment	U	NHH	P	Total	Total	0.31125	1.216207	0.498414	1.12501E-05	3.8398E-05	7.10915E-05	0.009325468	1.18323E-07	2.6564E-06	0	1.02351E-05	
2019 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	50 Industrial Equipment	U	NHH	P	Total	Total	0.3855076	1.506368	1.511081	3.62504E-05	0.0001694	0.000135261	0.01636296	2.11532E-07	8.7464E-06	0	3.27082E-06	
2019 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	120 Industrial Equipment	U	NHH	P	Total	Total	1.54203	6.02547	17.07032	0.000198239	0.00072838	0.001248088	0.1867303	2.19044E-06	8.9627E-05	0	1.49868E-05	
2019 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	175 Industrial Equipment	U	NHH	P	Total	Total	1.54677	6.043991	26.4115	0.000232438	0.00170891	0.001503239	0.2896457	3.25901E-06	8.0708E-05	0	2.09725E-05	
2019 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	250 Industrial Equipment	U	NHH	P	Total	Total	1.54045	6.019298	36.92642	0.000249637	0.00084974	0.001811778	0.4076934	4.58725E-06	5.8189E-05	0	2.25243E-05	
2019 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	500 Industrial Equipment	U	NHH	P	Total	Total	1.53729	6.006951	72.11942	0.000471923	0.00157823	0.00314374	0.7964419	7.81734E-06	0.0001089	0	4.25808E-05	
2019 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	750 Industrial Equipment	U	NHH	P	Total	Total	0.3893276	1.500194	29.68641	0.000194964	0.00064964	0.001326989	0.3278352	3.29629E-06	4.5392E-05	0	1.57913E-05	
2019 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	1000 Industrial Equipment	U	NHH	P	Total	Total	0.2338324	0.9127849	23.118	0.000166055	0.00055022	0.001869976	0.2551693	2.56566E-06	4.8373E-05	0	1.49829E-05	
2019 Annual	Mon-Sun	2270003050	Other Material Handling Equip D	50 Industrial Equipment	U	NHH	P	Total	Total	0.01105964	0.03997053	0.05591983	1.32916E-06	6.1977E-06	4.98953E-06	0.0006057	7.83019E-09	3.2292E-07	0	1.19928E-07	
2019 Annual	Mon-Sun	2270003050	Other Material Handling Equip D	120 Industrial Equipment	U	NHH	P	Total	Total	0.06635784	0.2398231	0.664389	7.63714E-06	4.9504E-05	4.84981E-05	0.007268397	8.5262E-08	3.4835E-06	0	6.89087E-07	
2019 Annual	Mon-Sun	2270003050	Other Material Handling Equip D	175 Industrial Equipment	U	NHH	P	Total	Total	0.07109771	0.2569533	1.428764	1.24301E-05	9.1966E-05	8.12069E-05	0.01567011	1.76316E-07	4.3618E-06	0	1.21155E-06	
2019 Annual	Mon-Sun	2270003050	Other Material Handling Equip D	250 Industrial Equipment	U	NHH	P	Total	Total	0.1690546	0.6109778	4.008649	2.67653E-05	9.1781E-05	0.000196518	0.04426041	4.98006E-07	6.3111E-06	0	2.14999E-06	
2019 Annual	Mon-Sun	2270003050	Other Material Handling Equip D	500 Industrial Equipment	U	NHH	P	Total	Total	0.03159898	0.1142015	0.989884	6.39473E-06	2.1576E-05	4.31086E-05	0.01093214	1.07303E-07	1.4933E-06	0	5.76986E-07	
2019 Annual	Mon-Sun	2270003050	Other Material Handling Equip D	9999 Industrial Equipment	U	NHH	P	Total	Total	0.0094797	0.03426044	1.149697	8.7652E-06	7.2758E-05	9.28254E-05	0.01268804	1.24537E-07	2.3965E-06	0	7.9087E-07	
2019 Annual	Mon-Sun	2270006005	Generator Sets	15 Light Commercial Equipment	U	NHH	P	Total	Total	37.77786	34.94	16.28053	0.000208593	0.00111834	0.001454241	0.1781677	2.77245E-06	7.0996E-05	0	1.8821E-05	
2019 Annual	Mon-Sun	2270006005	Generator Sets	25 Light Commercial Equipment	U	NHH	P	Total	Total	27.63147	25.55579	20.51909	0.00029066	0.00099372	0.001825367	0.2250901	2.85597E-06	8.5538E-05	0	2.62258E-05	
2019 Annual	Mon-Sun	2270006005	Generator Sets	50 Light Commercial Equipment	U	NHH	P	Total	Total	33.74454	31.20967	43.73279	0.000672149	0.0034427	0.003538969	0.4774376	6.17208E-06	0.00018925	0	6.06489E-05	
2019 Annual	Mon-Sun	2270006005	Generator Sets	120 Light Commercial Equipment	U	NHH	P	Total	Total	51.27419	47.42249	168.3554	0.001345494	0.01104971	0.01127253	1.846618	2.16618E-05	0.00068189	0	0.000121402	
2019 Annual	Mon-Sun	2270006005	Generator Sets	175 Light Commercial Equipment	U	NHH	P	Total	Total	3.303548	2.8002981	18.0853	0.000103041	0.00102513	0.000941605	0.1987978	2.23682E-06	4.178E-05	0	9.2972E-06	
2019 Annual	Mon-Sun	2270006005	Generator Sets	250 Light Commercial Equipment	U	NHH	P	Total	Total	1.693541	1.566323	15.0394	6.23205E-05	0.00030387	0.000674761	0.1662763	1.87089E-06	1.8999E-05	0	5.62308E-06	
2019 Annual	Mon-Sun	2270006005	Generator Sets	500 Light Commercial Equipment	U	NHH	P	Total	Total	3.765902	3.483008	53.00408	0.000206887	0.00104879	0.002140348	0.5861038	5.7528E-06	6.4363E-05	0	1.8667E-05	
2019 Annual	Mon-Sun	2270006005	Generator Sets	750 Light Commercial Equipment	U	NHH	P	Total	Total	2.339761	2.163999	53.16345	0.000210846	0.00105192	0.002198961	0.5878521	5.91069E-06	6.5314E-05	0	1.90243E-05	
2019 Annual	Mon-Sun	2270006005	Generator Sets	9999 Light Commercial Equipment	U	NHH	P	Total	Total	0.6090806	0.5633268	26.70531	0.000136752	0.0005762	0.001998205	0.2950885	2.96703E-06	4.5599E-05	0	2.23389E-05	
2019 Annual	Mon-Sun	2270006010	Pumps	15 Light Commercial Equipment	U	NHH	P	Total	Total	28.37424	31.28947	10.61	0.000153651	0.00072836	0.000953656	0.1160384	1.80566E-06	4.9882E-05	0	1.38637E-05	
2019 Annual	Mon-Sun	2270006010	Pumps	25 Light Commercial Equipment	U	NHH	P	Total	Total	8.475134	9.345887	8.297359	0.000126875	0.00040166	0.000737814	0.09098154	1.15438E-06	3.5837E-05	0	1.14477E-05	
2019 Annual	Mon-Sun	2270006010	Pumps	50 Light Commercial Equipment	U	NHH	P	Total	Total	14.77392	16.29182	25.62419	0.000428968	0.00211821	0.002098014	0.2794376	3.61243E-06	0.00011708	0	3.87051E-05	
2019 Annual	Mon-Sun	2270006010	Pumps	120 Light Commercial Equipment	U	NHH	P	Total	Total	28.96847	31.94474	113.4432	0.000957528	0.00755867	0.007706878	1.243919	1.45918E-05	0.00048367	0	6.63962E-05	
2019 Annual	Mon-Sun	2270006010	Pumps	175 Light Commercial Equipment	U	NHH	P	Total	Total	3.134537	3.456586	22.0173	0.000133406	0.00126653	0.001164416	0.2419567	2.72243E-06	5.3539E-05	0	1.2037E-05	
2019 Annual	Mon-Sun	2270006010	Pumps	250 Light Commercial Equipment	U	NHH	P	Total	Total	2.258055	2.490052	22.65942	0.000100441	0.00046504	0.001033678	0.2504849	2.81839E-06	2.9856E-05	0	9.0626E-	

EMFAC Fuel Usage: Year 2020

Vehicle type	Gasoline			Diesel			Natural Gas			Electricity
	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day
All other buses	0	0	#DIV/0!	10,484	1,031	10.16	0	0	#DIV/0!	0
LDA	22,523,655	753,717	29.88	165,392	3,372	49.05	0	0	#DIV/0!	214,651
LDT1	1,945,046	76,806	25.32	677	28	24.08	0	0	#DIV/0!	4,866
LDT2	6,362,392	273,133	23.29	32,500	904	35.96	0	0	#DIV/0!	27,024
LHD1	506,105	48,672	10.40	425,069	20,699	20.54	0	0	#DIV/0!	0
LHD2	89,181	9,851	9.05	158,472	8,500	18.64	0	0	#DIV/0!	0
MCY	155,844	4,167	37.40	0	0	#DIV/0!	0	0	#DIV/0!	0
MDV	5,278,582	277,662	19.01	99,355	3,698	26.87	0	0	#DIV/0!	9,360
MH	33,108	6,604	5.01	11,888	1,145	10.38	0	0	#DIV/0!	0
Motor coach	0	0	#DIV/0!	6,320	992	6.37	0	0	#DIV/0!	0
OBUS	19,370	3,872	5.00	0	0	#DIV/0!	0	0	#DIV/0!	0
PTO	0	0	#DIV/0!	32,275	6,707	4.81	0	0	#DIV/0!	0
SBUS	9,823	1,103	8.91	23,607	3,138	7.52	0	0	#DIV/0!	0
T6	76,934	15,301	5.03	925,740	89,166	10.38	0	0	#DIV/0!	0
T7	445	112	3.97	1,677,434	261,353	6.42	45,048	21,259	2.12	0
UBUS	12,904	1,423	9.07	238	32	7.53	27,635	7,195	3.84	1
Total	37,013,388	1,472,422	25.14	3,569,453	400,765	8.91	72,683	28,453	2.55	255,903



14082245955

EMFAC2017 (v1.0.2) Emissions Inventory

Region Type: County

Region: San Bernardino (SC)

Calendar Year: 2020

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	CalYr	VehClass	MdYr	Speed	Fuel	Population	VMT	Trips	Fuel_Consumption
San Bernardino (SC)	2020	All Other Buses	Aggregated	Aggregated	DSL	180.6349487	10483.88	1517.33	1.0313992
San Bernardino (SC)	2020	LDA	Aggregated	Aggregated	GAS	519894.08	22523655	2449264	753.7167654
San Bernardino (SC)	2020	LDA	Aggregated	Aggregated	DSL	3539.977809	165392.5	16985.1	3.371926517
San Bernardino (SC)	2020	LDA	Aggregated	Aggregated	ELEC	5415.662843	214651	27353.8	0
San Bernardino (SC)	2020	LDT1	Aggregated	Aggregated	GAS	53759.59838	1945046	242200	76.80605323
San Bernardino (SC)	2020	LDT1	Aggregated	Aggregated	DSL	35.74326073	676.9043	118.57	0.028104842
San Bernardino (SC)	2020	LDT1	Aggregated	Aggregated	ELEC	121.445602	4866.401	614.761	0
San Bernardino (SC)	2020	LDT2	Aggregated	Aggregated	GAS	165801.6189	6362392	771013	273.1329307
San Bernardino (SC)	2020	LDT2	Aggregated	Aggregated	DSL	714.4165912	32500.11	3555.13	0.903743917
San Bernardino (SC)	2020	LDT2	Aggregated	Aggregated	ELEC	800.398561	27024.13	4076.06	0
San Bernardino (SC)	2020	LHD1	Aggregated	Aggregated	GAS	14862.85552	506104.7	221434	48.67234598
San Bernardino (SC)	2020	LHD1	Aggregated	Aggregated	DSL	11445.80607	425069.2	143974	20.69912086
San Bernardino (SC)	2020	LHD2	Aggregated	Aggregated	GAS	2628.487956	89180.77	39160.6	9.850571728
San Bernardino (SC)	2020	LHD2	Aggregated	Aggregated	DSL	4252.810932	158471.7	53495	8.500409287
San Bernardino (SC)	2020	MCY	Aggregated	Aggregated	GAS	23245.29429	155844	46490.6	4.166534564
San Bernardino (SC)	2020	MDV	Aggregated	Aggregated	GAS	142332.2062	5278582	649983	277.6623057
San Bernardino (SC)	2020	MDV	Aggregated	Aggregated	DSL	2169.018754	99355.45	10644.9	3.698136284
San Bernardino (SC)	2020	MDV	Aggregated	Aggregated	ELEC	271.0160969	9360.282	1389.41	0
San Bernardino (SC)	2020	MH	Aggregated	Aggregated	GAS	3892.004343	33107.68	389.356	6.604263349
San Bernardino (SC)	2020	MH	Aggregated	Aggregated	DSL	1306.494228	11888.31	130.649	1.145099185
San Bernardino (SC)	2020	Motor Coach	Aggregated	Aggregated	DSL	49.49337727	6319.943	722.603	0.992005611
San Bernardino (SC)	2020	OBUS	Aggregated	Aggregated	GAS	413.9010932	19370.35	8281.33	3.871638601
San Bernardino (SC)	2020	PTO	Aggregated	Aggregated	DSL	0	32275.42	0	6.707117038
San Bernardino (SC)	2020	SBUS	Aggregated	Aggregated	GAS	220.0348213	9822.588	880.139	1.102972009
San Bernardino (SC)	2020	SBUS	Aggregated	Aggregated	DSL	744.5811269	23607.12	8592.36	3.138202846
San Bernardino (SC)	2020	T6 Ag	Aggregated	Aggregated	DSL	2.05	15.85487	9.02	0.001923351
San Bernardino (SC)	2020	T6 CAIRP heavy	Aggregated	Aggregated	DSL	54.09526043	10752.89	789.791	0.949404817
San Bernardino (SC)	2020	T6 CAIRP small	Aggregated	Aggregated	DSL	29.41086716	1563.056	429.399	0.146171585
San Bernardino (SC)	2020	T6 instate constr	Aggregated	Aggregated	DSL	601.7717043	40913.35	2720.59	4.113666838
San Bernardino (SC)	2020	T6 instate constr	Aggregated	Aggregated	DSL	1725.705972	88097	7801.85	8.724436328
San Bernardino (SC)	2020	T6 instate heavy	Aggregated	Aggregated	DSL	2580.502194	347858.8	29778.6	32.47277881
San Bernardino (SC)	2020	T6 instate small	Aggregated	Aggregated	DSL	8119.558906	415663.4	93698.6	40.43782419
San Bernardino (SC)	2020	T6 OOS heavy	Aggregated	Aggregated	DSL	31.08615902	6209.757	453.858	0.547548676
San Bernardino (SC)	2020	T6 OOS small	Aggregated	Aggregated	DSL	16.44697971	861.8207	240.126	0.080940387
San Bernardino (SC)	2020	T6 Public	Aggregated	Aggregated	DSL	688.8222086	10348.45	2089.43	1.326490844
San Bernardino (SC)	2020	T6 utility	Aggregated	Aggregated	DSL	207.050172	3456.021	2381.08	0.364794434
San Bernardino (SC)	2020	T6TS	Aggregated	Aggregated	GAS	1411.534546	76934.01	28242	15.30083666
San Bernardino (SC)	2020	T7 CAIRP	Aggregated	Aggregated	DSL	1421.96928	257419.7	20760.8	37.61054327
San Bernardino (SC)	2020	T7 CAIRP construc	Aggregated	Aggregated	DSL	159.7826998	29388.41	722.371	4.065648981
San Bernardino (SC)	2020	T7 NNOOS	Aggregated	Aggregated	DSL	1554.793808	313821.4	22700	44.42574254
San Bernardino (SC)	2020	T7 NOOS	Aggregated	Aggregated	DSL	558.9414732	101138.3	8160.55	15.13308929
San Bernardino (SC)	2020	T7 POLA	Aggregated	Aggregated	DSL	1952.368104	238955.2	14838	43.28424344
San Bernardino (SC)	2020	T7 Public	Aggregated	Aggregated	DSL	932.0629797	18893.73	2827.26	3.361673048
San Bernardino (SC)	2020	T7 Single	Aggregated	Aggregated	DSL	2270.209876	162545.5	26197.9	25.04017582
San Bernardino (SC)	2020	T7 single construc	Aggregated	Aggregated	DSL	1033.729807	72907.25	4673.45	11.17091801
San Bernardino (SC)	2020	T7 SWCV	Aggregated	Aggregated	DSL	514.8066742	21034.17	2007.75	10.29087264
San Bernardino (SC)	2020	T7 SWCV	Aggregated	Aggregated	NG	1104.404793	45047.67	4307.18	21.25871819
San Bernardino (SC)	2020	T7 tractor	Aggregated	Aggregated	DSL	2900.111059	399165.9	36831.4	57.39853308
San Bernardino (SC)	2020	T7 tractor construc	Aggregated	Aggregated	DSL	855.8052816	60142.06	3869.06	9.242563416
San Bernardino (SC)	2020	T7 utility	Aggregated	Aggregated	DSL	99.66236199	2022.604	1146.12	0.328560137
San Bernardino (SC)	2020	T7IS	Aggregated	Aggregated	GAS	6.951202518	445.1659	139.08	0.112006687
San Bernardino (SC)	2020	UBUS	Aggregated	Aggregated	GAS	113.4657979	12904.26	453.863	1.422808433

San Bernardino (SC	2020 UBUS	Aggregated	Aggregated	DSL	2.896720367	238.2837	11.5869	0.031651945
San Bernardino (SC	2020 UBUS	Aggregated	Aggregated	ELEC	0.058469431	1.251703	0.23388	0
San Bernardino (SC	2020 UBUS	Aggregated	Aggregated	NG	206.7559577	27635.21	827.024	7.194530118

OFFROAD2007 Fuel Usage: Year 2020

All data here is daily

	Gasoline			Diesel		
	Total population	Total fuel use	Fuel use per day per unit	Total population	Total fuel use	Fuel use per day per unit
Air Compressors	88	94	1.073	63	407	6.450
Bore/Drill Rigs	4	4	1.022	23	1,064	45.357
Cement and Mortar Mixers	316	31	0.097	8	2	0.272
Concrete/Industrial Saws	46	35	0.762	1	6	4.243
Cranes	1	3	3.319	43	2,395	55.279
Excavators	0	0	#DIV/0!	248	5,301	21.405
Forklifts	22	221	10.064	8	94	12.183
Generator Sets	2,044	538	0.263	162	415	2.562
Graders	0	0	#DIV/0!	86	1,355	15.720
Pavers	0	0	#DIV/0!	38	306	8.110
Paving Equipment	227	56	0.246	8	56	7.197
Rollers	26	22	0.849	111	652	5.859
Rubber Tired Dozers	0	0	#DIV/0!	15	909	61.254
Scrapers	0	0	#DIV/0!	30	1,350	44.404
Skid Steer Loaders	53	66	1.242	397	1,275	3.214
Tractors/Loaders/Backhoes	1	6	6.964	411	4,566	11.121
Welders	272	164	0.604	86	177	2.059

CY	Season	AvgDays	Code	Equipment	Fuel	MaxHP	Class	C/R	Pre	Hand	Port	County	Air Basin	Air Dist.	Population	Activity	Consumption	ROG Exhaust	CO Exhaust	NOX Exhaust	CO2 Exhaust	SO2 Exhaust	PM Exhaust	N2O Exhaust	CH4 Exhaust
2020	Annual	Mon-Sun	2260002006	Tampers/Rammers	G2	15	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	3.48E+01	1.74E+01	3.50E+00	2.20E-04	9.46E-03	1.72E-04	1.81E-02	7.44E-07	1.52E-04	2.70E-05	1.37E-05
2020	Annual	Mon-Sun	2260002009	Plate Compactors	G2	15	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	2.98E+00	1.69E+00	3.40E-01	2.14E-05	9.18E-04	1.67E-05	1.75E-03	7.23E-08	1.47E-05	2.62E-06	1.33E-06
2020	Annual	Mon-Sun	2260003040	Other General Industrial Equip	G2	15	Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.41E-01	1.45E-01	5.70E-02	2.57E-06	1.55E-04	1.96E-06	2.97E-04	1.22E-08	1.38E-07	2.66E-07	1.60E-07
2020	Annual	Mon-Sun	2260006005	Generator Sets	G2	2	Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	1.57E+01	5.77E+00	3.04E-01	4.37E-05	5.80E-04	1.16E-05	1.86E-03	7.65E-08	6.46E-06	3.79E-06	2.72E-06
2020	Annual	Mon-Sun	2260006005	Generator Sets	G2	2	Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	1.23E+01	3.05E+00	1.67E-01	2.73E-05	3.32E-04	6.38E-06	9.82E-04	4.04E-08	3.45E-06	2.04E-06	1.69E-06
2020	Annual	Mon-Sun	2260006005	Generator Sets	G2	15	Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	1.58E+01	5.82E-02	3.24E-02	1.47E-06	8.83E-05	1.12E-06	1.69E-04	6.95E-09	7.70E-08	1.28E-07	9.11E-08
2020	Annual	Mon-Sun	2260006005	Generator Sets	G2	15	Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	1.21E-01	2.98E-02	1.69E-02	1.00E-06	4.62E-05	5.97E-07	8.64E-05	3.56E-09	4.52E-08	6.71E-08	6.22E-08
2020	Annual	Mon-Sun	2260006010	Pumps	G2	2	Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	6.24E+01	4.41E+01	2.28E+00	3.07E-04	4.09E-03	8.47E-05	1.44E-02	5.93E-07	5.05E-05	2.85E-05	1.91E-05
2020	Annual	Mon-Sun	2260006010	Pumps	G2	2	Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	4.90E+01	2.33E+01	1.23E+00	1.70E-04	2.29E-03	4.69E-05	7.60E-03	3.13E-07	2.65E-05	1.54E-05	1.06E-05
2020	Annual	Mon-Sun	2260006010	Pumps	G2	15	Light Commercial Equipment	C	P	NHH	P	Total	Total	Total	1.68E+01	1.19E+01	6.01E+00	3.86E-04	1.62E-02	3.03E-04	3.10E-02	1.28E-06	2.60E-04	3.05E-05	2.40E-05
2020	Annual	Mon-Sun	2260006010	Pumps	G2	15	Light Commercial Equipment	R	P	NHH	P	Total	Total	Total	1.32E+01	6.28E+00	3.18E+00	2.04E-04	8.59E-03	1.59E-04	1.64E-02	6.76E-07	1.38E-04	1.61E-05	1.27E-05
2020	Annual	Mon-Sun	2260006010	Pumps	G2	25	Light Commercial Equipment	C	P	NHH	P	Total	Total	Total	2.04E-01	1.44E-01	1.59E-01	1.05E-05	4.43E-04	7.18E-06	7.99E-04	3.29E-08	6.69E-06	5.29E-07	6.51E-07
2020	Annual	Mon-Sun	2260006010	Pumps	G2	25	Light Commercial Equipment	R	P	NHH	P	Total	Total	Total	1.58E-01	7.52E-02	8.32E-02	5.44E-06	2.32E-04	3.73E-06	4.18E-04	1.72E-08	3.50E-06	2.76E-07	3.38E-07
2020	Annual	Mon-Sun	2265002003	Asphalt Pavers	G4	15	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	7.58E-01	8.24E-01	4.71E-01	3.53E-05	1.33E-03	2.67E-05	2.32E-03	6.60E-08	1.94E-05	2.36E-06	2.04E-06
2020	Annual	Mon-Sun	2265002003	Asphalt Pavers	G4	25	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.30E+00	1.41E+00	2.03E+00	1.56E-04	5.91E-03	1.03E-04	9.68E-03	2.45E-07	8.11E-05	6.22E-06	9.00E-06
2020	Annual	Mon-Sun	2265002003	Asphalt Pavers	G4	50	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	7.12E-01	7.65E-01	1.76E+00	3.21E-05	1.87E-03	4.35E-05	1.40E-02	1.70E-07	1.07E-06	2.78E-06	1.86E-06
2020	Annual	Mon-Sun	2265002003	Asphalt Pavers	G4	120	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	3.91E-01	4.20E-01	1.60E+00	1.71E-05	5.83E-04	4.35E-05	1.44E-02	1.40E-07	1.12E-06	1.94E-06	9.87E-07
2020	Annual	Mon-Sun	2265002006	Tampers/Rammers	G4	15	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.60E+00	8.01E-01	3.81E-01	2.83E-05	1.08E-03	2.14E-05	1.88E-03	5.35E-08	1.57E-05	2.07E-06	1.63E-06
2020	Annual	Mon-Sun	2265002009	Plate Compactors	G4	5	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	5.89E+01	2.91E+01	5.22E+00	7.29E-04	1.10E-02	3.34E-04	3.03E-02	1.05E-06	9.87E-06	4.79E-05	4.21E-05
2020	Annual	Mon-Sun	2265002009	Plate Compactors	G4	15	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	6.25E+01	3.53E+01	1.49E+01	1.11E-03	4.23E-02	8.38E-04	7.35E-02	2.10E-06	6.16E-04	8.55E-05	6.41E-05
2020	Annual	Mon-Sun	2265002015	Rollers	G4	5	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	6.56E+00	1.49E+00	3.99E-01	4.74E-05	9.40E-04	2.18E-05	2.19E-03	7.57E-08	7.14E-07	2.79E-06	2.74E-06
2020	Annual	Mon-Sun	2265002015	Rollers	G4	15	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.06E+01	9.03E+00	4.84E+00	3.60E-04	1.37E-02	2.72E-04	2.38E-02	6.80E-07	2.00E-04	2.48E-05	2.08E-05
2020	Annual	Mon-Sun	2265002015	Rollers	G4	25	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	7.17E+00	6.09E+00	7.11E+00	5.41E-04	2.07E-02	3.58E-04	3.40E-02	8.61E-07	2.85E-04	2.40E-05	3.13E-05
2020	Annual	Mon-Sun	2265002015	Rollers	G4	50	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	5.01E-01	8.54E-01	2.30E+00	5.48E-05	3.21E-03	7.22E-05	1.69E-02	2.06E-07	1.30E-06	3.80E-06	3.16E-06
2020	Annual	Mon-Sun	2265002015	Rollers	G4	120	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	9.43E-01	1.61E+00	7.26E+00	1.12E-04	3.76E-03	2.63E-04	6.37E-02	6.16E-07	4.94E-06	6.96E-06	6.46E-06
2020	Annual	Mon-Sun	2265002021	Paving Equipment	G4	5	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	8.24E+01	3.84E+01	7.43E+00	1.03E-03	1.58E-02	4.70E-04	4.29E-02	1.48E-06	1.40E-05	6.54E-05	5.93E-05
2020	Annual	Mon-Sun	2265002021	Paving Equipment	G4	15	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.39E+02	7.65E+01	4.34E+01	3.21E-03	1.23E-01	2.43E-03	2.14E-01	6.09E-06	1.79E-03	2.16E-04	1.86E-04
2020	Annual	Mon-Sun	2265002021	Paving Equipment	G4	25	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	3.10E+00	1.70E+00	2.19E+00	1.66E-04	6.37E-03	1.10E-04	1.04E-02	2.65E-07	8.76E-05	7.02E-06	9.59E-06
2020	Annual	Mon-Sun	2265002021	Paving Equipment	G4	50	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.95E+00	9.34E-01	2.08E+00	2.40E-05	1.51E-03	3.67E-05	1.76E-02	2.14E-07	1.35E-06	2.89E-06	1.39E-06
2020	Annual	Mon-Sun	2265002021	Paving Equipment	G4	120	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	5.01E-01	2.41E-01	8.61E-01	4.62E-06	1.83E-04	1.22E-05	8.00E-03	7.73E-08	6.20E-07	8.06E-07	2.67E-07
2020	Annual	Mon-Sun	2265002024	Surfacing Equipment	G4	5	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.51E+01	8.30E+00	1.65E+00	2.35E-04	3.41E-03	1.08E-04	9.63E-03	3.32E-07	3.14E-06	1.46E-05	1.36E-05
2020	Annual	Mon-Sun	2265002024	Surfacing Equipment	G4	15	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	4.50E+01	6.20E+01	2.34E+01	1.82E-03	6.63E-02	1.38E-03	1.15E-01	3.28E-06	9.65E-04	1.45E-04	1.05E-04
2020	Annual	Mon-Sun	2265002024	Surfacing Equipment	G4	25	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	6.15E-01	8.49E-01	7.85E-01	6.26E-05	2.29E-03	4.14E-05	3.74E-03	9.48E-08	3.14E-05	3.02E-06	3.61E-06
2020	Annual	Mon-Sun	2265002027	Signal Boards	G4	5	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.87E-01	6.66E-02	2.14E-02	7.12E-06	4.84E-05	1.24E-06	1.20E-04	4.14E-09	3.91E-08	1.42E-07	1.57E-07
2020	Annual	Mon-Sun	2265002027	Signal Boards	G4	15	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.33E+00	1.04E+00	6.06E-01	4.47E-05	1.71E-03	3.38E-05	2.98E-03	8.50E-08	2.50E-05	2.97E-06	2.58E-06
2020	Annual	Mon-Sun	2265002030	Trenchers	G4	15	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.23E+01	1.46E+01	9.31E+00	7.07E-04	2.63E-02	5.34E-04	4.57E-02	1.30E-06	3.83E-04	4.46E-05	4.08E-05
2020	Annual	Mon-Sun	2265002030	Trenchers	G4	25	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	9.53E+00	1.13E+01	1.56E+01	1.22E-03	4.55E-02	8.04E-04	7.44E-02	1.89E-06	6.24E-04	4.93E-05	7.02E-05
2020	Annual	Mon-Sun	2265002030	Trenchers	G4	50	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	4.56E+00	5.03E+00	1.10E+01	2.24E-04	1.24E-02	3.21E-04	8.60E-02	1.05E-06	6.59E-06	1.93E-05	1.30E-05
2020	Annual	Mon-Sun	2265002030	Trenchers	G4	120	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.51E+00	1.67E+00	6.92E+00	8.66E-05	2.76E-03	2.29E-04	6.21E-02	6.00E-07	4.81E-06	8.92E-06	5.00E-06
2020	Annual	Mon-Sun	2265002033	Bore/Drill Rigs	G4	15	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	3.52E-01	1.20E-01	9.08E-02	6.51E-06	2.57E-04	4.92E-06	4.47E-04	1.28E-08	3.75E-06	3.88E-07	3.77E-07
2020	Annual	Mon-Sun	2265002033	Bore/Drill Rigs	G4	25	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	1.75E+00	5.94E-01	8.36E-01	6.15E-05	2.44E-03	4.07E-05	4.00E-03	1.01E-07	3.35E-05	2.53E-06	3.56E-06
2020	Annual	Mon-Sun	2265002033	Bore/Drill Rigs	G4	50	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	2.21E-01	6.47E-02	1.67E-01	2.49E-06	1.18E-04	4.26E-06	1.41E-03	1.72E-08	1.08E-07	1.44E-07	1.44E-07
2020	Annual	Mon-Sun	2265002033	Bore/Drill Rigs																					

2020 Annual	Mon-Sun	2265003030	Sweepers/Scrubbers	G4	25 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	7.71E-01	5.71E-01	7.15E-01	3.56E-05	2.11E-03	2.75E-05	3.45E-03	8.76E-08	1.81E-06	2.02E-06	2.06E-06
2020 Annual	Mon-Sun	2265003030	Sweepers/Scrubbers	G4	50 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.32E+00	1.87E+00	4.88E+00	5.53E-05	4.33E-03	1.12E-04	4.01E-02	4.88E-07	3.07E-06	7.41E-06	3.19E-06
2020 Annual	Mon-Sun	2265003030	Sweepers/Scrubbers	G4	120 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.10E+00	1.56E+00	6.98E+00	3.23E-05	1.85E-03	1.91E-04	6.43E-02	6.22E-07	4.98E-06	9.07E-06	1.86E-06
2020 Annual	Mon-Sun	2265003030	Sweepers/Scrubbers	G4	175 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	6.41E-03	9.08E-03	8.17E-02	2.50E-07	2.46E-05	7.49E-04	6.43E-02	7.44E-09	5.97E-08	1.71E-08	1.44E-08
2020 Annual	Mon-Sun	2265003040	Other General Industrial Equip	G4	15 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.57E+00	1.61E+00	6.64E-01	3.52E-05	1.90E-03	2.57E-05	3.29E-03	9.39E-08	1.75E-06	3.16E-06	2.04E-06
2020 Annual	Mon-Sun	2265003040	Other General Industrial Equip	G4	25 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	5.13E-01	6.05E-01	5.77E-01	3.00E-05	1.70E-03	2.34E-05	2.78E-03	7.06E-08	1.53E-06	1.90E-06	1.73E-06
2020 Annual	Mon-Sun	2265003040	Other General Industrial Equip	G4	50 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	4.54E-01	8.87E-01	1.58E+00	2.00E-05	1.74E-03	4.15E-05	1.24E-02	1.51E-07	9.51E-07	3.06E-06	1.15E-06
2020 Annual	Mon-Sun	2265003040	Other General Industrial Equip	G4	120 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.49E-01	2.92E-01	1.17E+00	6.17E-06	4.08E-04	3.42E-05	1.06E-02	1.03E-07	8.23E-07	1.65E-06	3.56E-07
2020 Annual	Mon-Sun	2265003040	Other General Industrial Equip	G4	175 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.44E-02	2.82E-02	2.41E-01	8.67E-07	7.56E-05	6.88E-06	2.20E-03	2.19E-08	1.75E-07	2.37E-07	4.99E-08
2020 Annual	Mon-Sun	2265003050	Other Material Handling Equip	G4	50 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	6.41E-03	6.79E-03	1.64E-02	3.02E-07	1.87E-05	5.47E-07	1.27E-04	1.55E-09	9.76E-09	3.05E-08	1.75E-08
2020 Annual	Mon-Sun	2265003050	Other Material Handling Equip	G4	120 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	2.84E-01	3.00E-01	8.16E-01	8.74E-06	3.21E-04	3.37E-05	7.34E-03	7.09E-08	5.69E-07	1.58E-06	5.05E-07
2020 Annual	Mon-Sun	2265006005	Generator Sets	G4	5 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	2.06E+02	7.58E+01	1.65E+01	2.40E-03	3.34E-02	6.30E-04	9.76E-02	3.37E-06	3.38E-04	1.04E-04	1.39E-04
2020 Annual	Mon-Sun	2265006005	Generator Sets	G4	5 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	1.62E+02	4.00E+01	8.97E+00	1.34E-03	1.91E-02	3.49E-04	5.16E-02	1.78E-06	1.75E-04	5.62E-05	7.72E-05
2020 Annual	Mon-Sun	2265006005	Generator Sets	G4	15 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	5.66E+02	2.08E+02	1.22E+02	6.54E-03	3.47E-01	4.78E-03	6.03E-01	1.72E-05	3.18E-04	4.95E-04	3.78E-04
2020 Annual	Mon-Sun	2265006005	Generator Sets	G4	15 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	4.45E+02	1.10E+02	6.52E+01	4.10E-03	1.88E-01	2.61E-03	3.19E-01	9.09E-06	1.67E-04	2.65E-04	2.37E-04
2020 Annual	Mon-Sun	2265006005	Generator Sets	G4	25 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	3.04E+02	1.12E+02	1.42E+02	7.30E-03	4.17E-01	5.57E-03	6.84E-01	1.73E-05	3.60E-04	4.02E-04	4.22E-04
2020 Annual	Mon-Sun	2265006005	Generator Sets	G4	25 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	2.39E+02	5.91E+01	7.57E+01	4.51E-03	2.24E-01	2.95E-03	3.61E-01	1.96E-06	1.89E-04	2.12E-04	2.61E-04
2020 Annual	Mon-Sun	2265006005	Generator Sets	G4	50 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.01E+02	3.18E+01	7.08E+01	9.85E-04	5.13E-02	1.91E-03	5.98E-01	7.28E-06	4.58E-05	1.21E-04	5.70E-05
2020 Annual	Mon-Sun	2265006005	Generator Sets	G4	120 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.95E+01	6.15E+00	3.20E+01	2.40E-04	7.46E-03	1.19E-03	2.96E-01	2.86E-06	2.30E-05	4.31E-05	1.39E-05
2020 Annual	Mon-Sun	2265006005	Generator Sets	G4	175 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.85E+00	5.81E+01	5.22E+00	2.36E-05	1.51E-03	2.11E-04	4.79E-02	4.76E-07	3.82E-06	5.67E-06	1.36E-06
2020 Annual	Mon-Sun	2265006010	Pumps	G4	5 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	7.31E+01	5.16E+01	8.33E+00	1.31E-03	1.58E-02	6.03E-04	5.06E-02	1.75E-06	1.65E-05	8.58E-05	7.60E-05
2020 Annual	Mon-Sun	2265006010	Pumps	G4	5 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	5.74E+01	2.73E+01	4.50E+00	7.24E-04	8.90E-03	3.13E-04	2.67E-02	9.23E-07	1.53E-05	4.49E-05	4.19E-05
2020 Annual	Mon-Sun	2265006010	Pumps	G4	15 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	7.92E+01	5.60E+01	2.97E+01	2.25E-03	8.41E-02	1.70E-03	1.46E-01	4.17E-06	1.23E-03	1.55E-04	1.30E-04
2020 Annual	Mon-Sun	2265006010	Pumps	G4	15 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	6.22E+01	2.96E+01	1.57E+01	1.18E-03	4.45E-02	8.90E-04	7.72E-02	2.20E-06	6.47E-04	8.13E-05	6.84E-05
2020 Annual	Mon-Sun	2265006010	Pumps	G4	25 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	2.03E+01	1.43E+01	1.67E+01	1.28E-03	4.86E-02	8.48E-04	7.96E-02	2.02E-06	6.67E-04	5.65E-05	7.41E-05
2020 Annual	Mon-Sun	2265006010	Pumps	G4	25 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	1.59E+01	7.57E+00	8.80E+00	6.71E-04	2.56E-02	4.44E-04	4.20E-02	1.07E-06	3.52E-04	2.97E-05	3.88E-05
2020 Annual	Mon-Sun	2.27E+09	Pumps	G4	50 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	8.09E+00	4.89E+00	1.09E+01	1.51E-04	9.03E-03	2.26E-04	9.03E-02	1.10E-06	6.92E-06	1.61E-05	8.76E-06
2020 Annual	Mon-Sun	2.27E+09	Pumps	G4	120 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.03E+01	6.20E+00	3.69E+01	2.68E-04	9.61E-03	7.34E-04	3.40E-01	3.28E-06	2.63E-05	3.10E-05	1.55E-05
2020 Annual	Mon-Sun	2.27E+09	Pumps	G4	175 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	3.09E-01	1.87E-01	1.68E+00	8.55E-06	5.00E-04	3.72E-05	1.54E-02	1.53E-07	1.23E-06	4.94E-07	4.94E-07
2020 Annual	Mon-Sun	2.27E+09	Air Compressors	G4	5 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	2.64E+01	4.09E+01	8.89E+00	1.42E-03	1.67E-02	6.50E-04	5.41E-02	1.87E-06	1.77E-05	8.00E-05	8.19E-05
2020 Annual	Mon-Sun	2.27E+09	Air Compressors	G4	5 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	2.07E+01	2.16E+01	4.70E+00	7.49E-04	8.82E-03	3.43E-04	2.86E-02	9.88E-07	9.33E-06	4.23E-05	4.33E-05
2020 Annual	Mon-Sun	2.27E+09	Air Compressors	G4	15 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	1.34E+01	2.07E+01	7.82E+00	6.09E-04	2.21E-02	4.60E-04	3.84E-02	1.09E-06	3.22E-04	4.84E-05	3.51E-05
2020 Annual	Mon-Sun	2.27E+09	Air Compressors	G4	15 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	1.05E+01	1.09E+01	4.13E+00	3.14E-04	1.17E-02	2.37E-04	2.03E-02	5.78E-07	1.70E-04	2.53E-05	1.81E-05
2020 Annual	Mon-Sun	2.27E+09	Air Compressors	G4	25 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	1.80E+00	2.79E+00	2.64E+00	2.11E-04	7.69E-03	1.39E-04	1.26E-02	3.18E-07	1.05E-04	1.00E-05	1.21E-05
2020 Annual	Mon-Sun	2.27E+09	Air Compressors	G4	25 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	1.42E+00	1.47E+00	1.39E+00	1.09E-04	4.06E-03	7.22E-05	6.65E-03	1.68E-07	5.57E-05	2.65E-06	6.31E-06
2020 Annual	Mon-Sun	2.27E+09	Air Compressors	G4	50 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	3.08E+00	4.07E+00	9.03E+00	1.95E-04	1.11E-02	2.59E-04	6.89E-02	8.38E-07	5.28E-06	1.56E-05	1.13E-05
2020 Annual	Mon-Sun	2.27E+09	Air Compressors	G4	120 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	9.97E+00	1.32E+01	4.97E+01	6.71E-04	2.20E-02	1.65E-03	4.42E-01	4.27E-06	3.42E-05	6.77E-05	3.87E-05
2020 Annual	Mon-Sun	2.27E+09	Air Compressors	G4	175 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	6.71E-01	8.89E-01	6.08E+00	5.41E-05	1.97E-03	2.35E-04	5.54E-02	5.50E-07	4.41E-06	6.72E-06	3.12E-06
2020 Annual	Mon-Sun	2.27E+09	Welders	G4	15 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	5.16E+01	2.94E+01	1.59E+01	1.22E-03	4.51E-02	9.05E-04	7.80E-02	2.23E-06	6.54E-04	8.18E-05	7.07E-05
2020 Annual	Mon-Sun	2.27E+09	Welders	G4	25 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	1.87E+02	1.06E+02	9.13E+01	7.06E-03	2.66E-01	4.67E-03	4.36E-01	1.10E-05	3.65E-03	3.58E-04	4.08E-04
2020 Annual	Mon-Sun	2.27E+09	Welders	G4	50 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.61E+01	9.15E+00	2.20E+01	3.68E-04	1.88E-02	5.72E-04	1.81E-01	2.20E-06	1.39E-05	3.47E-05	2.13E-05
2020 Annual	Mon-Sun	2.27E+09	Welders	G4	120 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.64E+01	9.34E+00	3.11E+01	3.02E-04	8.93E-03	9.04E-04	2.85E-01	2.75E-06	2.20E-05	4.05E-05	1.75E-05
2020 Annual	Mon-Sun	2.27E+09	Welders	G4	175 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.13E+00	6.44E-01	3.87E+00	2.40E-05	1.15E-03	1.28E-04	3.54E-02	3.52E-07	2.82E-06	4.06E-06	1.39E-06
2020 Annual	Mon-Sun	2.27E+09	Pressure Washers	G4	5 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	5.53E+01	2.04E+01	6.79E+00	9.15E-04	1.34E-02	2.47E-04	4.09E-02	1.41E-06	1.40E-04	3.43E-05	5.29E-05
2020 Annual	Mon-Sun	2.27E+09	Pressure Washers	G4	5 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	4.35E+01	1.08E+01	3.73E+00	5.40E-04	7.83E-03	1.41E-04	2.16E-02	7.47E-07	7.34E-05	1.88E-05	3.12E-05
2020 Annual	Mon-Sun	2.27E+09	Pressure Washers	G4	15 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	4.94E+01	1.82E+01	1.03E+01	5.55E-04	2.94E-02	4.06E-04	5.11E-02	1.46E-06	2.69E-05	4.25E-05	3.21E-05
2020 Annual	Mon-Sun	2.27E+09	Pressure Washers	G4	15 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	3.88E+01	9.60E+00	5.53E+00	3.47E-04	1.59E-02	2.21E-04	2.70E-02	7.71E-07	1.41E-05	2.28E-05	2.01E-05
2020 Annual	Mon-Sun	2265006030	Pressure Washers	G4	25 Light Commercial Equipment	C	N	NHH	P	Total	Total	Total	9.27E+00	3.41E+00	5.12E+00	2.59E-04	1.51E-02	1.99E-04	2.47E-02	6.26E-07	1.29E-05	1.33E-05	1.50E-05
2020 Annual	Mon-Sun	2265006030	Pressure Washers	G4	25 Light Commercial Equipment	R	N	NHH	P	Total	Total	Total	7.28E+00	1.80E+00	2.72E+00	1.56E-04	8.05E-03	1.06E-04	1.30E-02	3.31E-07	6.82E-06	7.05E-06	9.03E-06
2020 Annual	Mon-Sun	2265006030	Pressure Washers	G4	50 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	9.05E-01	2.85E-01	7.10E-01	8.81E-06	4.82E-04	1.42E-05	6.06E-03	7.37E-08	4.64E-07	5.09E-07	5.09E-07
2020 Annual	Mon-Sun	2266003010	Aerial Lifts	C4	15 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	3.05E-02	3.13E-02	2.51E-02	5.82E-08	2.25E-05	6.15E-07	1.39E-04	0.00E+00	6.39E-08	0.00E+00	4.88E-07
2020 Annual	Mon-Sun	2266003010	Aerial Lifts	C4	25 Industrial Equipment	U	N																

2020 Annual	Mon-Sun	2270002033	Bore/Drill Rigs	D	D	25	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	4.18E-01	9.30E-01	6.77E-01	8.96E-06	3.06E-05	5.66E-05	7.43E-03	9.43E-08	2.11E-06	0.00E+00	8.09E-07
2020 Annual	Mon-Sun	2270002033	Bore/Drill Rigs	D	D	50	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	1.83E+00	4.20E+00	5.95E+00	4.11E-05	4.63E-04	3.69E-04	6.51E-02	8.42E-07	4.10E-06	0.00E+00	3.71E-06
2020 Annual	Mon-Sun	2270002033	Bore/Drill Rigs	D	D	120	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	5.60E+00	1.29E+01	4.52E+01	1.80E-04	3.00E-03	1.50E-03	4.97E-01	5.83E-06	2.56E-05	0.00E+00	1.63E-05
2020 Annual	Mon-Sun	2270002033	Bore/Drill Rigs	D	D	175	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	1.30E+00	2.98E+00	1.91E+01	5.99E-05	1.12E-03	2.77E-04	2.10E-01	2.37E-06	7.54E-06	0.00E+00	5.40E-06
2020 Annual	Mon-Sun	2270002033	Bore/Drill Rigs	D	D	250	Construction and Mining Equipment	U	N	NHH	P	Total	Total	Total	1.12E+00	2.57E+00	2.18E+01	6.08E-05	4.39E-04	2.07E-04	2.41E-01	2.71E-06	5.62E-06	0.00E+00	5.48E-06
2020 Annual	Mon-Sun	2270002033	Bore/Drill Rigs	D	D	500	Construction and Mining Equipment	U	N	NHH	P	Total	Total	Total	2.48E+00	5.71E+00	8.03E+01	2.23E-04	1.57E-03	7.48E-04	8.88E-01	8.72E-06	2.06E-05	0.00E+00	2.02E-05
2020 Annual	Mon-Sun	2270002033	Bore/Drill Rigs	D	D	750	Construction and Mining Equipment	U	N	NHH	P	Total	Total	Total	3.95E+00	9.09E+00	2.52E+02	7.03E-04	4.94E-03	2.36E-03	2.79E+00	2.81E-05	6.48E-05	0.00E+00	6.34E-05
2020 Annual	Mon-Sun	2270002033	Bore/Drill Rigs	D	D	1000	Construction and Mining Equipment	U	N	NHH	P	Total	Total	Total	6.62E+00	1.52E+01	6.38E+02	1.86E-03	1.25E-02	3.03E-02	7.06E+00	7.10E-05	4.03E-04	0.00E+00	1.68E-04
2020 Annual	Mon-Sun	2270002036	Excavators	D	D	25	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	5.16E-01	1.97E+00	1.48E+00	1.96E-05	6.68E-05	1.24E-04	1.62E-02	2.06E-07	4.62E-06	0.00E+00	1.77E-06
2020 Annual	Mon-Sun	2270002036	Excavators	D	D	50	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.94E+01	7.53E+01	8.66E+01	1.44E-03	9.20E-03	7.00E-03	9.41E-01	1.22E-05	3.02E-04	0.00E+00	1.30E-04
2020 Annual	Mon-Sun	2270002036	Excavators	D	D	120	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	5.27E+01	2.05E+02	6.87E+02	5.95E-03	5.09E-02	3.80E-02	7.52E+00	8.82E-05	2.10E-03	0.00E+00	5.37E-04
2020 Annual	Mon-Sun	2270002036	Excavators	D	D	175	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.02E+02	3.95E+02	2.02E+03	1.39E-02	1.31E-01	7.62E-02	2.21E+01	2.49E-04	3.84E-03	0.00E+00	1.25E-03
2020 Annual	Mon-Sun	2270002036	Excavators	D	D	250	Construction and Mining Equipment	U	N	NHH	NP	Total	Total	Total	4.14E+01	1.60E+02	1.15E+03	6.64E-03	2.63E-02	3.60E-02	1.27E+01	1.43E-04	1.23E-03	0.00E+00	5.99E-04
2020 Annual	Mon-Sun	2270002036	Excavators	D	D	500	Construction and Mining Equipment	U	N	NHH	NP	Total	Total	Total	2.98E+01	1.16E+02	1.22E+03	6.93E-03	2.65E-02	3.49E-02	1.35E+01	1.33E-04	1.27E-03	0.00E+00	6.25E-04
2020 Annual	Mon-Sun	2270002036	Excavators	D	D	750	Construction and Mining Equipment	U	N	NHH	NP	Total	Total	Total	2.00E+00	7.74E+00	1.36E+02	7.69E-04	2.94E-03	3.93E-03	1.50E+00	1.51E-05	1.42E-04	0.00E+00	6.94E-05
2020 Annual	Mon-Sun	2270002039	Concrete/Industrial Saws	D	D	25	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	5.58E-02	9.05E-02	6.79E-02	8.99E-07	3.07E-06	5.68E-06	7.45E-04	9.45E-09	2.12E-07	0.00E+00	8.11E-08
2020 Annual	Mon-Sun	2270002039	Concrete/Industrial Saws	D	D	50	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	4.88E-01	1.76E-01	1.07E+00	1.64E-05	9.38E-05	8.65E-05	1.17E-02	1.51E-07	4.37E-06	0.00E+00	1.48E-06
2020 Annual	Mon-Sun	2270002039	Concrete/Industrial Saws	D	D	120	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	8.50E-01	1.35E+00	4.57E+00	3.54E-05	3.12E-04	2.79E-04	5.01E-02	5.88E-07	1.68E-05	0.00E+00	3.20E-06
2020 Annual	Mon-Sun	2270002039	Concrete/Industrial Saws	D	D	175	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	2.79E-02	1.43E-02	3.23E-01	1.92E-06	1.92E-05	1.45E-05	3.55E-03	7.15E-07	1.75E-07	0.00E+00	1.73E-07
2020 Annual	Mon-Sun	2270002042	Cement and Mortar Mixers	D	D	15	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	7.12E+00	8.86E+00	1.69E+00	2.15E-05	1.13E-04	1.35E-04	1.85E-02	2.88E-07	5.27E-06	0.00E+00	1.94E-06
2020 Annual	Mon-Sun	2270002042	Cement and Mortar Mixers	D	D	25	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	6.41E-01	5.28E-01	4.22E-01	5.89E-06	1.95E-05	3.62E-05	4.63E-03	5.87E-08	1.53E-06	0.00E+00	5.31E-07
2020 Annual	Mon-Sun	2270002045	Cranes	D	D	50	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	4.74E-01	1.66E+00	1.78E+00	4.42E-05	2.01E-04	1.57E-04	1.93E-02	2.49E-07	1.00E-05	0.00E+00	3.99E-06
2020 Annual	Mon-Sun	2270002045	Cranes	D	D	120	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	5.20E+00	1.82E+01	4.18E+01	4.94E-04	3.14E-03	3.02E-03	4.57E-01	5.36E-06	2.18E-04	0.00E+00	4.46E-05
2020 Annual	Mon-Sun	2270002045	Cranes	D	D	175	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	5.20E+00	1.82E+01	6.67E+01	5.90E-04	4.33E-03	3.71E-03	7.32E-01	8.24E-06	2.03E-04	0.00E+00	5.32E-05
2020 Annual	Mon-Sun	2270002045	Cranes	D	D	250	Construction and Mining Equipment	U	N	NHH	P	Total	Total	Total	1.01E+01	3.53E+01	1.79E+02	1.24E-03	4.31E-03	8.74E-03	1.98E+00	2.23E-05	3.01E-04	0.00E+00	1.12E-04
2020 Annual	Mon-Sun	2270002045	Cranes	D	D	500	Construction and Mining Equipment	U	N	NHH	P	Total	Total	Total	3.69E+00	1.30E+01	1.06E+02	7.04E-04	2.48E-03	4.56E-03	1.17E+00	1.14E-05	1.66E-04	0.00E+00	6.35E-05
2020 Annual	Mon-Sun	2270002045	Cranes	D	D	750	Construction and Mining Equipment	U	N	NHH	P	Total	Total	Total	8.28E+00	2.90E+01	3.98E+02	2.67E-03	9.37E-03	1.77E-02	4.40E+00	4.42E-05	6.37E-04	0.00E+00	2.41E-04
2020 Annual	Mon-Sun	2270002045	Cranes	D	D	9999	Construction and Mining Equipment	U	N	NHH	P	Total	Total	Total	1.04E+01	3.65E+01	1.60E+03	1.22E-02	4.00E-02	1.28E-01	1.77E+01	1.78E-04	3.27E-03	0.00E+00	1.10E-03
2020 Annual	Mon-Sun	2270002048	Graders	D	D	50	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.95E-01	5.07E-01	6.43E-01	1.42E-05	6.99E-05	5.46E-05	6.97E-03	9.02E-08	3.14E-06	0.00E+00	1.29E-06
2020 Annual	Mon-Sun	2270002048	Graders	D	D	120	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.30E+01	3.38E+01	1.16E+02	1.25E-03	8.60E-03	7.72E-03	1.27E+00	1.49E-05	5.25E-04	0.00E+00	1.12E-04
2020 Annual	Mon-Sun	2270002048	Graders	D	D	175	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	4.45E+01	1.16E+02	6.52E+02	5.30E-03	4.20E-02	3.24E-02	1.75E+00	8.05E-05	1.75E-03	0.00E+00	4.78E-04
2020 Annual	Mon-Sun	2270002048	Graders	D	D	250	Construction and Mining Equipment	U	N	NHH	NP	Total	Total	Total	2.76E+01	7.17E+01	5.58E+02	3.58E-03	1.32E-02	2.40E-02	6.17E+00	6.94E-05	8.23E-04	0.00E+00	3.23E-04
2020 Annual	Mon-Sun	2270002048	Graders	D	D	500	Construction and Mining Equipment	U	N	NHH	NP	Total	Total	Total	7.81E-01	2.03E+00	2.11E+01	1.30E-04	5.03E-04	8.08E-04	2.32E-01	2.28E-06	2.92E-05	0.00E+00	1.17E-05
2020 Annual	Mon-Sun	2270002048	Graders	D	D	750	Construction and Mining Equipment	U	N	NHH	NP	Total	Total	Total	1.27E-01	3.31E-01	7.27E+00	4.51E-05	1.74E-04	2.86E-04	8.03E-02	8.07E-07	1.02E-05	0.00E+00	4.07E-06
2020 Annual	Mon-Sun	2270002051	Off-Highway Trucks	D	D	175	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	9.06E-01	4.92E+00	2.80E+01	2.06E-04	1.85E-03	1.12E-03	3.07E-01	3.46E-06	5.75E-05	0.00E+00	1.86E-05
2020 Annual	Mon-Sun	2270002051	Off-Highway Trucks	D	D	250	Construction and Mining Equipment	U	N	NHH	NP	Total	Total	Total	6.69E+00	3.63E+01	2.74E+02	1.68E-03	6.38E-03	9.15E-03	3.02E+00	3.40E-05	3.14E-04	0.00E+00	1.52E-04
2020 Annual	Mon-Sun	2270002051	Off-Highway Trucks	D	D	500	Construction and Mining Equipment	U	N	NHH	NP	Total	Total	Total	9.42E+00	5.12E+01	6.30E+02	3.80E-03	1.39E-02	1.91E-02	6.96E+00	6.83E-05	6.98E-04	0.00E+00	3.43E-04
2020 Annual	Mon-Sun	2270002051	Off-Highway Trucks	D	D	750	Construction and Mining Equipment	U	N	NHH	NP	Total	Total	Total	2.67E+01	1.45E+02	2.90E+03	1.75E-02	6.40E-02	8.95E-02	3.20E+01	3.22E-04	3.24E-03	0.00E+00	1.58E-03
2020 Annual	Mon-Sun	2270002051	Off-Highway Trucks	D	D	1000	Construction and Mining Equipment	U	N	NHH	NP	Total	Total	Total	1.25E+01	6.79E+01	1.92E+03	1.23E-02	4.38E-02	1.32E-01	2.12E+01	2.13E-04	3.07E-03	0.00E+00	1.11E-03
2020 Annual	Mon-Sun	2270002054	Crushing/Proc. Equipment	D	D	50	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	2.23E+00	5.84E+00	1.18E+01	2.14E-04	1.18E-03	9.83E-04	1.28E-01	1.66E-06	5.27E-05	0.00E+00	1.93E-05
2020 Annual	Mon-Sun	2270002054	Crushing/Proc. Equipment	D	D	120	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	6.29E+00	1.65E+01	6.24E+01	5.69E-04	4.48E-03	3.91E-03	6.84E-01	8.02E-06	2.49E-04	0.00E+00	5.14E-05
2020 Annual	Mon-Sun	2270002054	Crushing/Proc. Equipment	D	D	175	Construction and Mining Equipment	U	P	NHH	P	Total	Total	Total	2.66E+00	6.97E+00	5.31E+01	3.77E-04	3.32E-03	2.45E-03	5.83E-01	6.56E-06	1.28E-04	0.00E+00	3.40E-05
2020 Annual	Mon-Sun	2270002054	Crushing/Proc. Equipment	D	D	250	Construction and Mining Equipment	U	N	NHH	P	Total	Total	Total	2.65E-01	6.94E-01	7.67E+00	4.31E-05	1.68E-04	3.00E-04	8.47E-02	9.53E-07	9.77E-06	0.00E+00	3.89E-06
2020 Annual	Mon-Sun	2270002054	Crushing/Proc. Equipment	D	D	500	Construction and Mining Equipment	U	N	NHH	P	Total	Total	Total	1.49E+00	3.91E+00	6.60E+01	3.61E-04	1.38E-03	2.31E-03	7.29E-01	7.16E-06	8.12E-05	0.00E+00	3.26E-05
2020 Annual	Mon-Sun	2270002054	Crushing/Proc. Equipment	D	D	750	Construction and Mining Equipment	U	N	NHH	P	Total	Total	Total	2.12E-01	5.56E-01	1.48E+01	8.09E-05	3.10E-04	5.28E-04	1.64E-01	1.64E-06	1.82E-05	0.00E+00	7.30E-06
2020 Annual	Mon-Sun	2270002054	Crushing/Proc. Equipment	D	D	9999	Construction and Mining Equipment	U	N	NHH	P	Total	Total	Total	2.12E-01	5.56E-01	3.29E+01	2.11E-04	7.37E-04	2.36E-03	3.63E-01	3.65E-06	5.70E-05	0.00E+00	1.90E-05
2020 Annual	Mon-Sun	2270002057	Rough Terrain Forklifts	D	D	50	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	1.55E+00	4.79E+00	7.46E+00	1.25E-04	7.60E-04	6.12E-04	8.11E-02	1.05E-06	2.93E-05	0.00E+00	1.12E-05
2020 Annual	Mon-Sun	2270002057	Rough Terrain Forklifts	D	D	120	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	7.41E+01	2.30E+02	6.54E+02	5.68E-03	4.75E-02	3.82E-02	7.16E+00	8.40E-05	2.26E-03	0.00E+00	5.12E-04
2020 Annual	Mon-Sun	2270002057	Rough Terrain Forklifts	D	D	175	Construction and Mining Equipment	U	P	NHH	NP	Total	Total	Total	9.49E+00										

2020 Annual	Mon-Sun	2270003030	Sweepers/Scrubbers	D	120 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	2.85E+00	9.55E+00	3.27E+01	2.64E-04	2.36E-03	1.76E-03	3.58E-01	4.20E-06	9.95E-05	0.00E+00	2.39E-05
2020 Annual	Mon-Sun	2270003030	Sweepers/Scrubbers	D	175 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.31E+00	4.40E+00	2.78E+01	1.85E-04	1.77E-03	1.06E-03	3.05E-01	3.43E-06	5.50E-05	0.00E+00	1.67E-05
2020 Annual	Mon-Sun	2270003030	Sweepers/Scrubbers	D	250 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	2.10E-01	7.04E-01	5.15E+00	2.80E-05	1.12E-04	1.58E-04	5.69E-02	6.41E-07	5.24E-06	0.00E+00	2.53E-06
2020 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	D	15 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	2.32E-01	9.08E-01	2.65E-01	3.01E-06	1.77E-05	2.12E-05	2.90E-03	4.52E-08	8.27E-07	0.00E+00	2.72E-07
2020 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	D	25 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	3.12E-01	1.22E+00	8.50E-01	1.13E-05	3.84E-05	7.12E-05	9.33E-03	1.18E-07	2.66E-06	0.00E+00	1.02E-06
2020 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	D	50 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	3.86E-01	1.51E+00	1.51E+00	3.25E-05	1.66E-04	1.31E-04	1.64E-02	2.12E-07	7.57E-06	0.00E+00	2.93E-06
2020 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	D	120 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.54E+00	6.03E+00	1.71E+01	1.81E-04	1.27E-03	1.14E-03	1.87E-01	2.19E-06	7.68E-05	0.00E+00	1.63E-05
2020 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	D	175 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.55E+00	6.05E+00	2.64E+01	2.17E-04	1.71E-03	1.33E-03	2.90E-01	3.26E-06	7.09E-05	0.00E+00	1.96E-05
2020 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	D	250 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.54E+00	6.02E+00	3.70E+01	2.36E-04	8.43E-04	1.59E-03	4.08E-01	4.59E-06	5.12E-05	0.00E+00	2.13E-05
2020 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	D	500 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.54E+00	6.01E+00	7.22E+01	4.48E-04	1.57E-03	2.77E-03	7.97E-01	7.82E-06	9.62E-05	0.00E+00	4.05E-05
2020 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	D	750 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	3.84E-01	1.50E+00	2.97E+01	1.85E-04	6.44E-04	1.17E-03	3.28E-01	3.30E-06	4.01E-05	0.00E+00	1.67E-05
2020 Annual	Mon-Sun	2270003040	Other General Industrial Equip D	D	1000 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	2.34E-01	9.14E-01	2.31E+01	1.57E-04	5.40E-04	1.76E-03	2.55E-01	2.57E-06	4.38E-05	0.00E+00	1.42E-05
2020 Annual	Mon-Sun	2270003050	Other Material Handling Equip D	D	50 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.11E-02	4.00E-02	5.59E-02	1.19E-06	6.08E-06	4.82E-06	6.06E-04	7.84E-09	2.80E-07	0.00E+00	1.07E-07
2020 Annual	Mon-Sun	2270003050	Other Material Handling Equip D	D	120 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	6.64E-02	2.40E-01	6.65E-01	6.97E-06	4.93E-05	4.44E-05	7.27E-03	8.53E-08	2.99E-06	0.00E+00	6.29E-07
2020 Annual	Mon-Sun	2270003050	Other Material Handling Equip D	D	175 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	7.12E-02	2.57E-01	1.43E+00	1.16E-05	9.21E-05	7.21E-05	1.57E-02	1.76E-07	3.83E-06	0.00E+00	1.05E-06
2020 Annual	Mon-Sun	2270003050	Other Material Handling Equip D	D	250 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	1.69E-01	6.12E-01	4.01E+00	2.53E-05	9.10E-05	1.72E-04	4.43E-02	4.98E-07	5.55E-06	0.00E+00	2.29E-06
2020 Annual	Mon-Sun	2270003050	Other Material Handling Equip D	D	500 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	3.16E-02	1.14E-01	9.91E-01	6.08E-06	2.14E-05	3.79E-05	1.09E-02	1.07E-07	1.32E-06	0.00E+00	5.48E-07
2020 Annual	Mon-Sun	2270003050	Other Material Handling Equip D	D	9999 Industrial Equipment	U	N	NHH	NP	Total	Total	Total	9.49E-03	3.43E-02	1.15E+00	8.35E-06	2.68E-05	8.72E-05	1.27E-02	1.25E-07	2.17E-06	0.00E+00	7.54E-07
2020 Annual	Mon-Sun	2270006005	Generator Sets	D	15 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	3.78E+01	3.50E+01	1.63E+01	2.04E-04	1.11E-03	1.42E-03	1.78E-01	2.77E-06	6.72E-05	0.00E+00	1.84E-05
2020 Annual	Mon-Sun	2270006005	Generator Sets	D	25 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	2.77E+01	2.56E+01	2.05E+01	2.87E-04	9.83E-04	1.80E-03	2.25E-01	2.86E-06	8.19E-05	0.00E+00	2.59E-05
2020 Annual	Mon-Sun	2270006005	Generator Sets	D	50 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	3.38E+01	3.12E+01	4.37E+01	5.96E-04	3.37E-03	3.42E-03	4.78E-01	6.18E-06	1.65E-04	0.00E+00	5.38E-05
2020 Annual	Mon-Sun	2270006005	Generator Sets	D	120 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	5.13E+01	4.75E+01	1.68E+02	1.21E-03	1.10E-02	1.04E-02	1.85E+00	2.17E-05	5.92E-04	0.00E+00	1.09E-04
2020 Annual	Mon-Sun	2270006005	Generator Sets	D	175 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	3.03E+00	2.81E+00	1.81E+01	9.48E-05	1.03E-03	8.39E-04	1.99E-01	2.24E-06	3.71E-05	0.00E+00	8.55E-06
2020 Annual	Mon-Sun	2270006005	Generator Sets	D	250 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.70E+00	1.57E+00	1.51E+01	5.83E-05	3.01E-04	5.94E-04	1.66E-01	1.87E-06	1.69E-05	0.00E+00	5.26E-06
2020 Annual	Mon-Sun	2270006005	Generator Sets	D	500 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	3.77E+00	3.49E+00	5.30E+01	1.95E-04	1.04E-03	1.89E-03	5.87E-01	5.76E-06	5.73E-05	0.00E+00	1.76E-05
2020 Annual	Mon-Sun	2270006005	Generator Sets	D	750 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	2.34E+00	2.17E+00	5.32E+01	1.99E-04	1.04E-03	1.94E-03	5.88E-01	5.92E-06	5.82E-05	0.00E+00	1.79E-05
2020 Annual	Mon-Sun	2270006005	Generator Sets	D	9999 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	6.10E-01	5.64E-01	2.67E+01	1.27E-04	5.65E-04	1.88E-03	2.95E-01	2.97E-06	4.14E-05	0.00E+00	1.14E-05
2020 Annual	Mon-Sun	2270006010	Pumps	D	15 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	2.84E+01	3.13E+01	1.06E+01	1.50E-04	7.26E-04	9.32E-04	1.16E-01	1.81E-06	4.69E-05	0.00E+00	1.36E-05
2020 Annual	Mon-Sun	2270006010	Pumps	D	25 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	8.48E+00	9.35E+00	8.30E+00	1.24E-04	3.97E-04	7.29E-04	9.11E-02	1.16E-06	3.42E-05	0.00E+00	1.12E-05
2020 Annual	Mon-Sun	2270006010	Pumps	D	50 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	1.48E+01	1.63E+01	2.56E+01	3.81E-04	2.07E-03	2.03E-03	2.80E-01	3.62E-06	1.02E-04	0.00E+00	3.44E-05
2020 Annual	Mon-Sun	2270006010	Pumps	D	120 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	2.90E+00	3.20E+01	1.14E+02	8.61E-04	7.53E-03	7.09E-03	1.25E+00	1.46E-05	4.20E-04	0.00E+00	7.76E-05
2020 Annual	Mon-Sun	2270006010	Pumps	D	175 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	3.14E+00	3.46E+00	2.20E+01	1.23E-04	1.27E-03	1.04E-03	2.42E-01	2.72E-06	4.77E-05	0.00E+00	1.11E-05
2020 Annual	Mon-Sun	2270006010	Pumps	D	250 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	2.26E+00	2.49E+00	2.27E+01	9.42E-05	4.61E-04	9.11E-04	2.51E-01	2.82E-06	2.65E-05	0.00E+00	8.50E-06
2020 Annual	Mon-Sun	2270006010	Pumps	D	500 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	4.46E-02	4.92E-02	7.67E-01	3.04E-06	1.52E-05	2.77E-05	8.48E-03	8.33E-08	8.63E-07	0.00E+00	2.74E-07
2020 Annual	Mon-Sun	2270006010	Pumps	D	750 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	7.43E-03	8.20E-03	2.11E-01	8.46E-07	4.19E-06	7.81E-06	2.34E-03	2.35E-08	2.41E-07	0.00E+00	7.64E-08
2020 Annual	Mon-Sun	2270006010	Pumps	D	9999 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.64E-01	1.80E-01	1.10E+01	5.51E-05	2.37E-04	7.87E-04	1.22E-01	1.23E-06	1.76E-05	0.00E+00	4.97E-06
2020 Annual	Mon-Sun	2270006015	Air Compressors	D	15 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	3.87E-01	8.62E-01	2.84E-01	4.02E-06	1.94E-05	2.50E-05	3.11E-03	4.84E-08	1.26E-06	0.00E+00	3.63E-07
2020 Annual	Mon-Sun	2270006015	Air Compressors	D	25 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	7.66E-01	1.71E+00	1.12E+00	1.68E-05	5.38E-05	9.86E-05	1.23E-02	1.56E-07	4.63E-06	0.00E+00	1.51E-06
2020 Annual	Mon-Sun	2270006015	Air Compressors	D	50 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	6.96E+00	1.55E+01	1.59E+01	3.10E-04	1.57E-03	1.33E-03	1.73E-01	2.23E-06	7.69E-05	0.00E+00	2.80E-05
2020 Annual	Mon-Sun	2270006015	Air Compressors	D	120 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	4.63E+01	1.03E+02	2.21E+02	2.11E-03	1.58E-02	1.46E-02	2.42E+00	2.84E-05	9.71E-04	0.00E+00	1.91E-04
2020 Annual	Mon-Sun	2270006015	Air Compressors	D	175 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	1.75E+00	3.91E+00	1.58E+01	1.15E-04	9.74E-04	7.84E-04	1.73E-01	1.95E-06	4.09E-05	0.00E+00	1.03E-05
2020 Annual	Mon-Sun	2270006015	Air Compressors	D	250 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	2.47E+00	5.50E+00	3.27E+01	1.83E-04	7.12E-04	1.39E-03	3.61E-01	4.06E-06	4.42E-05	0.00E+00	1.65E-05
2020 Annual	Mon-Sun	2270006015	Air Compressors	D	500 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	3.22E+00	7.18E+00	7.52E+01	4.08E-04	1.58E-03	2.85E-03	8.31E-01	8.16E-06	9.79E-05	0.00E+00	3.68E-05
2020 Annual	Mon-Sun	2270006015	Air Compressors	D	750 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	1.20E+00	2.69E+00	4.35E+01	2.37E-04	9.11E-04	1.69E-03	4.81E-01	4.83E-06	5.73E-05	0.00E+00	2.14E-05
2020 Annual	Mon-Sun	2270006015	Air Compressors	D	1000 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	2.97E-02	6.63E-02	1.46E+00	8.70E-06	3.30E-05	1.09E-04	1.61E-02	1.62E-07	2.65E-06	0.00E+00	7.85E-07
2020 Annual	Mon-Sun	2270006025	Welders	D	15 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	1.28E+01	2.26E+01	6.40E+00	9.06E-05	4.38E-04	5.62E-04	7.01E-02	1.09E-06	2.83E-05	0.00E+00	8.18E-06
2020 Annual	Mon-Sun	2270006025	Welders	D	25 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	1.13E+01	1.99E+01	1.02E+01	1.52E-04	4.89E-04	8.97E-04	1.12E-01	1.42E-06	4.21E-05	0.00E+00	1.38E-05
2020 Annual	Mon-Sun	2270006025	Welders	D	50 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	3.48E+01	6.12E+01	7.29E+01	1.34E-03	6.78E-03	6.00E-03	7.93E-01	1.03E-05	3.37E-04	0.00E+00	1.21E-04
2020 Annual	Mon-Sun	2270006025	Welders	D	120 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	2.70E+01	4.75E+01	8.56E+01	7.63E-04	5.95E-03	5.56E-03	9.38E-01	1.10E-05	3.62E-04	0.00E+00	6.89E-05
2020 Annual	Mon-Sun	2270006025	Welders	D	175 Light Commercial Equipment	U	P	NHH	P	Total	Total	Total	1.34E-01	2.35E-01	1.05E+00	7.06E-06	6.34E-05	5.16E-05	1.15E-02	1.30E-07	2.61E-06	0.00E+00	6.37E-07
2020 Annual	Mon-Sun	2270006025	Welders	D	250 Light Commercial Equipment	U	N	NHH	P	Total	Total	Total	2.97E-02	5.23E-02	2.82E-01	1.43E-06	5.99E-06	1.18E-05	3.11E-03	3.50E-08	3.66E-07	0.00E+00	1.29E-07