

Oregon's 2020 Highest Emitting Point Sources

Emissions Inventory Group, Air Quality Technical Services

3/15/2024

Portland, Or

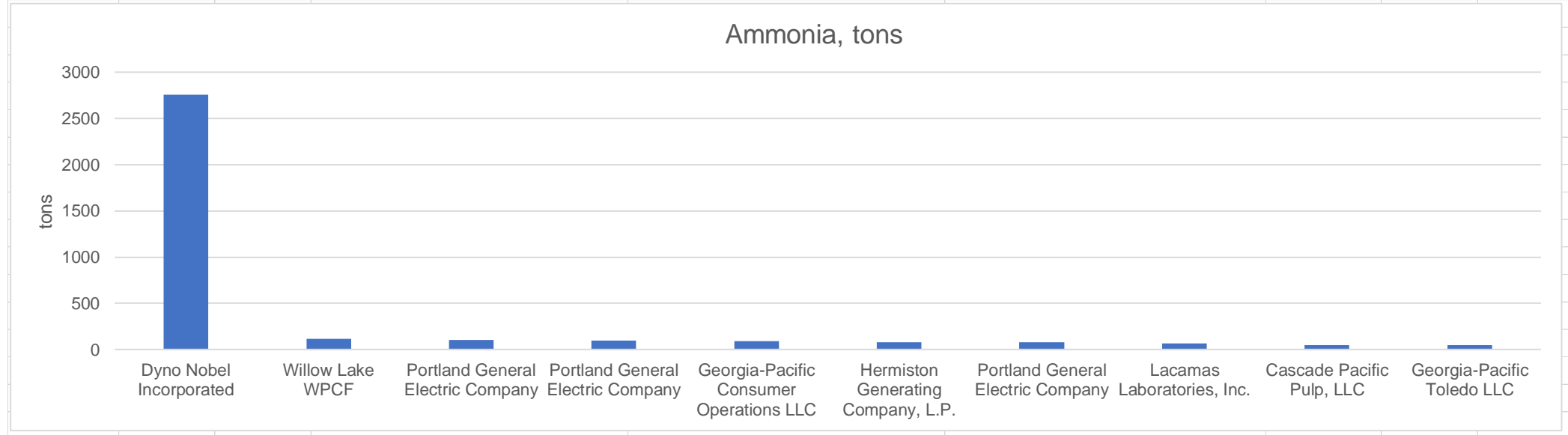
Notes

- Data presented is from the EPA's 2020 National Emissions Inventory, NEI, downloaded on 3/15/2024
- Point Sources are large industrial/commercial/institutional facilities
- Visit DEQ website for description of NEI, Point Sources, and Criteria Pollutants
<https://www.oregon.gov/deq/air/Pages/EI-background.aspx>
- Emissions data was reported by each site in accordance with their Air Quality Permit to Oregon DEQ
- Oregon DEQ provided reported emissions to EPA for inclusion in the National Emissions Inventory
- The exception is the total emissions from the Airports; EPA supplements airport's ground activity emissions with modeled estimates for airport flight activity (takeoffs and landings).

*EPA supplements airport emissions with modeled emissions estimates for airport activity.

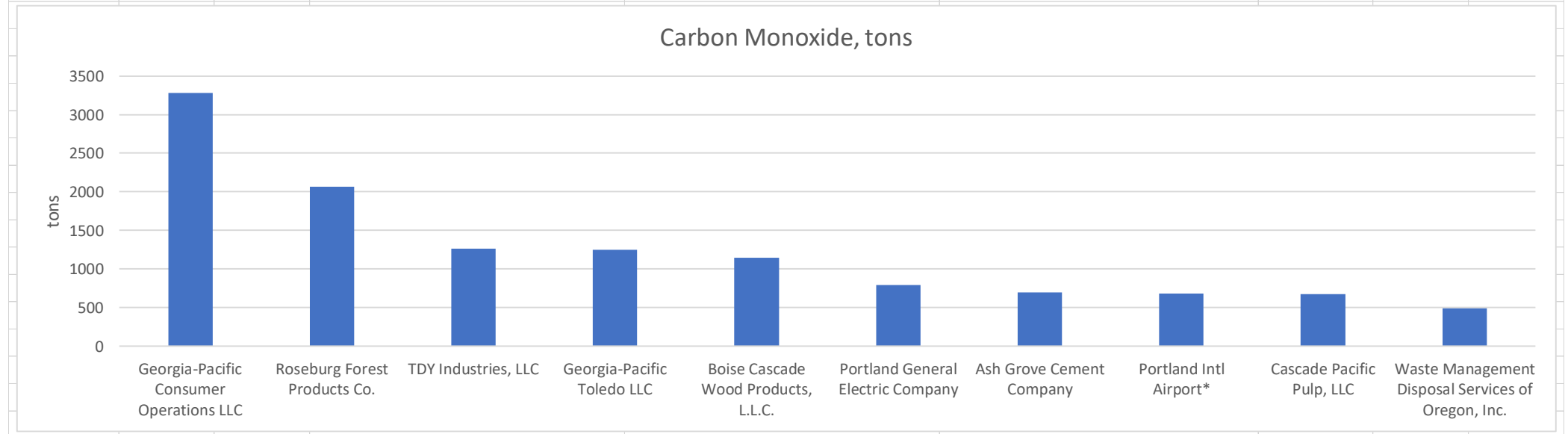
Ammonia

County	Agency	Facility ID	Company Name	Site Name	Pollutant	Emissions	Units	Data Set
Columbia	ORDEQ	05-2042	Dyno Nobel Incorporated	Dyno Nobel Incorporated	Ammonia	2760	TON	2020NEI
Marion	ORDEQ	24-0136	Willow Lake WPCF	Willow Lake WPCF	Ammonia	119	TON	2020NEI
Morrow	ORDEQ	25-0031	Portland General Electric Compar	Coyote Springs Plant	Ammonia	102	TON	2020NEI
Morrow	ORDEQ	25-0016	Portland General Electric Compar	PGE Boardman	Ammonia	95	TON	2020NEI
Clatsop	ORDEQ	04-0004	Georgia-Pacific Consumer Operat	Wauna Mill	Ammonia	94	TON	2020NEI
Umatilla	ORDEQ	30-0113	Hermiston Generating Company,	Hermiston Generating Company,	Ammonia	81	TON	2020NEI
Columbia	ORDEQ	05-2520	Portland General Electric Compar	Beaver Plant/Port Westward I Pla	Ammonia	79	TON	2020NEI
Multnomah	ORDEQ	26-3230	Lacamas Laboratories, Inc.	Lacamas Laboratories, Inc.	Ammonia	67	TON	2020NEI
Linn	ORDEQ	22-3501	Cascade Pacific Pulp, LLC	Halsey Pulp Mill	Ammonia	48	TON	2020NEI
Lincoln	ORDEQ	21-0005	Georgia-Pacific Toledo LLC	Toledo	Ammonia	48	TON	2020NEI
					sum of top 10	3495	TON	



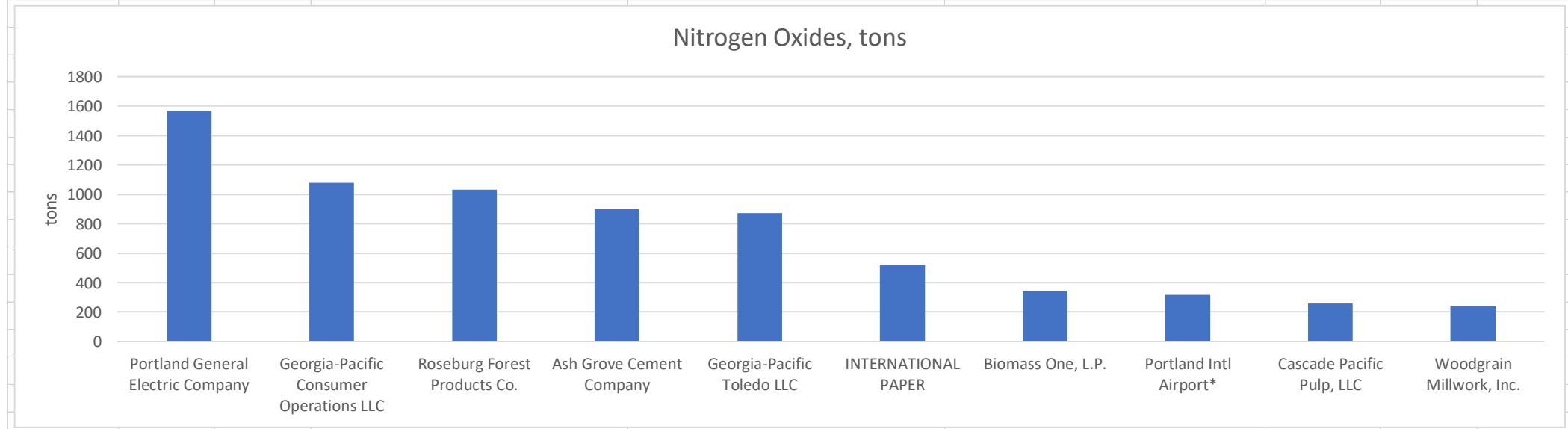
Carbon Monoxide

County	Agency	Facility ID	Company Name	Site Name	Pollutant	Emissions	Units	Data Set
Clatsop	ORDEQ	04-0004	Georgia-Pacific Consumer Operat	Wauna Mill	Carbon Monoxide	3282	TON	2020NEI
Douglas	ORDEQ	10-0025	Roseburg Forest Products Co.	Dillard	Carbon Monoxide	2065	TON	2020NEI
Linn	ORDEQ	22-0547	TDY Industries, LLC	ATI Millersburg	Carbon Monoxide	1263	TON	2020NEI
Lincoln	ORDEQ	21-0005	Georgia-Pacific Toledo LLC	Toledo	Carbon Monoxide	1249	TON	2020NEI
Jackson	ORDEQ	15-0004	Boise Cascade Wood Products, L	Medford	Carbon Monoxide	1145	TON	2020NEI
Morrow	ORDEQ	25-0016	Portland General Electric Compar	PGE Boardman	Carbon Monoxide	792	TON	2020NEI
Baker	ORDEQ	01-0029	Ash Grove Cement Company	JS&H	Carbon Monoxide	694	TON	2020NEI
Multnomah	ORDEQ		Portland Intl Airport*	Portland Intl	Carbon Monoxide	681	TON	2020NEI
Linn	ORDEQ	22-3501	Cascade Pacific Pulp, LLC	Halsey Pulp Mill	Carbon Monoxide	673	TON	2020NEI
Gilliam	ORDEQ	11-0001	Waste Management Disposal Ser	Columbia Ridge Landfill & Recycli	Carbon Monoxide	492	TON	2020NEI
					sum of top 10	12,336	TON	



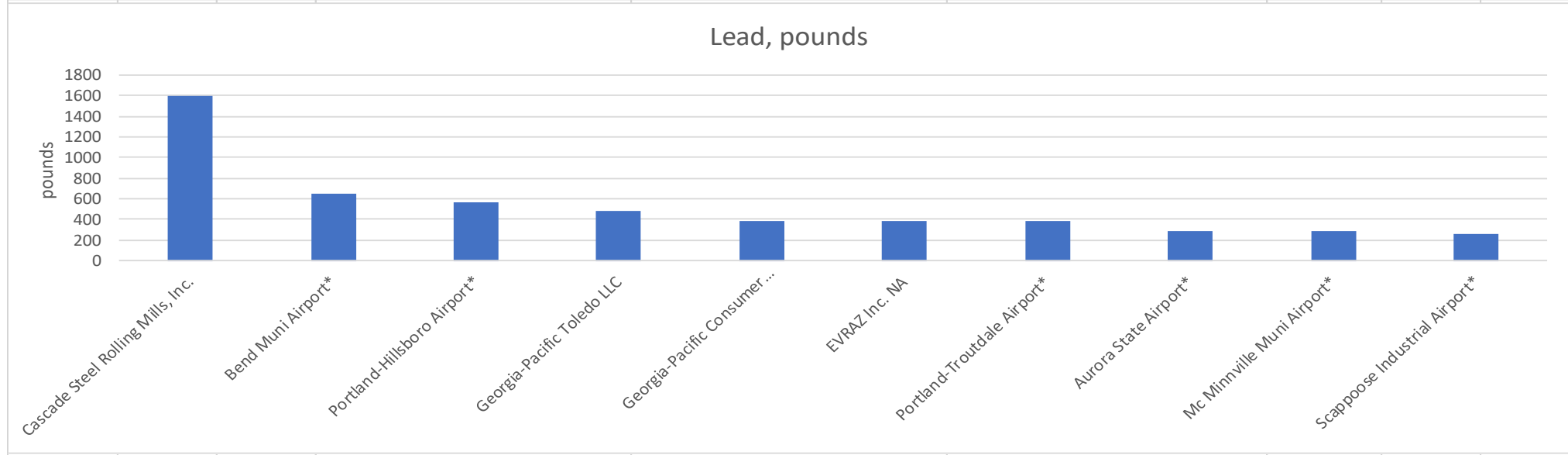
Nitrogen Oxides

County	Agency	Facility ID	Company Name	Site Name	Pollutant	Emissions	Units	Data Set
Morrow	ORDEQ	25-0016	Portland General Electric Company	PGE Boardman	Nitrogen Oxides	1567	TON	2020NEI
Clatsop	ORDEQ	04-0004	Georgia-Pacific Consumer Operations LLC	Wauna Mill	Nitrogen Oxides	1077	TON	2020NEI
Douglas	ORDEQ	10-0025	Roseburg Forest Products Co.	Dillard	Nitrogen Oxides	1031	TON	2020NEI
Baker	ORDEQ	01-0029	Ash Grove Cement Company	JS&H	Nitrogen Oxides	900	TON	2020NEI
Lincoln	ORDEQ	21-0005	Georgia-Pacific Toledo LLC	Toledo	Nitrogen Oxides	873	TON	2020NEI
Lane	LRAPA	20-8850	INTERNATIONAL PAPER	INTERNATIONAL PAPER	Nitrogen Oxides	523	TON	2020NEI
Jackson	ORDEQ	15-0159	Biomass One, L.P.	Biomass One, L.P.	Nitrogen Oxides	344	TON	2020NEI
Multnomah	ORDEQ		Portland Intl Airport*	Portland Intl	Nitrogen Oxides	315	TON	2020NEI
Linn	ORDEQ	22-3501	Cascade Pacific Pulp, LLC	Halsey Pulp Mill	Nitrogen Oxides	260	TON	2020NEI
Union	ORDEQ	31-0002	Woodgrain Millwork, Inc.	Woodgrain Millwork, Inc.	Nitrogen Oxides	240	TON	2020NEI
					sum of top 10	7131	TON	



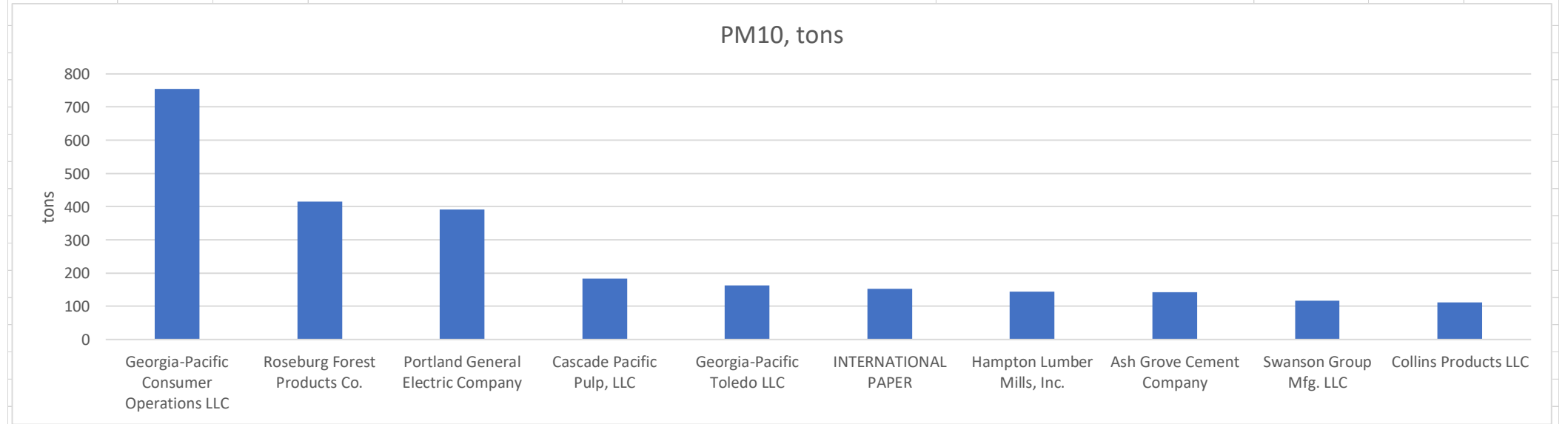
Lead

County	Agency	Facility ID	Company Name	Site Name	Pollutant	Emissions	Units	Data Set
Yamhill	ORDEQ	36-5034	Cascade Steel Rolling Mills, Inc	Cascade Steel Rolling Mills, Inc	Lead	1600	LB	2020NEI
Deschutes	ORDEQ		Bend Muni Airport*	Bend Muni	Lead	650	LB	2020NEI
Washington	ORDEQ		Portland-Hillsboro Airport*	Portland-Hillsboro	Lead	566	LB	2020NEI
Lincoln	ORDEQ	21-0005	Georgia-Pacific Toledo LLC	Toledo	Lead	480	LB	2020NEI
Clatsop	ORDEQ	04-0004	Georgia-Pacific Consumer Op	Wauna Mill	Lead	381	LB	2020NEI
Multnomah	ORDEQ	26-1865	EVRAZ Inc. NA	EVRAZ Inc. NA	Lead	381	LB	2020NEI
Multnomah	ORDEQ		Portland-Troutdale Airport*	Portland-Troutdale	Lead	380	LB	2020NEI
Marion	ORDEQ		Aurora State Airport*	Aurora State	Lead	294	LB	2020NEI
Yamhill	ORDEQ		Mc Minnville Muni Airport*	Mc Minnville Muni	Lead	284	LB	2020NEI
Columbia	ORDEQ		Scappoose Industrial Airport*	Scappoose Industrial Ai	Lead	265	LB	2020NEI
					sum of top 10	5282	LB	



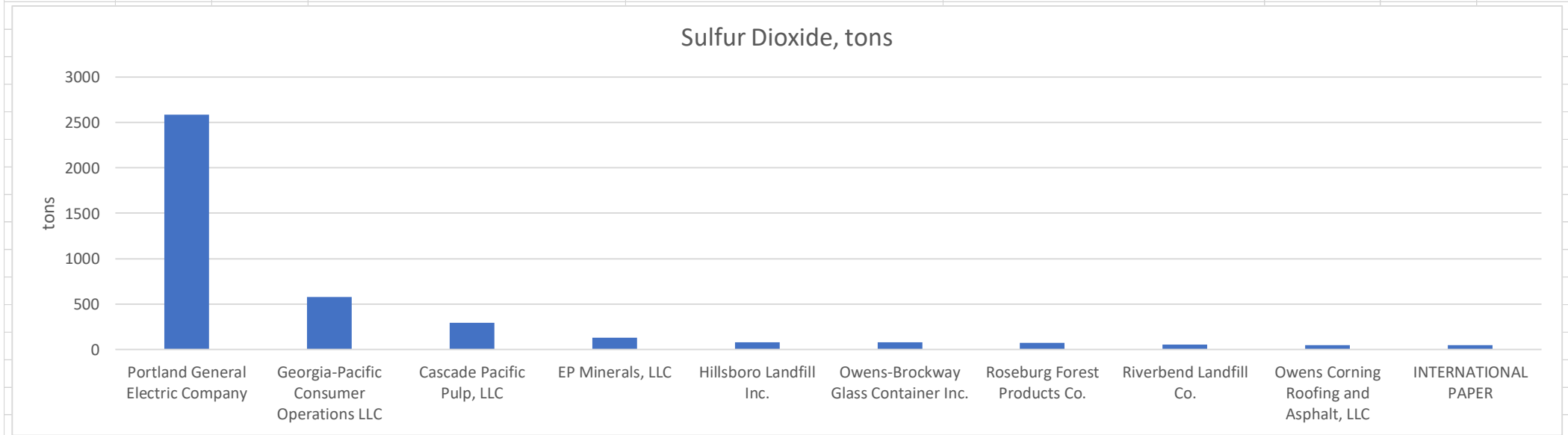
PM10

County	Agency	Facility ID	Company Name	Site Name	Pollutant	Emissions	Units	Data Set
Clatsop	ORDEQ	04-0004	Georgia-Pacific Consumer Operat	Wauna Mill	PM10 Primary (Filt + Cond)	754	TON	2020NEI
Douglas	ORDEQ	10-0025	Roseburg Forest Products Co.	Dillard	PM10 Primary (Filt + Cond)	415	TON	2020NEI
Morrow	ORDEQ	25-0016	Portland General Electric Compar	PGE Boardman	PM10 Primary (Filt + Cond)	391	TON	2020NEI
Linn	ORDEQ	22-3501	Cascade Pacific Pulp, LLC	Halsey Pulp Mill	PM10 Primary (Filt + Cond)	182	TON	2020NEI
Lincoln	ORDEQ	21-0005	Georgia-Pacific Toledo LLC	Toledo	PM10 Primary (Filt + Cond)	163	TON	2020NEI
Lane	LRAPA	20-8850	INTERNATIONAL PAPER	INTERNATIONAL PAPER	PM10 Primary (Filt + Cond)	153	TON	2020NEI
Clatsop	ORDEQ	04-0041	Hampton Lumber Mills, Inc.	Warrenton Sawmill	PM10 Primary (Filt + Cond)	144	TON	2020NEI
Baker	ORDEQ	01-0029	Ash Grove Cement Company	JS&H	PM10 Primary (Filt + Cond)	142	TON	2020NEI
Douglas	ORDEQ	10-0045	Swanson Group Mfg. LLC	Swanson Group Mfg., LLC	PM10 Primary (Filt + Cond)	117	TON	2020NEI
Klamath	ORDEQ	18-0013	Collins Products LLC	Collins Products LLC	PM10 Primary (Filt + Cond)	112	TON	2020NEI
					sum of top 10	2572	TON	



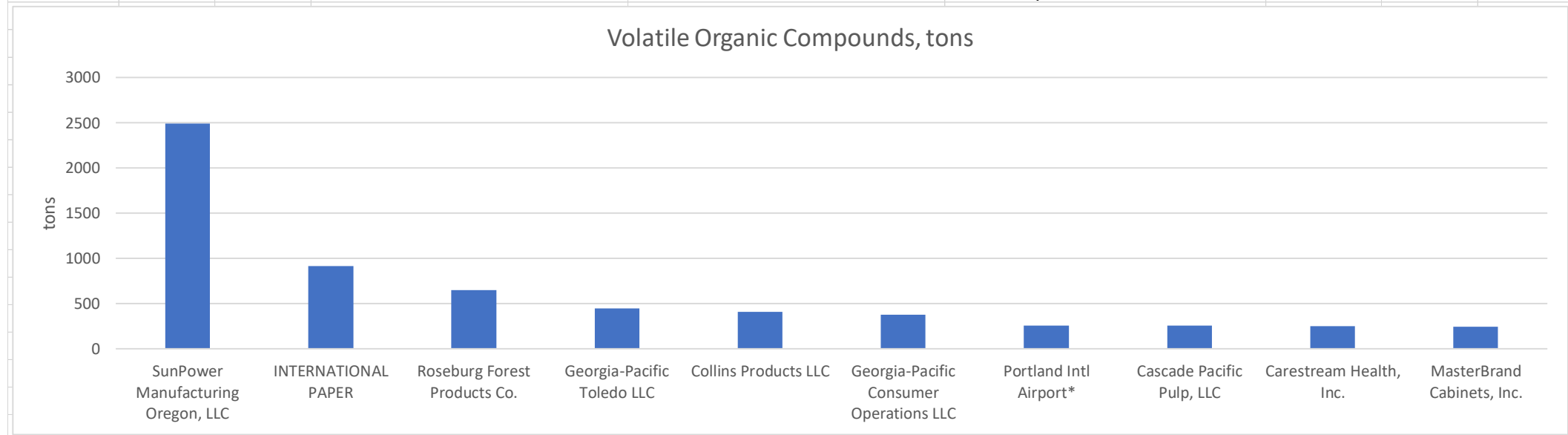
Sulfur Dioxide

County	Agency	Facility ID	Company Name	Site Name	Pollutant	Emissions	Units	Data Set
Morrow	ORDEQ	25-0016	Portland General Electric Company	PGE Boardman	Sulfur Dioxide	2585	TON	2020NEI
Clatsop	ORDEQ	04-0004	Georgia-Pacific Consumer Operations LLC	Wauna Mill	Sulfur Dioxide	574	TON	2020NEI
Linn	ORDEQ	22-3501	Cascade Pacific Pulp, LLC	Halsey Pulp Mill	Sulfur Dioxide	291	TON	2020NEI
Malheur	ORDEQ	23-0032	EP Minerals, LLC	EP Minerals, LLC	Sulfur Dioxide	127	TON	2020NEI
Washington	ORDEQ	34-0004	Hillsboro Landfill Inc.	Hillsboro Landfill Inc.	Sulfur Dioxide	78	TON	2020NEI
Multnomah	ORDEQ	26-1876	Owens-Brockway Glass Container Inc.	Owens-Brockway Glass Container Inc.	Sulfur Dioxide	76	TON	2020NEI
Douglas	ORDEQ	10-0025	Roseburg Forest Products Co.	Dillard	Sulfur Dioxide	73	TON	2020NEI
Yamhill	ORDEQ	36-0011	Riverbend Landfill Co.	Riverbend Landfill Co.	Sulfur Dioxide	54	TON	2020NEI
Multnomah	ORDEQ	26-3067	Owens Corning Roofing and Asphalt, LLC	Owens Corning Roofing and Asphalt, LLC	Sulfur Dioxide	45	TON	2020NEI
Lane	LRAPA	20-8850	INTERNATIONAL PAPER	INTERNATIONAL PAPER	Sulfur Dioxide	44	TON	2020NEI
					sum of top 10	3947	TON	



Volatile Organic Compounds

County	Agency	Facility ID	Company Name	Site Name	Pollutant	Emissions	Units	Data Set
Washington	ORDEQ	34-0010	SunPower Manufacturing Oregon	SunPower Manufacturing Oregon	Volatile Organic Compounds	2489	TON	2020NEI
Lane	LRAPA	20-8850	INTERNATIONAL PAPER	INTERNATIONAL PAPER	Volatile Organic Compounds	917	TON	2020NEI
Douglas	ORDEQ	10-0025	Roseburg Forest Products Co.	Dillard	Volatile Organic Compounds	647	TON	2020NEI
Lincoln	ORDEQ	21-0005	Georgia-Pacific Toledo LLC	Toledo	Volatile Organic Compounds	443	TON	2020NEI
Klamath	ORDEQ	18-0013	Collins Products LLC	Collins Products LLC	Volatile Organic Compounds	407	TON	2020NEI
Clatsop	ORDEQ	04-0004	Georgia-Pacific Consumer Operat	Wauna Mill	Volatile Organic Compounds	378	TON	2020NEI
Multnomah	ORDEQ		Portland Intl Airport*	Portland Intl	Volatile Organic Compounds	259	TON	2020NEI
Linn	ORDEQ	22-3501	Cascade Pacific Pulp, LLC	Halsey Pulp Mill	Volatile Organic Compounds	254	TON	2020NEI
Jackson	ORDEQ	15-0029	Carestream Health, Inc.	Carestream Health, Inc.	Volatile Organic Compounds	251	TON	2020NEI
Josephine	ORDEQ	17-0046	MasterBrand Cabinets, Inc.	MasterBrand Cabinets, Inc.	Volatile Organic Compounds	246	TON	2020NEI
					sum of top 10	6290	TON	



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