

Washington Mandatory Greenhouse Gas Reporting Program

Reported Emissions for 2012 – 2016

Certain large facilities and transportation fuel suppliers are required to report their greenhouse gas (GHG) emissions to Ecology beginning with the 2012 emissions year. Owners or operators of the following are required to report:

- Facilities that emit at least 10,000 metric tons of carbon dioxide equivalent (CO₂e) of greenhouse gases per year in Washington.
- Suppliers of liquid motor vehicle fuel, special fuel, or aircraft fuel that supply products equivalent to at least 10,000 metric tons of carbon dioxide per year in Washington.

The tables below contain data reported to Ecology as of March 1, 2018. The reported emissions are preliminary and have not been fully verified by Ecology. This information is subject to change. Emissions from one table should not be combined with emissions from other tables as there are different accounting methods and overlap of emissions between the tables.

- Table 1 includes information about each facility's onsite emissions.
- Table 2 includes emissions associated with the complete combustion or oxidation of products from petroleum product producers and natural gas distributors.
- Table 3 includes emissions associated with the complete combustion or oxidation of fuels supplied by transportation fuel suppliers under the Washington Department of Licensing Fuel Tax Program.

This dataset does not include all of Washington's emissions. See the Washington State Greenhouse Gas Emissions Inventory (<https://ecology.wa.gov/Research-Data/Scientific-reports/Statewide-greenhouse-gas-inventory>) for statewide emissions totals.

Table 1: Facility GHG Reporting Data

Name	Sector	2012 Total Emissions (MT CO ₂ e) ¹	2012 Biogenic Carbon Dioxide (MT CO ₂ e) ²	2013 Total Emissions (MT CO ₂ e) ¹	2013 Biogenic Carbon Dioxide (MT CO ₂ e) ²	2014 Total Emissions (MT CO ₂ e) ¹	2014 Biogenic Carbon Dioxide (MT CO ₂ e) ²	2015 Total Emissions (MT CO ₂ e) ¹	2015 Biogenic Carbon Dioxide (MT CO ₂ e) ²	2016 Total Emissions (MT CO ₂ e) ¹	2016 Biogenic Carbon Dioxide (MT CO ₂ e) ²
Agrium Kennewick Fertilizer Operations (KFO) - Kennewick	Chemicals	146,926	0	154,497	0	132,249	0	155,888	0	151,371	0
Air Liquide Hydrogen Plant - Anacortes	Chemicals	63,356	0	58,995	0	64,110	0	64,413	0	60,209	0
Alcoa Intalco Works - Ferndale	Metals	1,146,835	0	1,234,637	0	1,326,684	0	1,195,786	0	1,261,364	0
Alcoa Wenatchee Works - Malaga	Metals	306,333	0	318,542	0	354,692	0	331,207	0	898	0
Alon Asphalt Company - Seattle	Petroleum and Natural Gas Systems	15,138	0	14,336	0	16,004	0	13,688	0	14,096	0
Ardagh Glass Inc. - Seattle	Minerals	76,257	0	80,745	0	78,044	0	76,674	0	77,845	0
Ash Grove Cement Company - Seattle	Minerals	305,298	0	354,808	0	522,982	0	495,030	0	383,836	0
Avista Corporation - WA State DOE Reporting - statewide	Petroleum and Natural Gas Systems	20,992	0	16,127	0	16,420	0	22,858	0	21,120	0
Bio Energy Washington, LLC - Maple Valley	Power Plants	13,697	12,800	28,341	27,018	28,302	27,006	30,802	29,306	29,216	27,510
Biofuels Washington, LLC Landfill Gas to Energy Plant - Graham	Power Plants					22,121	22,008	19,534	19,435	20,288	20,184
Boeing Commercial Airplanes - Everett	Manufacturing	71,463	0	73,643	0	73,522	0	66,276	0	76,191	0
Boeing Commercial Airplanes - Fabrication (Frederickson Site) - Puyallup	Manufacturing	22,582	0	21,969	0	21,442	0	20,833	0	19,831	0

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Boise Cascade Wood Products, LLC. Kettle Falls Lumber - Kettle Falls	Wood Products	41,052	40,173	57,364	56,136	57,413	56,656	57,294	56,539	53,752	53,043
Boise Cascade Wood Products, LLC. Kettle Falls Plywood - Kettle Falls	Wood Products	68,360	64,637	71,766	68,156	71,978	68,949	71,151	68,501	73,564	70,714
Boise Paper - Wallula	Pulp and Paper	925,349	791,371	830,754	727,045	887,912	765,685	855,520	717,427	804,657	645,182
Bonneville Power Administration - WA Only - statewide	Power Plants	26,927	0	42,114	0	12,800	0	14,245	0	17,121	0
Boulder Park Generating Station - Spokane Valley	Power Plants	2,700	0	10,795	0	7,552	0	10,952	0	9,009	0
BP Cherry Point Refinery - Blaine	Refineries	2,223,518	0	2,552,655	0	2,301,576	0	2,093,437	0	2,418,086	0
Cardinal FG Company - Winlock	Minerals	92,619	0	103,294	0	103,267	0	105,474	0	107,574	0
Cascade Natural Gas Corporation LDC - statewide	Petroleum and Natural Gas Systems	12,622	0	12,940	0	13,506	0	22,852	0	23,616	0
Cathcart Landfill - Snohomish	Waste	27,653	0	23,893	0	22,454	0	23,520	0	17,417	0
Central Washington University - Ellensburg	Government	13,358	0	13,451	0	13,673	0	12,838	0	12,449	0
CertainTeed Gypsum - Seattle	Manufacturing	35,650	0	35,462	0	36,299	0	38,141	0	47,948	0
Cheyne Landfill - Zillah	Waste	30,500	0	31,807	0	33,147	0	34,450	0	35,837	0
ConAgra Foods Lamb Weston - Connell	Food Production	39,714	0	39,841	0	38,810	0	36,801	0	37,212	0
ConAgra Foods Lamb Weston - Pasco	Food Production	48,326	0	49,844	0	47,241	0	48,162	0	42,188	0

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ConAgra Foods Lamb Weston - Quincy	Food Production	39,693	0	39,846	0	38,324	0	37,922	0	40,468	0
ConAgra Foods Lamb Weston - Richland	Food Production	34,603	0	34,225	0	34,551	0	36,252	0	35,966	0
ConAgra Foods Lamb Weston/BSW - Warden	Food Production	17,141	0	18,227	0	17,384	0	16,271	0	18,099	0
Cosmo Specialty Fibers Inc - Cosmopolis	Pulp and Paper	1,186,972	1,150,934	1,105,362	1,078,626	1,185,707	1,152,820	1,170,393	1,144,912	989,316	963,065
Cowlitz County Headquarters Landfill - Castle Rock	Waste	121,597	659	129,060	556	154,619	1,205	190,202	2,097	178,854	7,724
Cowlitz County Landfill - Longview	Waste	18,322	0	19,709	0	10,826	0	4,533	0	17,254	0
Darigold - Chehalis	Food Production	13,981	0	13,349	0	13,643	0	14,732	0	12,457	0
Darigold - Lynden	Food Production	17,342	0	18,531	0	21,683	0	21,437	0	19,646	0
Darigold - Sunnyside	Food Production	22,078	0	18,764	0	18,321	0	21,372	0	31,480	0
Darling Ingredients Inc - Tacoma	Food Production									10,274	0
Easterday Ranches North Feedlot - Eltopia	Food Production	14,673	0	14,831	0	14,416	0	15,048	0	15,384	0
Easterday Ranches South Feedlot - Kennewick	Food Production	19,977	0	19,972	0	20,360	0	21,519	0	24,933	0
El Oro Cattle Feeders, LLC - Moses Lake	Food Production	25,363	0	21,558	0	22,875	0	25,752	0		
Emerald Kalama Chemical, LLC - Kalama	Chemicals	83,027	0	86,403	0	89,952	0	87,579	0	88,697	0
Enwave - Seattle	Power Plants	88,838	12,338	89,429	14,787	88,764	26,006	71,009	1,871	69,965	0
Fairchild AFB - Spokane Co.	Government	13,693	0	16,261	0	12,683	0	14,053	0	13,587	0

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Frederickson Power LP - Tacoma	Power Plants	139,140	0	328,068	0	271,639	0	496,752	0	330,385	0
Frito Lay - Vancouver	Food Production	14,802	0	15,212	0	16,325	0	15,923	0	16,373	0
Gas Transmission Northwest Compressor Station 6 - Rosalia	Petroleum and Natural Gas Systems	75,509	0	86,778	0	75,084	0	84,805	0	112,620	0
Gas Transmission Northwest Compressor Station 7 - Starbuck	Petroleum and Natural Gas Systems									19,809	0
Gas Transmission Northwest Compressor Station 8 - Wallula	Petroleum and Natural Gas Systems	88,029	0	100,354	0	81,465	0	111,325	0	120,375	0
Georgia-Pacific Consumer Products LLC - Camas	Pulp and Paper	753,084	579,127	701,351	535,824	656,981	488,880	663,149	502,054	599,199	420,749
Georgia-Pacific Gypsum LLC - Tacoma	Manufacturing	42,750	0	45,053	0	45,663	0	46,906	0	48,825	0
Goodrich Spokane Landing Systems, Carbon Products - Spokane	Manufacturing	35,570	0	27,974	0	30,646	0	31,264	0	33,555	0
Grant County Landfill 1 - Ephrata	Waste	36,858	0	38,883	0	38,613	0	40,606	0	42,711	0
Grays Harbor Energy Center - Elma	Power Plants	60,590	0	579,561	0	650,571	0	1,170,621	0	1,081,729	0
Great Western Malt - Vancouver	Food Production	19,560	0	18,365	0	18,814	0	18,273	0	17,085	0
H.W. Hill Landfill Gas Power Plant - Roosevelt	Power Plants	84,423	83,991	89,278	88,822	86,626	86,183	80,421	80,010	75,654	75,267
Hampton Lumber Mills Washington Inc. - Darrington	Wood Products	81,603	79,856	96,513	95,241	93,894	92,656	87,598	86,443	94,826	93,577

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Hampton Lumber Mills Washington Inc. - Morton	Wood Products	36,379	35,600	27,743	27,377	28,827	28,447	31,789	31,370	30,741	30,336
Hampton Lumber Mills Washington Inc. - Randle	Wood Products	50,381	49,302	52,575	51,882	56,286	55,544	54,461	53,743	63,442	62,606
Horn Rapids Sanitary Landfill - Richland	Waste	20,350	0	28,387	0	25,582	0	26,870	0	26,021	0
Horse Heaven Cattle Feeders, Inc. - Sunnyside	Food Production	16,999	0	9,182	0	8,463	0	11,142	0	10,949	0
Imerys Minerals Quincy Plant - Quincy	Minerals	22,288	0	22,556	0	21,865	0	19,541	0	18,201	0
Inland Empire Paper Company - Spokane	Pulp and Paper	36,152	17,985	28,038	18,131	27,841	17,801	29,097	17,730	29,252	17,803
Interfor US, Inc. - Port Angeles	Wood Products	35,950	35,181	41,745	40,851	45,263	44,666	42,807	42,243	43,768	43,191
J.R. Simplot Company - Moses Lake	Food Production	45,225	4,537	45,468	3,459	41,379	3,604	44,568	3,636	35,041	3,366
J.R. Simplot Company - Othello	Food Production	93,771	0	87,106	0	87,301	0	87,686	0	93,712	0
Kaiser Aluminum Washington, LLC (Trentwood Works) - Spokane Valley	Metals	108,364	0	110,966	0	114,924	0	117,856	0	122,424	0
Kettle Falls Generating Station - Kettle Falls	Power Plants	534,898	522,367	710,080	690,952	723,256	710,852	826,454	812,601	912,128	897,548
King County Solid Waste Cedar Hills Landfill - Maple Valley ³	Waste	99,258	0	65,974	0	69,056	0	74,823	0	77,624	0
Land Recovery Landfill Industrial - Graham	Waste	4,329 ⁵	0	49,567	0	57,749	0	83,094	0	115,122	0
Linde Gas North America LLC - Anacortes	Chemicals			41,885	0	53,751	0	59,516	0	55,127	0

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Linear Technology Corporation - Camas	Manufacturing	18,086	0	21,859	0	14,576	0	33,622	0	38,569	0
Longview Fibre Paper and Packaging, Inc/KapStone Kraft - Longview	Pulp and Paper	1,672,806	1,451,782	1,730,462	1,536,389	1,775,644	1,628,365	1,708,673	1,565,833	1,662,744	1,499,904
McCain Foods - Othello	Food Production	107,911	0	89,215	0	95,228	0	77,566	0	67,668	0
McKinley Paper Co. - Washington Mill - Port Angeles	Pulp and Paper	117,631	109,231	121,356	112,469	148,223	139,332	223,631	214,771	198,142	189,143
Michelsen Packaging - Yakima	Pulp and Paper	11,261	0	9,810	0	10,601	0	9,296	0	8,817	0
Moses Lake Facility of Basic American Foods - Moses Lake	Food Production	28,205	0	28,291	0	28,982	0	31,063	0	28,977	0
Naval Air Station Whidbey Island - Oak Harbor	Government	18,597	0	12,193	0	11,348	0	13,388	0	13,575	0
Naval Base Kitsap - Bremerton	Government	49,575	0	46,551	0	45,961	0	42,287	0	43,755	0
Naval Base Kitsap Bangor - Silverdale	Government	24,063	0	23,317	0	20,940	0	20,166	0	20,109	0
Nippon Dynawave - Longview	Pulp and Paper	1,681,296	1,296,860	1,552,924	1,193,366	1,584,157	1,183,045	1,502,988	1,143,229	1,560,766	1,219,693
North Pacific Paper Company, LLC - Longview	Pulp and Paper									37,298	0
Northwest Hardwoods Inc. - Centralia	Wood Products	13,136	7,186	12,243	5,693	15,486	14,061	13,572	13,448	7,212	7,122
Northwest Hardwoods Inc. - Longview	Wood Products	13,571	7,926	14,573	9,102	14,157	12,905	16,772	16,619	8,237	8,135
Northwest Hardwoods Inc. - Mount Vernon	Wood Products	12,606	8,698	11,897	7,985	12,739	7,742	11,648	7,714	10,017	6,055

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Northwest Pipeline C/S - Chehalis	Petroleum and Natural Gas Systems	13,030	0	8,637	0	6,521	0	29,670	0	27,923	0
Northwest Pipeline C/S - Goldendale	Petroleum and Natural Gas Systems	27,670	0	35,893	0	21,139	0	12,873	0	20,352	0
Northwest Pipeline C/S - Mount Vernon	Petroleum and Natural Gas Systems	29,203	0	27,886	0	48,020	0	65,776	0	69,093	0
Northwest Pipeline C/S - Snohomish	Petroleum and Natural Gas Systems	31,457	0	33,173	0	38,507	0	66,543	0	62,759	0
Northwest Pipeline C/S - Sumas	Petroleum and Natural Gas Systems	70,801	0	76,728	0	82,830	0	109,422	0	109,639	0
Northwest Pipeline C/S - Sumner	Petroleum and Natural Gas Systems	18,379	0	19,881	0	28,561	0	50,469	0	46,614	0
Northwest Pipeline C/S - Washougal	Petroleum and Natural Gas Systems	21,035	0	25,393	0	11,764	0	15,534	0	15,702	0
Northwest Pipeline Roosevelt C/S - Bickleton	Petroleum and Natural Gas Systems	21,802	0	28,675	0	10,856	0	13,756	0	9,799	0
Northwest Pipeline Willard C/S - Cook	Petroleum and Natural Gas Systems	19,671	0	27,866	0	9,442	0	12,443	0	7,520	0
Nucor Steel Seattle, Inc, - Seattle	Metals	124,468	0	128,708	0	166,109	0	115,173	0	97,810	0
Olympic Panel Products LLC - Shelton	Wood Products	86,196	83,660	112,322	103,334	66,658	64,616	41,324	40,641		

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Owens-Brockway Glass Container Inc Plant #02 - Kalama	Minerals							22,223	0	23,284	0
PacifiCorp Energy - Chehalis Generating Facility - Chehalis	Power Plants	371,646	0	678,982	0	1,062,012	0	445,152	0	591,615	0
Phillips 66 Ferndale Refinery - Ferndale	Refineries	800,100	0	769,015	0	765,906	0	747,276	0	767,043	0
Ponderay Newsprint Company - Usk	Pulp and Paper	51,816	49,551	50,424	48,181	53,646	51,117	44,680	41,661	46,201	42,235
Port Townsend Paper Corporation - Port Townsend	Pulp and Paper	614,401	523,000	555,704	478,000	562,963	501,477	572,693	503,134	489,961	422,794
Puget Sound Energy - Encogen Generating Station - Bellingham	Power Plants	51,680	0	132,778	0	105,650	0	143,119	0	103,713	0
Puget Sound Energy - Ferndale Generating Station - Ferndale	Power Plants	14,719	0	395,315	0	333,194	0	405,726	0	354,145	0
Puget Sound Energy - Frederickson Generating Station - Tacoma	Power Plants	30,729	0	34,538	0	24,413	0	17,052	0	30,296	0
Puget Sound Energy - Fredonia Generating Station - Mount Vernon	Power Plants	28,514	0	82,399	0	52,555	0	115,727	0	163,716	0
Puget Sound Energy - Goldendale Generating Station - Goldendale	Power Plants	325,690	0	544,866	0	387,312	0	551,705	0	385,284	0
Puget Sound Energy - Mint Farm Generating Station - Longview	Power Plants	433,875	0	633,493	0	508,640	0	685,789	0	433,451	0
Puget Sound Energy - Sumas Generating Station - Sumas	Power Plants	106,647	0	250,238	0	209,202	0	282,703	0	192,574	0

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Puget Sound Energy - Whitehorn Generating Station - Blaine	Power Plants	27,310	0	28,669	0	29,472	0	37,884	0	44,950	0
Puget Sound Energy LDC - statewide	Petroleum and Natural Gas Systems	61,475	0	61,069	0	60,382	0	58,610	0	58,711	0
Rainier Veneer, Inc. - Spanaway	Wood Products	16,320	15,151	17,218	15,915	19,578	18,728	17,378	16,036	17,294	15,416
REC Silicon - Moses Lake	Metals	150,819	0	140,681	0	142,533	0	114,372	0	70,588	0
REG Grays Harbor LLC - Hoquiam	Chemicals			11,058	0	11,832	0	13,806	0	18,051	0
River Road Generating Plant - Vancouver	Power Plants	327,201	0	668,345	0	553,919	0	708,077	0	569,033	0
Roosevelt Regional Landfill - Roosevelt	Waste	270,943	0	282,981	0	243,090	0	248,507	0	196,768	0
SDS Lumber Company - Bingen	Wood Products	89,907	87,886	94,606	92,488	61,131	60,327	34,173	33,650	105,113	103,730
Seattle-Tacoma International Airport - Seattle	Government	14,272	0	16,296	0	15,754	0	13,660	0	13,890	0
SEH America, Inc - Vancouver	Manufacturing	12,150	0	13,852	0	10,788	0	9,615	0	8,598	0
SGL Automotive Carbon Fibers LLC - Moses Lake	Manufacturing							12,338	0	6,836	0
Shell Puget Sound Refinery - Anacortes	Refineries	2,105,542	0	2,003,779	0	1,805,933	0	1,946,151	0	1,980,471	0
Sierra Pacific Industries - Aberdeen	Wood Products	241,202	234,001	246,845	240,941	253,642	250,021	249,544	245,941	220,243	215,642
Sierra Pacific Industries - Burlington Division - Mount Vernon	Wood Products	310,931	302,186	300,240	291,480	279,566	272,006	307,168	301,371	307,452	301,493

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Sierra Pacific Industries - Centralia	Wood Products	37,758	36,951	42,672	41,758	45,935	45,330	40,254	39,724	42,540	41,979
Simplot Feeders LTD. - Burbank	Food Production	29,167	0	26,027	0	25,867	0	29,065	0	23,349	0
Solvay Chemicals, Inc. - Longview	Chemicals	47,983	0	47,279	0	46,953	0	44,254	0	41,712	0
Sonoco Products Company - Sumner	Pulp and Paper	10,342	0	10,384	0	10,814	0	11,464	0	13,941	0
Spectrum Glass Company - Woodinville	Minerals	12,025	0	12,088	0	11,739	0	10,750	0	9,327	0
Spokane Waste to Energy Facility - Spokane	Waste	249,248	146,284	244,932	140,268	244,283	138,478	226,238	121,724	238,603	136,713
Star Forge LLC dba Jorgensen Forge - Tukwila	Metals	20,917	0	16,442	0	13,850	0	5,321	0	6,820	0
Starbucks Kent Flexible Plant - Kent	Food Production							13,542	0	14,382	0
Tacoma City Solid Waste Facility - Tacoma	Waste	31,986	0	26,643	0	20,396	0	14,812	0	14,513	0
Terrace Heights Landfill - Yakima	Waste	102,488	0	104,727	0	107,008	0	109,385	0	111,851	0
Tesoro Refining & Marketing Company LLC - Anacortes	Refineries	1,272,523	0	1,170,238	0	1,333,624	0	1,280,696	0	1,350,774	0
The Boeing Company - Auburn	Manufacturing	38,932	0	38,558	0	36,691	0	36,058	0	36,033	0
The Boeing Company - Renton	Manufacturing	17,868	0	19,419	0	18,512	0	17,191	0	17,578	0
The Boeing Company: Boeing Plant 2 - Seattle	Manufacturing	23,481	0	24,004	0	23,052	0	21,499	0	20,967	0
The Boeing Company: DC/MFC - Seattle	Manufacturing	15,766	0	15,665	0	15,276	0	15,614	0	14,859	0

Name	Sector	2012 Total Emissions (MT CO ₂ e) ¹	2012 Biogenic Carbon Dioxide (MT CO ₂ e) ²	2013 Total Emissions (MT CO ₂ e) ¹	2013 Biogenic Carbon Dioxide (MT CO ₂ e) ²	2014 Total Emissions (MT CO ₂ e) ¹	2014 Biogenic Carbon Dioxide (MT CO ₂ e) ²	2015 Total Emissions (MT CO ₂ e) ¹	2015 Biogenic Carbon Dioxide (MT CO ₂ e) ²	2016 Total Emissions (MT CO ₂ e) ¹	2016 Biogenic Carbon Dioxide (MT CO ₂ e) ²
TransAlta Centralia Generation LLC - Centralia	Power Plants	4,154,743	0	7,547,845	0	7,447,081	0	5,665,101	0	5,094,331	0
Tyson Fresh Meats, Inc. - Wallula	Food Production	52,155	0	65,305	0	77,161	0	74,580	0	88,363	0
U.S. Department of Energy Hanford Site - Richland	Government	14,865	0	14,615	0	15,792	0	15,494	0	14,174	0
U.S. Oil & Refining Co. - Tacoma	Refineries	165,457	0	169,124	0	171,612	0	128,434	0	135,324	0
University of Washington Seattle Campus - Seattle	Government	83,585	0	90,339	0	82,134	0	82,430	0	82,556	0
US Army Joint Base Lewis- McChord - Pierce Co.	Government	86,478	0	83,806	0	83,587	0	78,742	0	75,889	0
Vaagen Bros. Lumber, Inc. - Colville	Wood Products	44,170	43,738	52,730	52,036	49,542	48,889	44,422	43,836	41,269	40,725
Vertellus Performance Chemicals LLC - Elma	Chemicals	16,809	0	17,966	0	21,231	0	17,600	0	20,802	0
WaferTech LLC - Camas	Manufacturing	139,460 ⁵	0	140,759 ⁵	115	189,929	23	172,434	0	156,445	0
Washington State University - Pullman	Government	56,680	0	60,798	0	59,384	0	57,370	0	58,136	0
Waste Management Greater Wenatchee Regional Landfill - East Wenatchee	Waste	36,141	0	31,854	0	32,740	0	31,208	0	30,653	0
WestRock CP, LLC - Tacoma	Pulp and Paper	1,082,809	940,615	1,024,043	910,165	1,173,531	1,059,608	1,135,442	1,011,954	1,034,608	912,222
Weyerhaeuser Raymond Lumber - Raymond	Wood Products	45,768	44,790	47,339	46,369	48,445	47,806	46,229	45,632	46,747	46,747
City of Spokane Northside Landfill – Spokane ⁴	Waste	10,471	0	9,883	0						
Graymont Western US. Inc. - Tacoma ⁴	Minerals	86,850	0	92,862	0	60,625	0	76,402	0	42,728	0

Name	Sector	2012 Total Emissions (MT CO ₂ e) ¹	2012 Biogenic Carbon Dioxide (MT CO ₂ e) ²	2013 Total Emissions (MT CO ₂ e) ¹	2013 Biogenic Carbon Dioxide (MT CO ₂ e) ²	2014 Total Emissions (MT CO ₂ e) ¹	2014 Biogenic Carbon Dioxide (MT CO ₂ e) ²	2015 Total Emissions (MT CO ₂ e) ¹	2015 Biogenic Carbon Dioxide (MT CO ₂ e) ²	2016 Total Emissions (MT CO ₂ e) ¹	2016 Biogenic Carbon Dioxide (MT CO ₂ e) ²
Interfor US Inc - Tacoma ⁴	Wood Products	12,269	0	13,395	0	16,287	0				
Interfor US, Inc. - Forks ⁴	Wood Products	25,268	24,727	27,296	26,712	13,318	13,142				
Kimberly-Clark Corporation - Everett ⁴	Pulp and Paper	26,746	0								

All emissions in units of metric tons of carbon dioxide equivalents (MT CO₂e) per year.

1. Total emissions include both biogenic and non-biogenic emissions. Emissions are calculated using the global warming potentials (GWPs) in Table A-1 (<http://apps.leg.wa.gov/WAC/default.aspx?cite=173-441&full=true#173-441-040>) of Washington Administrative Code (WAC) 173-441. Ecology recalculated past reports when necessary to make all emissions values use the most recent GWPs from the IPCC's Fourth Assessment Report (AR4).
2. Biogenic emissions are limited to carbon dioxide emitted from the combustion of biomass-derived fuels like wood, ethanol, biodiesel, or biogenic natural gas. Biogenic emissions are already included in the reporter's total emissions and should not be added to their total emissions.
3. Ecology assigned an emissions value for this facility.
4. Facility has ceased reporting.
5. Reporting methodologies have changed, data significantly different than other reporting years.

Table 2: Product GHG Reporting Data

Name	Sector	2012 Total Emissions (MT CO ₂ e) ¹²	2013 Total Emissions (MT CO ₂ e) ¹²	2014 Total Emissions (MT CO ₂ e) ¹²	2015 Total Emissions (MT CO ₂ e) ¹²	2016 Total Emissions (MT CO ₂ e) ¹²
Avista Corporation LDC - WA - products	Natural Gas Distribution	1,022,672	1,090,313	1,045,152	944,207	986,191
Cascade Natural Gas Corporation LDC - products	Natural Gas Distribution	1,771,238	1,857,708	2,105,014	1,904,452	1,957,469
City of Ellensburg LDC – products ³	Natural Gas Distribution					37,262
City of Enumclaw LDC – products ³	Natural Gas Distribution					19,796
NW Natural LDC - WA - products	Natural Gas Distribution	464,382	478,029	460,139	435,304	460,425
Puget Sound Energy LDC - products	Natural Gas Distribution	6,020,591	4,729,988	4,373,998	5,494,773	5,828,197
BP West Coast Products - Cherry Point - products	Petroleum Product Production ⁴	12,131,561	16,295,147	15,907,609	14,814,558	14,764,814
Phillips 66 Fuel Supplier WA - products	Petroleum Product Production ⁴	7,838,530	7,783,678	7,943,932	7,920,039	8,194,151
Shell Puget Sound Refinery - products	Petroleum Product Production ⁴	9,760,829	7,725,732	9,383,127	9,765,886	8,623,090
Tesoro Anacortes Refinery – products ⁵	Petroleum Product Production ⁴	8,025,245	6,826,909	8,595,306	7,649,418	8,189,459
U.S. Oil & Refining Co. - products	Petroleum Product Production ⁴	4,042,076	3,664,834	3,152,222	3,165,093	3,904,614

All emissions in units of metric tons of carbon dioxide (MT CO₂) per year. Only CO₂ is reported.

1. Total emissions include both biogenic and non-biogenic emissions.
2. No biogenic emissions were reported.
3. Reporting began in 2016.
4. Petroleum product production is adjusted for exports.
5. Also includes voluntarily reported petroleum imports.

Table 3: Transportation Fuel Supplier GHG Reporting Data

Name	2012 Total Emissions (MT CO ₂) ¹	2012 Biogenic Carbon Dioxide (MT CO ₂) ²	2013 Total Emissions (MT CO ₂) ¹	2013 Biogenic Carbon Dioxide (MT CO ₂) ²	2014 Total Emissions (MT CO ₂) ¹	2014 Biogenic Carbon Dioxide (MT CO ₂) ²	2015 Total Emissions (MT CO ₂) ¹	2015 Biogenic Carbon Dioxide (MT CO ₂) ²	2016 Total Emissions (MT CO ₂) ¹	2015 Biogenic Carbon Dioxide (MT CO ₂) ²
Albina Fuel Co ³	38,837	1,272	38,462	0	32,794	0	12,749	13		
Ascent Aviation Group Inc	18,223	0	15,728	0	44,724	0	66,762	0	66,269	0
Associated Petroleum Products, Inc.	1,003,689	0	1,054,993	36,292	1,325,248	45,274	1,686,102	58,808	1,990,731	65,716
Avfuel Corporation	41,989	0	67,999	0	83,459	0	75,236	0	32,347	0
BP West Coast Products LLC	7,291,311	0	6,053,769	0	5,866,602	0	6,092,051	0	5,544,958	0
Chevron U.S.A. Inc.	2,921,033	180,260	3,096,698	190,620	3,154,826	193,502	3,093,693	190,217	3,079,994	190,121
CHS INC.	618,830	29,251	613,851	9,449	691,788	37,979	705,927	0	713,406	0
CityServiceValcon LLC	174,415	394	325,002	15,275	358,213	17,373	384,845	19,040	396,231	17,935
Connell Oil Inc ³	202,238	3,850								
Equilon Enterprises LLC dba Shell Oil Products US	3,115,901	163,141	3,566,781	0	3,813,545	0	4,523,704	0	5,292,512	0
ExxonMobil Oil Corporation	789,950	47,558	963,246	61,463	859,726	54,950	903,301	58,167	831,233	53,419
Hermes Consolidated, LLC dba Wyoming Refining Company ³	25,685	1,714	7,361	491						
HollyFrontier Refining & Marketing LLC ³			10,747	742	522	0	116	0		
IPC (USA), Inc.	198,273	0	321,387	0	395,591	0	33,803	0	14,772	14
PetroCard Inc. ³							529,844	0	191,708	7,558
Pettit Oil Company ³	697,411	34,092								
Phillips 66 Company	4,416,054	218,663	4,941,002	268,520	5,276,097	290,281	5,252,409	285,529	4,761,013	266,360
RPMG, Inc.	452,188	452,188	371,271	371,271	338,028	338,028	401,017	401,017	448,981	448,981
SEI Fuel Services, Inc.	381,994	25,484	358,202	23,907	396,729	26,479	312,704	20,572	346,741	20,812
Sinclair Oil Corporation	15,653	0	21,056	0	57,314	0	89,794	0	122,139	0

Name	2012 Total Emissions (MT CO ₂) ¹	2012 Biogenic Carbon Dioxide (MT CO ₂) ²	2013 Total Emissions (MT CO ₂) ¹	2013 Biogenic Carbon Dioxide (MT CO ₂) ²	2014 Total Emissions (MT CO ₂) ¹	2014 Biogenic Carbon Dioxide (MT CO ₂) ²	2015 Total Emissions (MT CO ₂) ¹	2015 Biogenic Carbon Dioxide (MT CO ₂) ²	2016 Total Emissions (MT CO ₂) ¹	2015 Biogenic Carbon Dioxide (MT CO ₂) ²
Southern Counties Oil Co Ltd	111,922	5,812	119,268	6,290	96,845	4,022	106,342	2,231	97,613	3,327
Targa Sound Terminal	81,445	27,441	19,092	7,800	19,757	6,378	14,436	8,114	17,924	8,021
Tesoro Refining & Marketing Company LLC	6,158,377	0	5,740,456	0	5,713,367	0	5,604,007	266,252	5,228,903	273,546
The Boeing Company	107,661	0	126,519	0	129,491	0	118,525	0	120,830	0
U.S. Oil & Refining Co.	1,159,448	0	1,175,482	0	1,310,797	0	1,292,825	0	1,288,944	0
United Parcel Service Co	62,859	0	47,767	0	50,987	0	50,052	0	56,975	0
UPS Fuel Services, Inc.	31,398	0	31,599	0	32,640	0	32,845	0	33,450	0
Valero Energy	162,579	10,502	126,614	8,077	111,391	7,758	110,012	6,829	33,485	2,205
Vitol Inc.	725,057	42,882	466,188	27,546	14,658	921	12,307	788	1,551	104
Western Petroleum Company	63,500	457	19,420	685	21,216	463	11,132	48	19,449	478
Wilson Oil Inc.	1,232,072	50,925	1,197,669	46,854	1,193,047	47,740	1,157,609	46,220	1,207,292	49,518
World Fuel Services, Inc.	262,127	4,796	235,658	5,443	242,219	5,476	326,040	5,479	401,673	5,634

All emissions in units of metric tons of carbon dioxide (MT CO₂) per year. Only CO₂ is reported.

1. Total emissions includes both biogenic and non-biogenic emissions.
2. Biogenic emissions are limited to carbon dioxide emitted from the combustion of biomass-derived fuels like wood, ethanol, biodiesel, or biogenic natural gas. Biogenic emissions are already included in the reporter's total emissions and should not be added to their total emissions.
3. Transportation fuel supplier has not reported in all years.