

ENVIRONMENT

Washington State Data Book

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REGISTERED RECREATIONAL VEHICLES

Department of Licensing | 360-902-3600 | <http://www.dol.wa.gov>

Calendar Year	Travel		Motor			Off Road ¹	
	Trailers	Campers	Homes	Motorcycles	Mopeds	Vehicles	Snowmobiles
1986	88,484	53,300	47,790	122,530	18,614	38,615	15,813
1987	87,787	52,002	50,040	119,726	19,261	39,001	17,922
1988	87,252	50,844	53,163	112,228	18,086	22,996	20,032
1989	86,704	49,615	55,832	108,082	16,956	34,919	17,280
1990	86,647	49,195	57,973	103,301	15,293	36,462	20,793
1991	86,386	48,675	60,375	100,970	14,062	39,358	20,414
1992	85,581	47,813	62,416	98,110	12,805	40,775	23,660
1993	85,420	46,858	64,813	96,539	11,427	40,271	22,521
1994	85,685	45,832	67,143	96,987	10,768	40,778	27,895
1995	84,590	44,025	68,112	95,047	10,070	40,654	24,558
1996	82,818	41,425	67,740	94,285	9,429	40,957	31,055
1997	82,480	38,911	68,029	95,212	8,608	42,372	27,833
1998	83,654	37,835	69,213	97,454	8,153	45,956	32,247
1999	82,586	36,175	65,223	97,990	7,775	51,043	31,532
2000	95,447	37,695	85,850	114,624	7,713	61,308	37,703
2001	104,358	36,101	80,207	120,288	7,752	70,144	38,140
2002	107,819	35,858	81,603	127,653	7,791	80,252	33,848
2003	106,993	34,711	83,370	140,416	6,837	88,880	38,346
2004	110,642	33,565	84,289	157,215	7,612	99,236	30,833
2005	112,356	31,983	82,136	172,244	8,046	99,392	35,638
2006	114,949	31,174	75,660	189,596	8,862	104,956	36,122
2007	117,990	30,090	75,155	203,935	8,986	109,690	35,362
2008	116,725	28,520	69,626	227,371	10,827	106,473	32,199
2009	117,391	28,105	70,533	224,596	9,818	100,290	31,606
2010	118,361	27,157	69,327	224,870	9,343	94,053	31,374
2011	119,166	26,118	66,962	230,216	9,529	88,184	26,592
2012	119,101	24,884	64,853	228,493	9,406	83,401	29,283
2013	122,780	24,365	65,137	227,066	9,066	82,141	23,851
2014	128,311	23,841	66,105	231,411	9,019	83,389	23,294
2015	137,583	23,673	68,249	239,139	8,973	83,337	23,292
2016	146,892	23,222	69,730	237,115	8,402	87,034	24,532

¹The off-road vehicle counts include off-road ATV and dual-use ATV (on/off road ATV).

Table: VT01

WASHINGTON STATE PARKS

State Parks and Recreation Commission | 360-902-8500 | <http://www.parks.wa.gov>

Calendar Year Attendance

Park, Location or Facility	2009	2010	2011	2012	2013	2014¹	2015	2016
Long Beach and Parks ²	3,150,000	3,475,000	2,766,629	3,113,777	2,814,830	3,456,156	3,724,497	4,763,161
Deception Pass	1,342,000	1,767,000	1,439,246	2,239,079	2,447,072	2,616,173	2,639,884	2,865,121
North Beach and Parks ³	4,066,000	4,039,000	2,207,587	2,826,749	3,179,697	2,724,851	2,168,599	2,896,005
San Juan Islands ⁴	2,313,000	1,306,000	1,098,663	1,325,442	1,294,900	1,428,011	1,529,208	1,615,829
South Beach & Parks ⁵	2,990,000	3,057,000	2,832,603	2,232,650	2,023,203	956,602	996,415	868,810
Linear Trail Parks ⁶	1,981,000	3,790,000	2,852,255	2,849,625	2,777,728	1,918,416	1,890,558	2,074,881
Fort Worden & Conference Center	1,334,000	1,345,000	1,040,132	1,111,901	1,069,218	1,084,876	994,855	1,313,458
Riverside	2,098,000	2,325,000	1,460,184	1,307,354	1,267,072	784,248	743,924	772,703
Lake Sammamish	4,317,000	1,817,000	1,251,478	1,486,021	1,683,685	1,551,801	1,008,867	885,819
Birch Bay	950,000	866,000	900,112	796,662	776,505	787,940	859,751	855,578
Sun Lakes and Resort	663,000	596,000	645,194	542,166	528,082	444,453	509,396	612,168
Larrabee	643,000	664,000	546,795	505,475	497,065	186,506	287,759	252,397
Fort Casey	761,000	690,000	667,182	914,548	725,119	480,858	609,849	624,778
Saint Edward	813,000	709,000	663,120	637,871	580,093	635,731	495,636	517,891
Twanoh	415,000	290,000	246,387	356,508	303,661	453,999	611,821	417,969
Millersylvania	520,000	507,000	484,752	313,878	232,257	186,226	214,089	266,296
Interpretive Centers ⁷	289,000	335,000	282,188	215,131	253,247	387,810	437,805	360,402
Retreat Centers	78,000	80,000	67,974	82,541	74,554	78,533	80,662	77,257
All Others	14,843,000	14,253,000	15,890,242	12,990,392	12,761,841	12,310,138	12,980,584	13,883,035
Total	43,566,000	41,911,000	37,342,723	35,847,770	35,289,829	32,473,328	32,784,159	35,923,558

Reservations

Central Reservation System	2009	2010	2011	2012	2013	2014	2015	2016
Parks Included	54	54	57	63	67	69	70	71
Internet Reservations	127,900	135,300	139,300	153,000	156,500	167,600	173,600	194,500
Call Center Reservations	42,900	36,000	32,100	23,900	22,300	20,600	22,400	21,500
Park Reservations	2,300	2,300	1,900	1,400	1,400	1,700	1,600	1,900

WASHINGTON STATE PARKS

State Parks and Recreation Commission | 360-902-8500 | <http://www.parks.wa.gov>

¹In calendar year 2014 State Parks began a multi-year effort to implement new processes and methods to improve attendance data collection. This includes replacement of old traffic counters with better technology. These efforts may contribute to yearly fluctuations in individual park's attendance data.

²Includes ocean beach and abutting state parks from Leadbetter Point to Cape Disappointment.

³Includes ocean beach and abutting state parks from Moclips to Damon Point.

⁴Includes all state parks located in San Juan County.

⁵Include ocean beach and abutting state parks from Westport to Tokeland.

⁶Includes rail-to-trail conversions operated by State Parks.

⁷Includes 15 designated facilities including Rothschild House, Goldendale Observatory and the Saint Helens Visitors Center.

Table: VT02

ATTENDANCE AT FEDERAL PARKS LOCATED IN WASHINGTON STATE

National Park Service | 206-220-4000 | <http://irma.nps.gov>

Visitors in Thousands

Calendar Year	Acres	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Ebey's Landing NHR ¹	19,333	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ft. Vancouver NHS	207	801.2	690.3	682.6	894.4	1,017.3	787.0	710.4	681.4	733.5	803.7	818.7	1,092.0
Klondike Gold Rush NHP	12,996	959.0	956.2	1,030.0	994.3	934.7	863.6	860.0	914.4	990.1	1,147.2	980.1	981.8
Alaska (Skagway) Unit	NA	888.3	903.1	975.0	935.9	880.5	797.7	795.2	854.3	928.2	1,085.2	919.7	912.4
Seattle Unit	NA	70.8	53.1	55.0	58.4	54.2	65.9	649.0	60.2	61.9	62.0	60.4	69.4
Lake Chelan NRA	61,946	29.8	35.2	34.7	25.1	34.6	39.2	43.8	40.8	37.3	35.4	32.2	45.5
Lake Roosevelt NRA ²	100,390	1,272.1	1,281.6	1,450.4	1,337.0	1,382.7	1,324.1	1,523.5	1,781.9	1,254.4	1,180.9	1,170.8	1,253.6
Mt. Rainier NP	236,381	1,173.9	1,113.6	1,047.7	1,163.2	1,151.7	1,191.8	1,038.2	1,049.2	1,148.6	1,264.3	1,237.2	1,356.9
Nez Perce NHP ³	4,565	152.4	155.8	225.6	207.3	176.2	193.0	286.3	233.1	297.0	221.4	225.0	269.9
North Cascades NP	504,781	18.7	19.2	19.5	18.7	27.0	24.7	19.2	26.9	21.6	23.9	20.7	28.6
Olympic NP	922,650	3,142.8	2,749.2	2,988.7	3,081.5	3,276.5	2,844.6	2,966.5	2,824.9	3,085.3	3,243.9	3,263.8	3,390.2
Ross Lake NRA	117,575	279.6	265.0	290.7	253.3	288.5	682.7	728.4	742.2	725.9	710.6	772.6	905.4
San Juan Island NHP	2,146	246.8	258.8	273.3	255.5	274.6	263.4	266.7	261.1	221.0	268.9	258.7	316.1
Whitman Mission NHS	139	55.8	52.8	49.3	53.4	52.6	58.5	57.6	60.8	57.7	58.5	39.5	50.1

¹Encompasses a mixture of federal, state, county and private property in Island County. There are two state parks and the town of Coupeville within the reserve. Ebey's Landing is a unit of the National Park Service but does not report visitation. One of the requirements of reporting visitation is that you can only report visitors that enter the lands directly administered by the NPS and all their land is jointly administered by different partnerships.

²Formerly Coulee Dam National Recreational Area.

³Nez Perce NHP consists of 38 sites in Idaho, Montana, Oregon, and Washington. The sites are a mixture of federal, local and private property. See the internet for the sites by state. Visitor information for entire NHP.

NHP: National Historical Park

NHR: National Historical Reserve

NHS: National Historical Site

NP: National Park

NRA: National Recreational Area

NA - Not Available.

Table: VT03

DEER AND ELK HUNTING

Department of Fish and Wildlife | 360-902-2200 | <http://wdfw.wa.gov>

Calendar Year	Deer			Elk		
	Licensed Hunters	Harvest	Estimated Population	Licensed Hunters	Harvest	Estimated Population
1988	181,937	46,166	400,000	80,608	8,958	52,000
1989	187,837	48,071	400,000	82,316	9,305	52,000
1990	195,324	NA	400,000	86,488	NA	52,000
1991	191,834	57,112	400,000	87,313	8,646	52,000
1992	211,111	55,297	400,000	89,367	8,875	52,000
1993	198,843	35,681	208,000	89,848	6,367	58,000
1994	190,205	47,002	208,000	84,895	9,967	58,000
1995	188,404	37,765	390,000	89,048	6,429	54,000
1996	181,119	39,442	390,000	84,473	6,953	54,000
1997	143,436	31,525	375,000	68,492	4,919	54,000
1998	153,927	30,253	375,000	73,752	5,858	54,000
1999	165,146	35,760	375,000	96,978	7,109	54,000
2000	163,902	40,976	375,000	101,176	8,278	54,000
2001	162,066	41,011	375,000	97,748	7,705	54,000
2002	159,521	38,770	375,000	97,444	8,116	54,000
2003	158,756	40,806	375,000	96,209	8,705	55,000
2004	161,104	44,544	375,000	98,542	7,361	58,000
2005	162,231	39,791	375,000	100,561	8,666	58,000
2006	165,436	37,579	375,000	103,395	7,151	58,000
2007	165,699	37,892	325,000	105,347	8,024	58,000
2008	167,967	35,118	325,000	107,915	6,826	58,000
2009	167,053	33,778	325,000	108,199	8,086	58,000
2010	156,481	33,391	325,000	102,350	7,060	58,000
2011	150,396	29,154	300,000	99,446	7,236	58,000
2012	142,657	33,917	300,000	94,590	9,162	58,000
2013	147,119	33,657	300,000	97,436	7,246	58,000
2014	143,590	35,216	300,000	94,881	6,966	58,000
2015	152,381	40,338	300,000	98,798	8,095	58,000
2016	151,891	35,919	300,000	99,242	7,094	58,000

NA - Not Available.

Table: VT04

SMALL GAME HARVEST

Department of Fish and Wildlife | 360-902-2200 | <http://wdfw.wa.gov>

Calendar Year	Pheasant¹	Grouse	Quail	Chukar Partridge	Gray Partridge	Rabbit²
1991	132,288	166,307	110,565	50,343	19,314	17,545
1992	164,595	194,218	122,398	31,051	17,316	22,194
1993	109,405	143,262	61,487	15,546	6,474	16,367
1994	131,787	160,797	84,500	23,751	11,335	18,054
1995	93,792	169,629	67,069	20,398	7,652	16,445
1996	134,505	134,605	84,602	33,055	21,873	15,237
1997	176,245	137,062	127,656	31,738	15,279	8,346
1998	155,499	140,997	107,689	32,274	18,151	9,666
1999	127,738	73,429	102,369	25,807	15,338	7,548
2000	131,701	148,193	131,789	26,913	18,119	9,601
2001	121,810	110,852	141,543	23,743	15,866	11,047
2002	99,410	138,585	133,796	25,505	8,822	13,013
2003	112,113	126,978	190,062	24,754	12,811	7,177
2004	95,802	107,858	162,444	20,655	7,111	10,025
2005	110,948	102,968	156,704	20,300	8,781	11,394
2006	113,899	131,435	147,431	21,290	5,591	7,447
2007	94,018	119,189	128,022	13,245	4,453	8,806
2008	87,024	101,685	90,505	11,279	3,200	7,546
2009	65,919	140,856	92,588	12,593	5,435	7,751
2010	57,590	92,756	92,631	8,771	6,479	9,674
2011	52,168	54,786	88,678	11,756	6,924	9,439
2012	50,453	51,746	82,218	9,799	8,008	6,120
2013	36,752	50,317	72,699	5,739	3,253	6,793
2014	41,407	57,814	70,498	6,538	4,355	6,767
2015	35,658	70,451	80,594	12,689	5,153	7,542
2016	65,195	56,852	69,782	9,960	3,420	4,609

¹Prior to 2016, pheasant totals only include these counties: Adams, Asotin, Benton, Chelan, Columbia, Douglas, Ferry, Franklin, Garfield, Grant, Kittitas, Klickitat, Lincoln, Okanogan, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman, Yakima. From 2016 forward harvest will include western Washington pheasant.

²Since 2011 rabbit numbers are cottontail only.

Table: VT05

SPORT FISHING STATISTICS

Department of Fish and Wildlife | 360-902-2200 | <http://wdfw.wa.gov>

	Sport Steelhead Catch		Sport Salmon Catch		
	Summer Run	Winter Run ¹	Marine Angler Trips	Marine	Freshwater
Calendar					
<u>Year</u>					
1991	62,874	59,878	1,171,239	789,754	153,719
1992	84,732	68,904	892,598	479,163	90,032
1993	67,567	39,044	1,010,030	451,819	147,542
1994	48,513	67,661	366,000	95,754	61,142
1995	61,413	37,806	583,000	334,074	190,158
1996	64,704	33,152	505,654	230,830	161,108
1997	55,654	13,374	553,774	229,868	98,220
1998	34,138	24,537	388,608	156,802	78,664
Fishing License					
<u>Year²</u>					
2003	85,612	43,844	583,740	460,792	349,824
2004	97,864	38,440	496,780	258,251	216,678
2005	63,823	28,420	509,703	249,087	202,324
2006	78,873	29,791	417,399	113,280	175,436
2007	78,549	23,942	575,057	311,436	234,301
2008	71,247	16,111	392,497	90,053	160,237
2009	135,155	33,217	603,401	486,823	588,115
2010	95,309	31,508	388,496	127,854	208,077
2011	105,215	48,933	497,772	318,894	587,982
2012	80,807	31,332	529,528	294,823	289,871
2013	60,418	25,909	561,006	384,387	741,407
2014	81,318	36,817	571,591	344,908	353,218
2015	89,503	38,428	633,018	514,531	533,162

¹Winter run includes fish caught November through April.

²The fishing license year is April 1 through March 31.

Table: VT06

TOXICS RELEASE INVENTORY TRENDS¹

Department of Ecology | 360-407-6000 | <http://www.ecy.wa.gov>

Millions of Pounds Released²

Calendar Year	Air	Water	Land	Total
1996	23.5	2.6	0.1	26.2
1997	21.7	2.3	0.3	24.3
1998	23.4	3.1	4.3	30.8
1999	20.7	3.1	2.4	26.2
2000	20.0	2.8	4.2	27.0
2001	14.8	2.1	5.2	22.1
2002	12.7	2.2	6.1	21.0
2003	12.8	2.1	6.4	21.3
2004	12.0	2.1	15.7	29.8
2005	10.1	2.3	21.1	33.5
2006	9.8	2.1	15.5	27.4
2007	8.9	1.3	15.8	26.0
2008	7.7	1.3	16.0	25.0
2009	7.0	1.6	5.3	13.9
2010	8.2	1.5	9.1	18.8
2011	8.7	1.8	4.7	15.2
2012	9.9	2.7	3.6	16.2
2013	9.7	2.3	4.7	16.7
2014	9.5	2.2	6.1	17.8
2015	9.1	2.2	10.6	21.9
2016	7.8	2.2	20.2	30.2

¹Based on required report under the federal Emergency Planning and Community Right-to-Know Act. The data are self-reported primarily from manufacturers, bulk storage facilities, certain utilities and mines, and federal facilities.

²Totals are on-site releases. They do not include amounts sent to the public waste water utilities or sent off-site for further treatment, recycling or disposal.

Table: VT07

PENALTY ASSESSMENTS

Department of Ecology | 360-407-6000 | <http://www.ecy.wa.gov>

Calendar Year	Air Quality ¹		Water Quality ^{1,2}		Hazardous Waste ¹		Oil Spills ³	
	Number	Initial Dollars Assessed	Number	Initial Dollars Assessed	Number	Initial Dollars Assessed	Number	Initial Dollars Assessed
1990	41	191,850	59	405,050	20	1,374,000	7	23,000
1991	25	161,100	69	604,775	23	1,406,000	7	44,500
1992	36	305,550	69	638,250	18	902,000	6	42,000
1993	11	91,500	43	244,400	11	657,500	3	148,000
1994	16	31,500	66	251,050	8	255,500	5	1,338,000
1995	17	104,330	43	301,400	3	163,000	10	57,250
1996	15	87,000	63	418,000	8	301,000	18	98,500
1997	26	233,445	98	883,500	5	140,500	10	30,500
1998	12	159,027	94	471,290	10	456,500	24	411,317
1999	41	258,928	169	924,784	13	646,450	48	628,927
2000	34	219,800	136	514,425	15	461,450	59	620,312
2001	5	22,350	64	161,250	8	383,000	53	528,621
2002	3	35,500	104	537,690	5	118,480	48	83,405
2003	2	2,500	83	143,925	2	49,000	39	584,242
2004	12	36,450	26	209,467	4	23,613	41	126,500
2005	12	58,690	35	368,181	6	200,593	49	780,500
2006	10	79,433	59	705,155	8	541,500	103	1,258,225
2007	10	141,000	46	1,180,381	4	146,000	95	566,868
2008	11	54,769	33	648,900	5	121,000	105	1,003,450
2009	13	94,418	54	599,098	6	552,500	103	836,507
2010	19	153,773	52	679,506	6	241,400	68	634,500
2011	17	91,938	55	261,000	3	100,200	84	380,675
2012	11	203,308	22	571,800	7	436,090	56	225,500
2013	14	40,943	27	235,500	7	418,000	66	652,700
2014	14	202,689	49	246,100	10	271,500	54	611,650
2015	16	166,350	35	317,307	6	342,000	48	333,705
2016 ⁴	22	176,200,975	30	230,000	5	713,000	51	290,600

¹Data for 2001 and after are based on "Programs" and do not represent all violations of a specific type. Penalty data subject to revision.

²Totals may include penalties including actions taken under RCW 90.48.080 or RCW 90.56.320.

³Oil Spills constitutes actions taken under RCW 90.48.080 or RCW 90.56.320.

⁴In 2016 Volkswagen received an unprecedented penalty.

Table: VT08

**OIL/HAZARDOUS MATERIAL SPILLS
RESOURCE DAMAGE ASSESSMENT**

Department of Ecology | 360-407-6000 | <http://www.ecy.wa.gov>

Calendar Year	All Hazmat/Oil Spills Reported¹	Number of Oil Spill RDAs²	Resource Damage Assessments Dollars Paid	Restoration Projects In Lieu of Cash Payments³	Number of Claims
1994	3,430	26	480,432.24	0	5
1995	3,340	28	77,511.11	1	5
1996	3,365	32	109,021.32	1	1
1997	2,876	25	72,305.98	3	0
1998	3,151	28	134,772.31	7	1
1999	3,450	28	65,114.51	5	1
2000	4,203	33	79,792.42	2	2
2001	4,620	38	174,731.10	3	1
2002	4,077	38	145,999.31	4	2
2003	4,169	30	179,420.00	4	5
2004	4,203	24	54,319.00	4	5
2005	3,841	24	21,629.23	2	9
2006	3,852	23	42,765.54	2	5
2007	3,615	35	53,302.48	2	8
2008	3,584	26	18,996.12	1	6
2009	3,707	23	32,805.06	3	5
2010	3,744	25	48,664.93	1	10
2011	3,734	36	194,649.52	3	8
2012	4,016	18	35,038.91	3	3
2013	3,685	21	73,114.36	2	2
2014	3,910	17	58,723.88	1	3
2015	3,973	23	20,140.56	3	8
2016	4,165	24	46,581.29	4	5

¹Includes all oil spills or incidents that are reported to the Department of Ecology Spills Program.

²Resource Damage Assessments are conducted for every oil spill over 25 gallons in size.

³Direct restoration projects may be substituted for cash payments.

Table: VT09

HAZARDOUS WASTE

Department of Ecology | 360-407-6000 | <http://www.ecy.wa.gov>

Waste in Tons

Calendar Year	2012	2013	2014	2015	2016
<u>Number of Hazardous Waste Reporters¹</u>	3,856	3,898	4,097	4,124	4,141
<u>Reported Hazardous Waste Generation</u>					
Recurrent ^{2,3}	247,234	215,322	147,748	150,159	141,121
Non-Recurrent ⁴	59,916	85,749	30,830	16,584	25,436
Total Generated Wastes	307,150	301,072	178,577	166,743	166,557
<u>Reported Hazardous Waste Received</u>					
From WA Generators Sent to a WA TSDR ⁵	16,453	25,117	19,269	16,406	18,847
From Out-of-State Generators Sent to a WA TSDR	11,063	10,394	14,252	11,707	10,116
Total Received Waste	27,516	35,511	33,521	28,112	28,964
<u>Special Categories of Generated Waste</u>					
Wastewaters Discharged Under a Permit by Rule (PBR) ⁶	16	371	51	150	5
Wastes Treated On-Site by the Generator (TBG) ⁶	21,745	21,741	29,007	27,389	27,011
Mixtures of Radioactive and Dangerous Waste ³	163,619	124,274	48,903	43,506	53,656
<u>Generated Waste by County⁷</u>					
Adams	3	3	2	12	3
Asotin	5	9	9	9	9
Benton ³	162,311	125,754	48,435	45,277	52,728
Chelan	4,174	4,064	4,462	5,282	1,214
Clallam	36	80	116	63	46
Clark	20,680	1,343	631	1,039	910
Columbia	0	0	3	1	2
Cowlitz	8,530	8,855	9,645	10,015	10,490
Douglas	2	3	3	31	2
Ferry	6	7	9	6	5
Franklin	414	556	255	594	161
Garfield	0	0	0	0	0
Grant	12,785	17,560	23,038	23,345	21,037
Grays Harbor	75	200	248	781	166
Island	79	77	84	80	136
Jefferson	92	37	346	83	25
King	52,855	46,256	35,993	34,208	34,675
Kitsap	4,436	1,132	4,603	2,044	5,943
Kittitas	6	6	3	5	11
Klickitat	104	2	2	7	2
Lewis	541	515	146	285	152
Lincoln	0	0	31	0	0
Mason	11	45	22	15	17
Okanogan	8	8	9	22	23
Pacific	7	22	0	0	0
Pend Oreille	427	85	31	48	39
Pierce	18,267	68,719	20,508	20,927	20,306
San Juan	0	0	0	0	0
Skagit	2,687	2,175	3,440	4,397	4,061
Skamania	0	0	0	16	0
Snohomish	8,503	7,644	15,949	5,063	6,375

HAZARDOUS WASTE

Department of Ecology | 360-407-6000 | <http://www.ecy.wa.gov>

Waste in Tons

Calendar Year	2012	2013	2014	2015	2016
Spokane	2,091	2,224	2,834	3,600	3,278
Stevens	8	8	44	31	12
Thurston	355	56	61	71	76
Wahkiakum	0	0	0	0	0
Walla Walla	51	717	45	64	59
Whatcom	5,913	10,996	6,133	8,321	3,622
Whitman	91	79	64	67	66
Yakima	1,597	1,838	1,375	935	907
<u>Generated Waste by NAICS Industry Group⁸</u>					
Chemical and Petroleum Products	16,832	15,219	19,506	20,249	19,843
Equipment (Machinery, Computer, Electrical and Transportation) Manufacturing	27,105	19,566	19,929	10,966	12,674
Lumber, Wood, and Printing	2,722	1,333	828	1,162	693
Primary and Fabricated Metals	35,555	42,982	49,651	49,038	37,331
Public Administration	13,935	2,396	5,818	2,484	4,799
Retail Trade	446	407	501	672	768
Services and Management ³	193,059	155,941	76,913	75,307	82,648
Transportation and Warehousing	12,310	54,062	454	594	1,020
Utilities	1,540	692	211	81	256
Wholesale Trade	580	3,474	806	1,131	392
Other NAICS Categories ⁹	3,069	5,002	3,961	5,064	6,136
<u>Managed Waste by Management Location</u>					
WA Generators Manage Own Waste On-site ^{3,10}	189,182	157,200	82,405	60,732	66,755
From WA Generators Sent to a WA TSDR ⁵	16,453	25,117	19,269	16,406	18,847
From WA Generators Sent to an Out-of-State	100,478	113,439	74,997	69,311	61,677
From Out-of-State Generators Sent to a WA TSDR	11,063	10,394	14,252	11,707	10,116

¹Count of Annual Reports required from active sites. Inactive site's dangerous waste activities have ended or dropped below regulated amounts.

²Process wastes or hazardous waster residuals from management of a previous waste.

³The U.S. Department of Energy Hanford, in Benton County, is identified as a NAICS Service industry.

⁴Demolition debris, spill materials, clean-up wastes, or waste that was received from off-site and transferred back off-site.

⁵Treatment, Storage, and Disposal (TSDs) and Recycling (Rs) Facilities receive and manage regulated wastes.

⁶Some wastes are counted as both Permit by Rule (PBR) and Treatment-by-Generator (TBG).

⁷All reported hazardous wastes, counts both recurrent and non-recurrent wastes.

⁸In 2017, Industry Groups in the US Census North American Industry Classification System (NAICS) were updated.

⁹Other NAICS categories also includes some wastes reported without any NAICS category.

¹⁰Generators that manage their own regulated wastes at their own site. Includes PBR and TBG wastes.

Note: Totals may not add due to rounding and possible counting across multiple categories.

Table: VT10

SHORELINE PERMIT HISTORY

Department of Ecology | 360-407-6000 | <http://www.ecy.wa.gov>

Calendar Year	Permit Category			Permits Denied		
	Total Development ¹	Variance ²	Conditional Use ³	By Ecology	By Local Government	
1992	1,312	983	132	197	5	34
1993	1,324	995	129	200	17	36
1994	1,144	858	125	161	15	23
1995	1,298	952	111	235	10	13
1996	1,143	841	107	195	5	18
1997	991	767	72	152	13	13
1998	1,013	769	70	174	11	10
1999	980	739	83	158	7	15
2000	892	636	85	171	10	21
2001	814	598	71	145	9	14
2002	740	536	82	122	3	11
2003	693	505	69	119	5	21
2004	769	564	70	135	6	0
2005	792	567	75	150	3	6
2006	802	599	66	137	6	4
2007	831	590	75	166	6	10
2008	814	575	70	169	7	21
2009	704	470	49	185	5	9
2010	660	441	75	144	5	13
2011	628	445	48	135	3	11
2012	626	439	56	131	2	11
2013	701	494	51	156	2	8
2014	692	465	70	157	4	8
2015	613	419	56	138	0	3
2016	669	439	82	148	0	3

¹Issued by local governments for development costing \$7,047 or more. Dollar threshold changed every five years.

²Issued to avoid unnecessary hardship created by unique site circumstances if local regulations were strictly enforced.

³Issued with special conditions to allow projects not normally permitted in a given environment (urban, rural, etc.).

Note: State and local governments regulate over 28,000 shoreline miles using the Shoreline Management Act of 1971.

Table: VT11

**CONSTRUCTION LOANS FOR
MUNICIPAL SEWAGE TREATMENT FACILITIES**

Department of Ecology | 360-407-6000 | <http://www.ecy.wa.gov>

Estimated \$ in Thousands

State Fiscal Year	Eligible Costs	Federal Share¹	State Share^{2,3}	Local Share⁴
1991	217,606	34,254	85,995	97,357
1992	96,199	43,362	30,980	21,857
1993	84,293	30,560	30,953	22,780
1994	105,048	46,415	35,043	23,590
1995	64,120	18,560	24,150	21,410
1996	75,510	23,360	30,360	21,790
1997	98,090	40,880	37,630	19,580
1998	101,386	32,958	44,834	23,595
1999	83,914	32,400	32,650	18,864
2000	59,883	22,794	28,107	8,982
2001	109,112	65,441	27,305	16,366
2002	108,687	75,855	29,751	3,081
2003	135,088	125,562	4,637	4,889
2004	97,156	78,862	16,033	2,261
2005	104,139	84,420	16,035	3,684
2006	81,253	63,702	12,848	4,703
2007	78,086	62,468	15,617	109,000
2008	70,627	56,501	14,125	71,142
2009	195,994	45,142	12,099	138,753
2010	211,204	107,590	10,541	93,073
2011	165,516	74,413	6,000	85,102
2012	126,083	84,863	8,039	17,090
2013	71,539	47,412	15,188	8,940
2014	126,532	87,467	25,640	13,425
2015	261,181	145,853	45,060	70,268
2016	233,677	108,871	36,054	88,751

¹Reflects state revolving fund loan program and principal and interest payments.

²For 1990 -1997 and 1999, includes the Centennial Clean Water Fund, Referendum 39, and state match for the State Revolving Fund program.

³For 1998 and 2000 and on, includes the Centennial Clean Water Fund, and state match for the State Revolving Fund program.

⁴For 2007 and on these reflect the unmet need per application.

Note: The majority of state funds since 1989 have been distributed per the Water Quality Capital Account established by the Legislature in 1986.

Table: VT12