

ENVIRONMENT

2011 Data Book

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REGISTERED RECREATIONAL VEHICLES

Source: Department of Licensing 360-902-3600

Internet Homepage: <http://www.dol.wa.gov/>

<u>Calendar Year</u>	<u>Travel Trailers</u>	<u>Campers</u>	<u>Motor Homes</u>	<u>Motorcycles</u>	<u>Mopeds</u>	<u>Off Road Vehicles</u>	<u>Snowmobiles</u>
1982	91,041	56,560	34,624	131,585	8,876	18,547	15,161
1983	91,201	56,841	38,159	127,869	10,918	25,094	14,959
1984	89,456	54,674	40,844	126,466	11,269	30,832	15,605
1985	86,310	53,391	43,773	124,957	13,122	34,738	17,020
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

Table: VT01

WASHINGTON STATE PARKS

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

Calendar Year Attendance

Park, Location or Facility	2002	2003	2004	2005	2006	2007	2008	2009	2010
Long Beach and Parks ¹	4,404,000	4,088,000	4,214,000	4,165,000	4,260,000	4,616,000	3,921,000	3,150,000	3,475,000
Deception Pass	2,703,000	2,832,000	2,894,000	2,535,000	2,168,000	2,208,000	1,674,000	1,342,000	1,767,000
North Beach and Parks ²	3,605,000	3,067,000	2,596,000	3,454,000	3,954,000	3,301,000	3,470,000	4,066,000	4,039,000
San Juan Islands ³	1,634,000	1,422,000	2,243,000	1,248,000	1,629,000	1,366,000	841,000	2,313,000	1,306,000
South Beach & Parks ⁴	2,012,000	1,802,000	2,131,000	1,901,000	1,961,000	1,810,000	3,731,000	2,990,000	3,057,000
Linear Trail Parks ⁵	1,922,000	2,237,000	2,052,000	2,019,000	1,899,000	2,211,000	2,074,000	1,981,000	3,790,000
Fort Worden & Conference Center	1,282,000	1,279,000	1,407,000	1,458,000	1,285,000	1,257,000	1,399,000	1,334,000	1,345,000
Riverside	1,278,000	1,499,000	1,368,000	1,446,000	1,164,000	1,834,000	1,908,000	2,098,000	2,325,000
Lake Sammamish	1,587,000	1,376,000	1,241,000	1,610,000	2,163,000	2,008,000	2,919,000	4,317,000	1,817,000
Birch Bay	920,000	820,000	955,000	910,000	837,000	772,000	844,000	950,000	866,000
Sun Lakes and Resort	995,000	918,000	949,000	837,000	518,000	511,000	633,000	663,000	596,000
Larrabee	932,000	973,000	745,000	758,000	881,000	756,000	912,000	643,000	664,000
Fort Casey	742,000	744,000	725,000	693,000	656,000	660,000	726,000	761,000	690,000
Saint Edward	643,000	646,000	618,000	655,000	734,000	690,000	802,000	813,000	709,000
Twanoh	586,000	504,000	606,000	589,000	454,000	588,000	561,000	415,000	290,000
Millersylvania	564,000	528,000	525,000	420,000	481,000	584,000	622,000	520,000	507,000
Interpretive Centers ⁶	446,000	645,000	367,000	337,000	347,000	298,000	297,000	289,000	335,000
Retreat Centers ⁷	86,000	100,000	101,000	92,000	93,000	79,000	84,000	78,000	80,000
Parks Transferred to Other Agencies ⁸	2,124,000	115,000	--	--	--	--	--	--	--
All Others	20,825,000	15,728,000	14,694,000	14,106,000	15,504,000	15,795,000	13,713,000	14,843,000	14,253,000
Total	49,290,000	41,323,000	40,431,000	39,233,000	40,988,000	41,344,000	41,131,000	43,566,000	41,911,000

Central Reservation System

	2002	2003	2004	2005	2006	2007	2008	2009	2010
Parks Included	54	51	51	52	54	54	54	54	54
Internet Reservations	35,800	47,000	59,000	69,000	79,100	91,800	99,700	127,900	135,300
Call Center Reservations	72,900	58,900	53,600	54,700	49,500	48,700	45,100	42,900	36,000
Park Reservations	4,200	2,900	2,900	2,700	2,800	7,700	8,100	2,300	2,300
Reserved Nights or Days Used	244,000	237,000	245,000	278,000	293,000	NA	NA	NA	NA

¹Includes ocean beach and abutting state parks from Leadbetter Point to Cape Disappointment.

²Includes ocean beach and abutting state parks from Moclips to Damon Point.

³Includes state parks in San Juan County.

⁴Include ocean beach and abutting state parks from Westport to Tokeland.

⁵Includes rail-to-trail conversions operated by State Parks.

⁶Includes 15 designated facilities plus Rothschild House and the Saint Helens Visitors Center.

⁷Formerly known as Environmental Learning Centers.

⁸Attendance while these parks were administered by State Parks.

NA - Not Available.

ATTENDANCE AT FEDERAL PARKS LOCATED IN WASHINGTON STATE

Source: U.S. Department of Interior, National Park Service, Seattle Regional Office (206) 220-4000
 Internet Homepage: <http://www.nps.gov/> and <http://www2.nature.nps.gov/stats>

Visitors in Thousands

Calendar Year	Acres	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ebey's Landing NHR ¹	19,333	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ft. Vancouver NHS	194	377.7	376.7	404.7	387.4	510.4	682.4	801.2	690.3	682.6	894.4	1,017.3	787.0
Klondike Gold Rush NHP	12,996	809.9	821.7	789.5	820.6	908.7	910.4	959.0	956.2	1,030.0	994.3	934.7	863.6
Alaska (Skagway) Unit	NA	693.9	697.1	713.4	754.4	844.6	843.6	888.3	903.1	975.0	935.9	880.5	797.7
Seattle Unit	NA	116.0	124.7	76.0	66.2	64.1	66.8	70.8	53.1	55.0	58.4	54.2	65.9
Lake Chelan NRA	61,949	50.1	51.8	42.5	40.6	35.5	42.5	29.8	35.2	34.7	25.1	34.6	39.2
Lake Roosevelt NRA ²	100,390	1,403.8	1,415.6	1,252.2	1,444.8	1,356.3	1,279.1	1,272.1	1,281.6	1,450.4	1,337.0	1,382.7	1,324.1
Mt. Rainier NP	236,380	1,291.4	1,344.8	1,301.1	1,310.4	1,262.4	1,217.8	1,173.9	1,113.6	1,047.7	1,163.2	1,151.7	1,191.8
Nez Perce NHP ³	4,570	187.3	146.0	159.4	205.9	199.3	187.2	152.4	155.8	225.6	207.3	176.2	193.0
North Cascades NP	504,781	21.5	25.7	27.7	20.7	20.7	16.9	18.7	19.2	19.5	18.7	27.0	24.7
Olympic NP	922,651	3,364.3	3,327.7	3,416.1	3,691.3	3,225.3	3,073.7	3,142.8	2,749.2	2,988.7	3,081.5	3,276.5	2,844.6
Ross Lake NRA	117,575	333.9	273.7	331.3	387.2	346.5	313.5	279.6	265.0	290.7	253.3	288.5	682.7
San Juan Island NHP	2,072	270.7	267.7	301.1	255.2	246.2	271.0	246.8	258.8	273.3	255.5	274.6	263.4
Whitman Mission NHS	139	75.0	67.0	64.7	61.3	56.0	56.2	55.8	52.8	49.3	53.4	52.6	58.5

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

Source: Department of Fish and Wildlife 360-902-2200

Internet Homepage: <http://www.wdfw.wa.gov/>

Calendar Year	Deer			Elk		
	Licensed Hunters	Harvest	Estimated Population	Licensed Hunters	Harvest	Estimated Population
1984	179,249	40,206	405,000	82,886	9,075	50,640
1985	180,614	40,487	420,000	82,132	8,970	52,000
1986	180,684	35,928	440,000	82,493	7,698	52,000
1987	172,981	40,262	400,000	78,405	7,842	52,000
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

NA - Not Available.

Table: VT04

SMALL GAME HARVEST

Source: Department of Fish and Wildlife 360-902-2200

Internet Homepage: <http://www.wdfw.wa.gov/>

<u>Calendar Year</u>	<u>Pheasant</u> ¹	<u>Grouse</u>	<u>Quail</u>	<u>Chukar Partridge</u>	<u>Gray Partridge</u>	<u>Rabbit</u>
1986	238,467	209,524	82,592	34,995	12,608	33,640
1987	217,677	238,206	110,925	66,504	22,146	30,106
1988	163,485	147,542	93,095	38,862	15,978	24,769
1989	185,798	201,825	115,673	40,023	16,597	36,024
1990 ²	*	*	*	*	*	*
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

¹Statewide 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.

²Survey of small game harvest not conducted.

Table: VT05

SPORT FISHING STATISTICS

Source: Department of Fish and Wildlife 360-902-2200

Internet Homepage: <http://www.wdfw.wa.gov/>

<u>Calendar Year</u>	<u>Sport Steelhead Catch</u>		<u>Sport Salmon Catch</u>		
	Summer Run	Winter Run ¹	Marine Angler Trips	Marine	Freshwater
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 Year²

1999	44,507	31,741	367,785	146,706	92,611
2000	72,389	32,495	426,127	209,375	191,805
2001	115,006	75,976	809,188	650,805	405,590
2002	108,329	32,130	485,673	245,055	306,424
2003	85,612	43,844	583,740	460,792	349,824
2004 ³	97,864	38,440	496,780	258,251	216,678
2005 ³	63,823	28,420	509,703	249,087	202,324
2006 ³	78,873	29,791	417,399	113,280	175,436
2007 ³	78,549	23,942	575,057	311,436	234,301
2008 ⁴	71,247	16,111	392,497	90,053	160,237

¹Winter run includes fish caught in April and November - March.

²Starting in 1999 data reporting has changed from calendar year to fishing license year. The fishing license year is April 1 through March 31.

³Revised.

⁴Preliminary data.

Table: VT06

TOXICS RELEASE INVENTORY TRENDS¹

Source: Department of Ecology 360-407-6000

Internet Homepage: <http://www.ecy.wa.gov/>

Millions of Pounds Released²

<u>Calendar Year</u>	<u>Air</u>	<u>Water</u>	<u>Land</u>	<u>Total</u>
1994	24.0	1.4	0.1	25.5
1995	24.8	2.9	0.1	27.8
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

¹Based on required report under the federal Emergency Planning and Community Right-to-Know Act. Reports are self-reported data 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

Source: Department of Ecology 360-407-6000

Internet Homepage: <http://www.ecy.wa.gov/>

<u>Calendar Year</u>	<u>Air Quality¹</u>		<u>Water Quality¹</u>		<u>Hazardous Waste¹</u>		<u>Oil Spills²</u>	
	<u>Number</u>	<u>Final Dollars Assessed</u>	<u>Number</u>	<u>Final Dollars Assessed</u>	<u>Number</u>	<u>Final Dollars Assessed</u>	<u>Number</u>	<u>Dollars Assessed</u>
1988	60	135,700	77	537,050	18	374,000	3	14,500
1989	54	159,600	87	794,250	31	596,500	3	45,000
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	65,143	59	505,139	8	338,600	59	653,225
2007	10	55,000	46	797,284	4	101,000	82	109,800
2008	11	49,269	34	606,863	5	121,000	92	566,800
2009	13	75,535	53	795,663	6	231,000	77	2,575,500
2010	19	142,672	49	474,453	5	206,280	38	128,500

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

²Oil Spills constitutes actions taken under RCW 90.48.080 or RCW 90.56.320.

Table: VT08

**OIL/HAZARDOUS MATERIAL SPILLS
RESOURCE DAMAGE ASSESSMENT**
Source: Department of Ecology 360-407-6000
Internet Homepage: <http://www.ecy.wa.gov/>

<u>Calendar Year</u>	<u>All Hazmat/Oil Spills Reported¹</u>	<u>Number of Oil Spill RDAs²</u>	<u>Resource Damage Assessments Dollars Paid³</u>	<u>Restoration Projects In Lieu of Cash Payments⁴</u>	<u>Number of Unpaid</u>
1992	3,917	4	26,324.90	0	0
1993	3,767	24	321,423.25	2	1
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

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

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

³Damages were assessed in compliance with WAC 173-183 after June of 1992.

⁴Direct restoration projects may be substituted for cash payments.

Table: VT09

HAZARDOUS WASTE

Source: Department of Ecology 360-407-6000

Internet Homepage: <http://www.ecy.wa.gov/>

Waste in Tons

Calendar Year	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
<u>Number of Hazardous Waste Reporters¹</u>	4,245	4,132	4,058	3,930	3,871
<u>All Reported Hazardous Waste Generation</u>					
Recurrent ^{2,10}	101,256	173,135	98,933	293,167	262,276
Non-Recurrent ³	39,977	40,499	84,962	62,018	55,398
Total Wastes	141,233	213,634	183,894	355,185	317,674
<u>Special Categories of Waste</u>					
Wastewaters Discharged Under a Permit by Rule (PBR) ⁴	55	69	140	256	57
Wastes Treated On-Site by the Generator (TBG)	17,509	11,739	13,552	10,323	21,909
Mixtures of Radioactive and Dangerous Waste ¹⁰	17,735	91,153	18,882	221,748	177,868
<u>All Reported Waste by County⁵</u>					
Benton ¹⁰	17,042	88,711	19,090	221,576	175,812
Chelan	2,099	1,454	1,732	2,000	4,833
Clark	7,348	8,572	4,272	10,475	1,369
Cowlitz	26,896	16,083	11,998	10,472	12,411
Franklin	26	29	21	135	51
Grant	669	8,154	6,492	6,996	16,149
King	44,200	52,192	84,217	37,589	55,716
Kitsap	3,830	4,753	2,905	3,452	3,994
Klickitat	1	8	4	24,115	19,307
Lewis	102	58	79	132	74
Pierce	18,948	13,019	22,345	23,040	20,033
Skagit	2,059	3,104	1,516	2,238	3,223
Snohomish	4,230	3,988	15,339	3,586	3,873
Spokane	1,589	3,874	2,130	2,861	5,312
Stevens	2	29	8	6	843
Thurston	943	287	62	175	47
Whatcom	10,578	8,290	9,831	4,770	7,708
Whitman	34	53	72	51	62
Yakima	249	485	1,182	790	2,027
All Other Counties	387	482	599	683	1,632
<u>All Reported Hazardous Waste by Industry Group⁶</u>					
Transportation and Warehousing	11,201	4,682	1,513	1,118	4,524
Utilities	158	194	147	236	148
Primary and Fabricated Metals	29,659	39,207	27,724	56,021	56,592
Chemical and Petroleum Products	22,018	16,570	18,763	16,764	18,913
Lumber, Wood, and Printing	3,349	1,448	7,008	1,278	2,565
Equipment Manufacturing	11,490	10,978	21,955	10,603	29,688
Wholesale Trade	1,495	764	1,067	1,602	673
Retail Trade	564	299	430	300	257
Services ¹⁰	51,755	130,297	90,887	253,183	208,587
Public Administration	4,778	5,322	3,537	7,860	6,154
All Other Industry Groups ⁷	4,764	3,864	10,862	6,175	6,373
<u>All Reported Hazardous Waste by Management Location</u>					
Generated and Managed at the same WA Site ^{8,10}	38,607	117,593	44,423	241,545	213,471
Generated in WA, Managed at WA State TSDR's ⁹	23,986	24,677	23,415	23,511	19,835
Generated in WA, Sent Out-of-State for Management	78,640	71,356	116,055	90,085	101,169
Imported from Other States for TSDR Management	12,497	14,878	14,913	11,550	11,501

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

HAZARDOUS WASTE

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

²Processes wastes or dangerous residuals from management of a previous waste.

³Demolition debris, spill materials, clean-up wastes, or waste that was received from off-site and transferred back off-site.

⁴Some Permit by Rule (PBR) wastes are also Treatment-by-Generator (TBG) waste.

⁵All reported hazardous wastes, including non-recurrent waste.

⁶In 2002 and 2007, Industry Groups in the US Census North American Industry Classification System were revised.

⁷All other industry groups include wastes reported without a NAICS category.

⁸Generators that manage their own regulated wastes at their own site. Includes PBR and TBG wastes.

⁹Treatment, Storage, and Disposal (TSDRs) Facilities receive regulated wastes for management.

¹⁰ U.S. Department of Ecology Hanford is identified as a service industry. DOE increased their rate of generation of mixed radioactive and dangerous waste over 1,000% between 2006 and 2010.

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

Table: VT10

SHORELINE PERMIT HISTORY

Source: Department of Ecology 360-407-6000

Internet Homepage: <http://www.ecy.wa.gov/>

Calendar Year	Permit Category				Permits Denied	
	Total	Substantial Development ¹	Variance ²	Conditional Use ³	By Ecology	By Local Government
1990	1,316	996	116	204	17	41
1991	1,366	1,011	130	225	15	38
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

¹Issued by local governments for development costing \$5,718 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

PERMITS BY SHORELINE ENVIRONMENT DESIGNATION

Source: Department of Ecology 360-407-6000

Internet Homepage: <http://www.ecy.wa.gov/>

<u>Calendar Year</u>	<u>Total Permits</u>	<u>Urban</u>	<u>Rural</u>	<u>Conservancy</u>	<u>Suburban</u>	<u>Aquatic</u>	<u>Natural</u>	<u>Other</u>
1990	1,245	523	287	301	38	64	6	127
1991	1,383	486	276	262	43	36	8	146
1992	1,303	340	226	243	47	45	13	250
1993	1,379	411	242	297	47	53	13	241
1994	1,145	368	192	231	40	39	12	157
1995	1,268	332	174	195	33	32	5	261
1996	1,108	283	140	170	23	12	4	261
1997	944	304	164	171	32	21	5	144
1998	998	289	165	189	32	31	10	131
1999	972	275	184	171	27	24	3	106
2000	877	249	158	118	14	12	5	202
2001	814	224	148	140	24	35	8	152
2002	717	169	117	127	11	24	8	161
2003	671	173	106	137	11	29	5	83
2004	775	214	105	129	20	36	9	116
2005	789	181	119	121	34	20	6	192
2006	781	180	121	105	26	27	7	217
2007	826	193	200	123	31	32	6	98
2008	811	191	206	123	31	35	5	39
2009 ¹	562	118	139	87	0	20	2	196

¹Collection of environment designations ended December 31, 2009. Since 1971, multiple local governments have used identically named environment designations. The regulations and development standards applicable in those environments were not the same and frequently changed. No meaningful comparison between identically named environments has ever been possible.

Note: A single project may occur in multiple Shoreline Environments. Shoreline environment designation definitions differ between jurisdictions.

Table: VT12

**CONSTRUCTION LOANS FOR
MUNICIPAL SEWAGE TREATMENT FACILITIES**

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

Estimated \$ in Millions

<u>State Fiscal Year</u>	<u>Eligible Costs</u>	<u>Federal Share¹</u>	<u>State Share^{2,3}</u>	<u>Local Share⁴</u>
1989	113,082	59,573	5,048	48,461
1990	131,503	36,852	39,898	54,753
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

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 2000-2006, 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 these funds are distributed per Referendum Bill 26 and Referendum Bill 39, approved by voters in the state general elections of 1972 and 1980, respectively. The majority of state funds since 1989 have been distributed per the Water Quality Account established by the Legislature in 1986.

Table: VT13