

Waste Types Reported Disposed in MSW Landfills 1992-2010

WASTE TYPES	1992 (Tons)	1993 (Tons)	1994 (Tons)	1995 (Tons)	1996 (Tons)	1997 (Tons)	1998 (Tons)	1999 (Tons)	2000 (Tons)	2001 (Tons)	2002 (Tons)	2003 (Tons)	2004 *** (Tons)	2005 (Tons)	2006 (Tons)	2007 (Tons)	2008 (Tons)	2009 (Tons)	2010 (Tons)
Municipal Solid Waste*	2,694,800	2,641,551	2,725,084	2,777,030	2,807,998	3,083,286	3,222,639	3,421,415	3,336,745	3,432,359	3,440,727	3,394,428	3,598,760	3,631,873	3,787,080	3,847,352	3,637,010	3,435,505	3,383,984
Demolition Waste	250,144	331,231	459,979	382,513	375,412	385,412	446,172	437,005	569,239	373,254	379,405	324,069	366,087	541,945	551,572	532,409	363,343	260,500	254,453
Industrial Waste	101,607	44,471	150,218	161,779	145,617	163,431	159,781	232,905	88,841	201,198	179,058	212,918	1,034,615	624,958	182,661	131,167	130,929	115,390	164,755
Inert Waste	1,027	0	31,248	5,154	30,061	117,512	107,452	23,875	19,349	26,376	17,092	2,635	1,705	15,780	15,842	22,491	11,055	6,387	6,672
Commercial Waste	143,466	180,691	92,498	142,258	109,093	173,863	158,256	129,070	93,752	66,391	99,048	93,036	--	--	--	-	-	-	-
Woodwaste	60,523	98,595	22,668	37,850	57,667	57,128	60,383	68,889	47,087	34,254	55,149	47,622	25,576	9,896	4,462	71	18	424	206
Ash (other than SPI)	na	na	na	na	na	na	na	na	na	na	na	na	3,444	2,857	2,432	3,959	2,102	1,096	1,907
Sewage Sludge	64,311	33,854	64,364	66,728	49,205	72,741	67,419	62,920	47,783	1,473	1,762	23,435	10,172	12,476	21,303	6,703	7,892	15,732	2,455
Asbestos	8,247	7,076	11,819	7,859	7,965	9,558	10,684	9,666	7,922	5,991	4,908	9,625	12,086	7,943	5,633	5,379	4,308	4,975	4,996
Petroleum Contaminated Soils	224,560	273,429	249,552	255,288	254,414	444,260	288,407	312,247	231,290	217,721	457,061	342,172	279,982	320,283	455,964	326,019	693,719	515,567	476,368
Other Contaminated Soils	na	na	na	na	na	na	na	na	na	na	na	na	49,454	212,692	224,608	295,930	119,711	232,673	391,868
Tires	na	1,288	1,815	28,712	12,787	14,912	19,130	12,581	43,188	8,567	5,776	9,512	7,462	6,942	8,525	11,797	13,162	8,151	9,750
Special	na	na	Na	na	10	6	904	0	437	917	567	0	0	0	0	-	-	-	-
Medical	na	na	na	na	na	na	na	na	239	387	372	2,459	2,565	2,576	2,721	2,805	2,932	2,907	12,109
Other**	12,053	113,869	69,371	136,644	233,526	10,809	40,880	28,235	173,711	156,131	103,636	110,364	114,204	127,121	135,206	167,933	171,366	176,581	168,720
TOTAL	3,560,738	3,726,055	3,878,615	4,001,815	4,083,755	4,532,918	4,582,107	4,738,808	4,659,582	4,525,019	4,744,561	4,572,275	5,506,112	5,577,342	5,398,008	5,354,005	5,157,547	4,775,887	4,878,241

* Some facilities include demolition, industrial, inert, commercial and other small amounts of waste types in the MSW total. Commercial is included in the MSW category for reporting since 2004.

** Some of the "other" types of waste reported include non-municipal ash, auto fluff and white goods.

*** Additional reporting categories were added to the 2004 reporting forms, including Ash (other than special incinerator ash) and Other Contaminated Soils. Commercial was combined with MSW.

Waste Types and Amount Disposed at Inert Landfills 1992-2010 (Inert/Demolition Landfills prior to 2004)*

WASTE TYPES (in tons)	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Demolition	750,627	168,066	157,758	103,903	133,469	262,793	180,268	173,088	259,255	211,901	243,593	95,008	28,967	39,701	89,595	89,457	-	-	-
Industrial	0	0	0	0	0	121	0	0	0	0	0	81,474	0	0	0	2,150	1,940	799	945
Inert	139,366	272,047	200,172	121,943	226,362	326,331	252,506	344,444	180,337	199,256	112,457	163,435	379,298	944,153	973,855	1,324,663	1,250,973	604,196	929,578
Wood	609	120	0	167	39	0	156	336	536	167	445	1,082	2,526	402	610	-	-	-	-
Asbestos	0	12	4	0	0	0	4	0	3	3	6	11	0	0	0	-	-	-	-
Ash (other than SPI)	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	0	7,989	7,497	7,052	7,680	6,320	5,311
PCS	0	16,233	19,179	18,295	846	10,285	60,545	17,265	34,742	319,105	120,159	131,872	66,260	215,286	91,399	277,812	-	-	-
Contaminated soils (other)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	81,074	28,363
Tires	0	500	0	0	33	618	449	414	471	765	257	664	0	0	0	-	-	-	-
Other	14,486	2,260	740	33,125	58,953	1	600	605	2,039	2,646	0	2,668	33,472	324,110	68,609	7,311	538	960	1,951
TOTAL (tons)	905,088	459,238	377,853	277,433	419,702	600,149	494,528	536,155	477,383	733,843	476,917	476,214	509,927	1,531,641	1,231,565	1,708,445	1,261,131	693,349	966,148

*Changes in facility regulations in 2003 (chapter 173-350 WAC, Solid Waste Handling Standards) changed the classification of Inert/Demolition Landfill to Inert Landfill with specific definitions of inert waste.

Waste Types and Amount Disposed at Limited Purpose Landfills 1992-2010

WASTE TYPES (in tons)	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Demolition	13,698	12,894	95,568	151,230	180,529	85,916	98,072	84,140	71,203	71,817	98,827	68,946	174,519	220,076	215,543	245,604	255,098	254,824	221,043
Industrial	194,689	17,680	212,008	315,930	371,496	277,419	225,779	262,021	278,224	325,114	282,747	325,863	262,560	420,285	257,297	173,992	149,978	113,636	157,960
Inert	44,572	37,274	104,419	138,577	141,759	109,174	112,714	136,352	205,902	202,577	195,303	157,431	36,155	53,597	39,928	48,784	100,115	27,335	43,322
Commercial	0	25,019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood	94,541	156,261	86,088	58,628	22,660	14,589	7,700	8,853	3,205	6,841	2,747	8,420	32266	21,494	19,629	11,702	18,210	11,608	8,823
Ash (other than SPI)	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	533,201	409,376	138,616	77,082	65,117	121,329	180,620
Sludge	0	0	21	0	0	2,275	0	1,103	0	0	0	0	0	0	0	460	460	460	-
Asbestos	0	0	226	797	512	1,310	1,058	1,549	1,654	1,282	1,311	1,302	1,581	1,624	1,420	1,374	1,614	2,313	2,357
PCS	0	99,360	82,279	148,932	98,221	121,066	56,407	8,837	7,159	13,222	9,888	4,890	20,399	224,064	32,836	20,656	11,398	75,275	96,639
Soils (uncon)	na	na	na	na	na	na	na	na	na	na	na	na	0	13,706	29,006	-	-	-	9,327
Tires	0	0	0	0	29,227	434	559	59	25	41	59	81	713	690	423	65	35	122	30
Other	35,615	59,259	60,642	40,797	65,675	83,600	124,607	66,833	79,291	24,698	14,402	19,737	13,708	23,022	25,390	21,210	21,038	17,673	18,830
TOTAL (tons)	383,115	407,747	642,251	874,116	910,078	695,783	628,896	569,747	646,662	645,592	605,284	586,670	1,075,102	1,387,934	760,088	600,928	623,063	624,575	738,952

Waste Types and Amount Disposed at Woodwaste Landfills 1992-2003*

WASTE TYPES (in tons)	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Demolition	57,328	20,775	0	8,600	18,780	17,718	21,313	25,121	32,182	31,559	21,275	23,995
Industrial	0	0	0	0	0	0	0	0	15,120	0	0	0
Inert	0	0	0	0	0	0	0	0	0	0	0	0
Wood	122,381	96,708	93,310	105,080	81,886	69,498	36,777	75,668	33,452	21,739	11,896	10,693
Sludge	0	0	0	0	0	0	0	0	0	0	0	0
Asbestos	0	0	0	0	0	0	0	0	0	0	0	0
PCS	0	0	0	0	0	0	0	0	0	0	0	0
Tires	0	0	0	0	0	0	0	0	0	0	0	0
Other	1,785	4,614	3,213	2,079	2,031	8,109	1,320	1,695	622	0	0	0
TOTAL (tons)	181,494	122,097	96,523	115,759	102,697	95,325	59,410	102,484	87,552	53,298	33,171	34,188

*Changes in facility regulations in 2003 (chapter 173-350 WAC, Solid Waste Handling Standards) eliminated the Woodwaste Landfill classification.

Tons of Solid Waste Incinerated 1991 – 2010 (in tons)

1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
78,200	424,387	431,928	421,626	397,588	365,464	551,006	396,778	461,684	554,780	496,152	311,474	303,978	327,837	335,533	326,584	312,006	297,832	277,101	288,208

Total Amounts of Solid Waste Disposed in Washington 1993-2010 (in tons)

DISPOSAL METHOD	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Municipal Solid Waste Landfills	3,726,055	3,878,615	4,001,815	4,083,755	4,532,918	4,582,107	4,738,808	4,659,582	4,525,019	4,744,561	4,572,275	5,506,112	5,517,342	5,398,008	5,354,005	5,157,547	4,775,888	4,875,010
Incinerated Waste	431,928	421,626	397,588	365,464	551,006	369,778	461,684	554,780	496,152	311,474	303,978	327,837	335,533	326,584	312,006	297,832	277,101	288,208
Woodwaste Landfills	122,097	32,625	115,759	102,697	95,325	59,410	102,484	87,552	53,298	33,171	34,188	*	*	*	*	*	*	*
Inert/Demolition Landfills	834,238	657,614	479,638	873,195	600,149	494,528	536,155	477,383	733,843	476,917	476,214	509,927	1,531,642	1,231,565	1,708,445	1,261,131	693,349	966,184
Limited Purpose Landfills	407,747	642,251	874,116	910,078	695,783	628,896	569,747	646,662	645,592	605,284	586,670	1,075,102	1,387,934	760,088	600,928	623,063	624,575	738,952
TOTAL	5,522,065	5,632,731	5,868,916	6,335,189	6,475,181	6,134,719	6,408,878	6,425,959	6,453,904	6,171,407	5,973,325	7,418,978	8,772,451	7,716,245	7,975,444	7,339,573	6,370,913	6,868,354

*Changes in facility regulations in 2003 (chapter 173-350 WAC, Solid Waste Handling Standards) eliminated the Woodwaste Landfill classification.