

How much e-waste is collected in states with electronics recycling laws?

Twenty five states have passed e-waste recycling laws, and all but two are based on “Producer Responsibility.” Only a few states report breakdowns by product type. Many states do not yet have 2011 data, (shown in white background) but this chart is updated regularly as data becomes available.

☑ means the item is collected for free recycling but the state doesn’t provide collection data by category. (Figures in purple estimated or annualized.)

Last updated: [May 3, 2012](#)

State	Year	Monitors	TVs	Computers	Laptops	Printers	Other Products See key below	TOTAL LBS COLLECTED	Notes	# Reg. Mfgs	Population ¹	Disposal Ban Effective Date	# sites	People per site ²	Lbs per capita ³			
California	Year 1	2005	☑	☑	not covered	☑	not covered	64,432,339		None, Mfgs don't participate	35,795,255	In 2002 & 2006			1.80			
	Year 2	2006	☑	☑	not covered	☑	not covered	126,635,482			35,979,208			3.52				
	Year 3	2007	☑	☑	not covered	☑	not covered	184,126,870	Portable DVD players with LCD screens added		36,226,122			5.08				
	Year 4	2008	☑	☑	not covered	☑	not covered	219,479,261			36,580,371			6.00				
	Year 5	2009	☑	☑	not covered	☑	not covered	185,126,848			36,961,664			5.01				
	Year 6	2010	☑	☑	not covered	☑	not covered	193,538,088			37,253,956		580 collectors	5.20				
	Year 7	2011	☑	☑	not covered	☑	not covered	196,367,615			37,691,912			5.21				
Connecticut	Year 1	2011	☑	☑	☑	☑	☑	Data not yet available		60	3,580,709	1/1/2011	123	28,604				
Hawaii	Year 1	2010	☑	Not until 2011	☑	☑	☑	3,235,432	Only IT in 2010	49	1,360,301				2.38			
	Year 2	2011	☑	☑	☑	☑	☑	Data not yet available			1,374,810							
Illinois	Year 1	Jan-Jun '10	3,324,947	4,674,583	2,771,516	Reported under Computers	1,689,124	1,159,071	30,183,168		52	12,830,632	2012	144	89,102	2.35		
			24%	34%	20%		12%	C,D,F, G, K, M, MP, S, V		Product list expanded mid year								
	Year 2	2011	7,400,690	10,919,327	5,203,174		2,983,568	2,824,400	29,331,159		62	12,869,257						2.28
			25%	37%	18%		10%	10%										
Indiana	Year 1	Apr 2010 – Mar 2011	☑	☑	☑	☑	not covered	F, K, DVD, V, E	Data not yet available		6,516,922	1/1/2011						
	Year 2	Apr 2011 – Mar 2011	☑	☑	☑	☑	not covered	F, K, DVD, V, E	Data not yet available									
Maine	Year 1	2006	1,205,726	2,954,848	not covered	Laptops reported under	not covered		4,160,574		1,317,308	7/20/06			3.16			
	Year 2	2007	1,393,775	3,290,682	not covered		not covered	4095 unk	4,688,552		1,314,963			3.57				
	Year 3	2008	1,421,399	3,853,020	not covered		not covered		5,274,419		1,319,691			4.00				

KEY to Other Products: C = Cell phone, CB = Converter box for TV, D = DVD player, DPF = Digital Picture Frames, E = E-Reader (Kindle, etc), F=Fax, G = Game console, K=Keyboard, M = Mouse, MP= MP3 player, S = Scanner, Sat = Satellite receiver or cable receiver, V= VCR

State		Year	Monitors	TVs	Computers	Laptops	Printers	Other Products See key below	TOTAL LBS COLLECTED	Notes	# Reg. Mfgers	Population ¹	Disposal Ban Effective Date	# sites	People per site ²	Lbs per capita ³	
	Year 4	2009	2,145,256	5,767,036	not covered		not covered		7,912,292			1,318,301				6.00	
	Year 5	2010	1,208,586	3,960,387	not covered		199,314	158 games	5,368,445	Printers, DPF, Games added for 2010		1,328,361				4.04	
	Year 6	2011	1,088,334	5,567,453	not covered		274,881	580 games	6,931,248			1,328,188				5.22	
Maryland		2006	Was a pilot program with limited funding. Permanent program estab. eff. Oct 2007											No ban			
	Year 1	2007	Volumes reported are from municipal (mostly county) collection programs that go beyond products covered by law (computers and displays). Manufacturer registration fees used as grants to reimburse some municipal costs (see box to right of total lbs.)						908,135	FY 07-08: Total includes 2.2 Million lbs pd by producers		5,634,242				0.16	
	Year 2	2008						12,610,690			5,658,655				2.23		
	Year 3	2009						17,393,976	FY 09-10: Total includes 9 million lbs paid for by producers		5,699,478				3.05		
	Year 4	2010						17,042,374			60	5,773,552			30	2.95	
	Year 5	2011						Data not avail.				5,828,289					
Michigan	Year 1	Apr- Sept 2010	☑	☑	☑	☑	No - Added in year 2		6,984,187	Only 6 months	27	9,883,640	No ban				
	Year 2	Oct 2010 – Sept 2011	☑	☑	☑	☑	☑		16,539,291	1 st full year	71	9,876,187				1.67	
Minnesota	Year 1	2007 - 08	☑	☑	☑	☑	☑	Fax, DVD, K,	33,600,000		79	5,191,206	7/1/06			6.47	
	Year 2	2008 - 09	☑	☑	☑	☑	☑		30,293,194		72	5,230,567			5.79		
	Year 3	2009 – 10	☑	☑	☑	☑	☑		34,700,000		71	5,266,214			6.59		
	Year 4	2010-11	☑	☑	☑	☑	☑		33,000,000		68	5,266,214			6.27		
Missouri	Year 1	2010	☑	not covered	☑	☑	not covered		2,239,736		20	5,988,927	No ban			0.37	
	Year 2	2011	☑	not covered	☑	☑	not covered		2,130,597		29	6,010,688				0.35	
New Jersey	Year 1	2011	☑	☑	☑	☑	not covered			Data not yet available		8,821,155	1/1/2011				
New York	Year 1	Apr 2011 – Mar 2012	☑	☑	☑	☑	☑	C, CB, D,E, F, G, K, M, MP, S, Sat, V		Data later in 2012	79	19,465,197	4/1/11 and 1/1/12				
North Carolina	Year 1	2009-2010	☑	☑	☑	☑	Not until Yr 2.	K, M, S as of July 2010	9,148,000		78	9,535,483	7/1/2011			.96	
	Year 2	July 2010 – June 2011	☑	9,547,240	☑	☑	☑ as of July 2010	Some local govt collection paid by OEM reg. fees	24,203,180	Only 9.3 M lbs collected by OEMs; 14.9 M by local govt	66	9,656,401				2.50	
Oklahoma	Year 1	2009	☑	not covered	☑	☑	not covered		817,277		15	3,687,050	No ban			0.22	

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	Year 2	2010	☑	not covered	☑	☑	not covered		2,554,632		36	3,751,351				1.47		
	Year 3	2011	☑	not covered	☑	☑	not covered		Not available	Info in July		3,791,508						
Oregon	Year 1	2009	6,144,774	10,817,023	2,031,941	Reported under computer	not covered		18,993,738			3,825,657	1/1/2010			4.96		
		%	32.40%	57.00%	10.70%		not covered											
	Year 2	2010	6,520,439	14,972,860	2,897,973		not covered		24,149,774					3,825,657		264	14,491	6.31
		%	27.0%	62.0%	12.0%		not covered											
	Year 3	2011	5,770,963	17,975,999	2,138,987		not covered		25,885,949					3,871,859				6.69
		%	22%	69%	8%		not covered											
Pennsylvania	Year 1	2012	☑	☑	☑	☑	☑	K		Data in 2013			1/1/2013					
Rhode Island	Year 1	2009	☑	☑	☑	☑	not covered		2,823,369		46	1,053,209	1/1/08			2.68		
	Year 2	2010	☑	☑	☑	☑	not covered		Not available			1,052,567						
	Year 3	2011	☑	☑	☑	☑	not covered					1,051,302						
South Carolina	Year 1	July 2011- Jun 2012	☑	☑	☑	☑	☑		Not available	Data in fall 2012			7/1/2011					
Texas	Year 1	2009	☑	not covered	☑	☑	not covered		15,247,207			24,782,302				0.62		
	Year 2	2010	☑	not covered	☑	☑	not covered		24,370,894			25,145,561				0.97		
	Year 3	2011	☑	not covered	☑	☑	not covered		20,535,271			25,674,681				0.80		
Vermont	Year 1	July 2011 – Jun 2012	☑	☑	☑	☑	☑	K. M		Data in fall 2012			1/1/2011					
Virginia	Year 1 partial	Jul – Dec 2009	☑	not covered	☑	☑	not covered		3,782,500	Actual 2Qs	37	7,882,590	No ban			0.96		
							not covered		7,565,000 ⁴	Annualized		(6 mos x 2)						
	Year 2	2010	☑		☑	☑	not covered		4,439,446 ⁵					7,882,590			0.56	
Year 3	2011	☑	☑	☑	☑	not covered		3,722,734			38	8,096,604			0.46			
Washington	Year 1	2009	12,287,734	22,350,612	3,910,328	Reported under computer	not covered		38,548,674			6,664,195				5.78		
		%	31.90%	58.00%	10.10%		not covered							NA ⁶				
	Year 2	2010	10,738,240	24,969,639	3,759,919		not covered		39,467,798				6,664,195		280	23,801	5.92	
		%	27.20%	63.30%	9.50%		not covered											
	Year 3	2011	9,327,309	29,257,341	3,608,388		not covered		42,193,038				6,830,038				6.18	
%		22.11%	69.34%	8.55%	not covered													
West Virginia	Year 1	2009-10	☑	☑	☑	☑	not covered		1,646,155	County data reported in FY (Oct- Sept) but Mfg data		1,819,777	1/1/2011			0.51		
Counties run programs partly funded by producer fees. Some producers operate own programs.							921,270 lb by counties 2009- 2010	724,435 lbs by mfgers 2009 Jan-Dec										

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	Year 2	2010-11	Counties run programs partly funded by producer fees. Some producers operate own programs.				896,222 lb by counties 2010-2011	1,342,323 by mfgers 2010 Jan - Dec	2,238,545			1,855,364					1.21
	Year 3	2011-12	Counties run programs partly funded by producer fees. Some producers operate own programs.				1,747,953 by counties 2011-2012	___ by mfgers Jan - Dec 2011									
Wisconsin	Year 1	Jan - Jun 2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	D, F, K, M, V	10,328,779	Only 6 months	69	5,686,986	9/1/10	329	17,286	3.63	
	Year 2	Jul 2010 - June 2011	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	D, F, K, M, V	35,470,000	First full year	82	5,711,767		400	14,217	6.21	

Comparing data between the states.

To make fair comparisons, it's important to know that these programs are not all accepting the same products, and some collect from more than just households. (See whose products are covered on our [chart summarizing laws](#).) For instance, the California program accepts e-waste from all entities – business, consumers, etc. CA experts estimate that at least half the volume there comes from business. So those numbers should be expected to be higher than states that are only collecting from residents.

For more information on state laws: <http://www.electronicstakeback.com/promote-good-laws/state-legislation/>

¹ Population stats through 2009 from US Census annual July estimates: <http://www.census.gov/popest/states/NST-ann-est.html> .

2010 Census data: <http://2010.census.gov/2010census/data/>

2011 Census data: <http://www.census.gov/popest/data/state/totals/2011/index.html>

² We divide total population by the number of regular collection sites (meaning those operating year round). Of course, one would need to look at the location of the sites to assess whether all areas of the state are covered, but this statistic provides a very general metric for comparing the number of sites offered between states.

³ Pounds per capita (pounds per person in the state) is used to compare collection volumes between states with different populations.

⁴ Program went into effect mid-year, so manufacturers were required to report only July – Dec 2009 collection totals. Because this was only 6 months of collection, we multiplied the volumes time 2 to estimate an annual amount (for comparison's sake). However, according to the Virginia Dept of Environmental Quality, some companies reported annual totals in their 2009 numbers. So our annualized 2009 number was likely overstated.

⁵ According to the VA DEQ, some companies have still not reported their 2010 numbers. We will revise this total, if these manufacturers report any volumes.

⁶ Washington did not include a statewide disposal ban in its law, but some counties have established disposal bans (including King County).

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