

TAKE IT BACK. MAKE IT GREEN. RECYCLE RESPONSIBLY.



## States Where You Can't Throw E-Waste Into the Trash

In some states in the US, it's perfectly legal for households and many small businesses to throw electronic waste in their trash. However, many states have enacted statewide bans on disposing some types of electronic waste in landfills and/or incinerators. Below is a list of these states, with links to their bill language or statutes. Note: sometimes disposal bans are enacted on a local (county or municipal) level, even if the state has no such ban. Those are not reflected in this list.

## **Quick Summary of Disposal Ban Laws**

| State            | What E-Waste is Banned from The Trash? |         |                          |                               | Effective<br>Date |   |  |
|------------------|--|---------|--------------------------|-------------------------------|-------------------|---|--|
|                  | Desktops                               | Laptops | CRTs – TVs<br>& Monitors | Flat Panel<br>TVs<br>Monitors | Printers          | Other<br>Products?                                    |  |
| California       | Yes                                    | Yes     | Yes                      | Yes                           | Yes               | Bans broad group of universal waste                   | 2002/2006  |
| Connecticut      | Yes                                    | Yes     | Yes                      | Yes                           | No                |   | 1/1/2011   |
| Illinois         | Yes                                    | Yes     | Yes                      | Yes                           | Yes               |   | 1/1/2012   |
| Indiana          | Yes                                    | Yes     | Yes                      | Yes                           | No                | Fax, DVD, VCR,<br>Computer<br>peripherals             | 1/1/2011   |
| Maine            | No                                     | No      | Yes                      | No                            | No                |   | 7/20/2006  |
| Massachusetts    | No                                     | No      | Yes                      | No                            | No                |   | 4/1/2000   |
| Minnesota        | No                                     | No      | Yes                      | No                            | No                |   | 7/1/2006   |
| New<br>Hampshire | No                                     | Yes     | Yes                      | Yes                           | No                | All video display devices                             | 7/1/07   |
| New Jersey       | Yes                                    | Yes     | Yes                      | Yes                           | No                |   | 1/1/2011   |
| New York State   | Yes                                    | Yes     | Yes                      | Yes                           | Yes               | Broad scope of products covered by the recycling law. | 2011 and<br>2012 for<br>businesses,<br>and 1/1/<br>2015 for<br>consumers |
| North Carolina   | Yes                                    | Yes     | Yes                      | Yes                           | No                | Keyboards, Mice                                       | 7/1/2011   |
| Oregon           | Yes                                    | Yes     | Yes                      | Yes                           | No                |   | 1/1/2010   |

| Pennsylvania   |     |     |     |     |     |  | 1/1/2013  |
|----------------|-----|-----|-----|-----|-----|--|-----------|
| Rhode Island   | Yes | Yes | Yes | Yes | No  |  | 1/13/2009 |
| South Carolina | Yes | Yes | Yes | Yes | Yes |  | 7/1/2011  |
| Vermont        | Yes | Yes | Yes | Yes | Yes |  | 1/1/2011  |
| Wisconsin      | Yes | Yes | Yes | Yes | Yes | Keyboards; fax<br>machines; DVD<br>players, VCRs | 9/1/2010  |

## **Details on Disposal Ban Laws**

| ARKANSAS                             |   |  |
|--------------------------------------|---|--|
| Date law was passed establishing ban | March 18, 2005  |  |
| Effective Date of Ban                | January 1, 2008 is when state is authorized to do this.<br>But further action is required by the state agency to<br>make this happen. See details below.  |  |
| Ban on Landfilling?                  | Yes   |  |
| Ban on Incineration?                 | No  |  |
| What Items are Banned?               | Computer and electronic equipment (not clearly defined)   |  |
| Details of the law                   | The bill authorizes the Arkansas Department of Environmental Quality to establish and implement rules and regulations banning the disposal of all computer and electronic equipment in Arkansas landfills   |  |
| Link to bill                         | http://www.arkleg.state.ar.us/ftproot/acts/2005/public/act970.pdf   |  |
| California                           |   |  |
| Date law was passed establishing ban | August 2001   |  |
| Effective Date of Ban                | 2002/2006   |  |
| Ban on Landfilling?                  | Yes   |  |
| Ban on Incineration?                 | No  |  |
| What Items are Banned?               | CRTs have been banned since 2001, as hazardous waste. As of February 2006, Universal Waste is also banned from the landfills. This includes "Electronic Devices" such as: televisions and computer monitors, computers, printers, VCRs, cell phones, telephones, radios, and microwave ovens. |  |

| Details of the law                   | California treats CRTs as hazardous waste, which make them ineligible to be sent to normal landfills.   |
|--------------------------------------|---|
| Link to statute                      | http://www.dtsc.ca.gov/LawsRegsPolicies/Title22/OEARA<br>REG_Title22_Ch23.cfm   |
| Connecticut                          |   |
| Date law was passed establishing ban | Was part of e-waste recycling bill (HB 7249) June 2007<br>Signed by Governor July 6, 2007   |
| Effective Date of Ban                | January 1, 2011   |
| Ban on Landfilling?                  | Yes   |
| Ban on Incineration?                 | Yes   |
| What Items are Banned?               | Items covered by e-waste law: TVs, monitors, personal computers, laptops  |
| Details of the law                   | On and after January 1, 2011, no person shall knowingly place a covered electronic device or any of the components or subassemblies of such device in any solid waste facility.   |
| Link to bill                         | http://www.cga.ct.gov/2007/ACT/PA/2007PA-00189-<br>R00HB-07249-PA.htm<br>See section 9.   |
| Link to statute                      | Not yet available. Public Act 07-189.   |
| Illinois                             |   |
| Date law was passed establishing ban | Sept 2008   |
| Effective Date of Ban                | 0/1/2012  |
| Ban on Landfilling?                  | Yes   |
| Ban on Incineration?                 | Yes   |
| What Items are Banned?               | Covered products: Computers, monitors, laptops, TVs, printers   |
| Details of the law                   | "Beginning January 1, 2012, no person may knowingly cause or allow the mixing of a CED, or any other computer, computer monitor, printer, or television with waste that is intended for disposal by burning or incineration." |
| Link to bill                         | http://www.ilga.gov/legislation/95/SB/PDF/09500SB2313   |
|                                      |   |

|                                      | lv.pdf   |
|--------------------------------------|--|
| Link to statute                      |  |
| INDIANA                              |  |
| Date law was passed establishing ban | May 13, 2009 (Part of e-waste recycling law)   |
| Effective Date of Ban                | Jan 1, 2011  |
| Ban on Landfilling?                  | Yes  |
| Ban on Incineration?                 | Yes  |
| What Items are Banned?               | "Covered electronic devices" from the e-waste law, which are: computer, peripheral, facsimile machine, DVD player, video cassette recorder, or video display device  |
| Details of the law                   | "After 2010, a covered entity may not knowingly do any of the following:  (1) Mix or allow the mixing of a covered electronic device or any other computer, computer monitor, printer, or television with municipal waste that is intended for disposal at a landfill.  (2) Mix or allow the mixing of a covered electronic device or any other computer, computer monitor, printer, or television with any waste that is intended for disposal by burning or incineration."  Covered entities are: households, schools, small business. |
| Link to bill                         | http://www.in.gov/legislative/bills/2009/HE/HE1589.1.ht ml   |
| Link to statute                      |  |

| Maine                                |               |
|--------------------------------------|---------------|
| Date law was passed establishing ban | 2004          |
| Effective Date of Ban                | July 20, 2006 |
| Ban on Landfilling?                  | Yes           |

| Ban on Incineration?                 | No   |
|--------------------------------------|--|
| What Items are Banned?               | Items containing a Cathode Ray Tube (CRT). No size restriction.  |
| Details of the law                   | A person may not dispose of a cathode ray tube in a solid waste disposal facility  |
| Link to bill                         |  |
| Link to statute                      | http://janus.state.me.us/legis/statutes/38/title38sec1306.h tml  |
| Massachusetts                        |  |
| Date law was passed establishing ban |  |
| Effective Date of Ban                | April 1, 2000  |
| Ban on Landfilling?                  | Yes  |
| Ban on Incineration?                 | Yes  |
| What Items are Banned?               | Cathode Ray Tubes: any intact, broken, or processed glass tube used to provide the visual display in televisions, computer monitors and certain scientific instruments such as oscilloscopes |
| Details of the law                   | Law makes it illegal for person to dispose of, or for landfill/incinerator/transfer station to accept CRTs for disposal  |
| Link to statute                      | http://www.mass.gov/dep/recycle/laws/bansreg.htm   |
| Minnesota                            |  |
| Date law was passed establishing ban | 2003   |
| Effective Date of Ban                | July 1, 2006 (In 2005, the legislature extended the deadline from July 2005 to July of 2006)   |
| Ban on Landfilling?                  | Yes  |
| Ban on Incineration?                 | No   |
| What Items are Banned?               | Electronic items containing CRTs   |
| Details of the law                   | Effective July 1, 2006, a person may not place in mixed municipal solid waste an electronic product containing a cathode-ray tube  |
| Link to bill                         |  |

| Link to statute <a href="http://www.revisor.leg.state.mn.us/stats/115A/9565.html">http://www.revisor.leg.state.mn.us/stats/115A/9565.html</a> |
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| New Hampshire                        |   |
|--------------------------------------|---|
| Date law was passed establishing ban | May 24, 2006  |
| Effective Date of Disposal<br>Ban    | July 1, 2007  |
| Ban on Landfilling?                  | Yes   |
| Ban on Incineration?                 | Yes   |
| What Items are Banned?               | Video Display Devices: devices which include a cathode ray tube, liquid crystal display, gas plasma, digital light processing, or other image projection technology, greater than 4 inches when measured diagonally   |
| Details of the law                   | No person shall dispose of any video display device in any solid waste landfill or incinerator in New Hampshire after July 1, 2007. Facility owners must post signs or otherwise notify customers of this restriction.  This bill also requires the department of environmental services to monitor the disposal of electronic waste. |
| Link to bill                         | 2006 HB 1455:<br>http://www.gencourt.state.nh.us/legislation/2006/HB1455.html   |
| New Jersey                           |   |
| Date law was passed establishing ban | January 15, 2008  |
| Effective Date of Ban                | January 1, 2010   |
| Ban on Landfilling?                  | Yes   |
| Ban on Incineration?                 | Yes   |
| What Items are Banned?               | TV, Monitor, Computer, Laptop   |
| Details of the law                   | "No person shall knowingly dispose of a used covered electronic device, or any of the components or subassemblies thereof, as solid waste."   |
|                                      | "Person" means an individual, trust firm, joint stock company, business concern, and corporation, including, but not limited to, a government department, partnership, limited liability company, or association.   |

| 12.1.1.1.120                         |  |
|--------------------------------------|--|
| Link to bill                         | http://www.njleg.state.nj.us/2006/Bills/A4000/3572 U1.H TM   |
|                                      | See section 16.  |
| Link to statute                      | Not yet available  |
| Link to statute                      | Not yet available  |
| New York City                        |  |
| Date law was passed establishing ban | April 1, 2008  |
| Effective Date of Disposal<br>Ban    | For manufacturers: July 1 2009<br>For everyone else, July 1, 2010  |
| Ban on Landfilling?                  | Yes  |
| Ban on Incineration?                 | Yes  |
| What Items are Banned?               | Products covered by the new e-waste law: computers, laptops, monitors, TVs, printers, keyboards, mice  |
| Details of the law                   | As of Jul 1, 2010 covered products may not be disposed as solid waste in the City.   |
| Link to bill                         | Int 728: <a href="http://webdocs.nyccouncil.info/textfiles/Int%200728-2008.htm?CFID=1002301&amp;CFTOKEN=19310844">http://webdocs.nyccouncil.info/textfiles/Int%200728-2008.htm?CFID=1002301&amp;CFTOKEN=19310844</a> |
| North Carolina                       |  |
| Date law was passed establishing ban | August 31, 2007 as part of omnibus solid waste bill.  Modified in 2008 and 2010  |
| Effective Date of Disposal<br>Ban    | July 1, 2011   |
| Ban on Landfilling?                  | Yes  |
| Ban on Incineration?                 | Yes  |
| What Items are Banned?               | Computer Equipment: Computers, Monitors, Laptops, Keyboards, Mice, Televisions.  |
| Details of the law                   | No person shall knowingly dispose of computer equipment that is solid waste into landfills or by incineration in an incinerator for which a permit is required under this the state solid waste laws.                |
| Link to bill                         | S1492 (Scroll down to section 15) <a href="http://www.ncga.state.nc.us/Sessions/2007/Bills/Senate/HTML/S1492v6.html">http://www.ncga.state.nc.us/Sessions/2007/Bills/Senate/HTML/S1492v6.html</a>                    |

| Oregon                               |  |
|--------------------------------------|--|
| Date law was passed establishing ban | June 7, 2007 as part of e-waste recycling bill (HB2626)  |
| Effective Date of Ban                | Jan 1, 2010  |
| Ban on Landfilling?                  | Yes  |
| Ban on Incineration?                 | No   |
| What Items are Banned?               | Desktop computer, laptop, TVs and monitors with diagonal screen sizes more than 4 inches.  |
| Details of the law                   | No person shall dispose of and no disposal site operator shall knowingly accept for disposal covered electronic devices at a solid waste disposal site.  |
| Link to bill                         | http://www.leg.state.or.us/07reg/measures/hb2600.dir/hb<br>2626.en.html See Section 15   |
| Link to statute                      | Not yet available. ORS 459.247   |
| Pennsylvania                         |  |
| Date law was passed establishing ban | Nov 23, 2010   |
| Effective Date of Ban                | Jan 1, 2013  |
| Ban on Landfilling?                  | Yes  |
| Ban on Incineration?                 |  |
| What Items are Banned?               | Covered devices:<br>TVs, monitors, computers, laptops, peripherals (keyboard, printer)   |
| Details of the law                   | No person may place in municipal solid waste a covered device or any of its components, excluding any nonhazardous residuals produced during recycling in any solid waste disposal facility.  An owner or operator of a solid waste disposal facility shall not be found in violation of this section if such owner or operator has: |

|                                      | (1) made a good faith effort to comply with this section; (2) posted in a conspicuous location at the facility a sign stating that covered devices or any of their components shall not be accepted at such facility; and (3) notified, in writing, all collectors registered to deposit solid waste to such facility that such devices or their components shall not be accepted at the facility. (c) DefinitionFor purposes of this section, "facility" shall have the same meaning given to it in section 103 of the act of July 7, 1980 (P.L.380, No.97), known as the Solid Waste Management Act. The term does not include a transfer station |
|--------------------------------------|---|
| Link to bill                         | http://www.legis.state.pa.us/cfdocs/legis/PN/Public/btCheck.cfm<br>?txtType=HTM&sessYr=2009&sessInd=0&billBody=H&billTy<br>p=B&billNbr=0708&pn=4465   |
| Link to statute                      |   |
| Rhode Island                         |   |
| Date law was passed establishing ban | July 2006   |
| Effective Date of Ban                | January 31, 2009  |
| Ban on Landfilling?                  | Yes   |
| Ban on Incineration?                 | No  |
| What Items are Banned?               | <ul> <li>desktop computers (including central processing unit or CPU)</li> <li>computer monitors, including CRT monitors and flat panel monitors</li> <li>portable computers (laptops)</li> <li>combination units (CPUs with monitors);</li> <li>CRT-based televisions and non-CRT-based televisions; and</li> <li>television (including plasma and LCD), or any similar video display device with a screen greater than four (4) inches diagonally and that contains a circuit board.</li> </ul>   |
| Details of the law                   | Law makes it illegal for any person to dispose of covered electronic products except by recycling or at a hazardous waste facility. It also makes it illegal for solid waste landfills or transfer stations to accept these electronic products. The ban applies both to whole units of covered electronic products, as well as to the constituent subunits   |

|                                      | and materials from which the units are made.   |
|--------------------------------------|--|
|                                      |  |
| Link to bill                         | http://www.rilin.state.ri.us/publiclaws/law06/law06365.ht  |
|                                      | <u>m</u>   |
| Wisconsin                            |  |
| Date law was passed establishing ban | Oct 23, 2009   |
| Effective Date of Ban                | Sept 1, 2010   |
| Ban on Landfilling?                  | Yes  |
| Ban on Incineration?                 | Yes  |
| What Items are Banned?               | TVs, monitors, laptops, desktops, printers, keyboards; fax machines; DVD players, VCRs (Devices covered by recycling law)  |
| Details of the law                   | No person may dispose covered electronic devices in a solid waste disposal facility, burn in a solid waste treatment center, or place in a container the contents of which will be disposed of in a solid waste disposal facility or burned in a solid waste treatment facility.  State Agency may add products to the disposal ban if disposal is deemed potentially harmful. |
| Link to bill                         | http://www.legis.state.wi.us/2009/data/acts/09enSB0107.pdf   |

## Doesn't Federal Law Keep E-waste Out Of Landfills?

Not exactly. The federal law that deals with disposal of solid and hazardous waste (the Resource Conservation and Recovery Act, or RCRA) says that CRTs (cathode ray tubes) are hazardous and therefore can't go in landfills, but then they exempt households and businesses who are "small quantity generators" from this rule. But they define "small quantities" at about 220 pounds **per month** of hazardous waste, which is a fairly high threshold.