



REPORT TO THE GENERAL ASSEMBLY

COVERED DEVICE RECYCLING ACT (CDRA) 2016

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2016 Annual Report

Covered Device Recycling Act

Overview

The Covered Device Recycling Act (CDRA), the act of November 23, 2010, P.L. 1083, No. 108, 35 P.S. §§ 6031.101 et seq., established a number of requirements for manufacturers, retailers and other entities to facilitate the recycling of electronic devices covered under the CDRA. Covered devices include: **desktop computers, laptop computers, computer monitors, tablets, computer peripherals, televisions and e-readers that contain a browser and have Internet connectivity.**

The CDRA established a manufacturer responsibility program with the objective of offering a readily available recycling opportunity to Pennsylvania citizens. The CDRA requires manufacturers to collect and recycle an amount equal to or greater than their two-year prior sales in pounds of covered devices, and it bans the disposal of covered devices in landfills.

Reporting Requirements

Section 502 of the CDRA requires the Department of Environmental Protection (DEP) to provide an annual report to the General Assembly that includes:

- The total weight of covered devices collected in the Commonwealth during the previous calendar year.
- A complete listing of all manufacturers' collection, transportation and recycling programs and collection sites operating in the Commonwealth during the prior calendar year, the parties that operated them and the amount of material by weight collected at each site.
- An evaluation of the effectiveness of the education and outreach program.
- An evaluation of the existing collection and processing infrastructure.
- Recommendations for expanding the program to include additional electronic devices.

2016 Report Information
35 P.S. § 6031.502.

The following information is provided to meet the reporting requirements of Section 502.

The total weight of covered devices collected in the Commonwealth during the previous calendar year.

In 2016, there were **62.7** million pounds of covered devices recycled by 55 manufacturers. This is similar to the 62.3 million pounds recycled by 61 manufacturers in 2015.

Nine companies failed to meet their obligation under the act, resulting in an estimated 1.7 million pounds of covered devices that were not collected.

A complete listing of all manufacturers' collection, transportation and recycling programs and collection sites operating in the Commonwealth during the prior calendar year, the parties that operated them and the amount of material by weight collected at each site.

A complete listing of collection, transportation and recycling programs and sites operating in the Commonwealth are provided in Appendices A through C. Because collection sites are not required by law or regulation to operate and maintain scales, the amount of material collected at each site is unavailable.

An evaluation of the effectiveness of the education and outreach programs.

In general, local governments have done an excellent job of publicizing electronics collection programs. DEP recommends that manufacturers and retailers continue to expand their education programs to emphasize where covered devices can be recycled and ensure collection sites are reasonably available to citizens throughout the year. In particular, manufacturers should create and maintain a telephone hotline for citizens to learn where they can recycle material, or why there is no viable option available.

An evaluation of the existing collection and processing infrastructure.

Issues continue with the collection and processing infrastructure necessary to implement the CDRA. DEP continues to work with the operators and managers of recycling collection programs to evaluate the existing collection and processing infrastructure. The same concerns DEP has heard previously are more prevalent due to the absence of reliable funding, low market values for materials, and the uncertainty of having the collected material covered by a manufacturer's plan.

The CDRA has not stimulated a dependable statewide infrastructure to ensure local governments, collectors, and recyclers are able to operate and provide recycling services on a continuing basis. Collection infrastructure is especially challenging because recyclers are hesitant to contract with counties as some collected electronics are not covered by manufacturers' goals.

Televisions and computer monitors that contain cathode ray tubes (CRTs) continue to be problematic for recycling due to the leaded glass in the CRTs, absence of low-cost recycling technology, and limited number of CRT processors. The high cost of transporting CRTs to processors and the actual processing cost is greater than the value of the material recovered, which makes those devices a negative value commodity. In response, some entities have reduced, limited, or eliminated CRTs from collection programs as illustrated in Appendix D. Nevertheless, the demand for opportunities to recycle old televisions continues to be high. Reports indicate that, by weight, 70 to 80 percent of the materials available for recycling are CRT-containing electronics, such as televisions.

Efforts to explore new technologies for processing CRT glass are ongoing; however, none have yet to be successfully deployed. Industry experts indicate that sufficient recycling opportunities exist to recycle CRT glass, provided the customer is willing to pay the going rate. An end market in Spain reportedly accepts any type of CRT glass at no cost provided the customer pays shipping costs.

The CDRA requires manufacturer programs to provide recycling access to 85 percent of the population; however, the landfill ban prohibiting the landfilling of covered devices applies to 100 percent of the population. These provisions in the CDRA continue to result in a confounding situation for citizens that may have limited or no opportunities for recycling, but are faced with a landfill ban on the material they wish to discard. In 2017 Pennsylvania Recycling Markets Center (RMC) analysis reported collection infrastructure has diminished to the point of only 30 collection sites in the entire Commonwealth that take covered devices without restriction, which is two fewer sites than in 2015. According to this analysis, provided as Appendix D, only 27.5 percent of the population has unrestricted access to recycling opportunities under CDRA. Restrictions on recycling sites invariably involve television recycling. Consequently, the ongoing inadequacy of viable television recycling options has exacerbated the proliferation of illegal television dumping as reported by county recycling coordinators.

Recommendations for expanding the program to include additional electronic devices.

DEP has no recommendations at this time for expanding the program to include additional electronic devices.

APPENDIX A

Individual Manufacturers and Recyclers

Manufacturers	Recycler(s) Utilized
Apple	JVS Environmental – PA; Novotec – OH; Sims Recycling – IL
Asus	Dynamic Recycling – WI; JVS Environmental – PA
Ben Q	Electronic Recyclers International – IN, MA, NC
Dell	Arrow Global Asset Disposition – TX; Dynamic Recycling – WI; IMS Recycling – OH; JVS Environmental – PA
Google	Novotec – OH; Sims Recycling – MD
IBM	Geodis Global Solutions – NY
IPSG	Advanced Technology Recycling – IL; Cinco Electronics Recycling – OH
Nvidia	JVS Environmental – PA; Novotec – OH; Sims Recycling – MD
Premio	JVS Environmental – PA
Sony	Dynamic Recycling – WI; JVS Environmental – PA
Vizio	Electronic Recyclers International – IN, MA, NC

APPENDIX B

Group Plan Manufacturers and Recyclers

Group Plan Name	Manufacturers	Recyclers
3R NETWORK INC (6 Manufacturers in the Plan)	iBUYPOWER* Cyberpower Hannstar/Hannspree* Sceptre TMAX Digital ViewSonic	3R Network – CA, TX Thanks for Being Green – NJ
E-WORLD ONLINE, LLC (4 Manufacturers in the Plan)	Craig Electronics Curtis International Envision Peripherals NEC Display Solutions*	JVS Environmental – PA
ELECTRONIC MANUFACTURERS RECYCLING MANAGEMENT COMPANY, LLC (UMBRELLA PLAN ADMINISTRATOR) (24 Manufacturers in the Plan)	Amazon Best Buy Funai Hisense Hitachi HTC Innovative DTV Solutions JVCKENWOOD Kids Delight Interactive LG Electronics MSI Computer Nook Digital Panasonic PLR IP Holdings (Polaroid) Samsung Sharp Electronics SSNA SunBrite TV TCT Mobile Toshiba America Information Systems TTE Technology Venturer Electronics Voxx Wacom	Dynamic Recycling – WI EcoVanta – PA Electronic Recyclers International – IN, MA, NC JVS Environmental – PA Kuusakoski – PA Regency Technologies – OH Vintage Tech – PA, IL, MI
OEM RECYCLING SOLUTIONS (1 Manufacturer in the Plan)	TongFang Global	JVS Environmental – PA
REVERSE LOGISTIC GROUP AMERICAS, INC. (RLGA) (12 Manufacturers in the Plan)	Acer Bang & Olufsen DPI Elo Touch Haier HP Lenovo Mattel Planar Star Light Verizon Wireless/Celco Partnership Vtech Electronics	AER – CA Ecotech Management – NY EcoVanta – PA Electronic Recyclers International – IN, MA, NC eLoop – PA Newtech – NJ Regency Technologies – OH

*Manufacturer did not meet recycling obligation

APPENDIX C

Collection Points in Manufacturer Plans

Facility	County	Address	City
Staples Retail Store	Adams	1275 York Rd	Gettysburg
Best Buy Retail Store	Allegheny	5000 Alicia Dr	Bethel Park
Best Buy Retail Store	Allegheny	1000 Cranberry Square Dr	Cranberry Twp
Best Buy Retail Store	Allegheny	200 Mall Circle Dr	Monroeville
Best Buy Retail Store	Allegheny	680 Waterfront Dr E	Munhall
Best Buy Retail Store	Allegheny	430 Home Dr	Pittsburgh
Best Buy Retail Store	Allegheny	473 Clairton Blvd	Pittsburgh
Best Buy Retail Store	Allegheny	4801 McKnight Rd	Pittsburgh
Best Buy Retail Store	Allegheny	1015 Village Circle Dr	Tarentum
Best Buy Retail Store	Allegheny	1504 MacArthur Rd	Whitehall
Chalfant Borough	Allegheny	40 N Main St	East Pittsburgh
eLoop - Pittsburgh	Allegheny	625 Plum Industrial Ct	Pittsburgh
Findlay Township	Allegheny	1271 Rt 30	Findlay Twp
Goodwill of Southwestern Pennsylvania	Allegheny	44 Highland Rd	Bethel Park
Goodwill of Southwestern Pennsylvania	Allegheny	1306 Pittsburgh St	Cheswick
Goodwill of Southwestern Pennsylvania	Allegheny	4101 Gibsonia Rd	Gibsonia
Goodwill of Southwestern Pennsylvania	Allegheny	1905 Washington St	Heidelberg
Goodwill of Southwestern Pennsylvania	Allegheny	2604 Monroeville Blvd	Monroeville
Goodwill of Southwestern Pennsylvania	Allegheny	4005 Freeport Rd	Natrona Heights
Goodwill of Southwestern Pennsylvania	Allegheny	118 52nd St	Pittsburgh
Goodwill of Southwestern Pennsylvania	Allegheny	125 51st St	Pittsburgh
Goodwill of Southwestern Pennsylvania	Allegheny	2700 E Carson St	Pittsburgh
Goodwill of Southwestern Pennsylvania	Allegheny	2780 Saw Mill Run Blvd	Pittsburgh
Goodwill of Southwestern Pennsylvania	Allegheny	2866 Banksville Rd	Pittsburgh
Goodwill of Southwestern Pennsylvania	Allegheny	509 E Ohio St	Pittsburgh
Goodwill of Southwestern Pennsylvania	Allegheny	5993 Centre Ave	Pittsburgh
Goodwill of Southwestern Pennsylvania	Allegheny	7221 McKnight Rd	Pittsburgh
Goodwill of Southwestern Pennsylvania	Allegheny	3 Urbano Way	Pittsburgh
Goodwill of Southwestern Pennsylvania	Allegheny	10293 Perry Hwy #201	Wexford
McCandless Township	Allegheny	9955 Grubbs Rd	Wexford
Moon Township		1000 Beaver Grade Rd	Moon Twp

Facility	County	Address	City
Mt. Lebanon	Allegheny	710 Washington Rd	Pittsburgh
Salvation Army Family Store	Allegheny	44 S 9th St	Pittsburgh
Salvation Army Family Store	Allegheny	855 E Carson St	Pittsburgh
Salvation Army Family Store	Allegheny	6150 Mountain View Dr	West Mifflin
Salvation Army Family Store	Allegheny	1195 Mickley Rd	Whitehall
South Park Township	Allegheny	2675 Brownsville Rd	South Park
Staples Retail Store	Allegheny	1675 Route 228	Cranberry Twp
Staples Retail Store	Allegheny	999 Freeport Rd	Fox Chapel
Staples Retail Store	Allegheny	2515 Banksville Rd	Pittsburgh
Staples Retail Store	Allegheny	4801 McKnight Rd	Pittsburgh
Staples Retail Store	Allegheny	6375 Penn Ave, Ste B	Pittsburgh
Staples Retail Store	Allegheny	6521 Steubenville Pike	Pittsburgh
Staples Retail Store	Allegheny	1820 McLaughlin Run Rd	Upper St. Clair
Upper St. Clair Township	Allegheny	100 Borough Park Dr	Whitehall
Whitehall Borough Municipal Event	Allegheny	1912 River Rd	North Apollo
Salvation Army Family Store	Armstrong	220 Golfview Dr	Monaca
Best Buy Retail Store	Beaver	893 Mercer Rd	Beaver Falls
Clean Up Day 2016	Beaver	750 Ohio River Blvd	Rochester
Goodwill of Southwestern Pennsylvania	Beaver	3113 Green Garden Rd	Aliquippa
Salvation Army Family Store	Bedford	3938 Brodhead Rd	Monaca
Staples Retail Store	Bedford	702 W Pitt St	Bedford
Bedford County Recycling	Bedford	9481 Lincoln Hwy	Bedford
Goodwill Industries of the Conemaugh Valley, Inc.	Berks	1316 Hilltop Rd	Leesport
Best Buy Retail Store	Berks	1701 Crossing Dr	Wyomissing
Goodwill Keystone Area	Berks	2846-3A Main St	Morgantown
Goodwill Keystone Area	Berks	3001 St Lawrence Ave	Reading
Goodwill Keystone Area	Berks	3413 5th Street Hwy	Reading
Goodwill Keystone Area	Berks	602 E Lancaster Ave	Reading
Goodwill Keystone Area	Berks	324 East Penn Ave	Robesonia
Staples Retail Store	Berks	4711 Perkiomen Ave	Reading
Best Buy Retail Store	Blair	1167 Berkshire Blvd	Wyomissing
Burgmeier Hauling, Inc.	Blair	1721 Osgood Dr	Altoona
	Blair	1356 Old 6th Avenue Rd	Altoona

Facility	County	Address
Goodwill Industries of the Conemaugh Valley, Inc.	Blair	207 Park Hills Plaza
Goodwill Industries of the Conemaugh Valley, Inc.	Blair	912 Kettle St
Goodwill Industries of the Conemaugh Valley, Inc.	Blair	1211 3rd Ave
IRC Buckhorn Recycling & Compost Facility	Blair	1860 Black Snake Rd
Salvation Army Family Store	Blair	200 7th Ave
Salvation Army Family Store	Blair	2440 Plank Rd
Staples Retail Store	Blair	217 Falon Ln
Northern Tier Solid Waste Authority- Bradford County Landfill	Bradford	108 Steam Hollow Rd
Best Buy Retail Store	Bucks	310 Commerce Blvd
Best Buy Retail Store	Bucks	646 N West End Blvd
Bristol Township	Bucks	2501 Bath Rd
Goodwill Keystone Area	Bucks	2637 Street Rd
Goodwill Keystone Area	Bucks	2 G-H Summit Sq Shop Ct
Goodwill Keystone Area	Bucks	2365 E Lincoln Hwy
Goodwill Keystone Area	Bucks	1487 W Street Rd
Liberty Thrift & Home Furnishings	Bucks	240-5 S West End Blvd
Salvation Army Family Store	Bucks	191 Lincoln Hwy
Salvation Army Family Store	Bucks	477 N West End Blvd
Staples Retail Store	Bucks	2329 Street Rd
Staples Retail Store	Bucks	436 N Main St
Staples Retail Store	Bucks	93 E Street Rd
Staples Retail Store	Bucks	2339 East Lincoln Hwy
Staples Retail Store	Bucks	300 West Bridge St
Staples Retail Store	Bucks	10 W Rd
Staples Retail Store	Bucks	654 North West End Blvd
Staples Retail Store	Bucks	1075 Main St
Goodwill of Southwestern Pennsylvania	Butler	370 New Castle Rd
Goodwill of Southwestern Pennsylvania	Butler	20668 Perry Hwy
Salvation Army Family Store	Butler	1623 N Main St
Staples Retail Store	Butler	110 Moraine Pointe Plaza
Staples Retail Store	Butler	6910 Kimberly Dr
Best Buy Retail Store	Cambria	430 Town Centre Dr
Cambria County Solid Waste Management Authority	Cambria	507 Manor Dr
Goodwill Industries of the Conemaugh Valley, Inc.	Cambria	300 James Way Rd
	Altoona	Altoona
	Duncansville	Dysart
	Altoona	Altoona
	Duncansville	Duncansville
	Altoona	Altoona
	Troy	Fairless Hills
	Quakertown	Quakertown
	Bristol	Bristol
	Bensalem	Bensalem
	Langhorne	Langhorne
	Langhorne	Langhorne
	Warminster	Warminster
	Quakertown	Quakertown
	Fairless Hills	Fairless Hills
	Quakertown	Quakertown
	Bensalem	Bensalem
	Doylestown	Doylestown
	Feasterville	Feasterville
	Langhorne	Langhorne
	New Hope	New Hope
	Newtown	Newtown
	Quakertown	Quakertown
	Warrington	Warrington
	Butler	Butler
	Cranberry Twp	Cranberry Twp
	Butler	Butler
	Cranberry	Cranberry
	Johnstown	Johnstown
	Ebensburg	Ebensburg
	Ebensburg	Ebensburg

Facility	County	Address	City
Goodwill Industries of the Conemaugh Valley, Inc.	Cambria	1326 Eisenhower Blvd	Johnstown
Goodwill Industries of the Conemaugh Valley, Inc.	Cambria	1715 Liter Dr	Johnstown
Goodwill Industries of the Conemaugh Valley, Inc.	Cambria	500 Galleria Dr	Johnstown
Goodwill Industries of the Conemaugh Valley, Inc.	Cambria	920 Oak St #922	Johnstown
Goodwill Industries of the Conemaugh Valley, Inc.	Cambria	4211 Crawford Ave	Northern Cambria
Salvation Army Family Store	Cambria	1025 Eisenhower Blvd	Johnstown
Staples Retail Store	Carbon	590 Galleria Dr	Johnstown
Palmerton Township	Carbon	443 Delaware Ave	Palmerton
Best Buy Retail Store	Centre	1650 N Atherton St	State College
Centre County Recycling & Refuse Authority	Centre	253 Transfer Rd	Bellefonte
Goodwill Industries of North Central Pennsylvania, Inc.	Centre	1061 Front St #1	Phillipsburg
Goodwill Industries of North Central Pennsylvania, Inc.	Centre	424 Westerly Parkway Plaza	State College
Staples Retail Store	Centre	1646 N Atherton St	State College
Best Buy Retail Store	Chester	871 E Lancaster Ave	Downtown
Chester County Solid Waste Authority	Chester	7224 Division Hwy	Narvon
East Marlboro Township	Chester	721 Unionville Rd	Kennett Square
Goodwill Keystone Area	Chester	571 Hepburn Rd	Avondale
Goodwill Keystone Area	Chester	766 E Lancaster Ave	Berwyn
Goodwill Keystone Area	Chester	45 Matchwood Rd	Exton
Goodwill Keystone Area	Chester	235 Lancaster Ave	Frazer
Goodwill Keystone Area	Chester	700 Nutt Rd	Phoenixville
Goodwill Keystone Area	Chester	3231 E Lincoln Hwy	Thorndale
Kennett Township	Chester	801 Burrows Run	Chadds Ford
Liberty Thrift & Home Furnishings	Chester	65 E Bridge St	Spring City
New Garden Township	Chester	299 Starr Rd	Landenberg
Phoenixville Township	Chester	351 Bridge St	Phoenixville
Salvation Army Family Store	Chester	250 E Market St	West Chester
Southeastern Chester County Refuse Authority	Chester	219 Street Rd	West Grove
Staples Retail Store	Chester	935 E Lancaster Ave	Downtown
Staples Retail Store	Chester	105 E Swedesford Rd	Exton
Staples Retail Store	Chester	855 E Baltimore Pike	Kennett Square
Staples Retail Store	Chester	260 Schuylkill Rd	Phoenixville
Staples Retail Store	Chester	937 Paoli Pike	West Goshen
West Chester Borough	Chester	205 Lacey St	West Chester

Facility	County	Address	City
Goodwill Industries of North Central Pennsylvania, Inc.	Clarion	104 Clarion Plaza, Ste 200	Clarion
Goodwill Industries of North Central Pennsylvania, Inc.	Clarion	15140 Rt 322	Clarion
Goodwill Industries of North Central Pennsylvania, Inc.	Clarion	604 Broad St	New Bethlehem
Clearfield County SWA	Clearfield	212 E Locust St, Ste 128	Clearfield
Goodwill Industries of North Central Pennsylvania, Inc.	Clearfield	1800 Daisy St	Clearfield
Goodwill Industries of North Central Pennsylvania, Inc.	Clearfield	620 Liberty Blvd	DuBois
Goodwill Industries of North Central Pennsylvania, Inc.	Clearfield	100 N Main St	DuBois
Goodwill Industries of North Central Pennsylvania, Inc.	Clearfield	911 Brady St	DuBois
Goodwill Industries of North Central Pennsylvania, Inc.	Clearfield	690 Shaffer Rd	DuBois
Staples Retail Store	Clinton	690 Shaffer Rd	Dubois
Clinton County Solid Waste Authority	Clinton	264 Landfill Ln	McElhattan
Goodwill Industries of North Central Pennsylvania, Inc.	Clinton	120 E Walnut St	Lock Haven
Goodwill Industries of North Central Pennsylvania, Inc.	Clinton	112 3rd St	Renovo
Bloomsburg Recycling Center	Columbia	901 Patterson Dr	Bloomsburg
Goodwill Industries of Northeastern Pennsylvania, Inc.	Columbia	11 Frosty Valley Rd	Bloomsburg
Salvation Army Family Store	Columbia	49 W Main St	Bloomsburg
Staples Retail Store	Crawford	2441 Columbia Blvd	Bloomsburg
Goodwill Industries of North Central Pennsylvania, Inc.	Crawford	604 W Spring St	Titusville
Salvation Army Family Store	Crawford	11129 Cotton Rd	Meadville
Staples Retail Store	Crawford	16218 Conneaut Lake Rd	Meadville
Goodwill Keystone Area	Cumberland	1051 Hummel Ave	Lemoyne
Goodwill Keystone Area	Cumberland	4880 Carlisle Pike	Mechanicsburg
Salvation Army Family Store	Cumberland	3901 E Trindle Rd	Camp Hill
Best Buy Retail Store	Cumberland	6416 Carlisle Pike	Mechanicsburg
Staples Retail Store	Cumberland	128 S 32nd St	Camp Hill
Staples Retail Store	Cumberland	100 Noble Blvd	Carlisle
Best Buy Retail Store	Dauphin	5850 Carlisle Pike	Mechanicsburg
Dauphin County Recycling Center	Dauphin	5000 Jonestown Rd	Harrisburg
Goodwill Keystone Area	Dauphin	1620 S 19th St	Harrisburg
Goodwill Keystone Area	Dauphin	182 Engle Rd	Elizabethville
Goodwill Keystone Area	Dauphin	1150 Goodwill Dr	Harrisburg
Goodwill Keystone Area	Dauphin	6033 Allentown Blvd	Harrisburg
Goodwill Keystone Area	Dauphin	627 N Cameron St	Harrisburg
Goodwill Keystone Area	Dauphin	30 E Granada Ave	Hershey

Facility	County	Address	City
Salvation Army Family Store	Dauphin	3650 Vartan Way	Harrisburg
Salvation Army Family Store	Dauphin	3847 Union Deposit Rd	Harrisburg
Salvation Army Family Store	Dauphin	5051 Hampton Court Rd	Harrisburg
Staples Retail Store	Dauphin	4203 Union Deposit Rd	Harrisburg
Staples Retail Store	Dauphin	710 W Chocolate Ave	Hershey
Best Buy Retail Store	Delaware	642 Baltimore Pike	Springfield
Bethel Township	Delaware	1092 Bethel Rd	Garnet Valley
City of Chester	Delaware	1 E 4th St	Chester
Commonwealth Computer Recycling - Aston	Delaware	Elwyn Industries 1 Judy Way	Aston
Edgmont Township	Delaware	1000 Gradyville Rd	Gradyville
Goodwill Delaware and Delaware County	Delaware	3294 Chichester Ave	Boothwyn
Goodwill Delaware and Delaware County	Delaware	255 Wilmington West Chester Pike	Chadds Ford
Goodwill Delaware and Delaware County	Delaware	401 West Chester Pike	Havertown
Goodwill Delaware and Delaware County	Delaware	2137 MacDade Blvd	Holmes
Goodwill Delaware and Delaware County	Delaware	201 E Baltimore Ave	Lansdowne
Goodwill Delaware and Delaware County	Delaware	4629 Lower West Chester Pike	Newtown Square
Goodwill Delaware and Delaware County	Delaware	725 S Chester Rd	Swarthmore
Microcenter	Delaware	55 E Lancaster Ave	St. Davids
Middletown Township	Delaware	27 N Pennell Rd	Lima
Radnor Township	Delaware	801 Iven Rd	Wayne
Salvation Army Family Store	Delaware	66 Chester Pike	Collingdale
Staples Retail Store	Delaware	755 W Lancaster Ave	Bryn Mawr
Staples Retail Store	Delaware	124 Morton Ave	Folsom
Staples Retail Store	Delaware	901 Byers Dr	Glen Mills
Staples Retail Store	Delaware	1305 West Chester Pike, Ste 18	Havertown
Staples Retail Store	Delaware	751 Sprout Rd	Springfield
Staples Retail Store	Delaware	145 E Swedesford Rd	Wayne
Upper Darby	Delaware	100 Garrett Rd	Upper Darby
Elk County Recycling	Elk	Stackpole Complex, 45 Heritage Dr	St. Marys
Goodwill Industries of North Central Pennsylvania, Inc.	Elk	200 W Main St	Ridgway
Goodwill Industries of North Central Pennsylvania, Inc.	Elk	31 Erie Ave	St. Marys
Goodwill Industries of North Central Pennsylvania, Inc.	Elk	24 Washington Ave	St. Marys
Best Buy Retail Store	Erie	6650 Peach St	Erie
Salvation Army Family Store	Erie	1209 Sassafras St	Erie

Facility	County	Address	City
Salvation Army Family Store	Erie	1944 Keystone Dr, Ste 24	Erie
Salvation Army Family Store	Erie	8 W High St	Union City
Staples Retail Store	Erie	1924 Keystone Dr	Erie
Goodwill of Southwestern Pennsylvania	Fayette	1003 Mall Run Rd	Uniontown
Salvation Army Family Store	Fayette	54 N Mt Vernon Ave	Belle Vernon
Staples Retail Store	Fayette	800 Rostraver Rd	Uniontown
Staples Retail Store	Fayette	3 Work Pkwy	Chambersburg
Goodwill Keystone Area	Franklin	1021 Wayne Ave	Greencastle
Horizon Goodwill Industries	Franklin	524 N Antim Way	Waynesboro
Horizon Goodwill Industries	Franklin	11105 Buchanan Trail E, Ste J	Chambersburg
Staples Retail Store	Franklin	963 Norland Ave	McConnellsburg
Fulton County Conservation District	Fulton	2116 N 2nd St, Ste 15	Huntingdon
Goodwill Industries of the Conemaugh Valley, Inc.	Huntingdon	6725 Towne Center Blvd	Blairsville
Goodwill Industries of the Conemaugh Valley, Inc.	Indiana	164 E Market St	Indiana
Goodwill Industries of the Conemaugh Valley, Inc.	Indiana	1470 Oakland Ave	Homer City
Indiana County Solid Waste Authority	Indiana	1715 Rt 119 Hwy S	Indiana
Indiana County Solid Waste Authority	Indiana	2452 Philadelphia St	Indiana
Salvation Army Family Store	Indiana	3100 Oakland Ave	Indiana
Staples Retail Store	Jefferson	255 N Main St	Brookville
Goodwill Industries of North Central Pennsylvania, Inc.	Jefferson	163 Preston Way	Falls Creek
Goodwill Industries of North Central PA	Jefferson	509 Main St	Brockway
Goodwill Industries of North Central Pennsylvania, Inc.	Jefferson	Evergreen St	Brockway
Goodwill Industries of North Central Pennsylvania, Inc.	Jefferson	234 Allegheny Blvd	Brookville
Goodwill Industries of North Central Pennsylvania, Inc.	Jefferson	163 Preston Way	Falls Creek
Goodwill Industries of North Central Pennsylvania, Inc.	Jefferson	551 Mahoning St	Punxsutawney
Goodwill Industries of North Central Pennsylvania, Inc.	Jefferson	235 Hampton Ave	Reynoldsville
Goodwill Industries of North Central Pennsylvania, Inc.	Jefferson	5980 Rt 322	Dickson City
Best Buy Retail Store	Lackawanna	959 Viewmont Dr	Carbondale
Goodwill Industries of Northeastern Pennsylvania, Inc.	Lackawanna	70 N Church St	Clarks Summit
Goodwill Industries of Northeastern Pennsylvania, Inc.	Lackawanna	541 S State St	Dunmore
Goodwill Industries of Northeastern Pennsylvania, Inc.	Lackawanna	1501 Wheeler Ave	Scranton
Goodwill Industries of Northeastern Pennsylvania, Inc.	Lackawanna	2243 Scranton Carbondale Hwy	Scranton
Goodwill Industries of Northeastern Pennsylvania, Inc.	Lackawanna	1766 N Keyser Ave	Scranton
	Lackawanna	901 Adams Ave	Scranton

Facility	County	Address	City
Salvation Army Family Store	Lackawanna	Rt 6 Scranton-CARBONDALE	Eynon
Salvation Army Family Store	Lackawanna	1155 River St	Scranton
Salvation Army Family Store	Lackawanna	610 S Washington Ave	Scranton
Staples Retail Store	Lancaster	951 Viewmont Dr	Dickson City
Best Buy Retail Store	Lancaster	1801 Hempstead Rd	Lancaster
Goodwill Keystone Area	Lancaster	1367 Weaverland Rd	East Earl
Goodwill Keystone Area	Lancaster	2375 S Market St	Elizabethtown
Goodwill Keystone Area	Lancaster	1166 S State St	Ephrata
Goodwill Keystone Area	Lancaster	1048 N Plum St	Lancaster
Goodwill Keystone Area	Lancaster	121 Rohrerstown Rd	Lancaster
Goodwill Keystone Area	Lancaster	2353 Lincoln Hwy E	Lancaster
Goodwill Keystone Area	Lancaster	1668 Oregon Pike	Lancaster
Goodwill Keystone Area	Lancaster	680 Furnace Hills Pike	Lititz
Goodwill Keystone Area	Lancaster	2600 N Willow Street Pike	Willow Street
Goodwill Keystone Area	Lancaster	1299 Harrisburg Pike	Lancaster
Goodwill Keystone Area	Lancaster	1244 Manheim Pike	Lancaster
Goodwill Keystone Area	Lancaster	365 N Reading Rd	Ephrata
Goodwill Keystone Area	Lancaster	1296 Lititz Pike	Lancaster
Goodwill Keystone Area	Lancaster	2350 Lincoln Hwy E, Ste 700	Lancaster
Lancaster County SWMA	Lawrence	102 Grove St	New Castle
Salvation Army Family Store	Lebanon	2551 W State St	New Castle
Staples Retail Store	Lebanon	798 S 12th St	Lebanon
Staples Retail Store	Lebanon	901 E Main St	Palmyra
Salvation Army Family Store	Lebanon	2211 E Cumberland St	Lebanon
Staples Retail Store	Lebanon	1820 Quentin Rd	Lebanon
Goodwill Keystone Area	Lehigh	1901 Lehigh St	Allentown
Goodwill Keystone Area	Lehigh	4634 Broadway St	Allentown
Goodwill Keystone Area	Lehigh	7720 Main St	Fogelsville
Staples Retail Store	Lehigh	3300 Lehigh St	Allentown
Goodwill Keystone Area	Lehigh	4628 Broadway St	Allentown
Goodwill Keystone Area	Lehigh	449 Arena Hub Plaza	Wilkes-Barre
Staples Retail Store	Luzerne	40 N Church St	Hazleton
Staples Retail Store	Luzerne	26 A Gateway Plaza	Edwardsville
Best Buy Retail Store	Luzerne	1017 Baltimore St	Hanover
City of Hazleton			
Goodwill Industries of Northeastern Pennsylvania, Inc.			
Goodwill Industries of Northeastern Pennsylvania, Inc.			

Facility	County	Address	City
Goodwill Industries of Northeastern Pennsylvania, Inc.	Luzerne	296 Airport Rd	West Hazleton
Salvation Army Family Store	Luzerne	739 Sans Souci Pkwy	Hanover
Salvation Army Family Store	Luzerne	115 W Broad St	Hazleton
Salvation Army Family Store	Luzerne	520 Kidder St	Wilkes-Barre
Salvation Army Family Store	Luzerne	60 New Hill St	Wilkes-Barre
Salvation Army Family Store	Luzerne	739 Sans Souci Pkwy	Wilkes-Barre
Staples Retail Store	Luzerne	180 Susquehanna Blvd	Hazleton
Staples Retail Store	Luzerne	453 Arena Hub Plaza	Wilkes-Barre
Best Buy Retail Store	Lycoming	115 Lycoming Mall Cir	Muncy
Goodwill Industries of North Central Pennsylvania, Inc.	Lycoming	621 Hepburn St	Williamsport
Lycoming County Resource Mgmt Services	Lycoming	447 Alexander Dr	Montgomery
Staples Retail Store	McKean	1915 E 3rd St	Williamsport
Goodwill Industries of North Central Pennsylvania, Inc.	McKean	10 Foster Brook Blvd	Bradford
Goodwill Industries of North Central Pennsylvania, Inc.	McKean	86 Fraley St	Kane
McKean County Recycling	McKean	17137 US-6	Smethport
Salvation Army Family Store	Mercer	717 W Main St	Grove City
Staples Retail Store	Mercer	439 S Hermitage Rd	Hermitage
Goodwill Keystone Area	Mifflin	224 N Logan Blvd	Burnham
Mifflin County SWA	Mifflin	87 Landfill Rd	Lewistown
Best Buy Retail Store	Monroe	300 Shoppes Stroud	Stroudsburg
Chestnuthill Township	Monroe	271 Route 115	Brodheadsville
Coolbaugh Township	Monroe	5520 Municipal Dr	Tobyhanna
Middle Smithfield Township	Monroe	147 Municipal Dr	East Stroudsburg
Pocono Township	Monroe	112 Township Dr	Tannersville
Salvation Army Family Store	Monroe	285 Washington St	East Stroudsburg
Salvation Army Family Store	Monroe	601 Route 940	Mount Pocono
Smithfield Township	Monroe	1155 Red Fox Rd	East Stroudsburg
Staples Retail Store	Monroe	205 Applegate Rd, Ste 100	Stroudsburg
Stroud Township	Montgomery	1211 N 5th St	Stroudsburg
Best Buy Retail Store	Montgomery	400 Front St	Collegeville
Best Buy Retail Store	Montgomery	310 Goddard Blvd	King of Prussia
Best Buy Retail Store	Montgomery	801 Bethlehem Pike	North Wales
Best Buy Retail Store	Montgomery	2010 Chemical Rd	Plymouth Meeting
Best Buy Retail Store	Montgomery	200 Upland Square Dr, Ste 200	Pottstown

Facility	County	Address	City
Best Buy Retail Store	Montgomery	1130 Easton Rd	Willow Grove
Goodwill Keystone Area	Montgomery	753 Bethlehem Pike	Montgomeryville
Goodwill Keystone Area	Montgomery	70 Buckwalter Rd	Royersford
Liberty Thrift & Home Furnishings	Montgomery	3841 Ridge Pike	Collegeville
Liberty Thrift & Home Furnishings	Montgomery	1300 N Charlotte St	Pottstown
Salvation Army Family Store	Montgomery	671 Bethlehem Pike	Montgomeryville
Staples Retail Store	Montgomery	2832 Dekalb Pike	East Norriton
Staples Retail Store	Montgomery	1210 N Bethlehem Pike	Montgomeryville
Staples Retail Store	Montgomery	933 Montgomery Ave	Narberth
Staples Retail Store	Montgomery	270 Upland Square Dr	Pottstown
Staples Retail Store	Montgomery	1844 Ridge Pike, Ste 5	Royersford
Staples Retail Store	Montgomery	4020 Bethlehem Pike	Telford
Staples Retail Store	Montour	1025 N Easton Rd	Willow Grove
Salvation Army Family Store	Montour	260 Mill St	Danville
Best Buy Retail Store	Northampton	4413 Birkland Pl	Easton
Goodwill Keystone Area	Northampton	3926 Nazareth Pike	Bethlehem
Staples Retail Store	Northampton	2138 W Union Blvd	Bethlehem
Staples Retail Store	Northampton	4403 Birkland Pl	Easton
Staples Retail Store	Northampton	3764 Easton-Nazareth Hwy	Easton
Goodwill Keystone Area	Perry	19 N 2nd St	Newport
Best Buy Retail Store	Philadelphia	2300 S Christopher Columbus Blvd	Philadelphia
Goodwill Keystone Area	Philadelphia	9940 Roosevelt Blvd	Philadelphia
Staples Retail Store	Philadelphia	1700 Spring Garden St	Philadelphia
Staples Retail Store	Philadelphia	2209 S 58th St	Philadelphia
Staples Retail Store	Philadelphia	3114 Grays Ferry Ave	Philadelphia
Goodwill Keystone Area	Philadelphia	10101 Bustleton Ave	Philadelphia
Best Buy Retail Store	Philadelphia	2601 S Front St	Philadelphia
Best Buy Retail Store	Philadelphia	455 N 7th St	Philadelphia
Comm. College Philadelphia	Philadelphia	1901 John F Kennedy Blvd	Philadelphia
ECOvanta	Philadelphia	2nd St & Washington Ave	Philadelphia
eForce Recycling	Philadelphia	4555 Pechin St	Philadelphia
Goodwill Industries of Philadelphia	Philadelphia	6427 Torresdale Ave	Philadelphia
Goodwill Industries of Philadelphia	Philadelphia	6432 Rising Sun Ave	Philadelphia
Kennedy House	Philadelphia	241 S 6th St	Philadelphia
Queen Village Neighborhood	Philadelphia		
Salvation Army Family Store	Philadelphia		
Salvation Army Family Store	Philadelphia		
Salvation Army Family Store	Philadelphia		
Society Hill Civic Association	Philadelphia		

Facility	County	Address	City
Staples Retail Store	Philadelphia	7700 Germantown Ave	Chestnut Hill
Staples Retail Store	Philadelphia	1300 South Columbus Blvd	Philadelphia
Staples Retail Store	Philadelphia	1500 Chestnut St	Philadelphia
Staples Retail Store	Philadelphia	2290 Oregon Ave	Philadelphia
Staples Retail Store	Philadelphia	4640 Roosevelt Blvd	Philadelphia
Staples Retail Store	Philadelphia	8500 Henry Ave	Philadelphia
Staples Retail Store	Philadelphia	9906 E Roosevelt Blvd	Philadelphia
Vintage Tech Recyclers	Philadelphia	4601 Bath St	Philadelphia
Staples Retail Store	Pike	102 Milford Landing Dr, Ste 1	Milford
Goodwill Industries of North Central Pennsylvania, Inc.	Potter	149 R 6 West	Coudersport
Goodwill Keystone Area	Schuylkill	1544 Route 61 Hwy S, Ste 6131	Pottsville
Salvation Army Family Store	Schuylkill	206 N Centre St	Pottsville
Staples Retail Store	Schuylkill	6104 Cressona Mall	Pottsville
Best Buy Retail Store	snyder	110 Marketplace Blvd	Selinsgrove
Goodwill Keystone Area	Snyder	2690 N Susquehanna Trail	Shamokin Dam
Staples Retail Store	Snyder	292 Marketplace Blvd	Selinsgrove
Goodwill Industries of the Conemaugh Valley, Inc.	Somerset	1606 N Center Ave, Ste 120	Somerset
Goodwill Industries of the Conemaugh Valley, Inc.	Somerset	99 Spruce St	Windber
JVS Environmental	Somerset	413 Broadway St	Rockwood
Salvation Army Family Store	Somerset	1354 N Center Ave	Somerset
Somerset County Recycling	Somerset	300 N Center Ave, Ste 540	Somerset
The Ridge Church	Tioga	3117 Plank Rd, Ste 120	Somerset
Goodwill Industries of North Central Pennsylvania, Inc.	Tioga	100 Forest View Dr	Elkland
Goodwill Industries of North Central Pennsylvania, Inc.	Tioga	401 S Main St	Mansfield
Goodwill Industries of North Central Pennsylvania, Inc.	Tioga	80 Plaza Ln	Wellsboro
Northern Tier SWA, Tiadaghton Area Transfer Station	Tioga	10455 Rte 6	Wellsboro
Northern Tier SWA, Tioga County Construction & Demolition Landfill	Tioga	540 Old Bluff Rd	Blossburg
Lewisburg Borough	Union	55 S 5th St	Lewisburg
Goodwill Industries of North Central Pennsylvania, Inc.	Venango	17 Kimberly Ln, Ste 3A	Cranberry
Goodwill Industries of North Central Pennsylvania, Inc.	Venango	767 Allegheny Blvd	Franklin
Salvation Army Family Store	Venango	3116 Allegheny Blvd	Franklin
Venango County Recycling	Venango	1168 Liberty St	Franklin
Goodwill Industries of North Central Pennsylvania, Inc.	Warren	1905 Market St	Warren
Salvation Army Family Store	Warren	4210 B Market Street Ext	Warren

Facility	County	Address	City
Goodwill of Southwestern Pennsylvania	Washington	3492 Washington Rd	McMurray
Goodwill of Southwestern Pennsylvania	Washington	89 Jefferson Ave	Washington
Staples Retail Store	Washington	301 Oak Spring Rd	Washington
Washington City Mission	Washington	84 W Wheeling St	Washington
Washington County	Washington	100 W Beau St	Washington
Salvation Army Family Store	Wayne	206 Willow St	Honesdale
Best Buy Retail Store	Westmoreland	125 Donohoe Rd	Greensburg
Commonwealth Computer Recycling - Greensburg	Westmoreland	1628 Roseytown Rd, Unit 8	Greensburg
Goodwill of Southwestern Pennsylvania	Westmoreland	140 Finley Rd	Belle Vernon
Goodwill of Southwestern Pennsylvania	Westmoreland	149 Donohoe Rd	Greensburg
Goodwill of Southwestern Pennsylvania	Westmoreland	1054 Countryside Plaza	Mt. Pleasant
Goodwill of Southwestern Pennsylvania	Westmoreland	4612 William Penn Hwy	Murrysville
Goodwill of Southwestern Pennsylvania	Westmoreland	8755 Norwin Ave	North Huntingdon
Loyalhanna Watershed Association	Westmoreland	110 Andi Ln	Ligonier
Salvation Army Family Store	Westmoreland	3780 Rt 30	Latrobe
Salvation Army Family Store	Westmoreland	12751 Rt 30 W	North Huntingdon
Staples Retail Store	Westmoreland	6207 Rt 30, Ste 1027	Greensburg
Staples Retail Store	Westmoreland	100 Tarentum Bridge Rd	New Kensington
Westmoreland Cleanways	Westmoreland	128 Innovative Ln, Ste 2000	Latrobe
Salvation Army Family Store	Wyoming	W Tioga St Rt 6	Tunkhannock
Best Buy Retail Store	York	2865 Concord Rd	York
Fairview Township	York	55 Fairview Rd	New Cumberland
Goodwill Keystone Area	York	1017 Baltimore St	Hanover
Goodwill Keystone Area	York	535 S Main St	Shrewsbury
Penn Township Drop Off Recycling Center	York	1120 Roosevelt Ave	York
Salvation Army Family Store	York	1020 Wilson Avenue	Hanover
Staples Retail Store	York	1090 Haines Rd	York
Staples Retail Store	York	440 Eisenhower Dr	Hanover
Staples Retail Store	York	965 Loucks Rd	York
Staples Retail Store	York	2915 Concord Rd	York
York County Solid Waste Authority	York	2700 Black Bridge Rd	York

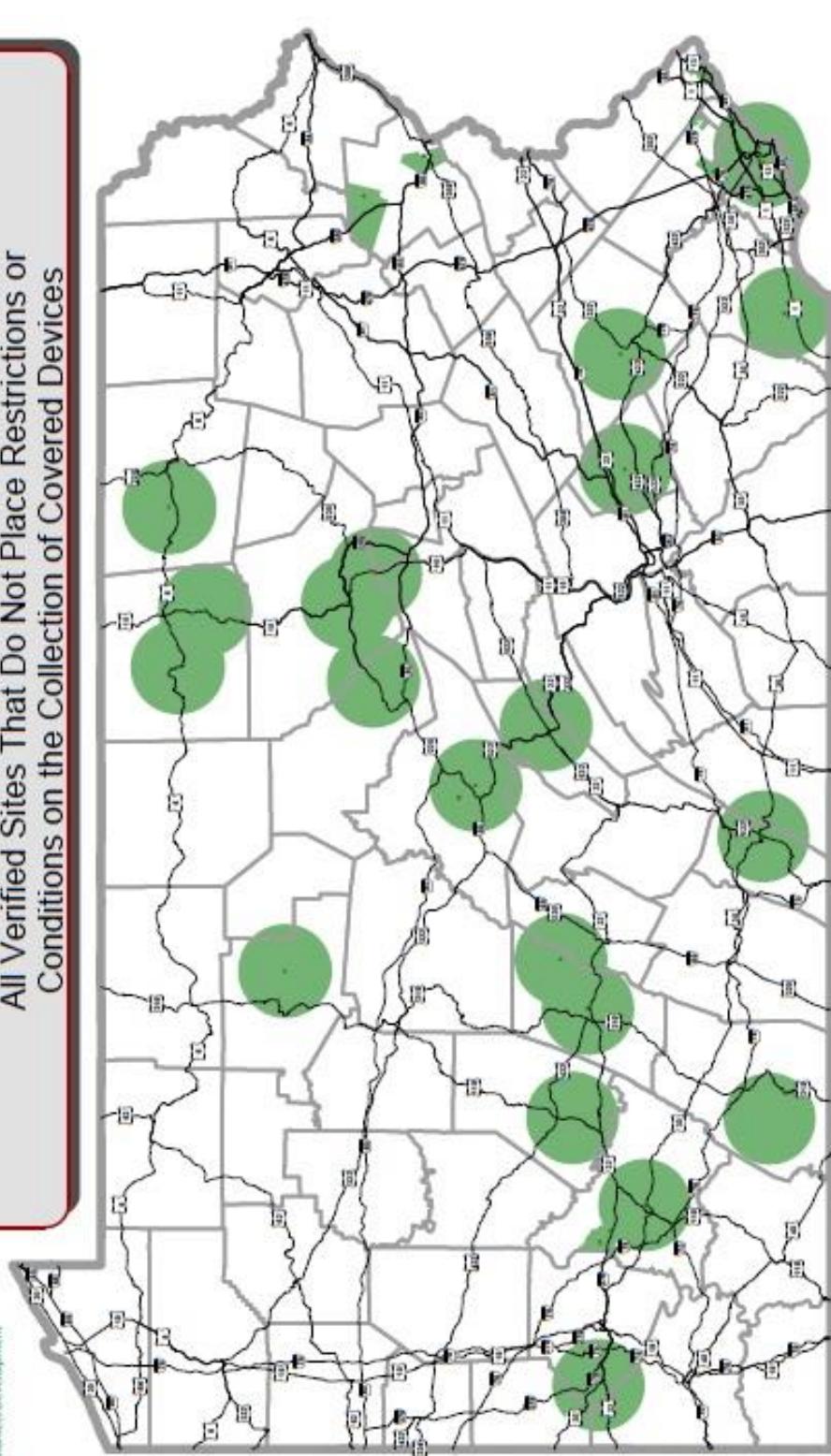
APPENDIX D

2017 Pennsylvania CDRA Coverage Map



Pennsylvania
Recycling Markets Center
The Keystone of Recycling Markets Development

2017 PA Covered Device Recycling Act (CDRA) Coverage Map
Collection Sites From Recycling Plans For Electronics Manufacturers
All Verified Sites That Do Not Place Restrictions or
Conditions on the Collection of Covered Devices



Legend

- Municipal Locations
- CDRA Locations
- Interstates & US Highways
- Municipalities
- 10-Mile Radius Coverage

Counties With CDRA Sites, No Restrictions
3,701 Land 50 Miles (12.7%)
3,090 (101) Postal (27.5%)

Notes:

1. A Covered Device under the CDRA includes: desktop computers, laptop computers, computer monitors, computer peripherals, television, telephones and accessories.
2. A restriction or condition on the collection of Covered Devices means that a collection site does not accept or limits the number of one or more types of Covered Devices, or does not impose a fee or cost to a consumer for the collection, transportation or recycling of a covered device, unless a financial incentive is provided to the consumer.

Prepared by:
The Pennsylvania State Data Center
<http://pasdc.hbg.psu.edu/>

Data Source: Pennsylvania Department of Environmental Protection
Line Source: U.S. Census Bureau, 2010 TIGER/Line Files
Pennsylvania Counties 2010
Revised: March 2017



Pennsylvania
State Data Center