

Regional Solid Waste Management Plan

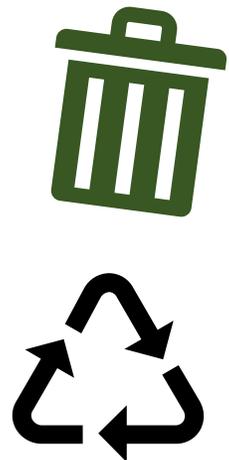
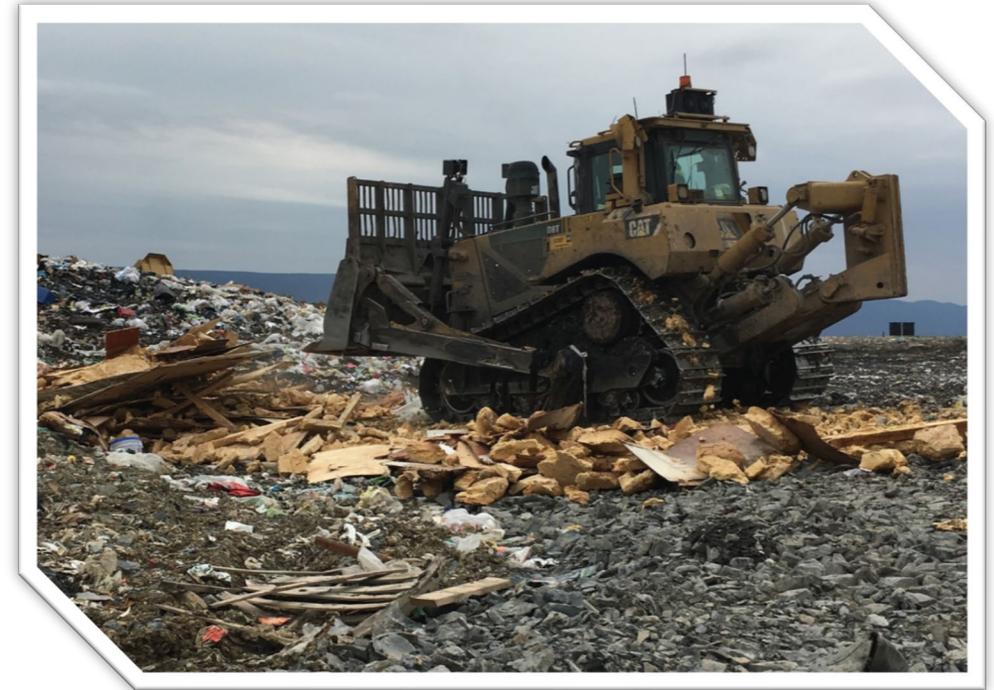
Public Meeting Presentation

**Columbia, Lycoming,
Montour, Snyder, and
Union Counties**



Presentation Overview

- Plan Highlights
- Plan Committees At a Glance
- Planning Process
- Implementation
- Plan Website and Mapping



Regional Solid Waste Management Plan

Columbia, Lycoming, Montour, Snyder, and Union Counties

- **Pennsylvania Act 101 of 1988**
- **PADEP Regulations**
- **Updated every 10 years**
- **Assures Adequate Waste Disposal Capacity**
(through December of 2033)
- **Developed by a Team consisting of the Regional Stakeholder Committee, Regional Solid Waste Advisory Steering Committee and Lycoming County Planning & Community Development staff**
- **Utilizes latest solid waste, recycling, and counties demographic data**

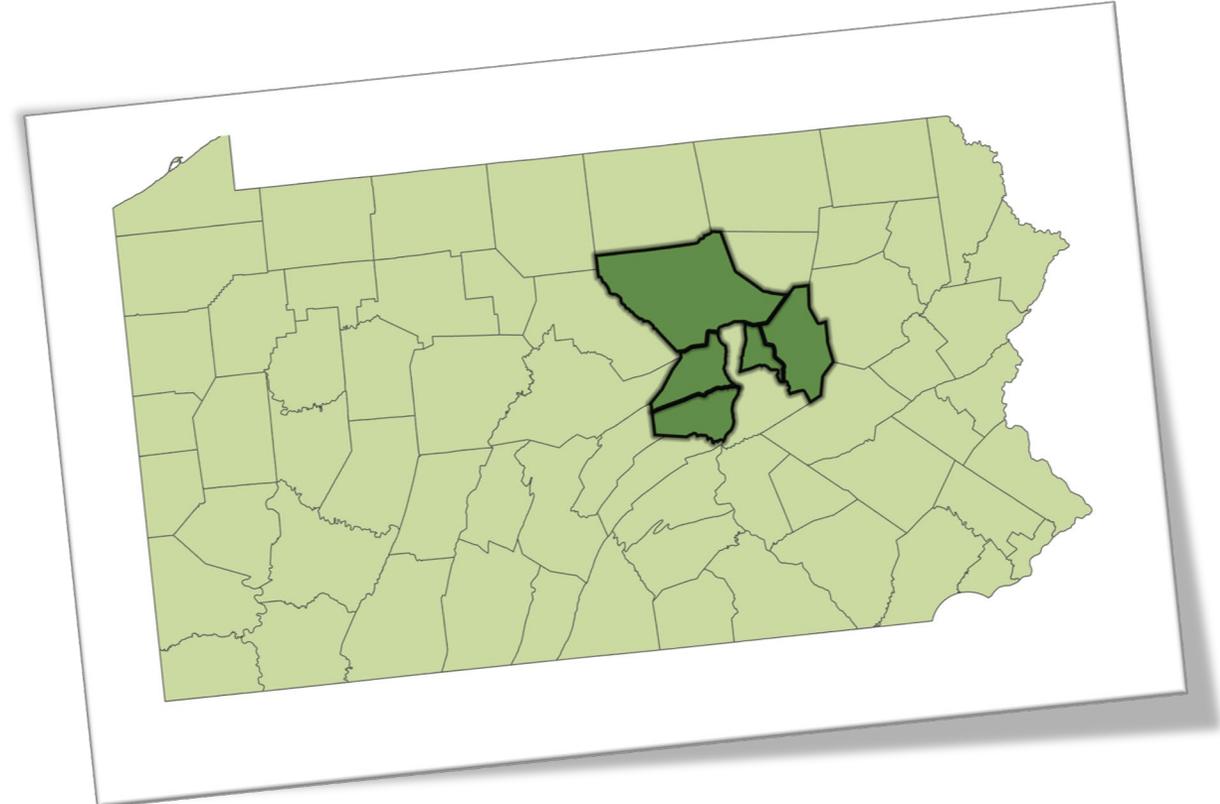


Regional Solid Waste Management Plan

Committees At a Glance

Developed by a Team consisting of the Regional Stakeholder Committee, Regional Solid Waste Advisory Steering Committee and Lycoming County Planning & Community Development staff

- **Regional Stakeholder Committee**
 - Consisted of County Planning Directors and Planners to oversee plan process
- **Regional Advisory Steering Committee**
 - Consisted of County Planning Directors, Planners, Recycling Coordinators, City Community Directors, Township Supervisors, and Volunteers to provide insight in the drafting of the plan
- **Lycoming County Planning & Community Development Staff**
 - Made up of Planning Professionals to draft plan and act as main contact for planning process

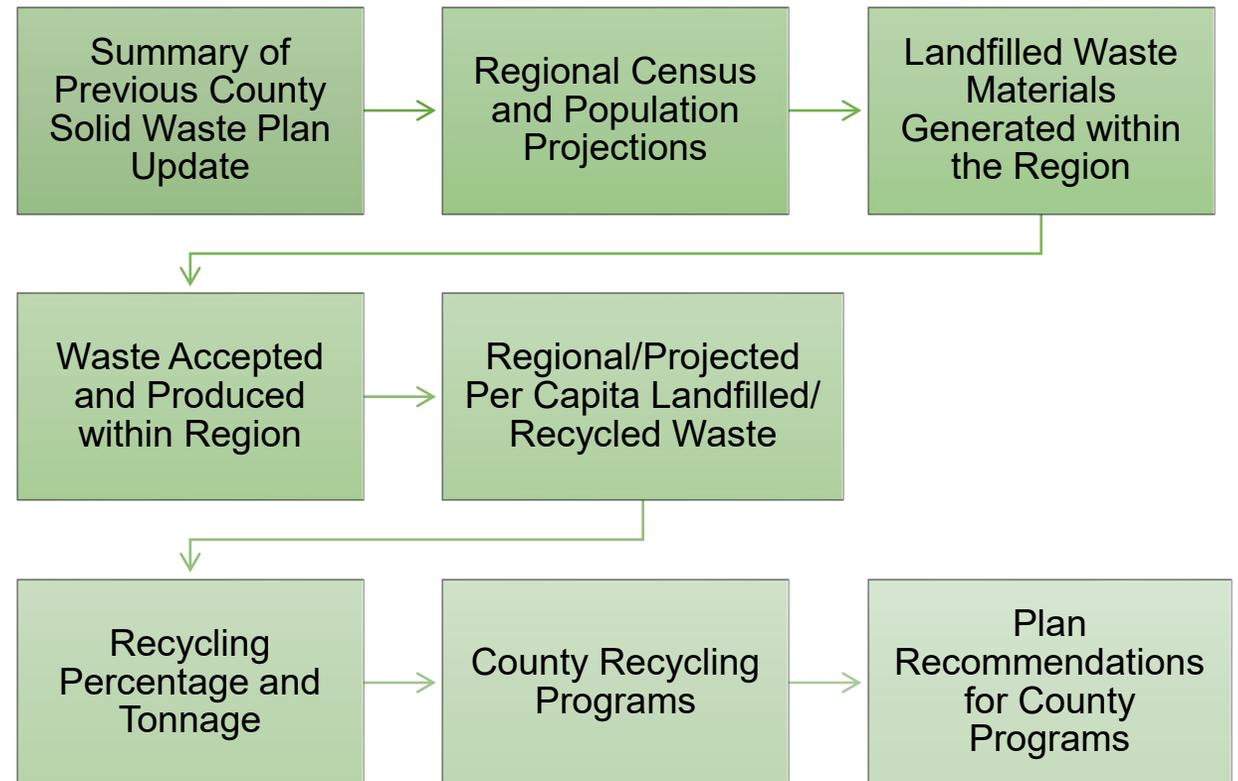


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Planning Process

Utilized latest solid waste, recycling, and counties demographic data from:

- Current and Previous Waste Generation: Statistics and Trends
- Regional Population Census Data and Population Projections
- PADEP Landfilled Waste Materials and Regional Waste Accepted Data
- Projected Regional Per Capita Data
- PADEP Recycling Percentages and Tonnages
- County Recycling Program and Recommendations from committee input
- Surveys, Analysis and Research



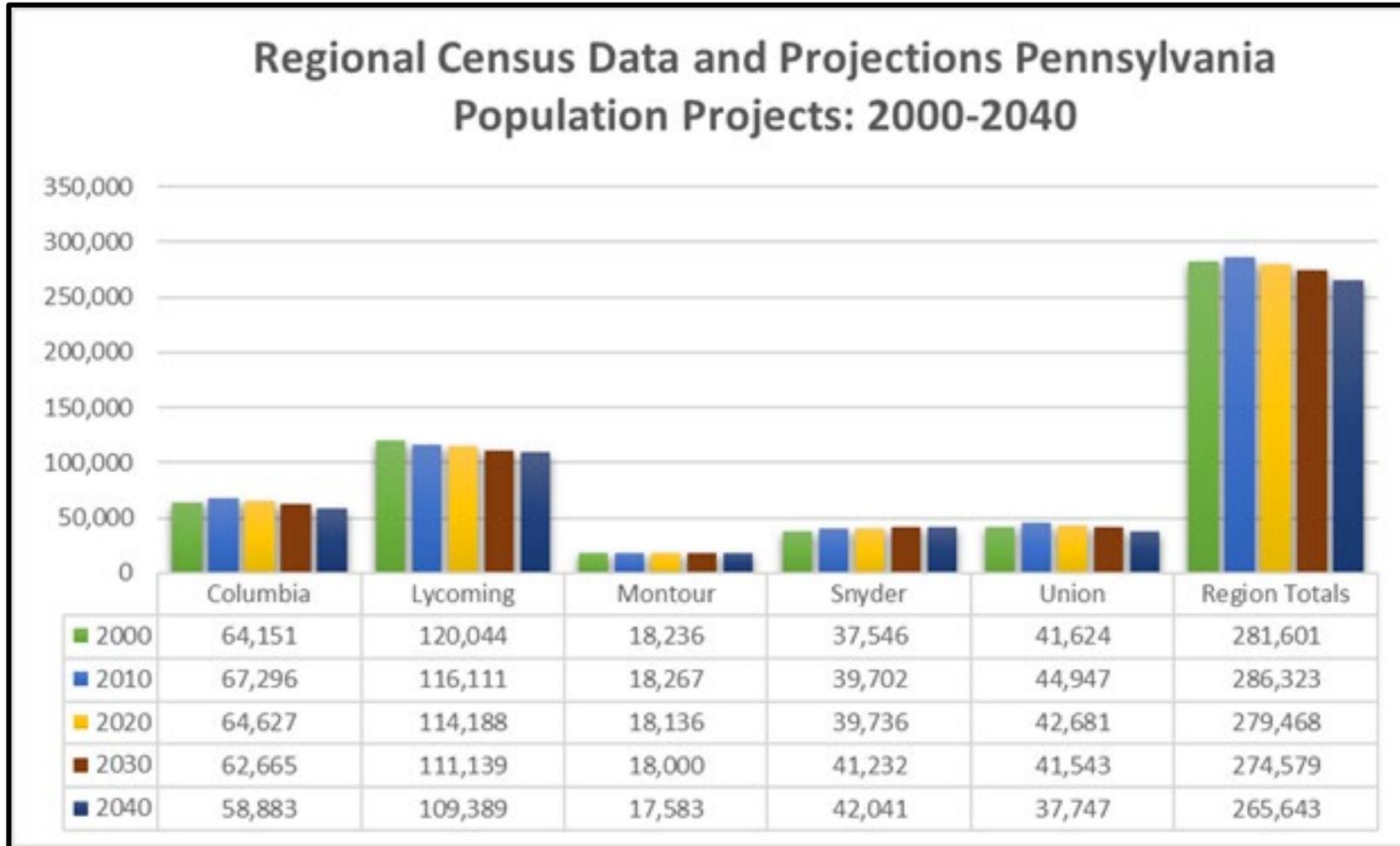
Regional Solid Waste Management Plan

Summary of Previous County Solid Waste Plan Update

County	Columbia	Lycoming	Montour	Snyder	Union
Published Date	2/2013	2/2013	2/2013	2/2013	2/2013
Municipalities	33	52	11	21	14
Land Mass (square miles)	484	1,216	131	332	317
2010 Census Population	67,296	116,111	18,267	39,702	44,947
2020 Census Population	64,627	114,188	18,136	39,736	42,681
Total Waste Generated 2009 (tons)	75,796	120,459	13,042	23,499	33,357
- Municipal	52,160	77,407	7,872	15,999	21,878
- Residual	12,656	20,242	1,832	5,009	5,255
- Sewage/Sludge	4,152	10,545	12	1,299	3,755
- Infectious/ Chemotherapeutic	0	279	1,779	0	0
- Construction/Demolition	6,705	5,790	1,487	1,095	2,444
- Ash	12	4,099	0	50	14
- Asbestos	111	2,096	59	46	14
- Household Haz. Waste	not listed				not listed
Recycled Tons	77,203	197,823	4,987	29,855	30,033

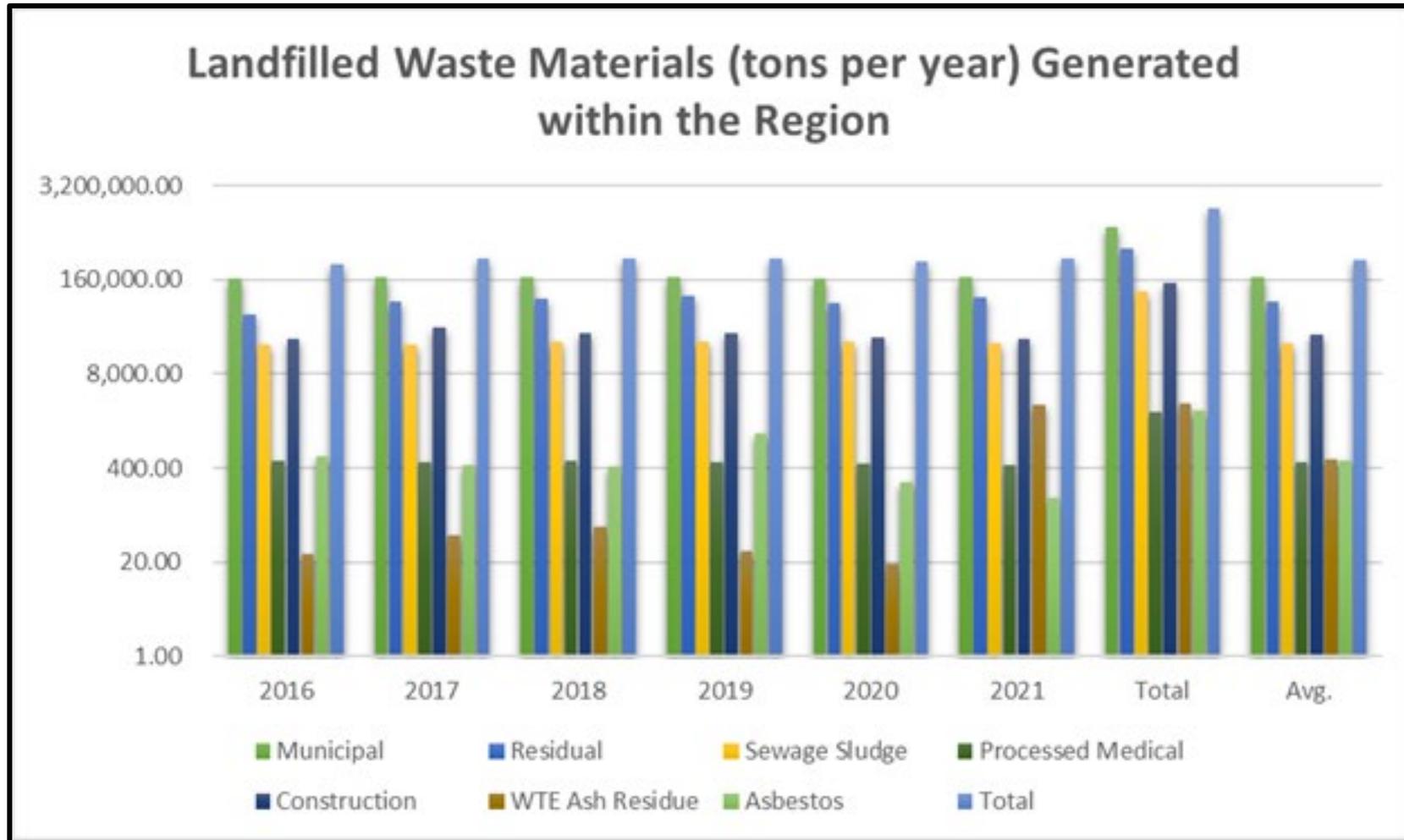
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Regional Census and Population Projections



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Landfilled Waste Materials Generated within the Region



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Waste Accepted and Produced within Region

Table 2.2-1
Waste Accepted AND Produced within Region, 2012-2021

Disposal Landfill	County	Municipal	Residual	Sewage Sludge	Processed	Construction	WTE Ashe	Asbestos	Total Tonnage
Lycoming	Columbia	454,194	120,849	78,415	0	90,526	0	701	744,685
Lycoming	Lycoming	572,534	153,065	85,652	1,140	31,546	4,085	227	848,248
Lycoming	Montour	91,151	45,350	2,075	5,653	17,279	2,965	346	164,820
Lycoming	Snyder	118,844	39,646	9,944	0	11,385	239	1,684	171,742
Lycoming	Union	223,913	121,597	38,202	0	32,141	116	543	416,511

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Regional/Projected Per Capita Landfilled/Recycled Waste

Table 3.1-2
Regional Per Capita Landfilled and Recycled Waste

	Regional Population	MSW+C&D Tonnage	MSW+C&D Tons/capita	Recycled Tonnage	Recycling tons/capita	MSW+C&D +Recycled	MSW+C&D +Recycling tons/capita
2016	285,143	187,112	0.66	106,607	0.37	293,719	1.03
2017	283,099	208,170	0.74	106,102	0.37	314,272	1.11
2018	282,856	204,271	0.72	94,912	.034	299,183	1.06
2019	281,788	198,927	0.71	106,825	0.38	305,752	1.09
2020	279,468	194,059	0.69	91,593	0.33	285,652	1.02
Avg.	282,471	198,508	0.70	101,208	0.36	299,716	1.06

*US Census Population Estimates

Table 3.1-3
Projected Regional Per Capita Landfilled/Recycled Waste

	Population	M+C+R tons/capita	M+C+R tonnage	5 waste streams tonnage	"Gross Discards"	Recycling tons/capita	Recycled tons	Landfilled Tons
2020	282,471	1.06	299,716	100,176	399,892	0.36	101,208	298,684
2030	274,579	1.06	291,054	100,176	391,230	0.36	98,380	292,849
2040	265,643	1.06	281,582	100,176	381,758	0.36	95,631	286,126

*Average Population and waste from Table 3.1-2 and Population Estimates from Table 1.2

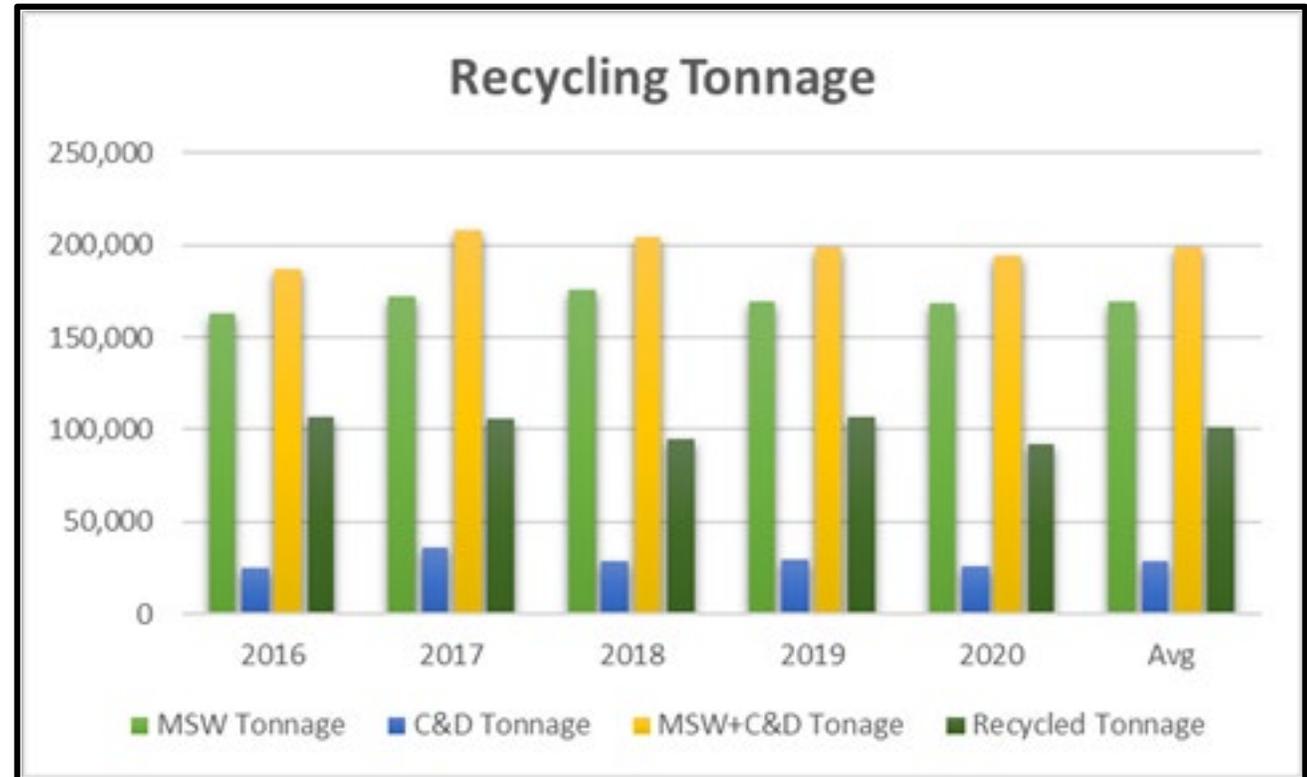
** M = Municipal Solid Waste, C = Construction & Demolition Waste, R = Recycling

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Recycling Percentage and Tonnage

**Table 3.1-1
Recycling Percentage**

	MSW Tonnage	C&D Tonnage	MSW+C&D Tonnage	Recycled Tonnage	% Recycled
2016	162,639	24,473	187,112	106,607	56.9%
2017	172,297	35,872	208,170	106,102	50.9%
2018	175,625	28,646	204,271	94,912	46.5%
2019	169,736	29,191	198,927	106,825	53.7%
2020	168,009	26,051	194,059	91,593	47.2%
Avg.	169,661	28,847	198,508	101,208	51.0%



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County Recycling Programs

Columbia

- Provides advice and technical assistance to their municipalities, along with education programs
- 4 communities with recycling drop-off sites and also 6 composting sites

Lycoming

- Lycoming County Resource Management Services offers a wide variety of services to its county residents and residents in surrounding counties

Montour

- Provides assistance to its 11 municipalities concerning recycling, composting, solid waste management and in holding recycling events.
- Danville Borough drop-off and curbside recycling program

Snyder

- Serval county municipalities provide resident with drop-off-recycling locations, education and periodic special events

Union

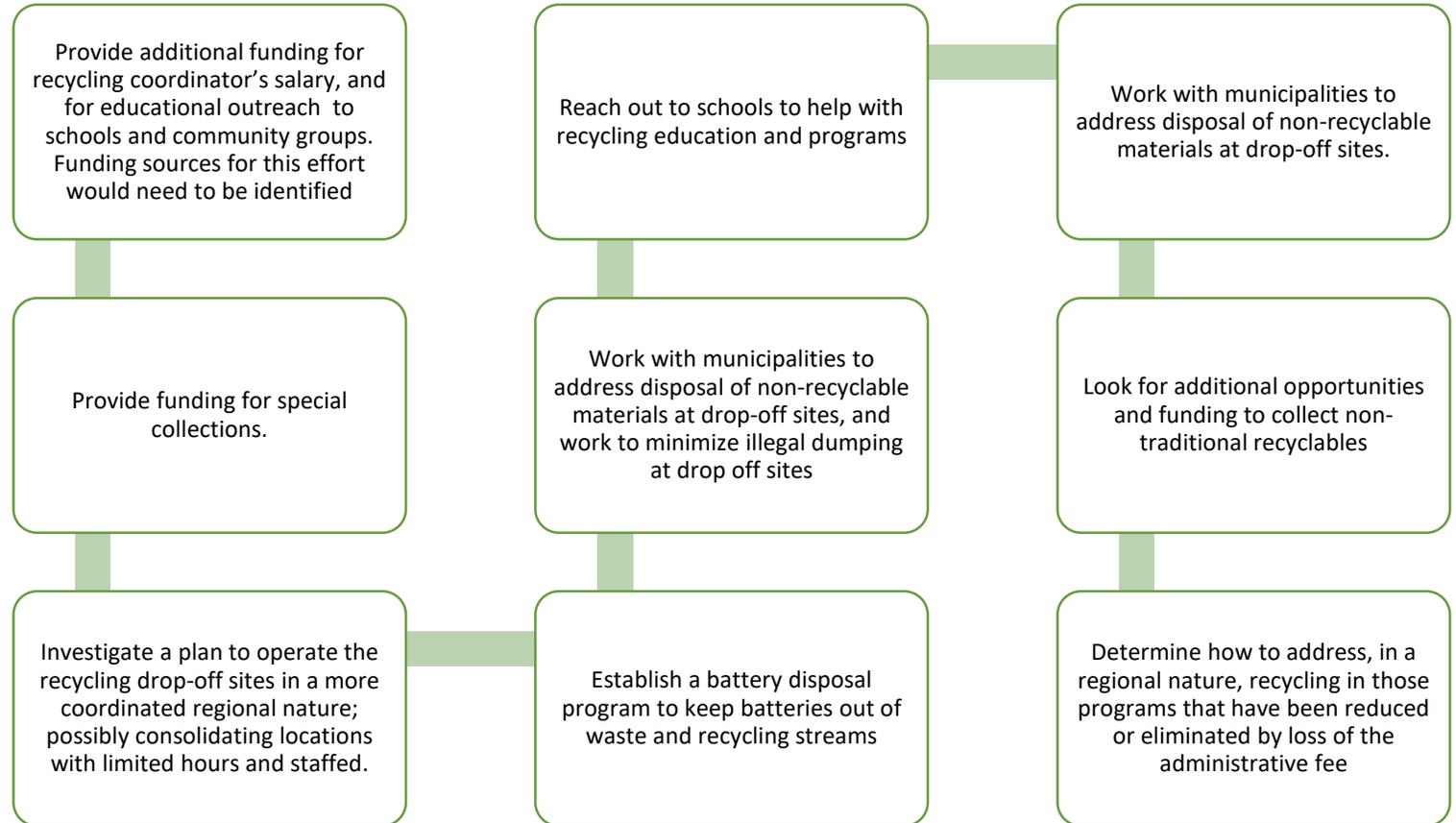
- Provides a series of drop-off locations throughout the county, with two locations containing curbside collection
- Lewisburg Borough operates yard waste drop-off and leaf collection

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Plan Recommendations for County Programs

Serval Recommendations targeted at specific County Programs were made in the plan. Highlighted recommendations mention:

- Need for Additional Funding for recycling coordinator and special collections
- Assistance for municipalities to address disposal of non-recyclable materials
- Plan coordination need to operate recycling drop-off sites
- Need for Battery Disposal Program

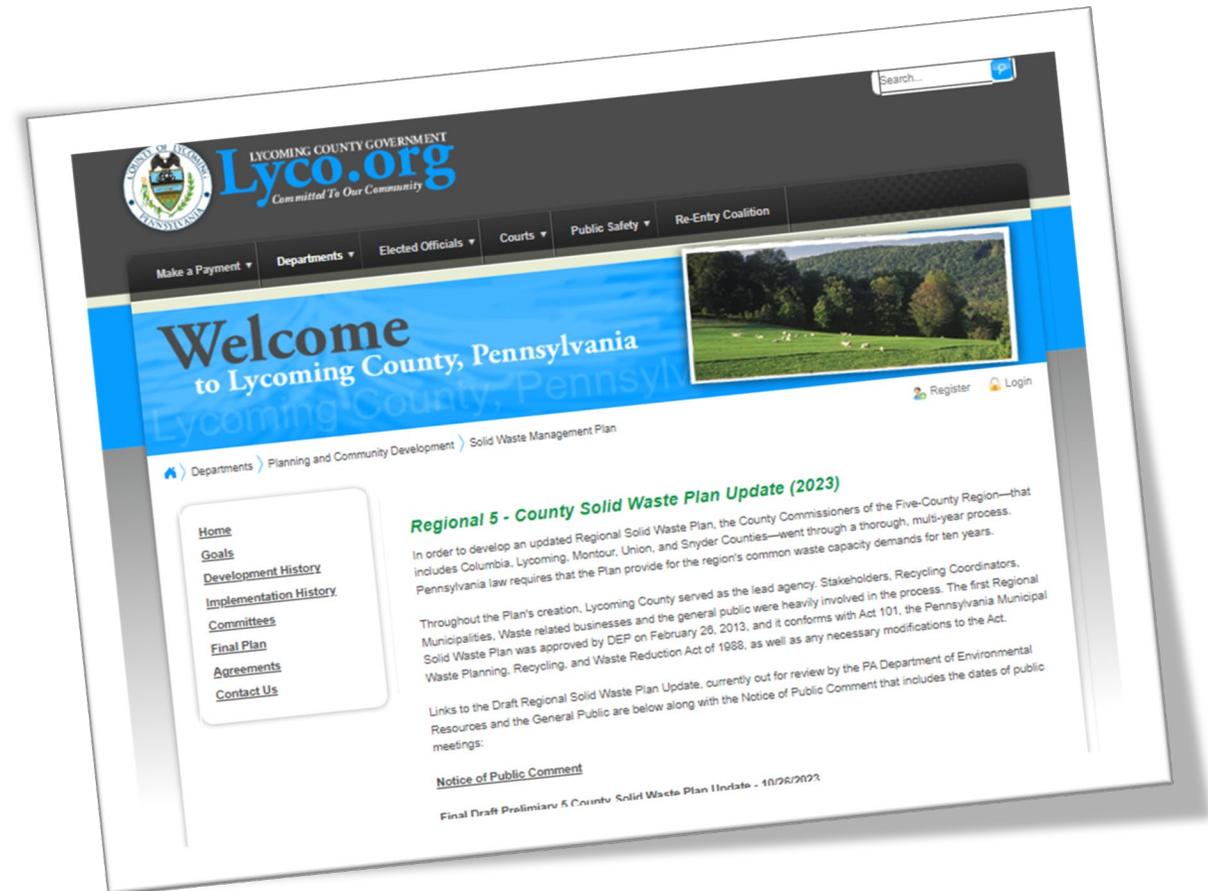


Regional Solid Waste Management Plan

Plan Website

Review the Plan on the Web

- Link:
<https://www.lyco.org/Departments/Planning-and-Community-Development/Solid-Waste-Management-Plan>
- Full Text of the Plan
- Appendixes
- Plan Maps
- Presentation
- Staff Contact Information



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Presentation Questions

Questions?

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