

Lycoming County Forest Buffer Summary

100 ft. Width

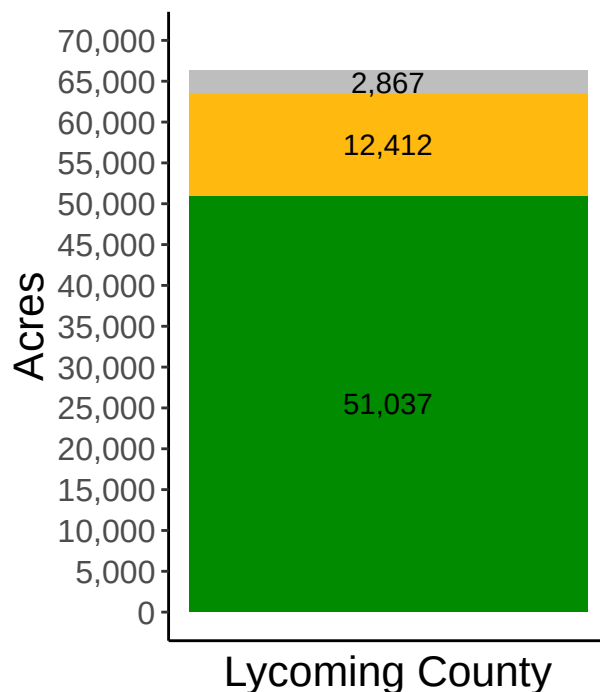
Created by: Chesapeake Conservancy, February 2019

Data Description

The buffer analysis is based on two Geospatial Information Systems (GIS) datasets created by Chesapeake Conservancy and partners. The enhanced flow path water network dataset was derived from 2006 & 2008 PAMAP Statewide digital elevation models (DEMs), developed from Lidar data. Channel heads were assigned where upslope drainage accumulation reached 60 acres. Flow paths were widened based on US Geological Survey regional curves and enhanced with high-resolution land cover. The high-resolution land cover dataset was derived from 2013 National Agriculture Inventory Program imagery. Both datasets have a spatial resolution of 1 meter. Pixels from the high-resolution land cover dataset within 35 ft. and 100 ft. distances of the enhanced flow path water network were considered in the buffer analysis. For more information and to download datasets, go to www.ChesapeakeConservancy.org and search for “data downloader.”

County Summary

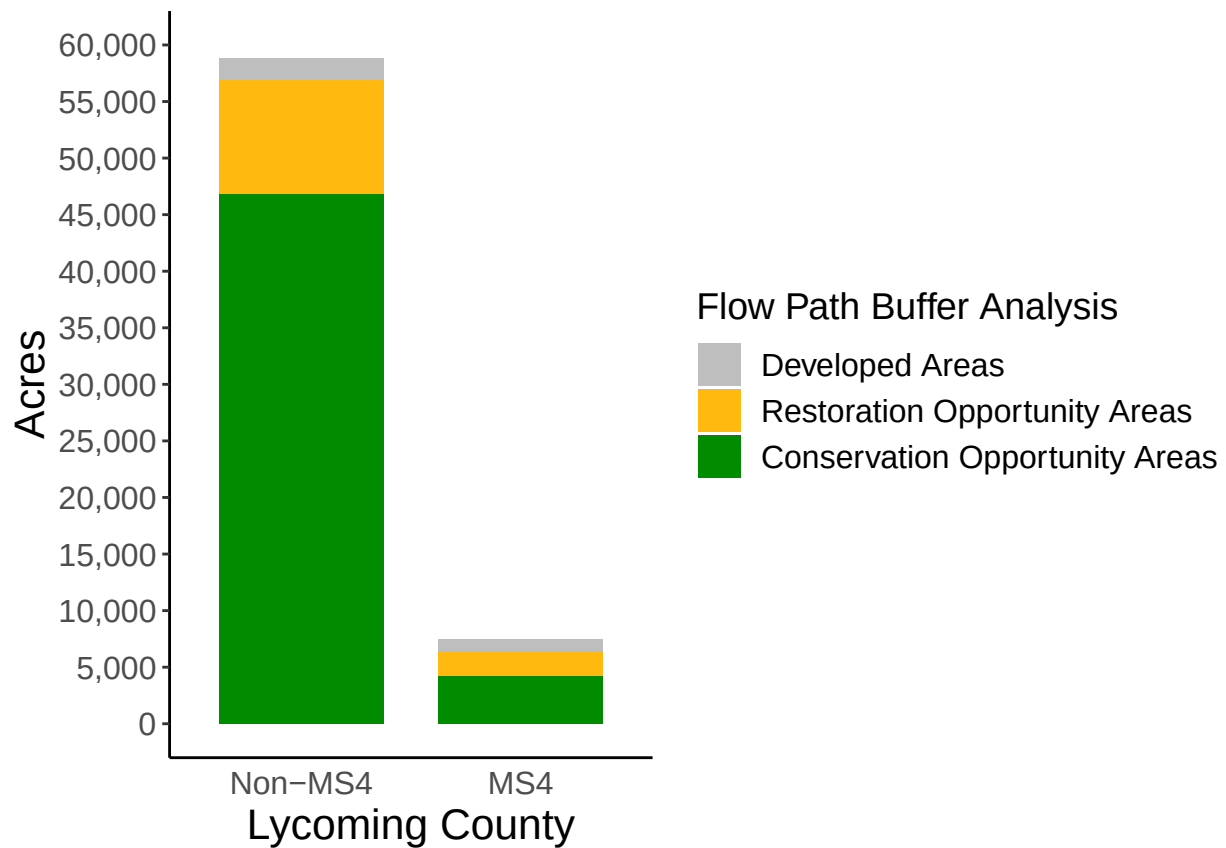
Lycoming County contains a total of 12,412 acres of flow path restoration opportunity area, and has 76.96% forest buffer coverage. Lycoming County has complete buffer data coverage.



Buffer classes	Land cover classes
Developed flow path areas	Structures
	Impervious surfaces
	Impervious roads
	Tree canopy over structures
	Tree canopy over impervious surfaces
Flow path restoration opportunity areas	Wetlands
	Low vegetation
	Barren
Flow path conservation opportunity areas	Tree canopy
	Shrubland

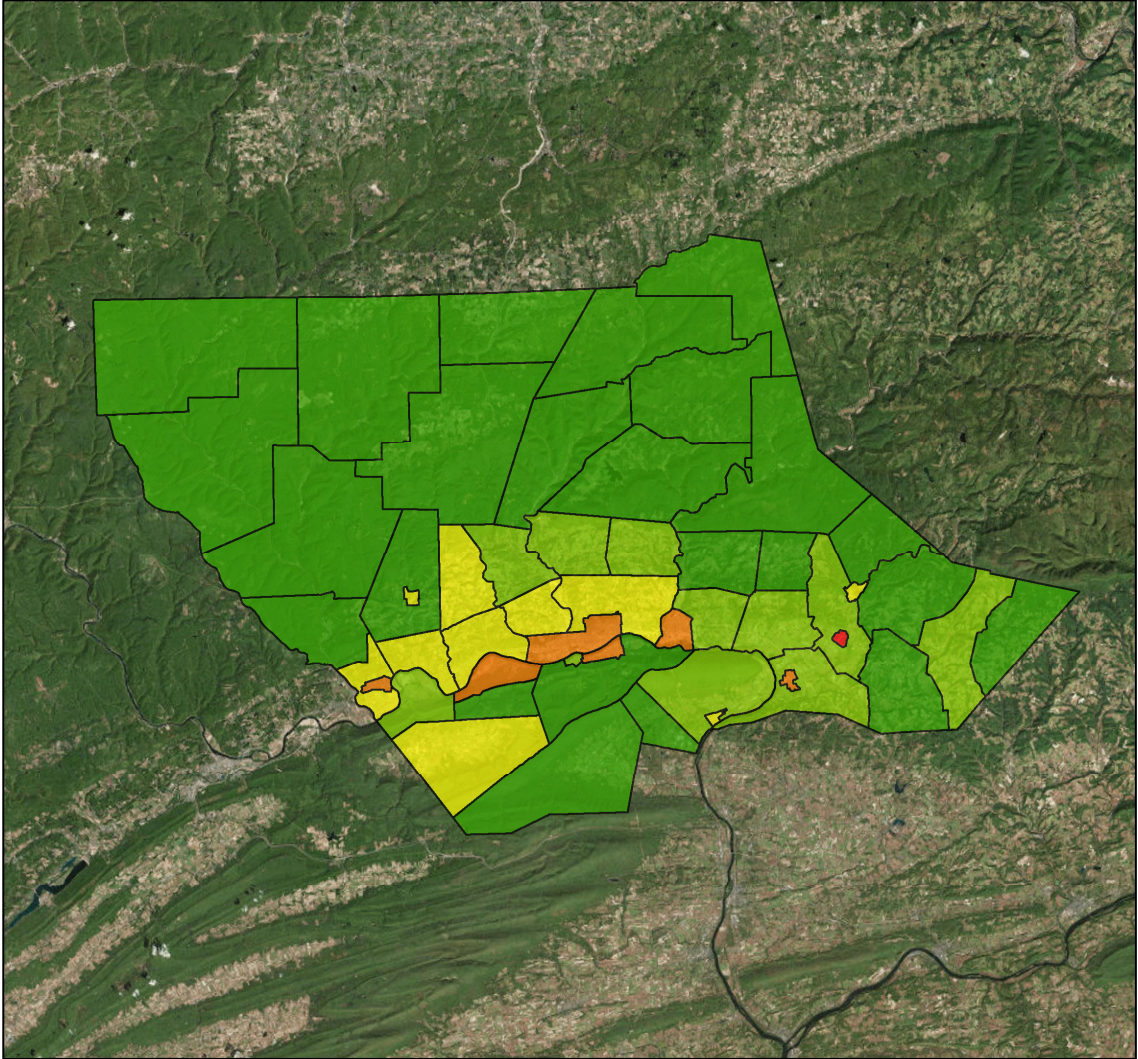
Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

Totals by Municipalities

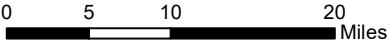


Averages for MS4 and Non-MS4 Municipalities

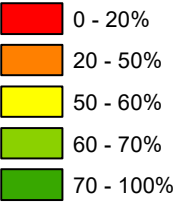
	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	1142	383
Restoration Opportunity Areas (Acres)	247	207
Developed Areas (Acres)	45	91
Total Buffer Acres	1435	682
Percent Forest Buffer Coverage (%)	70.55	53.97



Lycoming County Municipalities



100' Buffer Coverage (%)

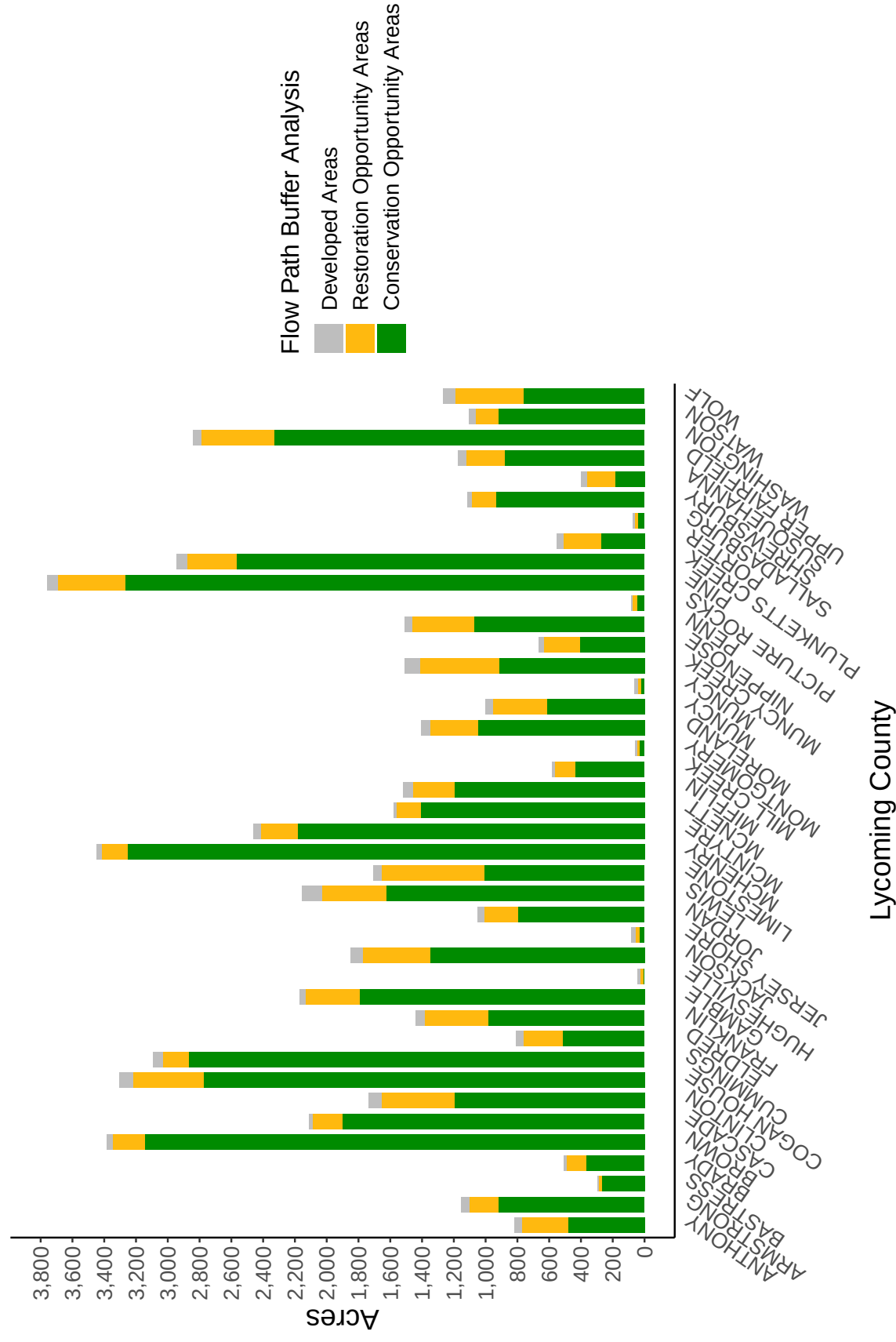


Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
ANTHONY	0	820	479	293	49	58.35
ARMSTRONG	0	1,154	920	179	54	79.79
BASTRESS	0	298	268	23	6	90.04
BRADY	0	508	365	128	15	71.76
BROWN	0	3,385	3,143	205	36	92.87
CASCADE	0	2,113	1,902	187	24	90.01
CLINTON	0	1,736	1,195	460	82	68.83
COGAN HOUSE	0	3,306	2,774	444	88	83.91
CUMMINGS	0	3,092	2,868	162	61	92.78
ELDRED	0	808	517	245	46	64.02
FRANKLIN	0	1,439	985	395	59	68.45
GAMBLE	0	2,168	1,792	339	37	82.65
HUGHESVILLE	0	40	8	18	15	19.25
JACKSON	0	1,850	1,348	425	77	72.86
JERSEY SHORE	0	82	32	25	25	39.55
JORDAN	0	1,052	797	214	40	75.81
LEWIS	0	2,153	1,626	403	124	75.51
LIMESTONE	0	1,708	1,009	647	52	59.04
MCHENRY	0	3,447	3,252	164	32	94.32
MCINTYRE	0	2,460	2,186	227	47	88.86
MCNETT	0	1,579	1,406	155	18	89.02
MIFFLIN	0	1,517	1,195	260	63	78.75
MILL CREEK	0	583	438	126	18	75.16
MONTGOMERY	0	61	33	16	12	53.99
MORELAND	0	1,405	1,051	297	58	74.77
MUNCY	0	1,000	617	336	47	61.68
MUNCY	0	65	19	24	22	28.99
MUNCY CREEK	0	1,508	914	499	95	60.61
NIPPENOSE	0	664	406	228	31	61.14
PENN	0	1,508	1,073	386	49	71.16
PICTURE ROCKS	0	85	47	28	9	55.89
PINE	0	3,760	3,269	423	69	86.93
PLUNKETTS CREEK	0	2,944	2,565	314	65	87.13
PORTER	0	551	277	232	42	50.24
SALLADASBURG	0	72	42	19	11	58.04

(continued)

Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
SHREWSBURY	0	1,114	936	153	26	84.01
SUSQUEHANNA	0	401	183	179	39	45.57
UPPER FAIRFIELD	0	1,172	882	239	52	75.24
WASHINGTON	0	2,840	2,328	462	50	81.97
WATSON	0	1,103	919	144	41	83.31
WOLF	0	1,269	763	429	77	60.15
DUBOISTOWN	1	52	35	11	7	66.69
FAIRFIELD	1	724	485	202	36	67.05
HEPBURN	1	1,014	667	278	69	65.82
LOYALSOCK	1	1,276	748	376	153	58.62
LYCOMING	1	981	652	282	47	66.42
MONTOURSVILLE	1	353	157	132	64	44.33
OLD LYCOMING	1	585	295	190	100	50.42
PIATT	1	654	387	208	59	59.16
SOUTH WILLIAMSPORT	1	171	50	61	59	29.22
WILLIAMSPORT	1	809	240	233	337	29.60
WOODWARD	1	878	495	308	75	56.38

Non-MS4 Regulated Municipalities



MS4 Regulated Municipalities

