

Chesapeake Bay Watershed Nutrient Trends and Goals

State/District	Sector	Nitrogen Loads in Pounds				Phosphorus Loads in Pounds			
		1985	2009	2017	2025 Target	1985	2009	2017	2025 Target
New York	Agriculture	10,357,285	7,328,276	6,601,411		404,233	187,396	171,451	
New York	Developed	1,540,050	1,942,730	2,001,316		64,970	73,448	73,032	
New York	Wastewater	3,319,407	1,955,512	2,437,084		363,036	214,472	139,308	
New York	Septic	161,079	177,207	176,314		0	0	0	
New York	Natural	3,294,822	3,102,523	3,101,558		358,247	261,955	248,580	
New York	All Sources	18,672,643	14,506,247	14,317,683	11,533,018	1,190,486	737,271	632,372	587,326
Pennsylvania	Agriculture	76,587,104	62,876,782	63,292,073		2,465,652	1,737,423	1,579,945	
Pennsylvania	Developed	11,240,175	14,760,447	15,374,611		314,632	431,691	435,714	
Pennsylvania	Wastewater	13,329,342	14,417,809	8,114,705		1,849,085	1,109,266	689,811	
Pennsylvania	Septic	1,526,442	1,870,763	1,941,243		0	0	0	
Pennsylvania	Natural	19,336,192	18,783,705	18,591,328		1,416,281	1,184,266	1,095,373	
Pennsylvania	All Sources	122,019,256	112,709,507	107,313,961	73,175,692	6,045,650	4,462,646	3,800,842	3,043,906
Maryland	Agriculture	34,272,099	22,978,436	22,376,859		1,890,831	701,705	645,859	
Maryland	Developed	6,590,782	9,009,369	9,351,599		604,031	685,732	673,835	
Maryland	Wastewater	32,218,029	14,396,666	11,306,504		2,639,701	784,040	512,229	
Maryland	Septic	2,123,636	3,046,890	3,090,474		123	651	664	
Maryland	Natural	8,867,000	8,081,054	8,098,301		2,287,295	1,875,517	1,832,490	
Maryland	All Sources	84,071,546	57,512,415	54,223,737	45,783,540	7,421,981	4,047,644	3,665,077	3,679,925
Virginia	Agriculture	24,955,425	20,407,591	19,726,462		2,431,704	1,618,795	1,568,470	
Virginia	Developed	6,692,618	10,143,140	10,805,130		740,817	1,241,267	1,328,617	
Virginia	Wastewater	37,619,836	22,529,974	12,742,822		7,708,829	1,780,191	947,346	
Virginia	Septic	1,333,419	1,970,591	2,117,300		1,243	1,243	1,243	
Virginia	Natural	13,692,855	13,049,459	12,763,352		2,664,922	2,348,565	2,276,485	
Virginia	All Sources	84,294,154	68,100,754	58,155,065	55,725,441	13,547,516	6,990,061	6,122,161	6,192,384
West Virginia	Agriculture	4,291,552	3,272,061	3,085,736		273,688	144,585	122,145	
West Virginia	Developed	716,200	1,232,259	1,206,985		32,724	73,029	59,684	
West Virginia	Wastewater	753,177	668,966	574,004		163,168	181,387	46,890	
West Virginia	Septic	205,134	323,607	330,193		7	7	59	
West Virginia	Natural	2,748,987	2,567,753	2,573,339		287,086	225,115	200,275	
West Virginia	All Sources	8,715,051	8,064,646	7,770,256	8,221,298	756,673	624,124	429,053	431,952
Delaware	Agriculture	5,820,611	5,809,903	5,019,938		127,907	63,776	44,094	
Delaware	Developed	416,380	656,874	681,992		16,063	24,947	25,667	
Delaware	Wastewater	74,224	53,175	43,225		3,590	3,334	7,228	
Delaware	Septic	101,275	172,847	179,905		201	201	201	
Delaware	Natural	563,064	557,802	532,471		73,097	47,465	40,879	
Delaware	All Sources	6,975,554	7,250,600	6,457,531	4,550,209	220,856	139,723	118,069	108,446
District of Columbia	Agriculture	0	0	0		0	0	0	
District of Columbia	Developed	164,429	173,099	163,142		13,515	14,959	13,089	
District of Columbia	Wastewater	6,289,206	2,567,723	1,358,842		71,933	53,253	59,270	
District of Columbia	Septic	406	194	173		0	0	0	
District of Columbia	Natural	26,114	23,776	22,479		4,161	4,060	3,820	
District of Columbia	All Sources	6,480,155	2,764,791	1,544,637	2,424,737	89,609	72,272	76,178	130,065
Chesapeake Bay Watershed TOTAL		331,228,358	270,908,960	249,782,870	201,413,934	29,272,771	17,073,741	14,843,751	14,174,003

(Chesapeake Bay Program Phase 6 Watershed Model)