



Milestones and Progress Runs for the Urban Sector

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Urban Stormwater Workgroup Meeting
June 17, 2014



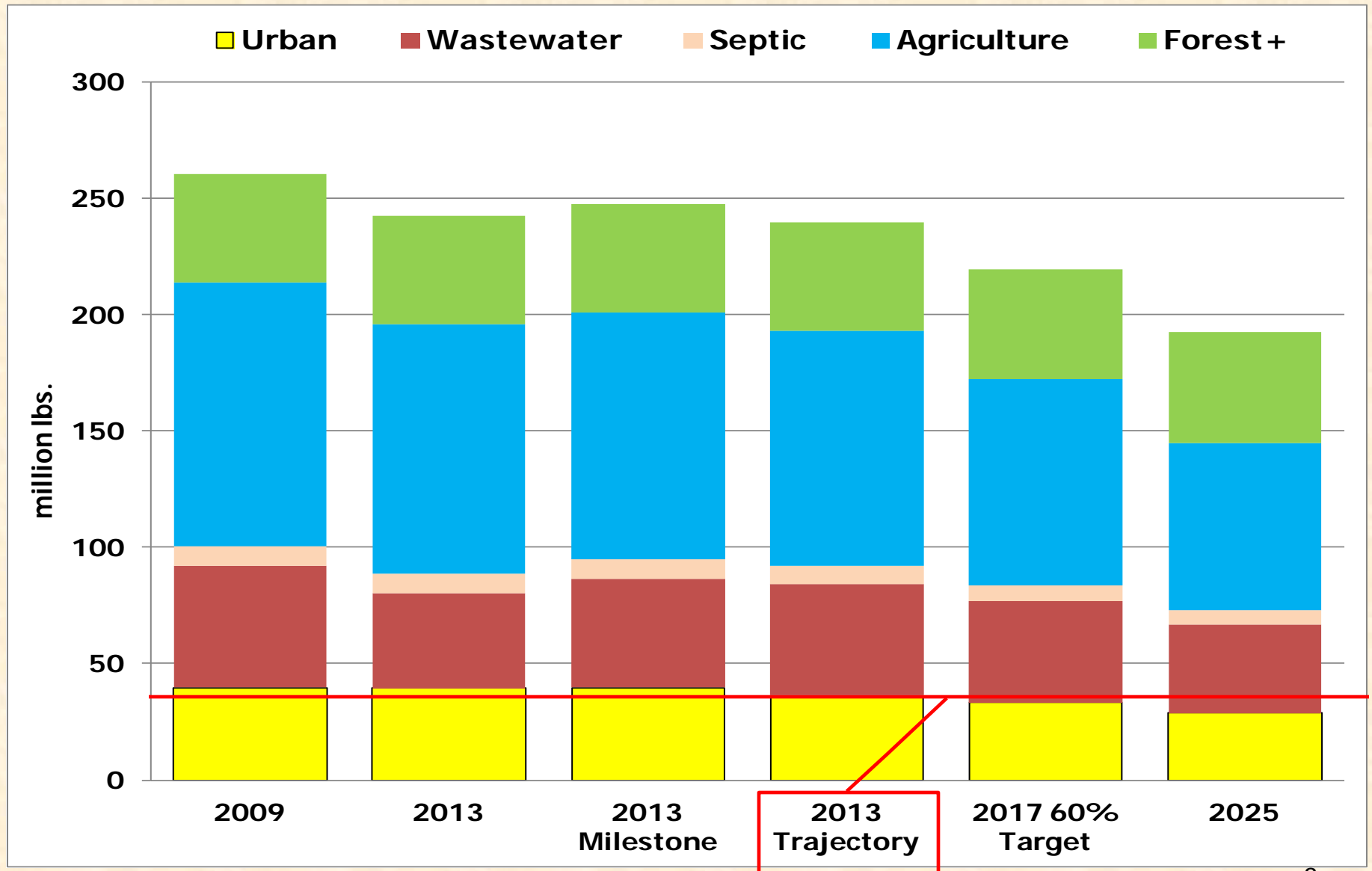
2013 Milestone Numeric Evaluations

For the CBW as a whole:

- Jurisdictions' estimated 2013 urban loads met Milestone scenario targets for N and P but missed for TSS.
- However, estimated 2013 urban loads are not on track to hit 2017 60% reduction goals for N, P and TSS.
 - By 2013, should be at 30% reduction (2009→2025) while loads show:
 - 2% reduction for N
 - 29% reduction for TP
 - 2% increase for TSS

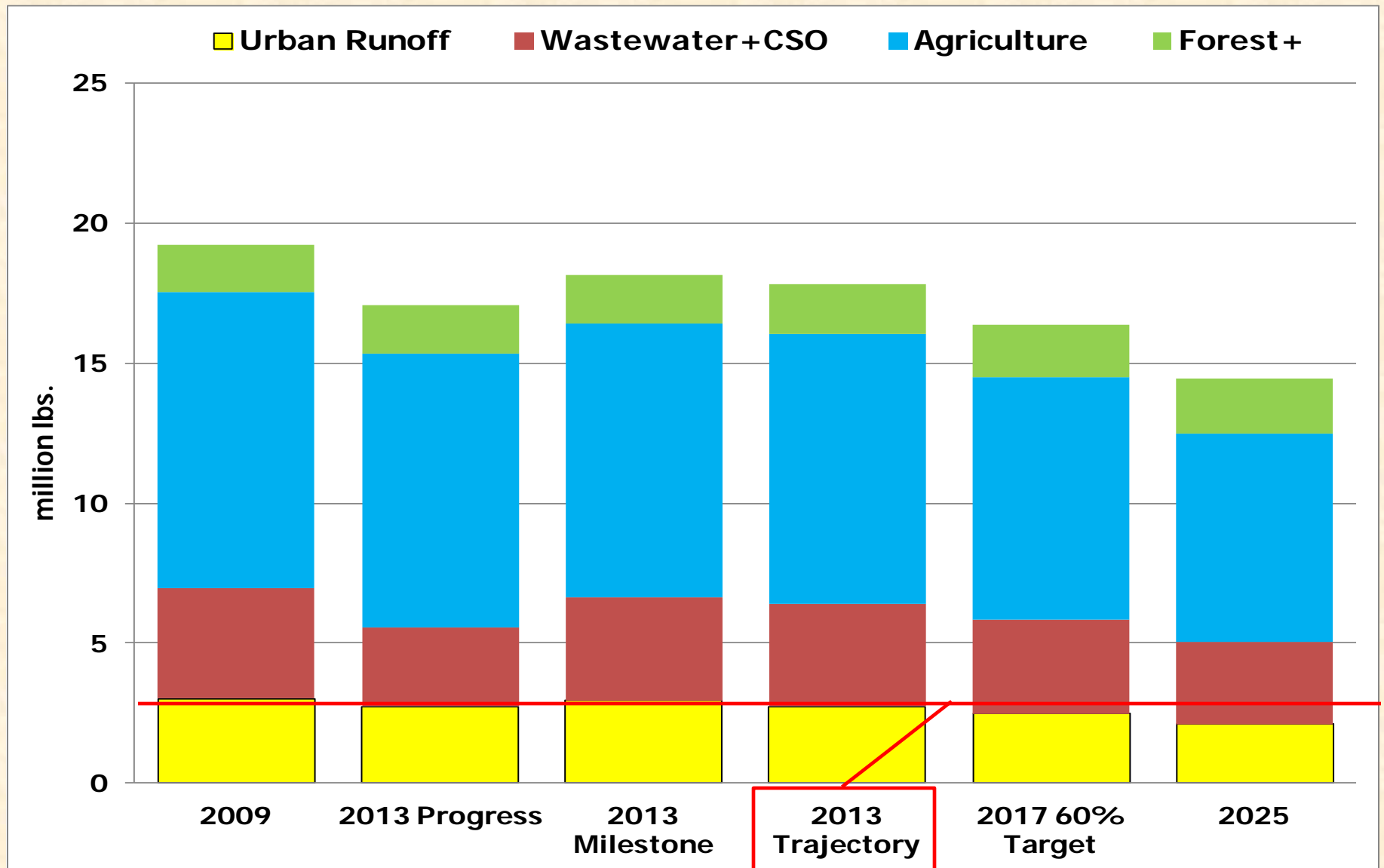


Nitrogen Loads and Goals



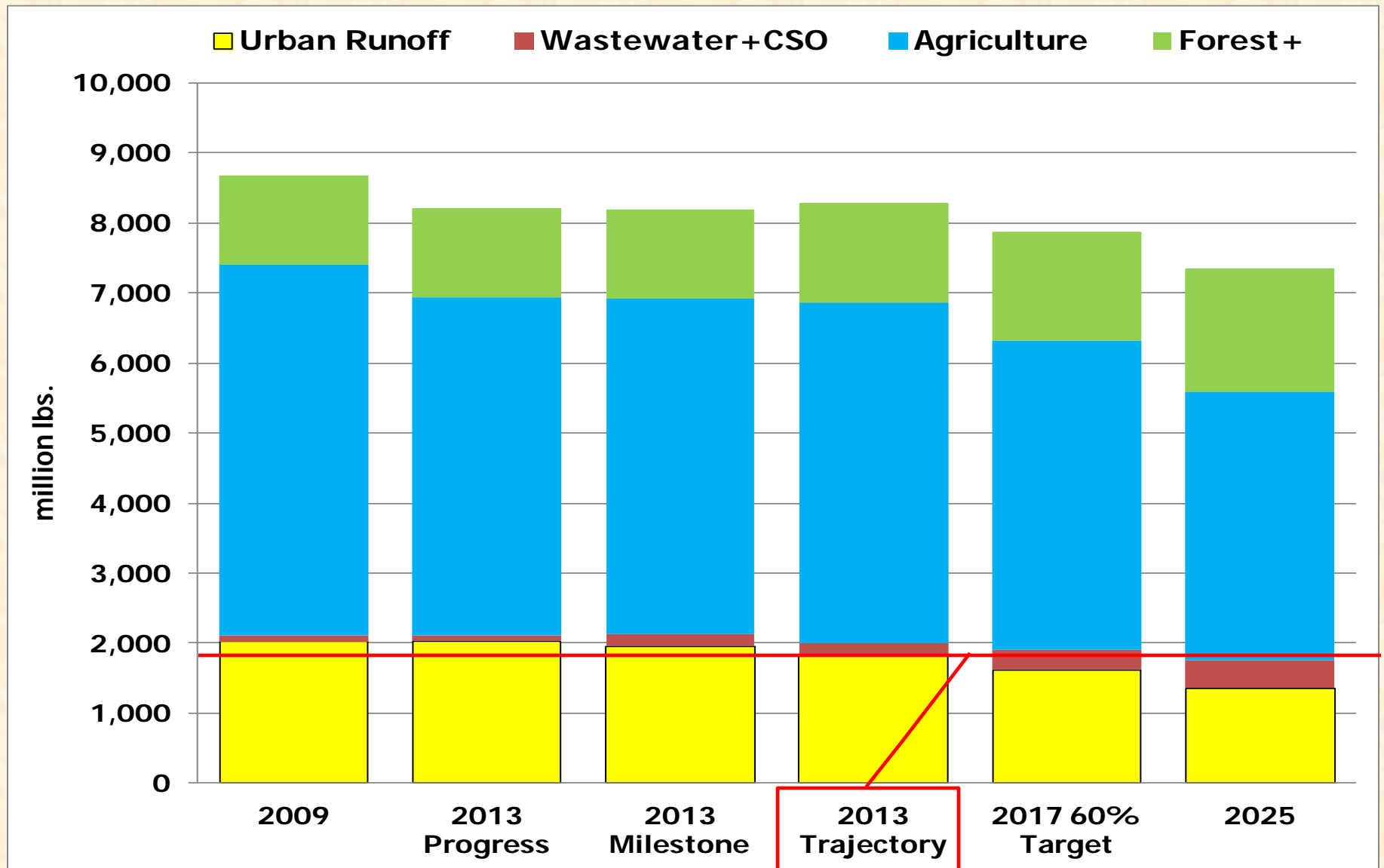


Phosphorus Loads and Goals



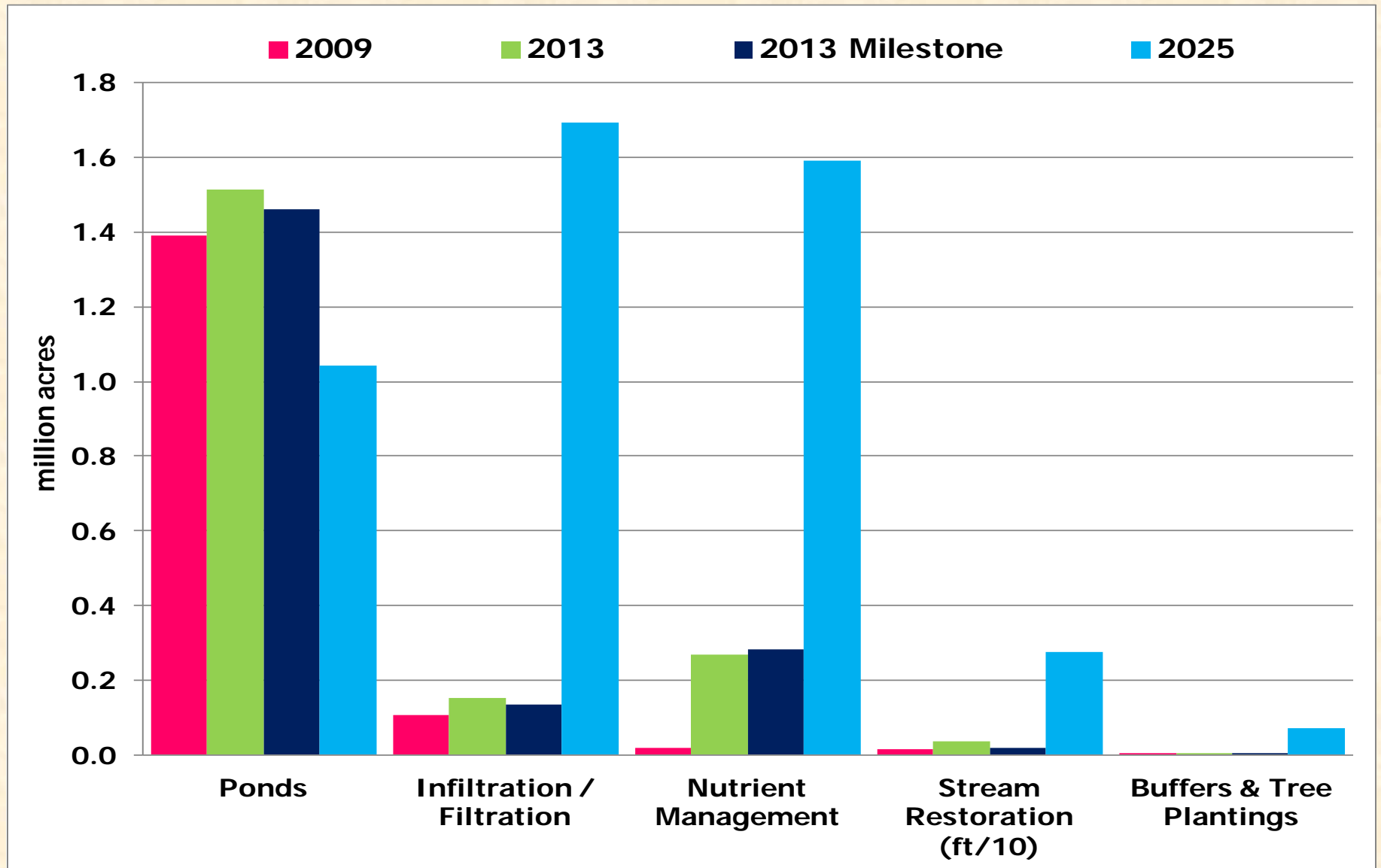


Total Solids Loads and Goals





Urban BMP Implementation





Chesapeake Bay Watershed Loads and Goals

		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
AllJurisdictions	Agriculture	113.80	108.26	107.38	107.28	106.29	101.23	88.67	71.91
AllJurisdictions	Urban Runoff	39.70	40.07	40.76	39.50	39.63	36.42	33.13	28.76
AllJurisdictions	Wastewater+CSO	52.18	44.42	40.88	40.88	46.85	47.88	43.58	37.86
AllJurisdictions	Septic	8.42	8.33	8.75	8.19	8.26	7.78	7.14	6.28
AllJurisdictions	Forest+	46.16	46.21	45.82	46.45	46.32	46.58	47.01	47.58
AllJurisdictions	AllSources	260.25	247.29	243.58	242.31	247.35	239.89	219.53	192.39
		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
AllJurisdictions	Agriculture	10.546	10.449	9.884	9.790	9.794	9.604	8.661	7.404
AllJurisdictions	Urban Runoff	3.010	3.037	2.812	2.750	2.940	2.741	2.472	2.114
AllJurisdictions	Wastewater+CSO	3.972	3.146	2.809	2.809	3.687	3.665	3.358	2.949
AllJurisdictions	Forest+	1.701	1.696	1.684	1.711	1.699	1.787	1.874	1.989
AllJurisdictions	AllSources	19.229	18.328	17.189	17.059	18.120	17.797	16.366	14.457
		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TSS	TSS	TSS	TSS	TSS	TSS	TSS	TSS
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
AllJurisdictions	Agriculture	5,295	4,885	4,800	4,815	4,798	4,855	4,414	3,826
AllJurisdictions	Urban Runoff	2,019	2,046	2,034	2,032	1,957	1,819	1,620	1,353
AllJurisdictions	Wastewater+CSO	87	80	86	86	169	183	279	406
AllJurisdictions	Forest+	1,274	1,268	1,258	1,284	1,270	1,418	1,562	1,755
AllJurisdictions	AllSources	8,675	8,279	8,178	8,217	8,193	8,275	7,874	7,341

2013 Progress bold type = 2013 Progress load meets jurisdiction's 2013 Milestone goal.

 Loads meet trajectory target

 Loads don't meet trajectory target.

2013 Progress (on 2013) uses 2013 background conditions (e.g., landuse areas, animal populations, septic systems).

2013 Progress (on 2010) uses 2010 background conditions and is the primary scenario for assessing whether 2013 Milestone is met



PA Loads and Goals

		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
PA	Agriculture	62.66	59.27	61.20	60.79	58.22	54.54	46.41	35.58
PA	Urban Runoff	17.41	17.46	17.18	17.19	17.26	15.27	13.12	10.26
PA	Wastewater+CSO	12.14	11.48	10.21	10.21	10.54	11.17	10.21	8.92
PA	Septic	2.33	2.14	2.22	2.07	2.13	2.15	1.98	1.74
PA	Forest+	22.10	22.11	21.90	22.07	22.15	22.21	22.33	22.49
PA	AllSources	116.64	112.47	112.71	112.33	110.31	105.34	94.05	79.00
		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
PA	Agriculture	2.716	2.611	2.663	2.599	2.582	2.446	2.176	1.816
PA	Urban Runoff	0.767	0.756	0.689	0.697	0.741	0.664	0.561	0.424
PA	Wastewater+CSO	1.071	0.998	0.767	0.767	0.975	1.018	0.966	0.897
PA	Forest+	0.431	0.431	0.422	0.425	0.432	0.432	0.433	0.435
PA	AllSources	4.984	4.796	4.541	4.487	4.730	4.560	4.136	3.571
		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TSS	TSS	TSS	TSS	TSS	TSS	TSS	TSS
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
PA	Agriculture	1,677	1,559	1,636	1,620	1,498	1,501	1,326	1,092
PA	Urban Runoff	560	546	527	531	530	475	391	278
PA	Wastewater+CSO	21	21	24	24	26	71	121	187
PA	Forest+	386	386	377	381	387	387	388	389
PA	AllSources	2,644	2,513	2,565	2,556	2,440	2,434	2,225	1,945

2013 Progress bold type = 2013 Progress load meets jurisdiction's 2013 Milestone goal.

Loads meet trajectory target

Loads don't meet trajectory target.

2013 Progress (on 2013) uses 2013 background conditions (e.g., landuse areas, animal populations, septic systems).

2013 Progress (on 2010) uses 2010 background conditions and is the primary scenario for assessing whether 2013 Milestone is met



MD Loads and Goals

		2009 Progress	2011 Progress	2013 Progress (on 2013)	2013 Progress (on 2010)	2013 Milestone	2013 Trajectory	2017 Target	2025 Target
		TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
MD	Agriculture	19.76	18.74	17.15	17.28	18.27	18.39	17.02	15.19
MD	Urban Runoff	9.53	9.51	9.53	9.34	9.54	8.86	8.18	7.27
MD	Wastewater+CSO	13.75	12.90	11.95	11.95	14.39	12.79	11.83	10.55
MD	Septic	2.97	3.02	2.95	2.97	2.98	2.64	2.30	1.85
MD	Forest+	5.92	5.98	5.99	6.05	5.98	6.04	6.15	6.30
MD	AllSources	51.95	50.15	47.57	47.59	51.16	48.71	45.48	41.17
		2009 Progress	2011 Progress	2013 Progress (on 2013)	2013 Progress (on 2010)	2013 Milestone	2013 Trajectory	2017 Target	2025 Target
		TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
MD	Agriculture	1.613	1.533	1.561	1.537	1.551	1.562	1.511	1.444
MD	Urban Runoff	0.712	0.725	0.640	0.656	0.722	0.651	0.591	0.511
MD	Wastewater+CSO	0.787	0.680	0.605	0.605	0.674	0.748	0.710	0.659
MD	Forest+	0.190	0.192	0.193	0.195	0.192	0.192	0.194	0.196
MD	AllSources	3.301	3.129	2.999	2.993	3.140	3.154	3.006	2.810
		2009 Progress	2011 Progress	2013 Progress (on 2013)	2013 Progress (on 2010)	2013 Milestone	2013 Trajectory	2017 Target	2025 Target
		TSS	TSS	TSS	TSS	TSS	TSS	TSS	TSS
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
MD	Agriculture	744	650	623	642	681	756	767	782
MD	Urban Runoff	514	545	492	523	541	472	430	374
MD	Wastewater+CSO	12	10	11	11	45	27	42	63
MD	Forest+	125	126	127	129	126	126	128	130
MD	AllSources	1,395	1,332	1,253	1,305	1,394	1,381	1,368	1,350

2013 Progress bold type = 2013 Progress load meets jurisdiction's 2013 Milestone goal.

Loads meet trajectory target

Loads don't meet trajectory target.

2013 Progress (on 2013) uses 2013 background conditions (e.g., landuse areas, animal populations, septic systems).

2013 Progress (on 2010) uses 2010 background conditions and is the primary scenario for assessing whether 2013 Milestone is met



VA Loads and Goals

		2009 Progress	2011 Progress	2013 Progress (on 2013)	2013 Progress (on 2010)	2013 Milestone	2013 Trajectory	2017 Target	2025 Target
		TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
VA	Agriculture	20.73	20.25	18.96	19.02	19.89	18.55	16.36	13.45
VA	Urban Runoff	10.12	10.41	11.28	10.28	10.30	9.72	9.32	8.79
VA	Wastewater+CSO	21.73	16.45	14.98	14.98	16.67	19.58	17.44	14.58
VA	Septic	2.47	2.51	2.76	2.49	2.49	2.35	2.24	2.09
VA	Forest+	13.08	12.99	12.88	13.21	13.06	13.26	13.44	13.68
VA	AllSources	68.13	62.62	60.86	59.97	62.41	63.47	58.80	52.59
		2009 Progress	2011 Progress	2013 Progress (on 2013)	2013 Progress (on 2010)	2013 Milestone	2013 Trajectory	2017 Target	2025 Target
		TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
VA	Agriculture	4.824	5.027	4.449	4.410	4.448	4.318	3.813	3.139
VA	Urban Runoff	1.255	1.293	1.261	1.159	1.262	1.174	1.093	0.985
VA	Wastewater+CSO	1.757	1.148	1.123	1.123	1.506	1.582	1.406	1.173
VA	Forest+	0.836	0.829	0.827	0.848	0.832	0.917	0.997	1.105
VA	AllSources	8.672	8.297	7.660	7.540	8.048	7.991	7.310	6.402
		2009 Progress	2011 Progress	2013 Progress (on 2013)	2013 Progress (on 2010)	2013 Milestone	2013 Trajectory	2017 Target	2025 Target
		TSS	TSS	TSS	TSS	TSS	TSS	TSS	TSS
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
VA	Agriculture	2,410	2,288	2,153	2,165	2,251	2,170	1,929	1,609
VA	Urban Runoff	698	716	801	744	705	636	574	491
VA	Wastewater+CSO	47	42	44	44	88	77	107	146
VA	Forest+	587	581	581	598	582	713	838	1,005
VA	AllSources	3,743	3,627	3,578	3,551	3,625	3,595	3,448	3,251

2013 Progress bold type = 2013 Progress load meets jurisdiction's 2013 Milestone goal.

Loads meet trajectory target

Loads don't meet trajectory target.

2013 Progress (on 2013) uses 2013 background conditions (e.g., landuse areas, animal populations, septic systems).

2013 Progress (on 2010) uses 2010 background conditions and is the primary scenario for assessing whether 2013 Milestone is met



WV Loads and Goals

		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
WV	Agriculture	2.658	2.502	2.366	2.404	2.436	2.542	2.425	2.271
WV	Urban Runoff	0.799	0.846	0.857	0.868	0.701	0.791	0.784	0.773
WV	Wastewater+CSO	0.262	0.296	0.255	0.255	0.526	0.255	0.247	0.237
WV	Septic	0.174	0.180	0.239	0.177	0.178	0.176	0.178	0.181
WV	Forest+	1.572	1.574	1.531	1.578	1.565	1.569	1.566	1.562
WV	AllSources	5.465	5.398	5.247	5.282	5.406	5.333	5.200	5.023
		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
WV	Agriculture	0.5563	0.5052	0.4617	0.4597	0.4743	0.5100	0.4637	0.4019
WV	Urban Runoff	0.1161	0.1056	0.0768	0.0957	0.0597	0.1009	0.0857	0.0655
WV	Wastewater+CSO	0.1089	0.0894	0.0858	0.0858	0.1784	0.0879	0.0670	0.0390
WV	Forest+	0.1181	0.1176	0.1166	0.1186	0.1172	0.1211	0.1241	0.1281
WV	AllSources	0.8994	0.8178	0.7410	0.7598	0.8297	0.8200	0.7405	0.6345
		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TSS	TSS	TSS	TSS	TSS	TSS	TSS	TSS
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
WV	Agriculture	267.69	212.46	206.99	206.83	204.61	240.75	213.82	177.90
WV	Urban Runoff	104.84	97.17	67.52	92.99	42.50	89.06	73.27	52.23
WV	Wastewater+CSO	0.77	0.87	0.74	0.74	2.12	1.18	1.60	2.14
WV	Forest+	72.10	70.74	69.73	72.00	70.44	92.57	113.03	140.32
WV	AllSources	445.41	381.24	344.98	372.56	319.68	423.56	401.72	372.59

2013 Progress bold type = 2013 Progress load meets jurisdiction's 2013 Milestone goal.

Loads meet trajectory target

Loads don't meet trajectory target.

2013 Progress (on 2013) uses 2013 background conditions (e.g., landuse areas, animal populations, septic systems).

2013 Progress (on 2010) uses 2010 background conditions and is the primary scenario for assessing whether 2013 Milestone is met



DE Loads and Goals

		2009 Progress	2011 Progress	2013 Progress (on 2013)	2013 Progress (on 2010)	2013 Milestone	2013 Trajectory	2017 Target	2025 Target
		TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
DE	Agriculture	3.449	3.321	3.518	3.509	3.330	3.129	2.810	2.384
DE	Urban Runoff	0.390	0.387	0.427	0.377	0.372	0.374	0.359	0.338
DE	Wastewater+CSO	0.141	0.041	0.042	0.042	0.217	0.164	0.187	0.217
DE	Septic	0.155	0.159	0.191	0.155	0.154	0.138	0.121	0.098
DE	Forest+	0.340	0.345	0.339	0.347	0.353	0.344	0.349	0.354
DE	AllSources	4.474	4.252	4.518	4.431	4.426	4.149	3.824	3.391
		2009 Progress	2011 Progress	2013 Progress (on 2013)	2013 Progress (on 2010)	2013 Milestone	2013 Trajectory	2017 Target	2025 Target
		TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
DE	Agriculture	0.3106	0.2953	0.3161	0.3141	0.2634	0.2892	0.2677	0.2391
DE	Urban Runoff	0.0209	0.0211	0.0210	0.0188	0.0197	0.0201	0.0193	0.0183
DE	Wastewater+CSO	0.0055	0.0055	0.0063	0.0063	0.0110	0.0072	0.0088	0.0110
DE	Forest+	0.0081	0.0082	0.0081	0.0083	0.0084	0.0082	0.0083	0.0084
DE	AllSources	0.3451	0.3302	0.3516	0.3475	0.3024	0.3246	0.3042	0.2768
		2009 Progress	2011 Progress	2013 Progress (on 2013)	2013 Progress (on 2010)	2013 Milestone	2013 Trajectory	2017 Target	2025 Target
		TSS	TSS	TSS	TSS	TSS	TSS	TSS	TSS
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
DE	Agriculture	63.94	55.84	57.55	58.70	45.07	64.34	64.74	65.28
DE	Urban Runoff	28.84	30.33	35.29	29.88	27.72	28.41	27.97	27.39
DE	Wastewater+CSO	0.20	0.01	0.01	0.01	0.87	0.40	0.60	0.87
DE	Forest+	5.96	6.17	5.88	6.23	6.56	6.05	6.14	6.26
DE	AllSources	98.95	92.36	98.72	94.82	80.22	99.20	99.46	99.79

2013 Progress bold type = 2013 Progress load meets jurisdiction's 2013 Milestone goal.

Loads meet trajectory target

Loads don't meet trajectory target.

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2013 Progress (on 2010) uses 2010 background conditions and is the primary scenario for assessing whether 2013 Milestone is met



NY Loads and Goals

		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
NY	Agriculture	4.536	4.168	4.180	4.279	4.146	4.087	3.638	3.038
NY	Urban Runoff	1.241	1.247	1.265	1.248	1.253	1.211	1.181	1.141
NY	Wastewater+CSO	1.494	1.353	1.901	1.901	2.245	1.402	1.310	1.187
NY	Septic	0.318	0.316	0.391	0.320	0.320	0.318	0.319	0.320
NY	Forest+	3.131	3.198	3.167	3.185	3.188	3.141	3.150	3.164
NY	AllSources	10.719	10.281	10.905	10.934	11.153	10.159	9.598	8.850
		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
NY	Agriculture	0.5268	0.4784	0.4337	0.4705	0.4746	0.4781	0.4294	0.3644
NY	Urban Runoff	0.1224	0.1191	0.1085	0.1073	0.1191	0.1149	0.1075	0.0976
NY	Wastewater+CSO	0.1897	0.1627	0.1777	0.1777	0.2973	0.1522	0.1148	0.0649
NY	Forest+	0.1171	0.1174	0.1163	0.1169	0.1170	0.1168	0.1165	0.1161
NY	AllSources	0.9560	0.8776	0.8361	0.8724	1.0080	0.8621	0.7681	0.6429
		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TSS	TSS	TSS	TSS	TSS	TSS	TSS	TSS
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
NY	Agriculture	132.41	118.82	123.84	122.95	118.73	122.64	112.86	99.82
NY	Urban Runoff	99.83	96.05	97.26	96.33	96.03	105.76	111.70	119.61
NY	Wastewater+CSO	2.62	2.25	3.53	3.53	3.45	2.70	2.77	2.87
NY	Forest+	96.98	97.66	96.67	97.24	97.24	92.54	88.10	82.19
NY	AllSources	331.84	314.78	321.30	320.05	315.44	323.63	315.43	304.49

2013 Progress bold type = 2013 Progress load meets jurisdiction's 2013 Milestone goal.

Loads meet trajectory target

Loads don't meet trajectory target.

2013 Progress (on 2013) uses 2013 background conditions (e.g., landuse areas, animal populations, septic systems).

2013 Progress (on 2010) uses 2010 background conditions and is the primary scenario for assessing whether 2013 Milestone is met



DC Loads and Goals

		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
				(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN	TOTN
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
DC	Agriculture	0	0	0	0	0	0	0	0
DC	Urban Runoff	0.204	0.207	0.218	0.203	0.206	0.196	0.188	0.178
DC	Wastewater+CSO	2.660	1.899	1.548	1.548	2.264	2.511	2.363	2.165
DC	Forest+	0.013	0.013	0.009	0.013	0.013	0.019	0.024	0.031
DC	AllSources	2.877	2.119	1.774	1.764	2.483	2.726	2.575	2.373
		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
		TOTP	TOTP	(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP	TOTP
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
DC	Agriculture	0	0	0	0	0	0	0	0
DC	Urban Runoff	0.0166	0.0171	0.0159	0.0154	0.0169	0.0155	0.0144	0.0129
DC	Wastewater+CSO	0.0541	0.0623	0.0443	0.0443	0.0446	0.0697	0.0854	0.1062
DC	Forest+	0.0004	0.0004	0.0003	0.0004	0.0004	0.0005	0.0007	0.0009
DC	AllSources	0.0711	0.0798	0.0605	0.0601	0.0619	0.0857	0.1004	0.1200
		2009 Progress	2011 Progress	2013 Progress	2013 Progress	2013	2013	2017	2025
		TSS	TSS	(on 2013)	(on 2010)	Milestone	Trajectory	Target	Target
		TSS	TSS	TSS	TSS	TSS	TSS	TSS	TSS
Jurisdiction	Source	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)	(M lbs/year)
DC	Agriculture	0	0	0	0	0	0	0	0
DC	Urban Runoff	13.28	14.97	13.92	14.12	14.82	12.63	11.99	11.14
DC	Wastewater+CSO	3.21	3.58	2.95	2.95	2.94	3.60	3.98	4.49
DC	Forest+	0.46	0.43	0.24	0.45	0.44	0.85	1.24	1.76
DC	AllSources	16.95	18.97	17.10	17.52	18.20	17.08	17.21	17.39

2013 Progress bold type = 2013 Progress load meets jurisdiction's 2013 Milestone goal.

Loads meet trajectory target

Loads don't meet trajectory target.

2013 Progress (on 2013) uses 2013 background conditions (e.g., landuse areas, animal populations, septic systems).

2013 Progress (on 2010) uses 2010 background conditions and is the primary scenario for assessing whether 2013 Milestone is met



Milestone Evaluations

For 2014 Progress reporting, beginning Fall 2014:

- Should consider differentiation in implementation between MS4 and non-MS4.
- Report using the performance standards approaches:
 - New State Stormwater Performance Standards
http://www.chesapeakebay.net/documents/Final_CBP_Approved_Expert_Panel_Report_on_Stormwater_Performance_Standards_LONG.pdf
 - Urban Stormwater Retrofit Projects
http://www.chesapeakebay.net/documents/Final_CBP_Approved_Expert_Panel_Report_on_Stormwater_Retrofits--_long.pdf
- Incorporate data from MS4 annual reports into progress reporting.



2015 Milestone Numeric Evaluations

For the CBW as a whole:

- 2015 Milestone urban loads continue to not be on track to hit 2017 60% reduction goals for N, P and TSS.
 - By 2015, should be at 45% reduction (2009→2025) while loads show:
 - 8% increase for N
 - 38% reduction for TP
 - 22% reduction for TSS



Milestone Evaluations

For future progress toward Milestone goals:

- Need to be sure that changes in implementation are supported by programmatic milestones = strong connection between numeric and programmatic.
- Where reporting fertilizer legislation and/or urban nutrient management, will need data to back up reported reductions in N and P → non-farm fertilizer sales.



Milestone Evaluations

- Loading and BMP information for 2015 Milestones will be on ChesapeakeStat in July
<http://stat.chesapeakebay.net/>
- Full evaluations and fact sheets will be available 6/26/14 on EPA's Bay TMDL website
<http://www.epa.gov/chesapeakebaytmdl/>
 - Will use future USWG meetings to discuss EPA's findings in more detail – as with other workgroups and WQGIT.