



# 2012 Progress Toward 2013 Milestones Model Loads

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Chesapeake Bay Program  
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# Progress Toward 2013 Milestones

## Nitrogen Loads

	2011 Progress	2012 Progress	2011 w/ 2010 Background	2012 w/ 2010 Background	2013 Milestone (w/ 2010 Background)
	Del TOTN (mil lbs/year)	Del TOTN (mil lbs/year)	Del TOTN (mil lbs/year)	Del TOTN (mil lbs/year)	Del TOTN (mil lbs/year)
PA	112.468	111.363	112.319	111.134	110.307
MD	50.151	49.962	50.173	50.083	51.157
VA	62.622	61.250	62.594	60.927	62.413
WV	5.398	5.217	5.409	5.361	5.406
DE	4.252	4.211	4.220	4.133	4.426
NY	10.281	11.106	10.354	11.322	11.153
DC	2.119	1.778	2.118	1.777	2.483
AllJurisdictions	247.292	244.886	247.187	244.738	247.346
	Delta w/ 2013 Milestone	Delta w/ 2013 Milestone	Delta w/ 2013 Milestone	Delta w/ 2013 Milestone	
PA	2.161	1.057	2.012	0.827	
MD	-1.007	-1.196	-0.984	-1.074	
VA	0.209	-1.164	0.181	-1.486	
WV	-0.008	-0.190	0.002	-0.046	
DE	-0.174	-0.215	-0.206	-0.293	
NY	-0.872	-0.047	-0.799	0.169	
DC	-0.364	-0.705	-0.365	-0.706	
AllJurisdictions	-0.055	-2.460	-0.159	-2.608	



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# Progress Toward 2013 Milestones

## Phosphorus Loads

	2011 Progress	2012 Progress	2011 w/ 2010 Background	2012 w/ 2010 Background	2013 Milestone (w/ 2010 Background)
	Del TOTP (mil lbs/year)	Del TOTP (mil lbs/year)	Del TOTP (mil lbs/year)	Del TOTP (mil lbs/year)	Del TOTP (mil lbs/year)
PA	4.796	4.541	4.787	4.518	4.730
MD	3.129	3.182	3.127	3.167	3.140
VA	8.297	8.180	8.264	8.089	8.048
WV	0.818	0.783	0.811	0.788	0.830
DE	0.330	0.323	0.328	0.315	0.302
NY	0.878	0.896	0.879	0.921	1.008
DC	0.080	0.067	0.080	0.067	0.062
AllJurisdictions	18.328	17.972	18.275	17.865	18.120
	Delta w/ 2013 Milestone	Delta w/ 2013 Milestone	Delta w/ 2013 Milestone	Delta w/ 2013 Milestone	
PA	0.066	-0.189	0.057	-0.212	
MD	-0.011	0.042	-0.013	0.027	
VA	0.249	0.132	0.215	0.040	
WV	-0.012	-0.047	-0.019	-0.042	
DE	0.028	0.020	0.026	0.013	
NY	-0.130	-0.112	-0.129	-0.087	
DC	0.018	0.005	0.018	0.005	
AllJurisdictions	0.208	-0.148	0.156	-0.255	



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# Progress Toward 2013 Milestones

## TSS Loads

	2011 Progress	2012 Progress	2011 w/ 2010 Background	2012 w/ 2010 Background	2013 Milestone (w/ 2010 Background)
	Del TSS (mil lbs/year)	Del TSS (mil lbs/year)	Del TSS (mil lbs/year)	Del TSS (mil lbs/year)	Del TSS (mil lbs/year)
PA	2,513	2,554	2,530	2,559	2,440
MD	1,332	1,373	1,351	1,390	1,394
VA	3,627	3,540	3,672	3,576	3,625
WV	381	351	385	372	320
DE	92	91	93	92	80
NY	315	317	317	321	315
DC	19.0	18.5	18.8	18.4	18.2
AllJurisdictions	8,279	8,244	8,367	8,328	8,193
	Delta w/ 2013 Milestone	Delta w/ 2013 Milestone	Delta w/ 2013 Milestone	Delta w/ 2013 Milestone	
PA	73	114	90	119	
MD	-63	-21	-43	-4	
VA	2	-86	47	-50	
WV	62	32	65	53	
DE	12	11	13	11	
NY	-1	2	2	5	
DC	0.8	0.3	0.6	0.2	
AllJurisdictions	86	51	174	134	



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# Progress Toward 2013 Milestones

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- Programmatic = EPA Chesapeake Bay TMDL website
  - <http://www.epa.gov/reg3wapd/tmdl/ChesapeakeBay/EnsuringResults.html> "Two Year Milestones" tab
  - <http://www.epa.gov/reg3wapd/tmdl/ChesapeakeBay/RestorationUnderway.html> under the individual state tabs
- Model Loads
- Model BMPs
- Nested with progress toward TMDL and meeting water quality standards:
  - Non-tidal load trends (monitored)
  - Tidal monitoring