



Ozone Season Summary

2014

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MWAQC-TAC

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Ozone Season Summary

Peak 8-Hour Ozone Concentrations (ppb)

Since April 1, 2014, there have been:

8 Code Yellow Days

31 Code Green Days

April

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		1	2	3	4	5
		54	53	52	51	51
6	7	8	9	10	11	12
53	44	54	63	66	71	65
13	14	15	16	17	18	19
62	52	42	49	51	49	61
20	21	22	23	24	25	26
56	56	56	46	55	62	56
27	28	29	30			
59	47	43	39			

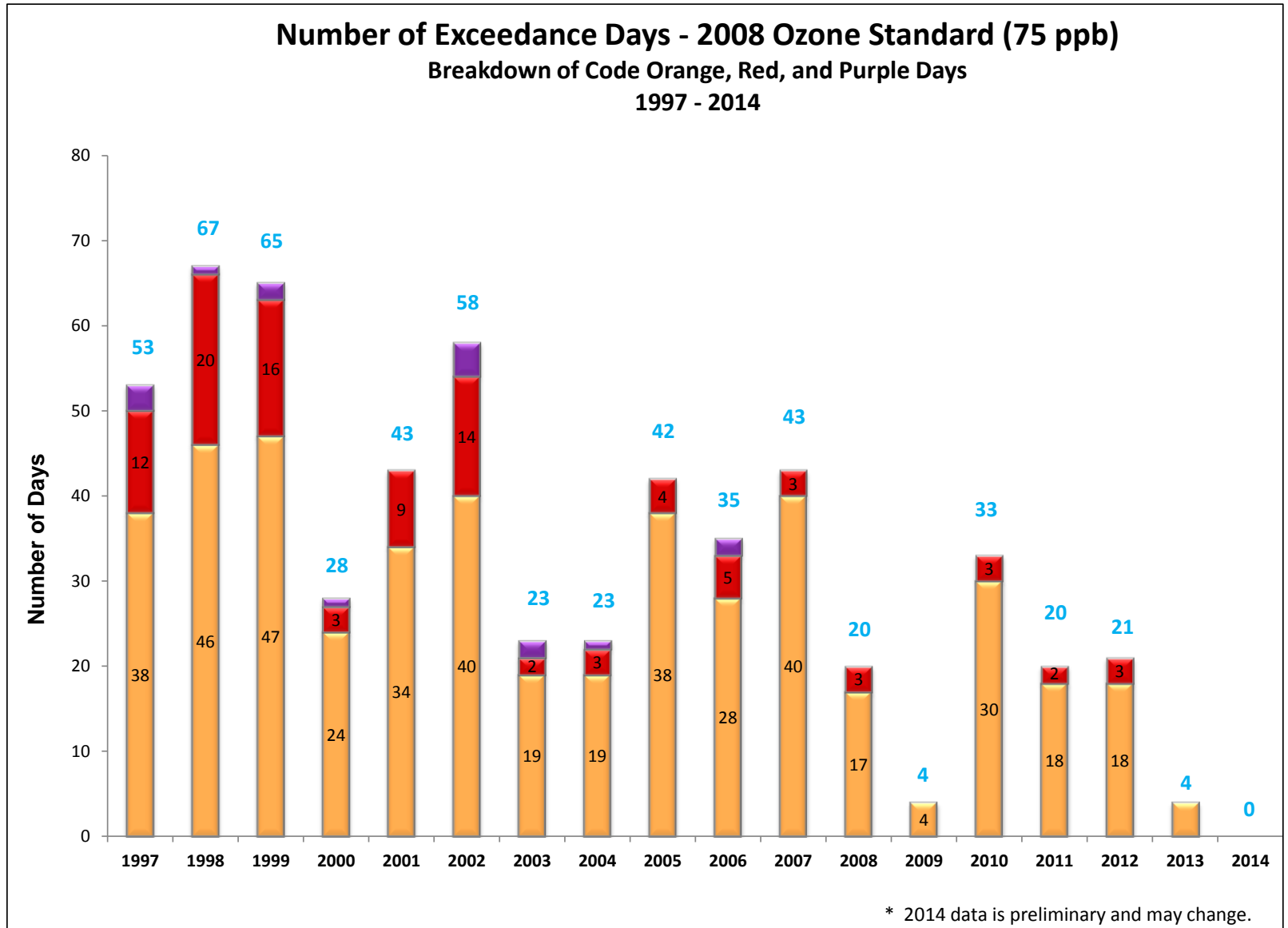
May

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2	3
				53	55	57
4	5	6	7	8	9	10
56	49	57	51	63	48	
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

•Analysis is based on draft data until May 9, 2014. Data is subject to change.



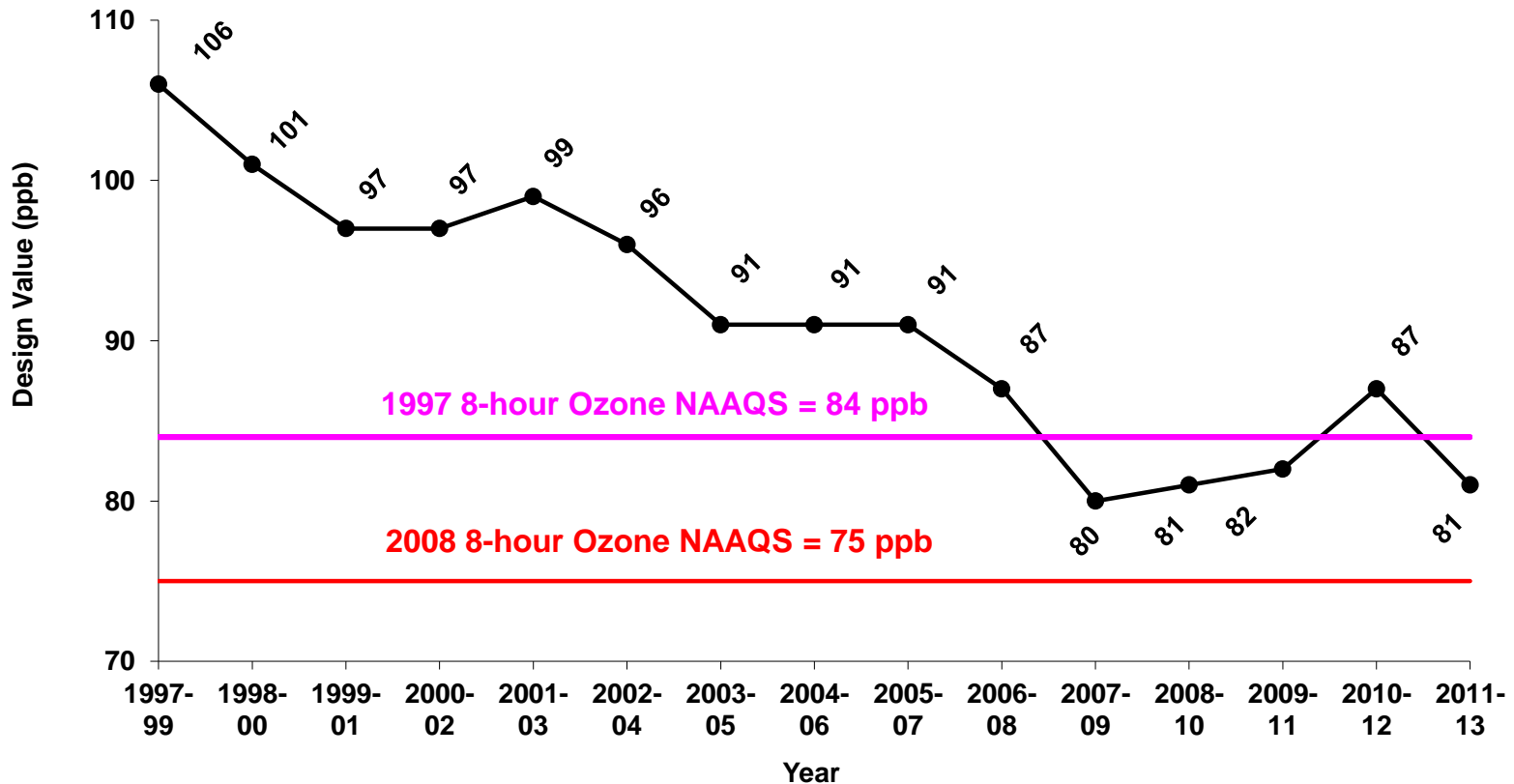
Ozone Exceedance Trend





Ozone Design Value Trend

8-hour Ozone Design Value Washington, DC-MD-VA Ozone Nonattainment Area (1999-2013)

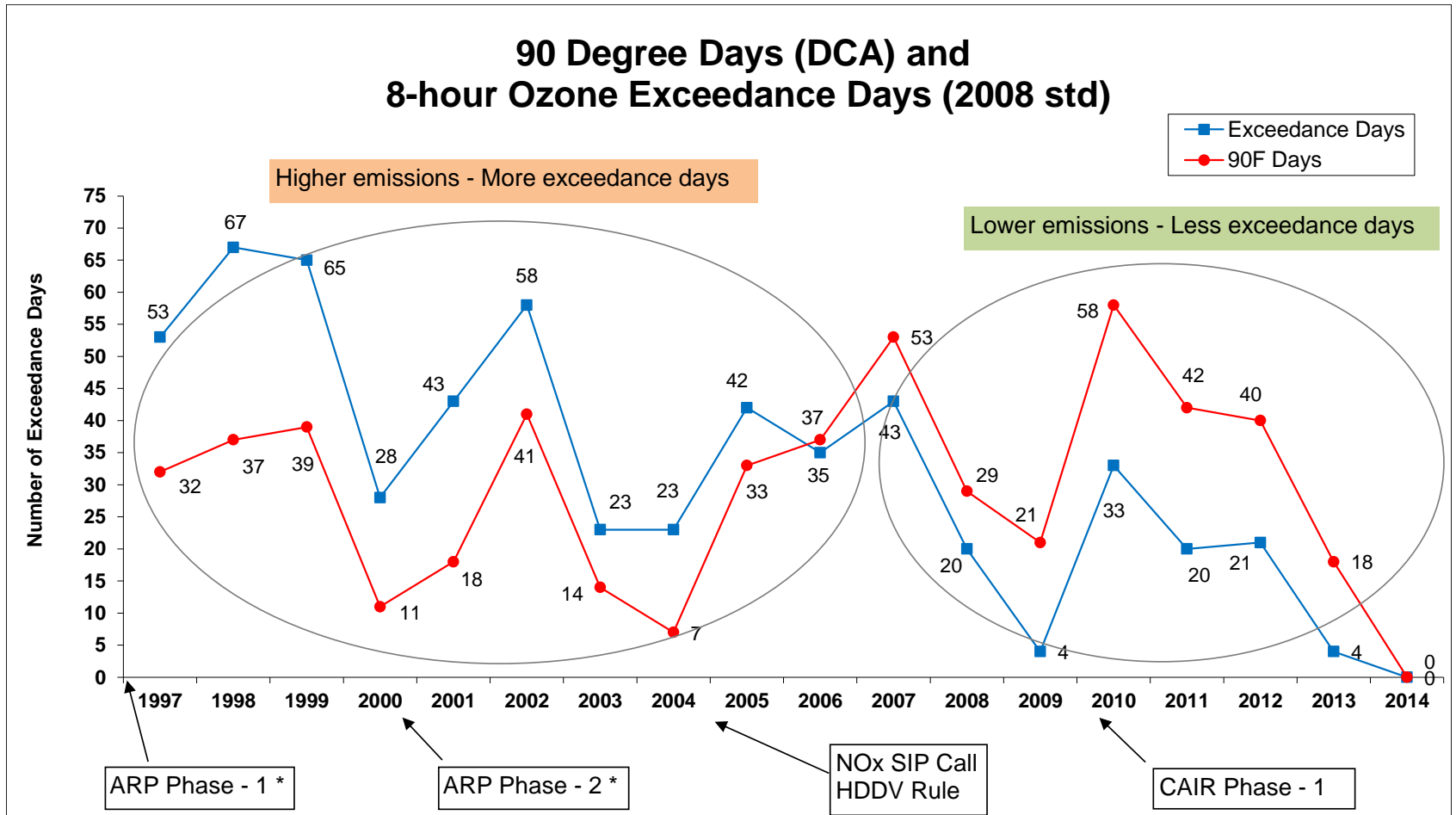


* Design value = 3-year average of 4th highest daily maximum 8-hour average ozone concentrations.

* 2013 data is preliminary and may change.



Ozone & Temperature Trend



* ARP = Acid Rain Program

- Phase 1 : 1996
- Phase 2 : 2000

* Analysis is based on draft data as of May 9, 2014 and is subject to change.



Fine Particle Summary

24-Hour PM2.5 Concentrations (ug/m3)

Since April 1, 2014, there have been:

5 Code Yellow Days

34 Code Green Days

April

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		1	2	3	4	5
		5.2	9.4	13.3	15.8	8.3
6	7	8	9	10	11	12
4.9	6.9	10.0	10.3	8.9	9.5	10.9
13	14	15	16	17	18	19
15.6	7.9	5.8	5.8	6.3	7.1	9.1
20	21	22	23	24	25	26
9.3	5.4	11.2	7.1	5.2	9.8	10.7
27	28	29	30			
4.6	7.1	6.7	8.6			

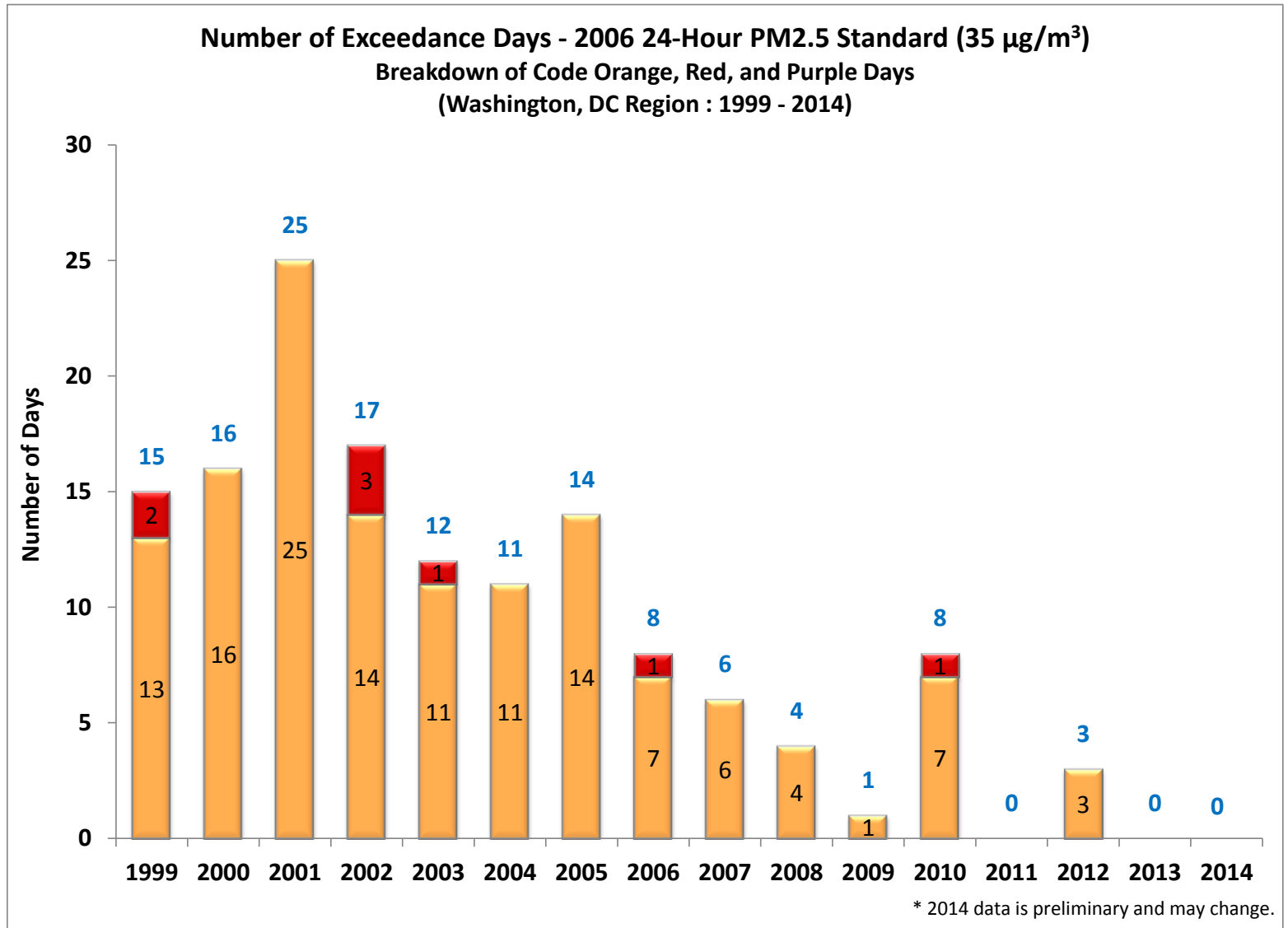
May

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2	3
				10.8	9.1	10.2
4	5	6	7	8	9	10
10.7	5.7	9.4	9.4	20.4	17.2	
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

* Analysis is based on draft data until May 9, 2014. Data is subject to change.



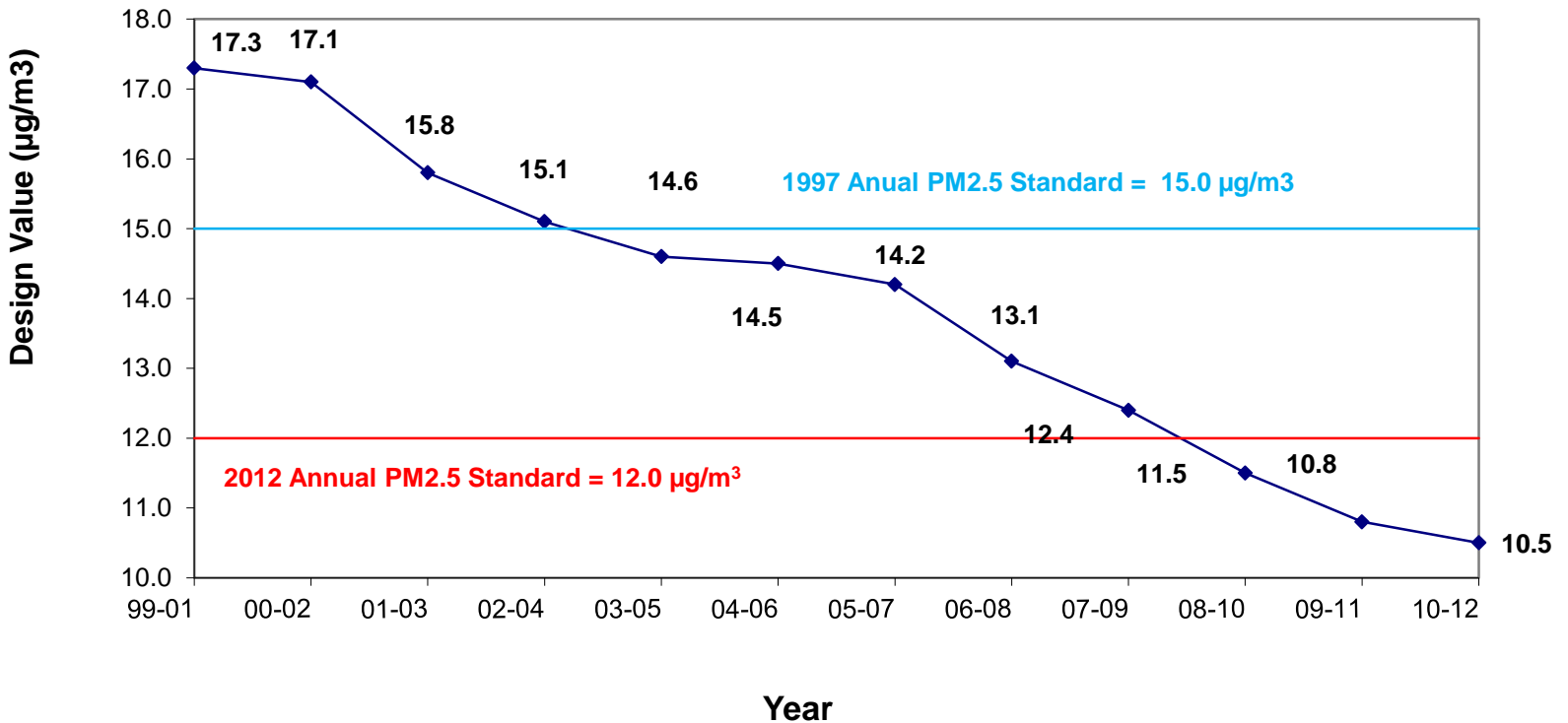
PM2.5 Exceedance Trend





Annual PM_{2.5} Design Value Trend

**Annual PM_{2.5} Design Value
Washington, DC-MD-VA Nonattainment Area
(1999-2012)**

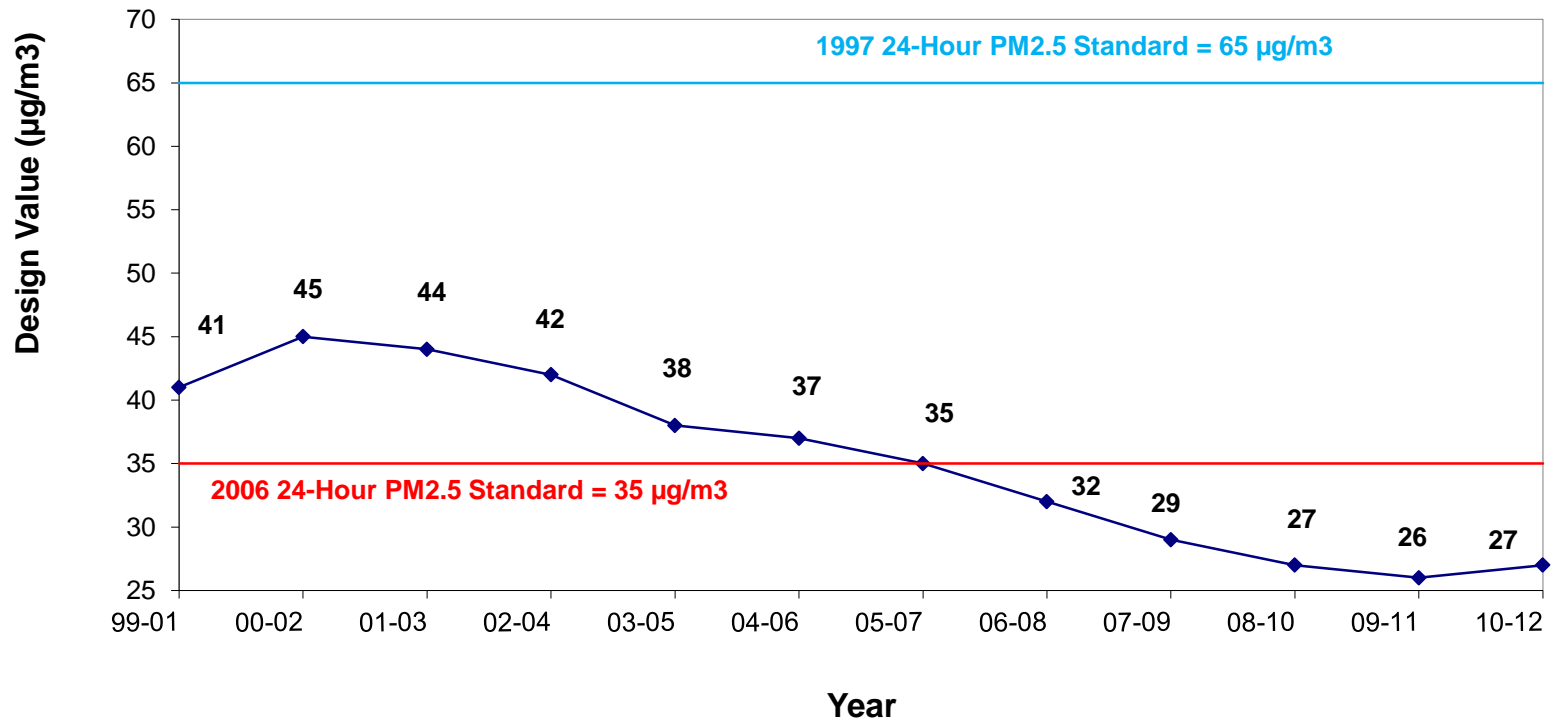


* Design value = 3-year avg of annual mean PM_{2.5} concentrations.



24-Hour PM_{2.5} Design Value Trend

24-Hour PM_{2.5} Design Value Washington, DC-MD-VA Nonattainment Area (1999-2012)



* Design value = 3-year average of 98th percentile of PM_{2.5} concentrations.