

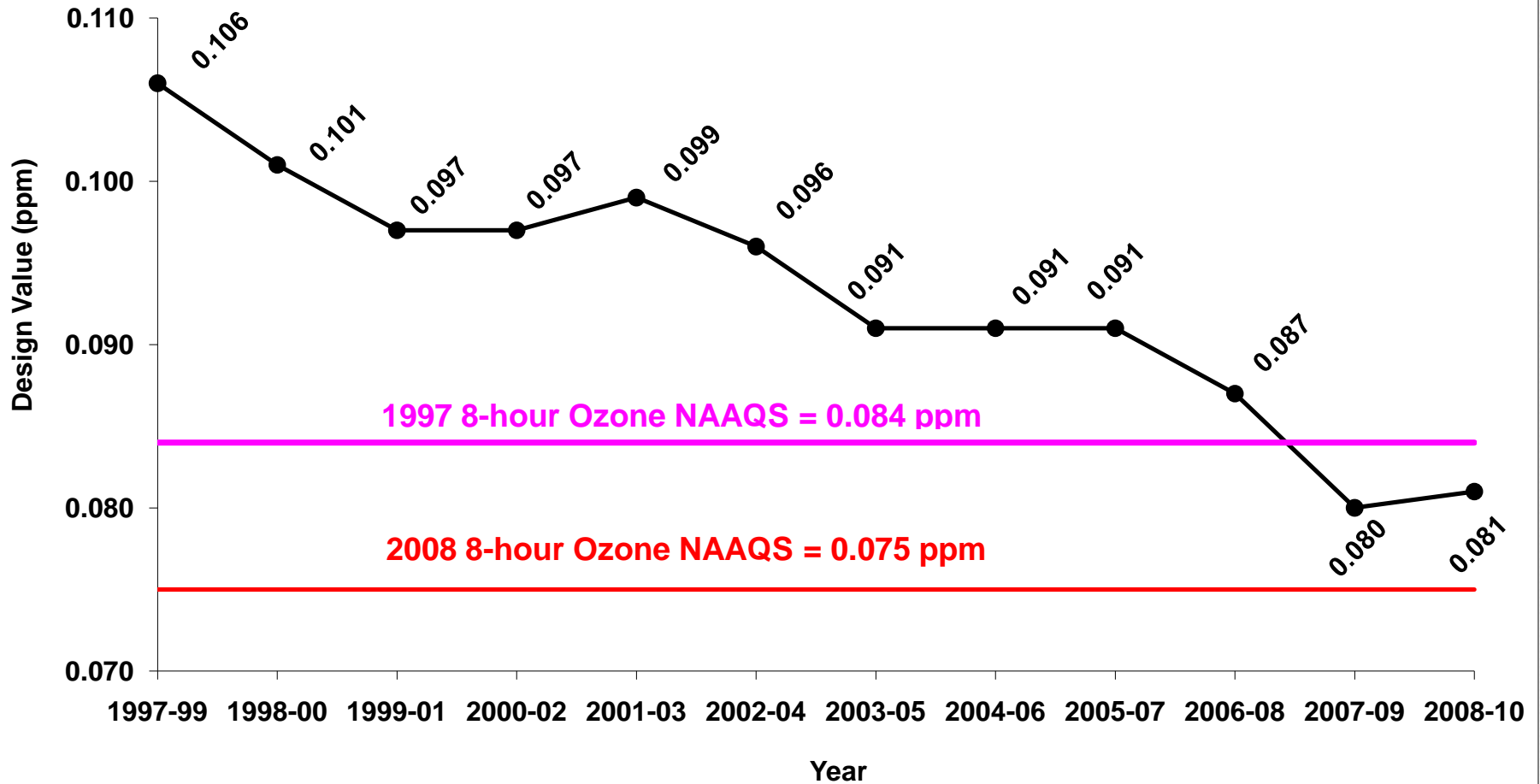
Air Quality Trends

MWAQC

April 27, 2011

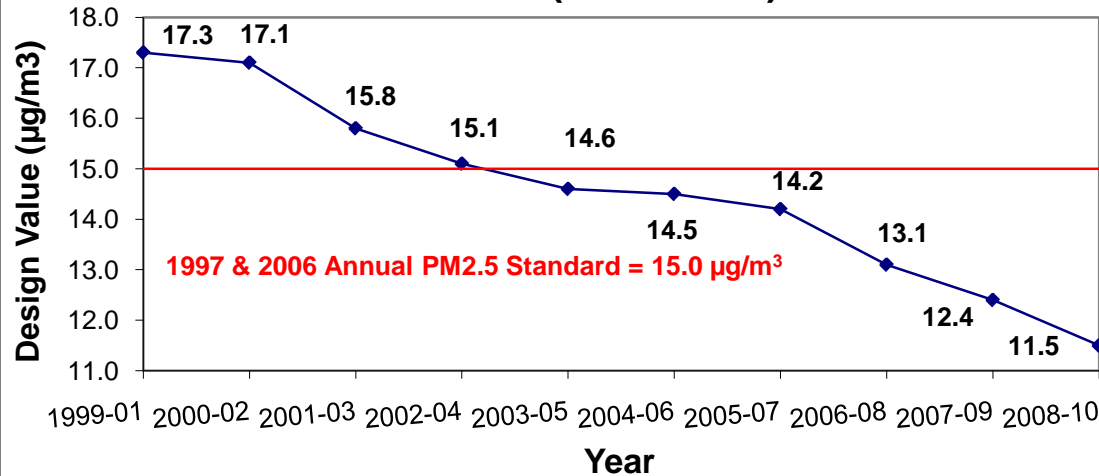
Sunil Kumar, MWCOG

8-hour Ozone Design Value Washington, DC-MD-VA Nonattainment Area (1999-2010)



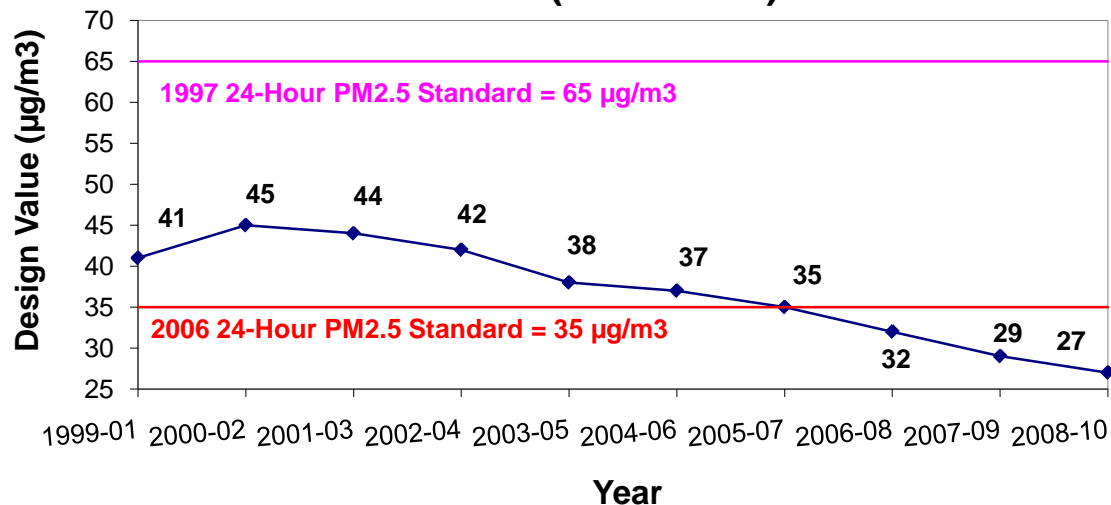
* Design value = 3-year average of 4th highest daily maximum 8-hour average ozone concentrations.

Annual PM2.5 Design Value Washington, DC-MD-VA Nonattainment Area (1999-2010)



* Design value = 3-year average of annual mean PM2.5 concentrations.

24-Hour PM2.5 Design Value Washington, DC-MD-VA Nonattainment Area (1999-2010)

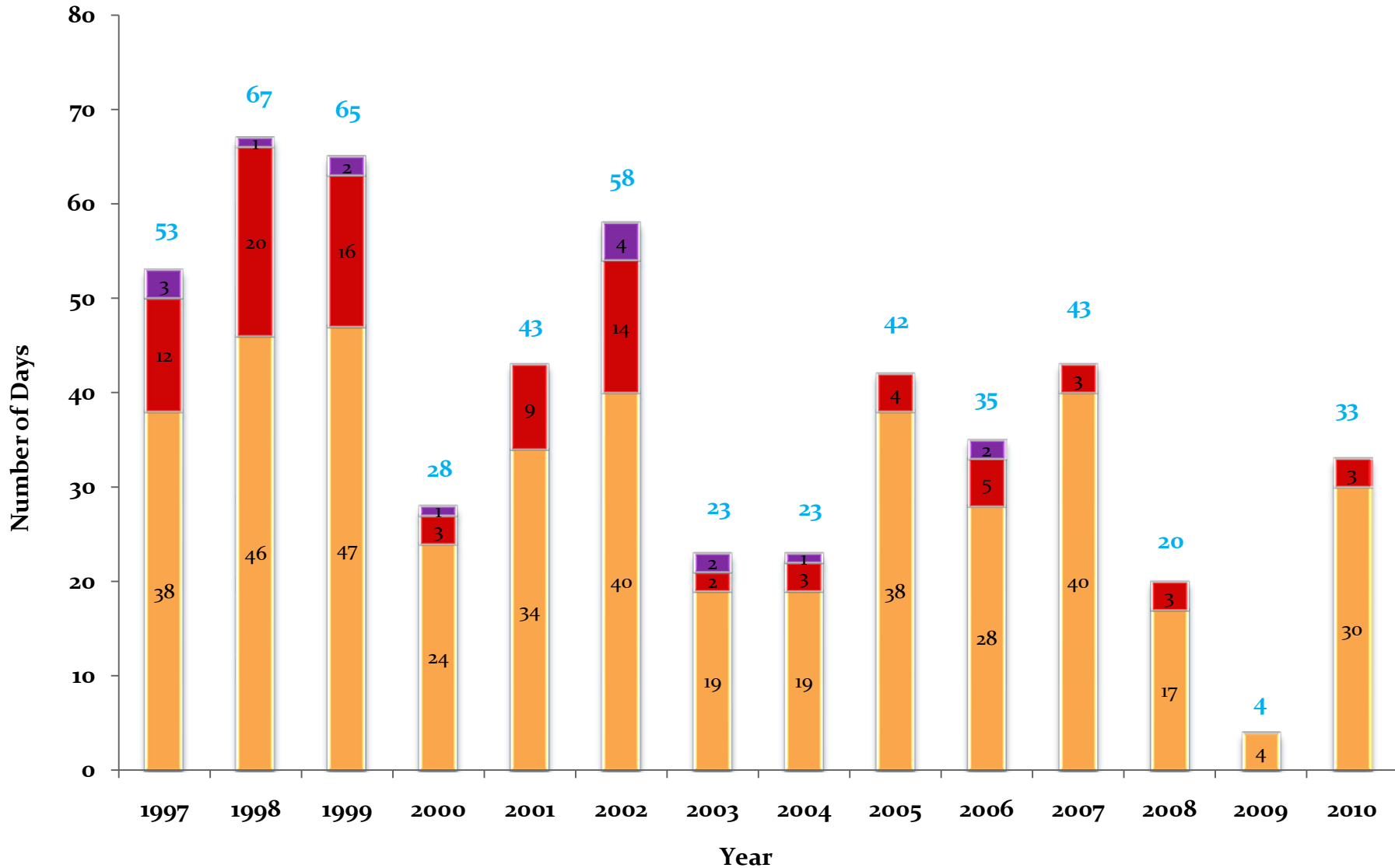


* Design value = 3-year average of 98th Percentile of PM2.5 concentrations.

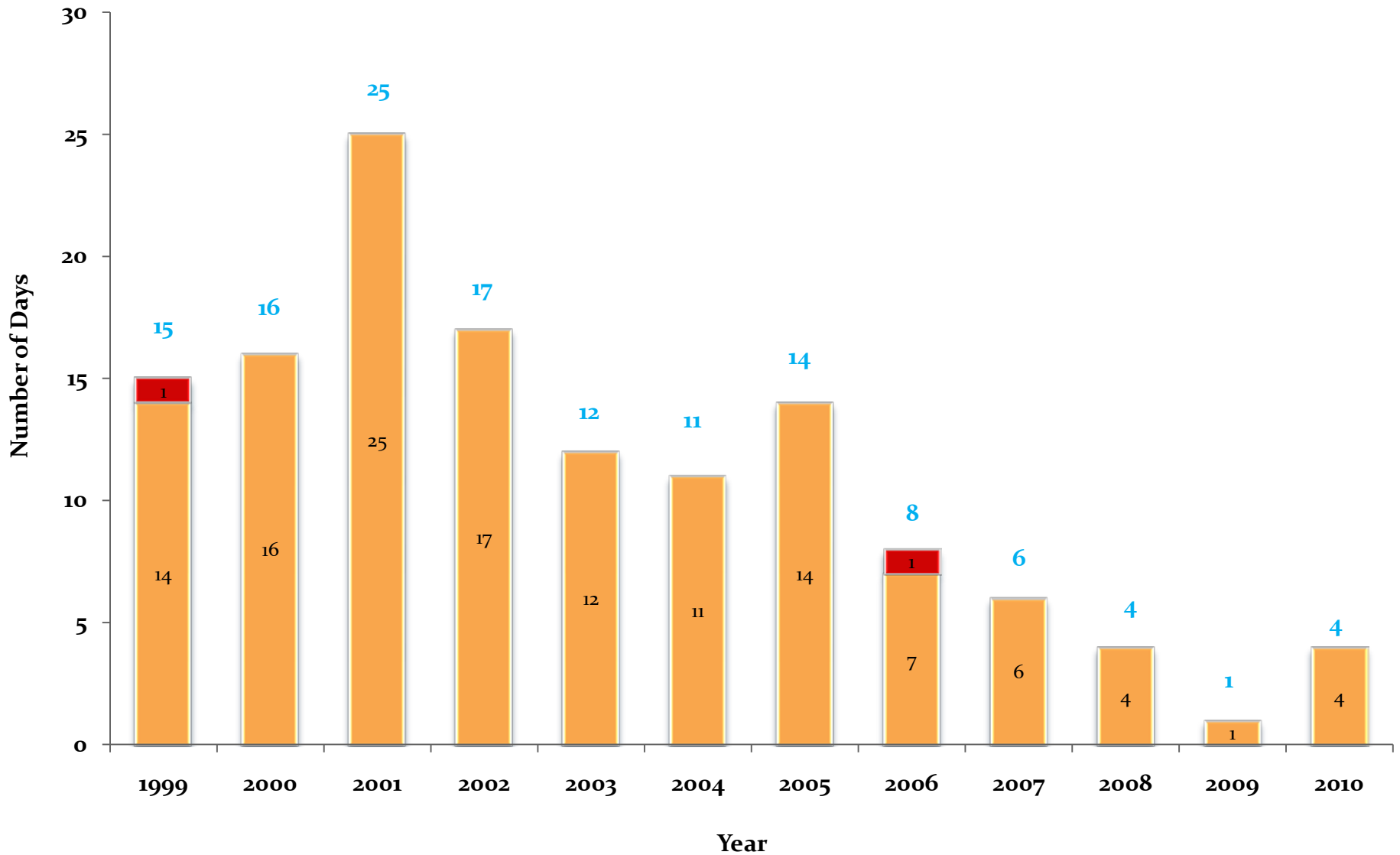
Number of Exceedance Days - 2008 Ozone Standard (75 ppb)

Breakdown of Code Orange, Red, and Purple Days

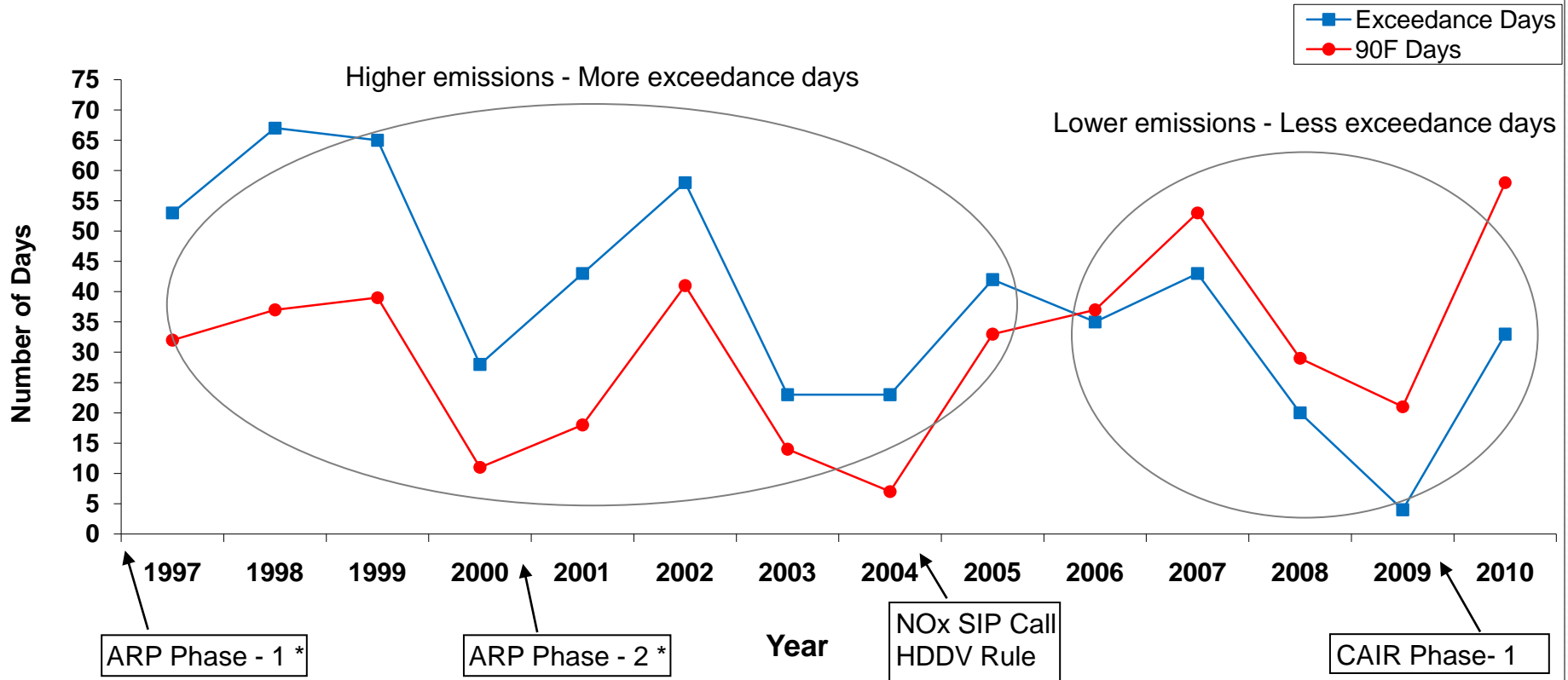
1997 - 2010



Number of Exceedance Days - 2006 24-Hour PM_{2.5} Standard (35 µg/m³) Breakdown of Code Orange, Red, and Purple Days (Washington, DC Region : 1999 - 2010)



Exceedance of 2008 Ozone Standard and 90°F Days



* ARP = Acid Rain Program

- Phase 1 : 1996
- Phase 2 : 2000

*2010 met data is draft and may change.