

Ozone Standard (NAAQS): What's New, What's Not

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Background

- Clean Air Act sets federal standards for 6 criteria pollutants, including ozone
- EPA must review the National Ambient Air Quality Standards every 5 years, and review new science about ozone and public health
- Ozone standards were set in 1992, 1997, 2008
- EPA proposed to revise 2008 standards lower, to be consistent w/ science advisors

1997 Ozone Standard: 85 ppb

Ozone Standard set: 85 ppb
Region Designated Nonattainment
Ozone SIP Submitted

Attainment Year
Clean Data Proposed

1997

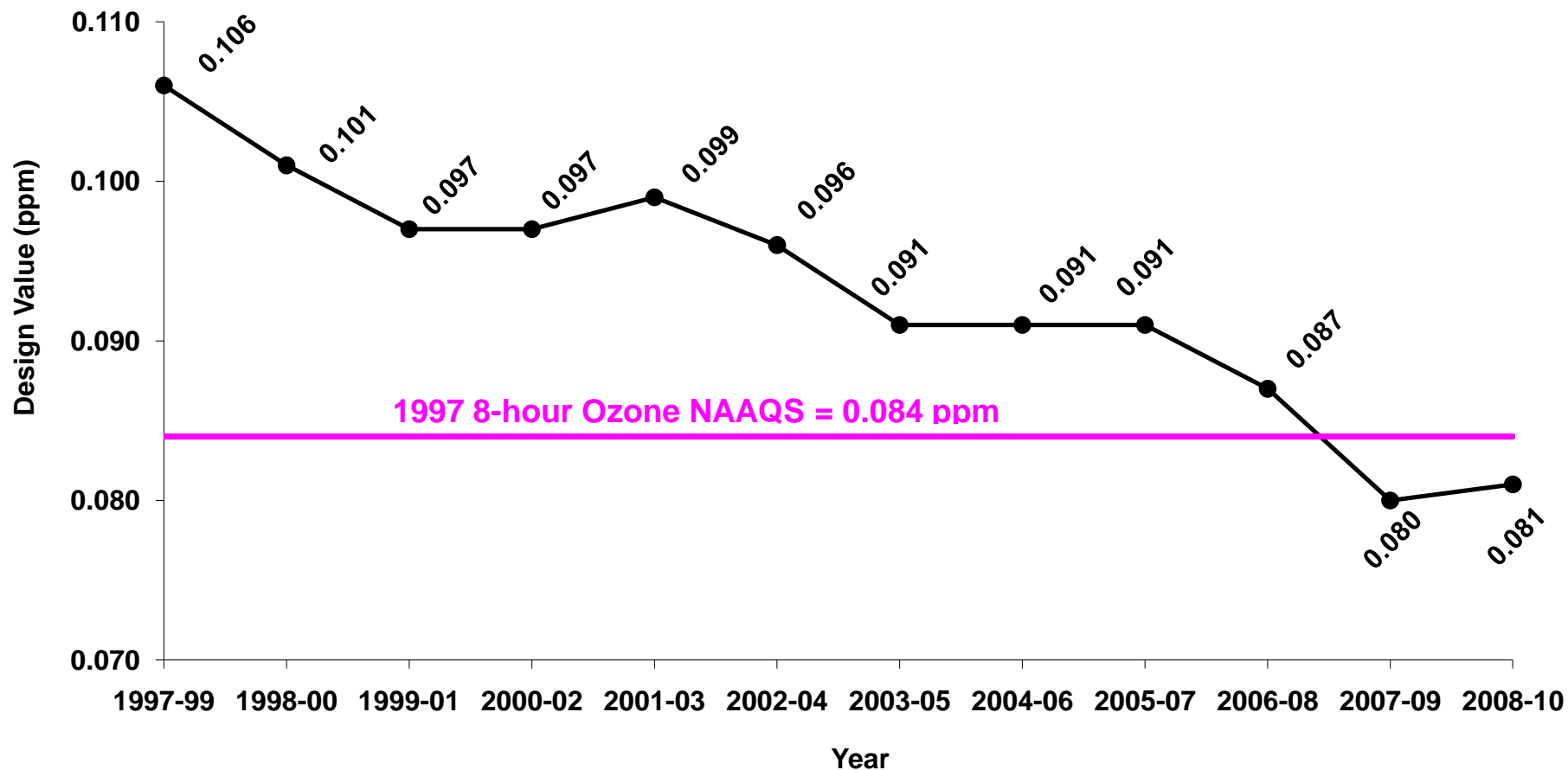
2004

2007

2009

2011

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. 2008-10 data is draft and may change.

2008 Ozone Standard : 75 ppb

OZONE STANDARD: 85 PPB
Region Designated Nonattainment

Ozone SIP Submitted

NEW OZONE
STANDARD: 75 ppb

Attainment Year

Proposal to Reconsider
2008 Standard
Clean Data Proposed

1997

2004

2007

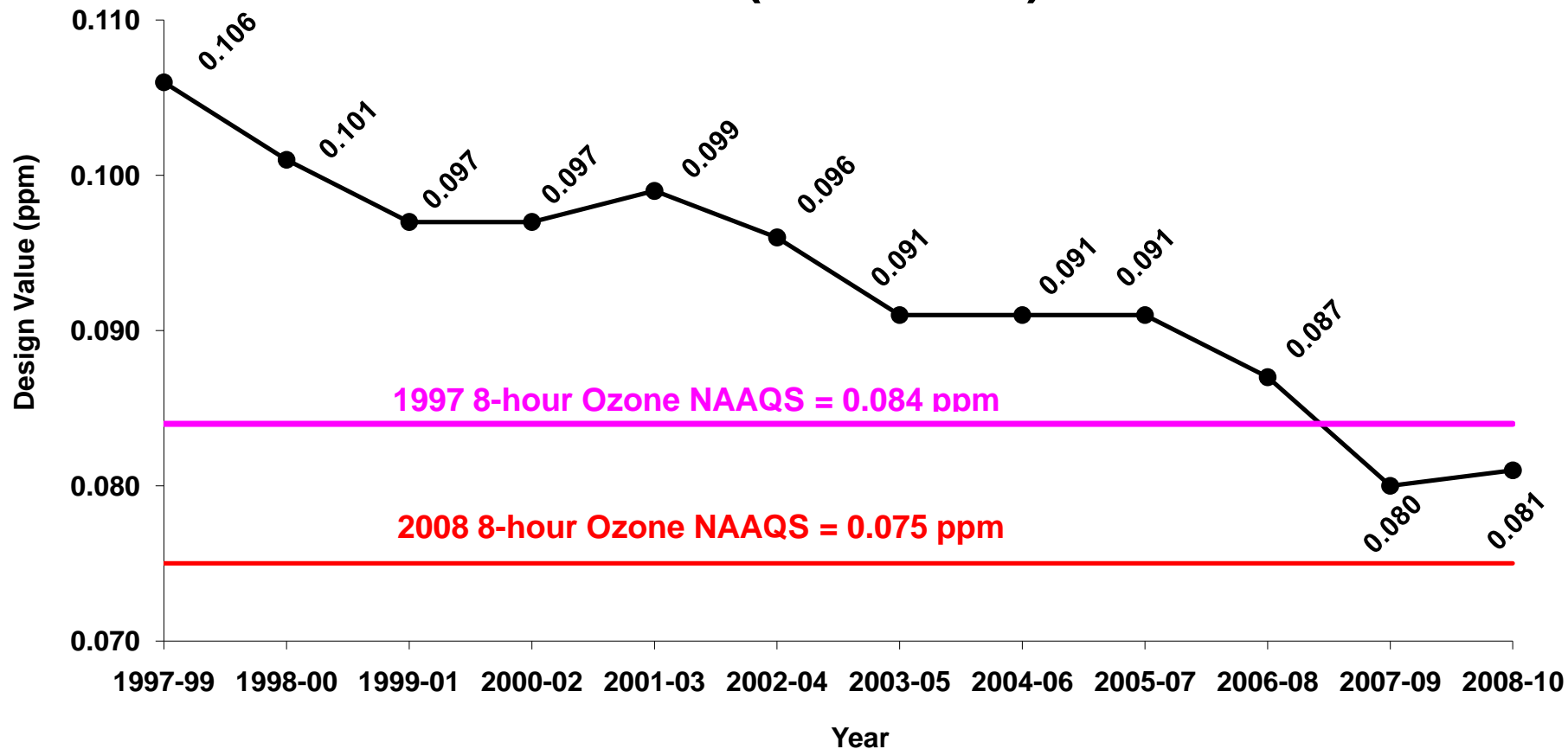
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Obama, Sept. 2

- “ I have requested that Administrator Jackson withdraw the draft Ozone National Ambient Air Quality Standards at this time. Work is already underway to update a 2006 review of the science that will result in the reconsideration of the ozone standard in 2013. Ultimately, I did not support asking state and local governments to begin implementing a new standard that will soon be reconsidered. “

EPA to enforce 2008 Standard

- EPA announced that it will enforce the 2008 ozone standard (9/22/11)
- EPA will send proposed designation letters to states (120 days)
- EPA will finalize designations, mid-2012
- Ozone Implementation Guidance in fall 2011
- Ozone Monitoring Rule in fall 2011

Classification Standards

- Marginal 0.076 – 0.086 ppm
- Moderate 0.086 – 0.100 ppm
- Serious 0.100 – 0.113
- Severe 0.113 – 0.175
- Extreme 0.175 and up

Washington, DC-MD-VA: MARGINAL (potentially)

- EPA expects attainment by 2015 due to
 - Cross-State Air Pollution Rule
 - Light & Heavy Duty Vehicle Standards
 - Rules under development (Ex: Tier 3 vehicle and fuel standards)
- SIP requirements:
 - Mobile budgets
 - Attainment demonstration

Questions for EPA, States

- Should the region request redesignation for the 1997 ozone standard?
- Will the counties designated nonattainment be the same as for the 1997 ozone standard?
- Will the base year be 2007 or 2008?
- When is the new ozone SIP due?
- Unknown: effect of legal challenges, House actions