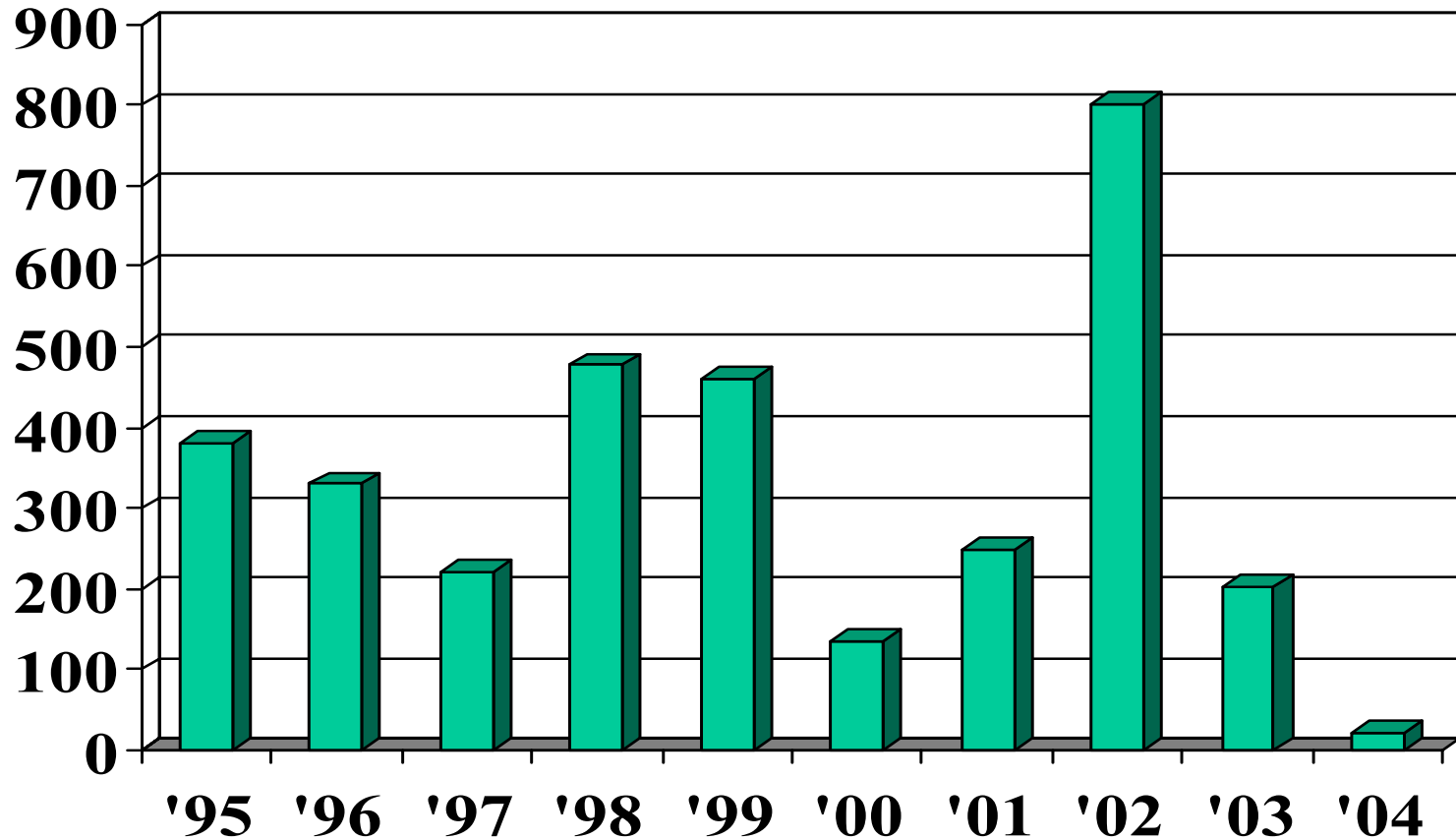


# A&WMA Summer 2004

Bill Spires, Ohio EPA

# Ozone Exceedances of the New Eight-Hour Standard



# Summer 2004

- Above normal precipitation
- Below normal temperatures....and
- NO<sub>x</sub> SIP call in place June 1, 2004 bringing ~ 66% reduction in utility NO<sub>x</sub> emissions
- Utilities, industry, mobile on and off road are still significant NO<sub>x</sub> emitters

# It's Nice but

- Ozone is a three year standard
- 2002 is the 'base' nonattainment year
- Design values are based on 2001-2003 data

# Design Value

- Is the measure of how bad things are
- Is based on the three year average of the fourth high concentration at each monitor.
- Each nonattainment area has a worst case monitor/design value

# Area Design Values

- Cleveland-Akron: 103 ppb
- Cincinnati: 96 ppb
- Columbus: 95 ppb
- Youngstown: 95 ppb
- Toledo: 93 ppb
- Dayton: 90 ppb
- Canton: 90 ppb



# Schedule

- Designations were effective June 15, 2004
- States have three years to develop plans; must submit 'State Implementation Plans' to U.S. EPA by June 15, 2007.
- All nonattainment areas in Ohio must attain the standard by June 15, 2009 (except Cleveland-Akron, a moderate nonattainment area which has until June 15, 2010)

# What if ???

- Air quality continues like 2004 for two more years?
- Ohio may be able to request a redesignation

# OEPA not counting on it

- Preliminary modeling indicates that more than the NO<sub>x</sub> SIP call will be needed to attain the standard.
- Industrial sources, mobile sources, utilities and ‘area’ sources will need controls.

# Current technical work schedule

- Currently identifying potential control options
- Everything is on the table
- Must demonstrate modeled attainment by early 2006.
- At least one year necessary to write rules (need to submit rules/SIP by June 15, 2007)

# Get Involved

- Stakeholder groups are forming in most of our nonattainment areas
- Statewide stakeholder group will be forming
- Midwest Regional Planning Organization