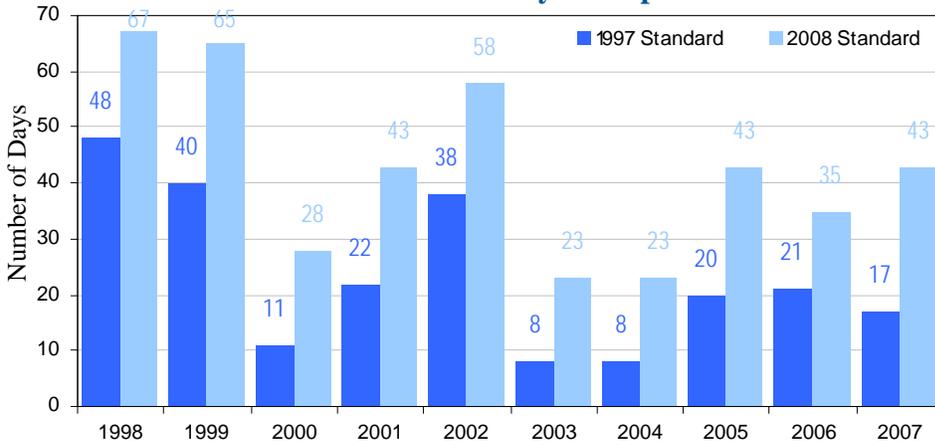


# Air Quality Facts

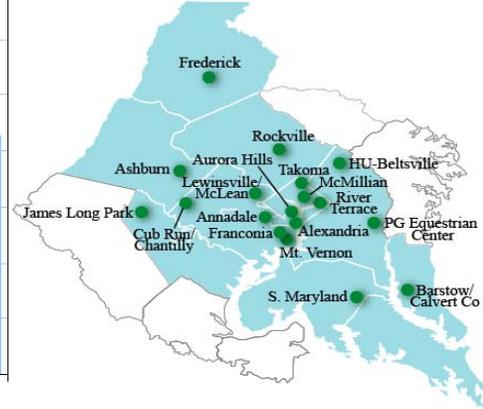
## New Ozone Standard and Revised Air Quality Index

### IMPACTS OBSERVED IN THE WASHINGTON DC FORECAST REGION

#### Ozone Exceedance Days Comparison

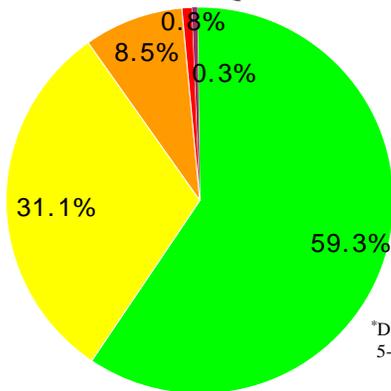


#### Washington DC Forecast Region and Active Ozone Monitors



#### 8-Hour Ozone AQI Distribution Comparison (May 1-Sep 30, 2003-2007)

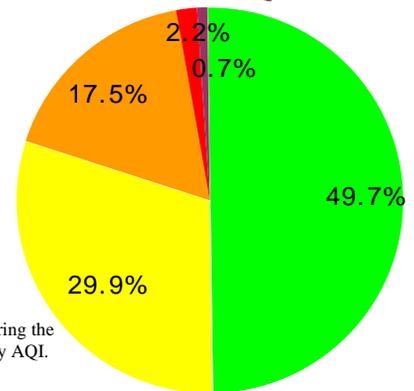
##### Old AQI



##### Averaged Number of Days

Old	AQI Category	Revised
91	Good	76
48	Moderate	46
13	USG <sup>1</sup>	27
1	Unhealthy	3
< 1*	Very Unhealthy	1

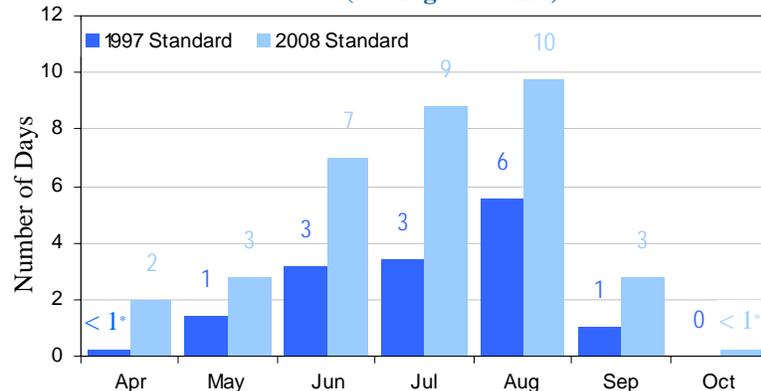
##### Revised AQI



\*Due to averaging, a value of less than 1 "<1" indicates that during the 5-year (2003-2007) period at least 1 year had a Very Unhealthy AQI.

<sup>1</sup> Unhealthy for Sensitive Groups

#### Ozone Exceedance Days by Month (2003-2007) (Averaged Counts)



\*Due to averaging, a value of less than 1 "<1" indicates that during the 5-year (2003-2007) period at least 1 year had an ozone exceedance day.

#### New Ozone Standard and Revised AQI Summary

On March 12, 2008, the U.S. EPA strengthened the National Ambient Air Quality Standards (NAAQS) for ground-level ozone from 85 ppb to 75 ppb

(<http://www.epa.gov/air/ozonepollution/actions.html#mar07s>).

The new standard was adopted and reflected that over 1,700 scientific studies linked adverse health effects at the level of the old standard or below. The color-coded Air Quality Index (AQI) for 8-hour ozone (which is used for air quality reporting and forecasting) was also revised. The new standard and the revised AQI will help improve the protection of public health and the protection of sensitive trees and plants. Four fact sheets (prepared by forecast region) are provided to help you understand how the new ozone standard will affect you and how you can make conscious simple everyday decisions that will help improve the quality of the air we breathe as well as the environment. Visit [www.cleanairpartners.net](http://www.cleanairpartners.net) for current air quality conditions and forecasts or call the air quality hotline at 410-537-3247.

#### Air Quality Index (AQI)



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