

# Air Quality Summary

## Youngstown - Warren: September 2006

**Notice:** On September 21, 2006 the U.S. EPA finalized its decision to lower the 24-hour standard for fine particle pollution from 65 micrograms per cubic meter to 35 micrograms per cubic meter. This decision was made in an effort to better protect public health and after examining numerous studies linking even low levels of fine particle pollution with health related issues. As a result of the lower standard, areas of the country once meeting the standard could be designated as not meeting the standard. The greater Youngstown area has the potential of being one such area. In addition, and as a result of the change in standard, the AQI may also receive new threshold breakpoints. Please direct any questions about these changes to Lisa Pompeo at the Eastgate Regional Council of Governments ([lpompeo@eastgate.org](mailto:lpompeo@eastgate.org) or 330-779-3800).

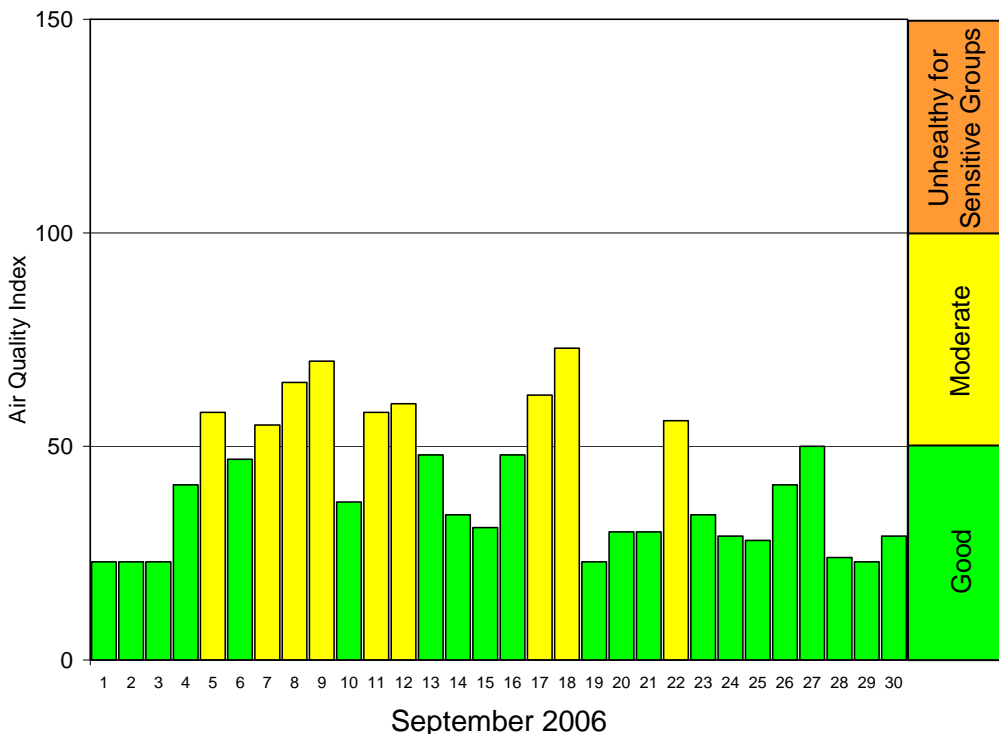


0 - 50	Good
51 - 100	Moderate
101 - 150	Unhealthy for Sensitive Groups
151 - 200	Unhealthy
201 - 300	Very Unhealthy

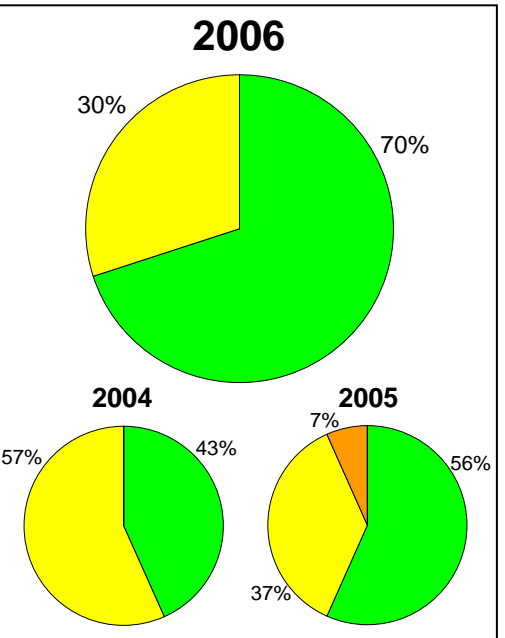
### Highest AQI Days This Month

Date	AQI	Pollutant	Monitoring Site
9/18/06	73	PM2.5	Youngstown-Head Start
9/9/06	70	PM2.5	Youngstown-Head Start
9/8/06	65	PM2.5	Youngstown-Head Start
9/17/06	62	PM2.5	Warren-Draper Street
9/12/06	60	PM2.5	Youngstown-Head Start

### Daily Maximum AQI in September 2006



### Percentage of Days in Each AQI Category



The average temperature in September 2006 was below normal, with a mean temperature of 68.4°F (1.2 degrees below normal). Youngstown received 6.73 inches of precipitation, 173% of the monthly normal.

The maximum AQI level reached Moderate on 30% of the days in September, and 70% of the days had Good AQI levels. The AQI level did not reach Unhealthy for Sensitive Groups at all. The highest AQI value occurred on September 18 when the AQI level reached 73 for particles.

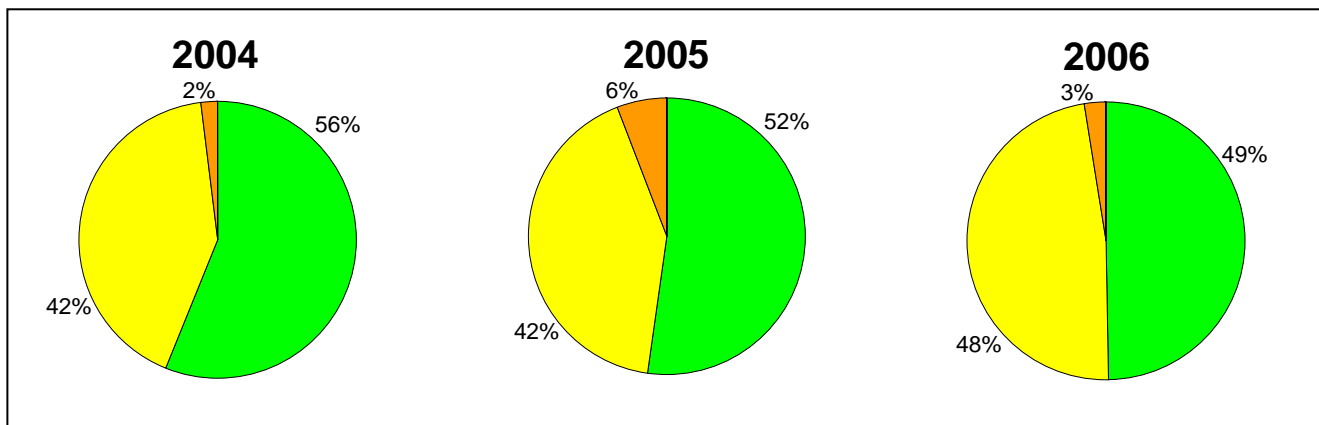
# Seasonal Summary

May 1 through September 30, 2006

## Air Quality Advisory Days

Date	Forecasted		Observed	
	AQI	Pollutant	AQI	Pollutant
5/29/06	106	Ozone	97	Ozone
5/30/06	106	PM2.5	114	Ozone
5/31/06	130	PM2.5	103	PM2.5
6/17/06	122	Ozone	104	Ozone
7/16/06	101	Ozone	72	Ozone
7/17/06	114	Ozone	74	Ozone
8/1/06	102	PM2.5	92	PM2.5
8/2/06	104	PM2.5	63	PM2.5

## Percent of Days at Each AQI Level for May 1 – September 30



## Daily Maximum AQI for May 1 – September 30, 2006

