

# Air Quality Summary

## Youngstown–Warren: June 2009

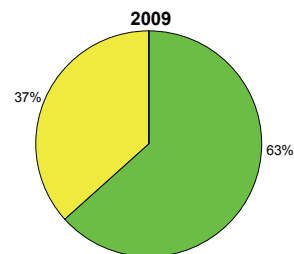
The average temperature in June 2009 was 0.5°F below normal. The mean temperature was 65.4°F, compared with 68.8°F in June 2008. Youngstown received 2.68 inches of precipitation, which is 69% of normal, compared with 3.18 inches in June 2008.

There were no days that reached Unhealthy for Sensitive Groups (USG) AQI levels in June 2009, compared with one day in June 2008. The highest AQI levels of June 2009 were reached on June 6 and 25. On June 6, light winds during the morning hours limited pollutant dispersion in the Mahoning Valley. In the afternoon, southerly winds ahead of an approaching cold front transported pollutants into the region. Furthermore, mostly sunny skies during the morning and early afternoon enhanced ozone formation, leading to high-Moderate AQI levels for ozone. On June 25, a cold front approaching northeastern Ohio produced light to moderate southeasterly winds in Youngstown. These winds transferred pollutants into the region, leading to high-Moderate AQI levels.

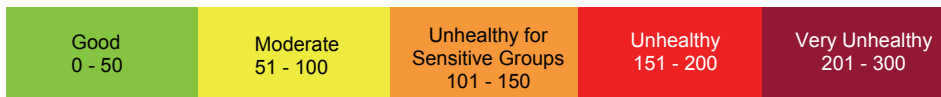
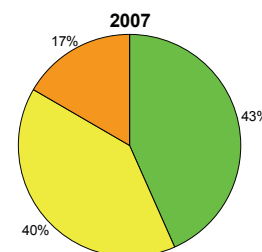
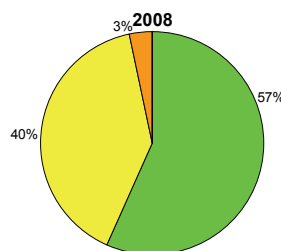
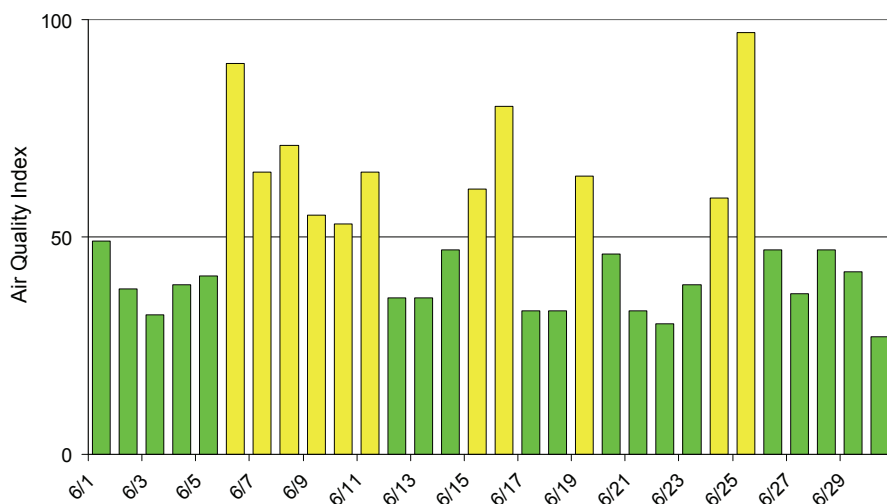
### Highest AQI Days This Month

DATE	AQI	POLLUTANT	MONITORING SITE
6/25/09	97	Ozone	Trumbull County San. & Eng.
6/6/09	90	Ozone	Trumbull County San. & Eng.
6/16/09	80	Ozone	Trumbull County San. & Eng.
6/8/09	71	PM <sub>2.5</sub>	Youngstown—Head Start

### Percentage of Days for June



### Daily Maximum AQI for June 2009



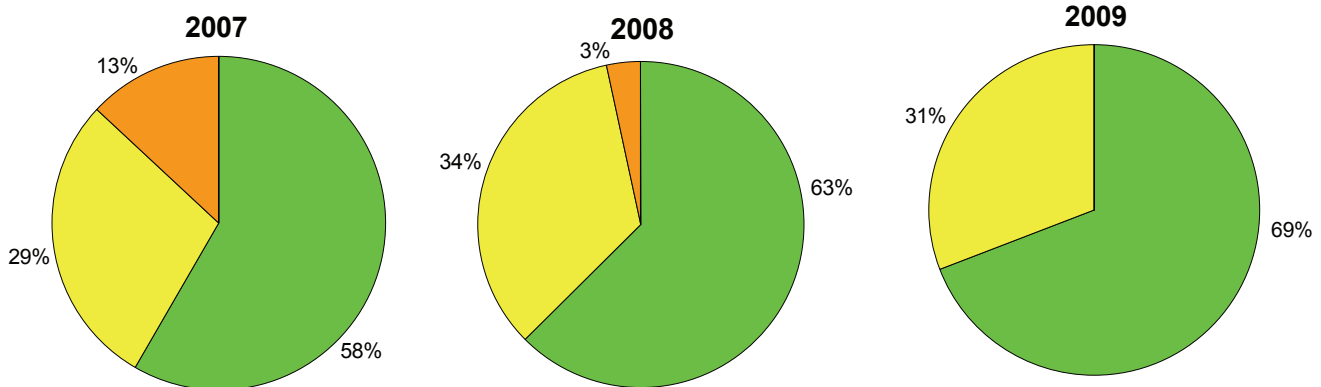
# Air Quality Summary

Seasonal Summary: April 1 – June 30

## Air Quality Advisory Days

Date	Pollutant	Next-Day Forecast (AQI)	Same-Day Forecast (AQI)	Observed AQI
5/20/09	Ozone	101	101	87
5/21/09	Ozone	93	106	93
5/22/09	Ozone	111	101	71

## Percentage of Days at Each AQI Level



## 2009 Daily Maximum AQI

