

Air Quality Summary

Youngstown–Warren: April 2011

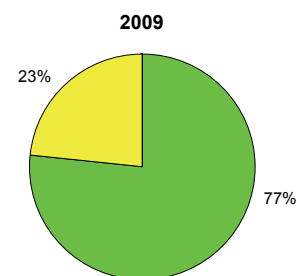
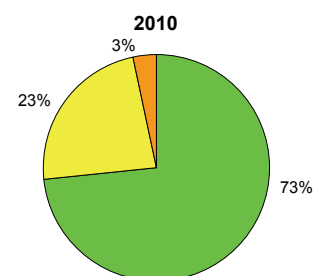
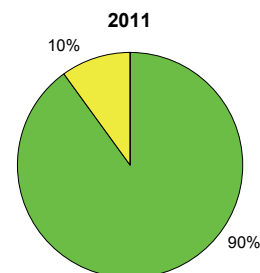
The average temperature in Youngstown for April 2011 was 49.0° F, which was 1.6° F above normal. This compares to an average temperature of 55.1° F in April 2010. April 2011 was a wet month across northeastern Ohio. Youngstown received 6.87 inches of precipitation, which was 3.54 inches above normal.

There were zero days with AQI levels reported in the Unhealthy for Sensitive Groups (USG) category in April 2011, compared with one day in April 2010 and zero days in April 2009. The highest AQI levels of April 2011 were observed on April 10. On this day, an upper-level ridge of high pressure over Ohio limited vertical mixing in the atmosphere, which trapped pollutants near the surface. In addition, areas of fog during the morning hours enhanced particle production in the Mahoning Valley. Finally, a warm front moved north across Ohio, which produced moderate southerly winds in the Youngstown area. These winds transported pollutants into northeastern Ohio. As a result, AQI levels were in the Moderate category for particles. The following day, a cold front moved across the Youngstown area, which enhanced vertical mixing and dispersed pollutants; thus, AQI levels decreased to the Good category.

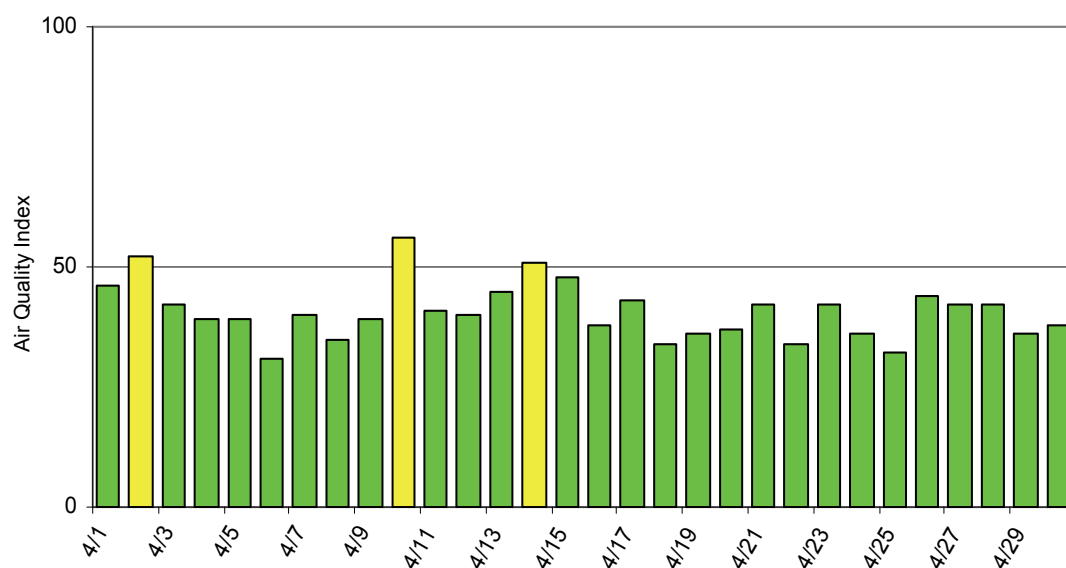
Highest AQI Days This Month

DATE	AQI	POLLUTANT	MONITORING SITE
04/02/11	52	PM _{2.5}	Warren - Laired Ave.
04/10/11	56	PM _{2.5}	Warren - Laired Ave.
04/14/11	51	PM _{2.5}	Youngstown - Head Start

Maximum Daily AQI for the Month by Category



Daily Maximum AQI for April 2011



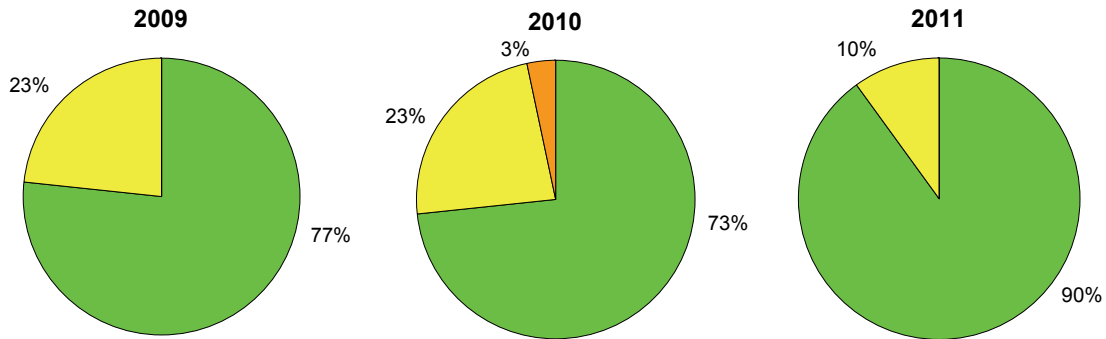
Air Quality Summary

Youngstown–Warren: April 1 - April 30

Air Quality Advisory Days

Date	Pollutant	Next-Day Forecast (AQI)	Same-Day Forecast (AQI)	Observed AQI
No Air Quality Advisory days have been issued so far this season.				

Percentage of Days at Each AQI Level



2011 Daily Maximum AQI

