



## Overview of the Eight-Hour Ozone Standard

### Indianapolis Metropolitan Statistical Area

#### Background

- The 8 Hour Ozone National Ambient Air Quality Standard, a health-based standard for ground-level ozone, was established in 1997.
- The standard was challenged legally and upheld by the U.S. Supreme Court in February 2001.
- U.S. EPA designated areas that attain or do not attain the standard on April 15, 2004.

#### U.S. EPA Designations for the Indianapolis MSA

A nine county region based on the 1999 Metropolitan Statistical Area boundaries that include the following counties:

Boone	Hendricks	Marion
Hamilton	Johnson	Morgan
Hancock	Madison	Shelby

#### Ground level ozone standard

- The 8-hour ozone standard is defined at 85 PPB (parts per billion) and is based on an average 4<sup>th</sup>-high 8-hour ozone value over a three year period.
- Counties with values exceeding this standard are considered to be in violation of the standard.

.County	Address	2000-2002 Average	2001-2003 Average
Boone	3900 E 300 S	88*	90
Hamilton	Noblesville Junior High	93	96
Hancock	714 E. Broadway/ Fortville Municipal Bldg.	92	94
Hendricks	7203 E. US Hwy 36	88	85
Johnson	200 W. Pearl St.	87	86
Madison	893 E. US 36/East Elementary School	91	95
Marion	8327 Mann Rd.	84	81
Marion	1321 Harding St.	86	85
Marion	Ft. Harrison SP	89	92
Marion	6125 E. 16 <sup>th</sup> St/NAWC.	90	89
Morgan	State Road 39 South	88	85
Shelby	4774 W 600 N	93	94

\*concentrations in parts per billion

value above standard

### **What does it mean for an area to be in nonattainment?**

- On certain days in the summer, air quality does not meet federal health standards.
- Indiana must develop a plan detailing the steps necessary to comply with the standard by the attainment date.
- Stricter permitting of certain larger new and expanding industrial sources.
- Transportation activities must conform to the air quality goals established in the state's attainment plan.
- Although new national and regional controls, including the nitrogen oxides control rule for power plants, new diesel engine standards and new diesel fuel standards, will help the Indianapolis Metropolitan Area attain the standard, additional local controls will be necessary.

### **Schedule to meet 8-Hour Ozone Schedule (under the Clean Air Act)**

April 15, 2004	U.S. EPA makes final attainment and nonattainment designations
April 2004	U.S. EPA issues Final Implementation rule – Phase I
June 15, 2004	Effective date of U.S. EPA designations
Summer 2004	U.S. EPA issues Final Implementation rule – Phase II
Spring 2007	Indiana's attainment plans due to U.S.EPA
2009	Attainment date for Indianapolis metropolitan area

### **Where can I get more information?**

- Central Indiana Air Quality Advisory Group meets bimonthly – May, July, September, November, 2004. The next meeting is May 14, 2004. Contact IDEM (below) for further information.
- Information is available on IDEM's web-site. (<http://www.IN.gov/ideM/air/8hourstandard/index.html>)
- Mailing list maintained of interested parties in each nonattainment area.

#### **Contact Person**

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