

IMPROVING KIDS' ENVIRONMENT



Martindale-Brightwood Share the Vision Meeting

June 23, 2011

37 Place Community Center

5:30 - 7:30 p.m.

*Improving
Kids' 
Environment*



Agenda

- 5:30 Prayer & Refreshments
- 5:45 Welcome, Introduction of Attendees
- 5:50 Update on Environmental Justice Activities
- 6:10 Overview of Asthma Issues in Martindale-Brightwood
- 6:20 Asthma and Environmental Control
- 7:10 One Small Step: Idle-Free Zones
- 7:20 Announcements
- 7:30 Adjourn



Welcome and Introductions

- Elizabeth Gore, Chair, MBEJC

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Thanks to ...

- Trinity Episcopal Church - Financial support
- Food Donations:
 - Jamaican Style Jerk, 3355 N Keystone Ave.
 - T.B.A. & Oil Warehouse, Inc., 2425 E. 30th Street
 - Dawn Thorpe, Thorpe Construction & Restoration Services
 - Yolanda Reed, Jackson Hewitt Tax Service



Update on Illegal Dumping

- City of Indianapolis has held two meetings on developing an illegal dumping outreach program
- Martindale-Brightwood will be a pilot
- Still working out details ... progress is slow
- Neighbors need to get involved in “Nail-a-Dumper” effort
- Encouraging use of IMPD reserve officers to do detective work and catch dumpers in the act



Update on Env. Justice Activities

- Trinity Episcopal Church (\$1,500)
- U.S. EPA CARE Level II grant application (\$300,000)
- U.S. EPA Environmental Justice Small Grants (\$25,000)
 - Air monitoring for lead particles
 - Soil sampling of urban gardens for lead
 - Education and outreach on urban gardening and lead poisoning (2012)
- Pending grant application:
 - Indianapolis Foundation (\$25,000) for illegal dumping work



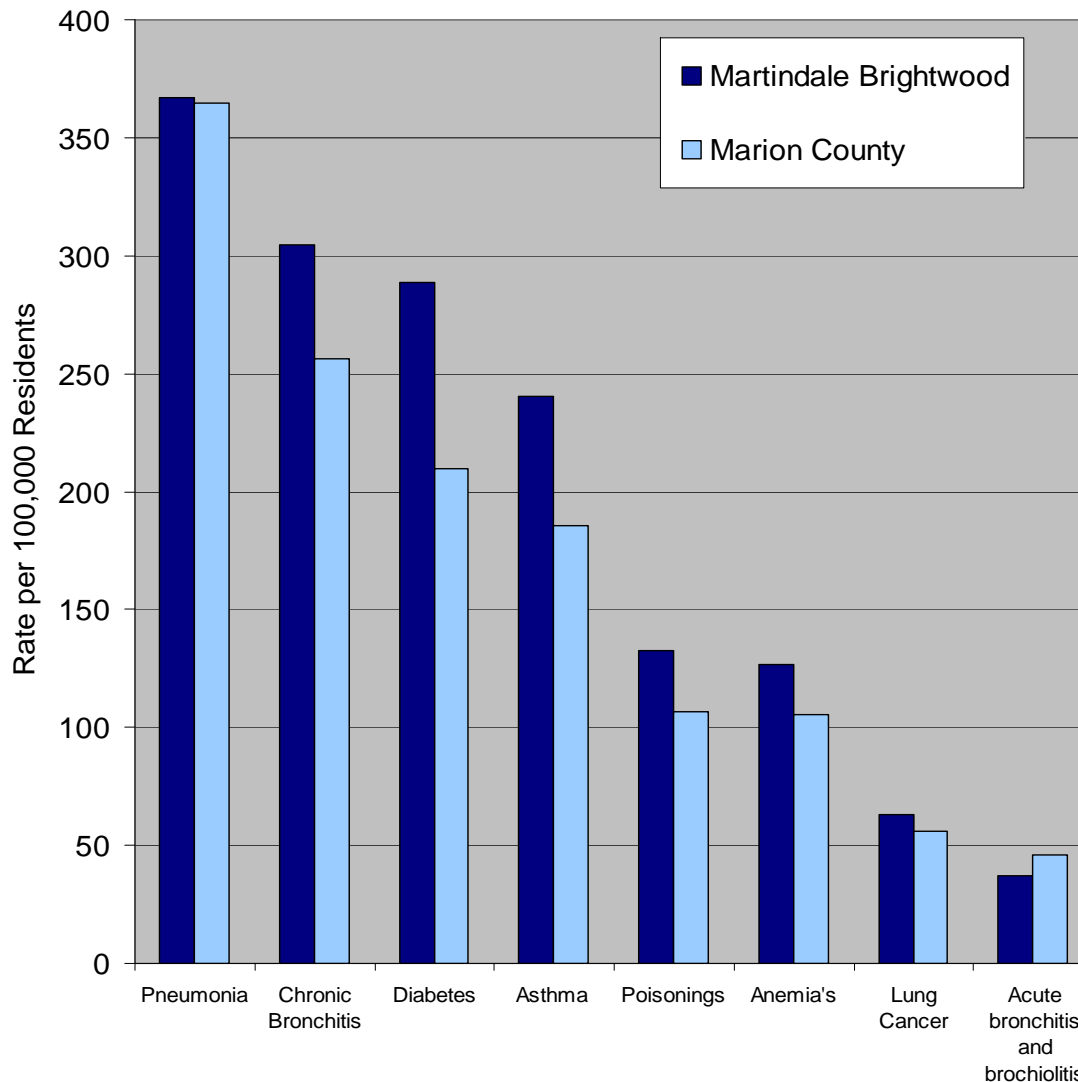
Asthma & Martindale Brightwood

- In 2010, the Marion County Public Health Department prepared a health profile of Martindale-Brightwood by looking at hospital discharge data by zip code.
- The zip codes that encompass MB include 46201 46202 46205 46218

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2008 Hosp. Rates per 100,000 Residents for Specific Illnesses



■ Hospitalization disparities are highest for:

- Diabetes
- Asthma
- Chronic Bronchitis

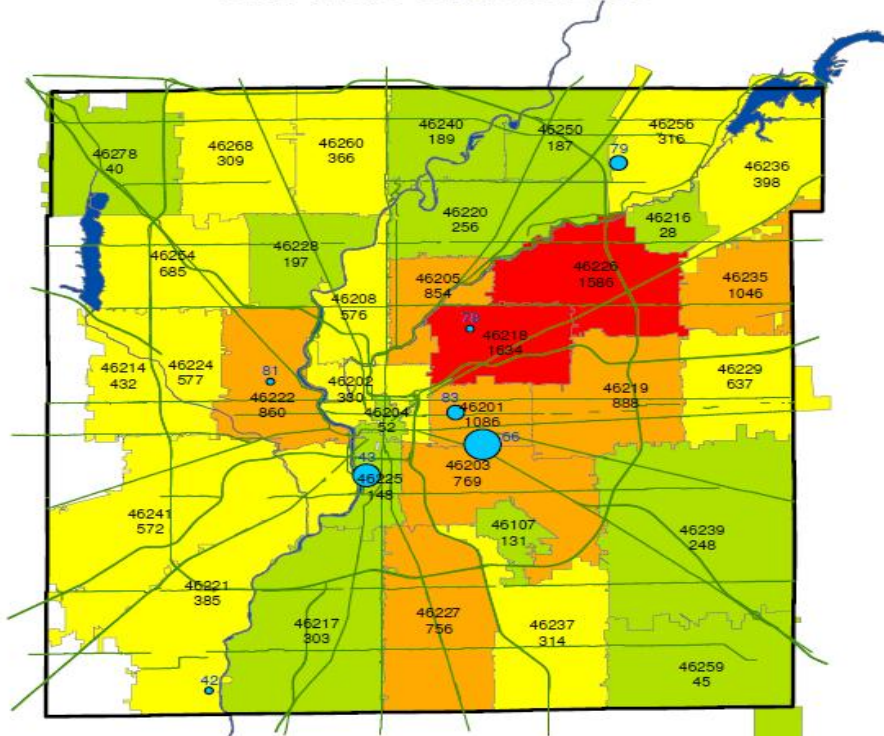
■ The surrounding environment could play a role (highways, industrial hazards left behind, and indoor pollution)

Data source: Hospital Discharge Data 2008

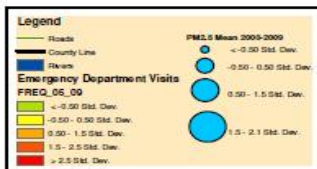
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Asthma-Related Emergency Department Visits Total Visits for 2005-2009



- Zip codes 46218 and 46226 have the highest rates of asthma-related emergency department visits in Marion County



PM 2.5 Air Monitoring Statistics for 2005-2009 (micrograms per cubic meter)

Site ID	Mean	Std Dev	Range
RM42*	14.4	8.2	2.5-61.2
RM43	15.5	7.6	3.3-63.2
RM50	10.0	8.7	1.4-62.5
RM78	14.3	7.6	3.3-57.1
RM79*	14.8	8.3	2.7-58.2
RM81	15.5	7.6	2.1-62.0
RM83	14.7	7.6	2.5-61.2

*Data for these sites only available for 2005-2007

Note: monitor ID's are labeled in blue



Created 13APR2010, Marion County Health Department, Water Quality and Hazardous Materials Management.
Source: GIS Shapefiles, Essence Data from 2005-2009, 2000 Census Data, and EPA Air Monitoring Data from AQS

Created by J. Ravenscroft 317-221-2277



Asthma & Environmental Control

- Robin Costley, MCPHD & Asthma Alliance Indianapolis



One Small Step: Idle-Free Zones

- Jodi Perras, IKE



What Is The Problem?

- Air pollution in Indianapolis can make asthma and other respiratory illnesses worse
- 50% of Indianapolis' outdoor air pollution comes from motor vehicles, including idling vehicles
- Poor air quality in schools and neighborhoods affects all of us, especially our children



Quiz... Is Idling Good for Your Car?

- Idling is good for your car because it warms up your engine and keeps it warm.
- True or false?





Is Idling Good for Your Car?

- **FALSE:** Idling can be hard on an engine because fuel doesn't undergo complete combustion, and some fuel residues condense on cylinder walls.



Is Idling Needed When It's Cold?

- Idling is needed on cold winter days to ensure that all of the vehicle's parts are warm enough to operate properly.

- True or false?





Is Idling Needed When It's Cold?

FALSE: Many components of the vehicle will only warm up when the vehicle is moving. You need to idle no more than 30 seconds to get the oil circulating through the engine.



When Should You Turn Off Engine?

- It's a good practice to shut off the engine when your vehicle is going to be stopped more for more than:
 - a) 10 seconds
 - b) 10 minutes
 - c) 30 minutes





When Should You Turn Off Engine?

The correct answer is: **(a) 10 seconds.**

More than 10 seconds of idling can use more fuel than turning off the engine and restarting it. Also, studies show that restarting the engine many times has little impact on components such as the battery and the starter motor.



Does Idling Save Money?

- Reducing idling by 10 minutes a day can save up to how much money per year on fuel per car annually?

- a) \$51.00
- b) \$147.00
- c) \$322.00





Does Idling Save Money?

The correct answer is: **(c) \$322.00.**

10 minutes of idling per day would waste **95 gallons** of gas each year.

With today's average gas price of \$3.396, unnecessary automobile idling is extremely expensive and wasteful.



Solution: Establish Idle-Free Zones

- Schools, local government and businesses should establish idle-free zones and policies
- Schools: parents, school buses and pickup/delivery areas
- Local Government: cars and trucks in city fleet
- Businesses: delivery vehicles, trucks and company vehicles





Idle-Free Zone Signs Available

- **IKE and the City of Indianapolis can provide Idle-Free Zone signs and materials to schools and businesses**
- **Are you willing to ask local businesses and schools to adopt an idle-free zone and help improve air quality in your neighborhood?**
- **See Jodi Perras, IKE executive director**
 - Phone: 677-4760**
 - Email: jperras@ikecoalition.org**

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Announcements?



Thank You for Attending

■ Upcoming MBEJC Meetings:

- August 25 - Topics TBD
- October 27 - Celebration and Fundraising Event