

# Get In the Know with Louisville's Air Quality Facts

A large green graphic on the left side of the slide, featuring a stylized white leaf or swirl design. The text "Engage & Collaborate" is written in white, with the ampersand being a large, decorative script font.

Engage &  
Collaborate

Louisville ranks 17th out of 17  
peer cities in air quality.

1.

If you are stopped for more than 10 seconds, you save fuel & reduce emissions by turning off your car (this is not meant for stops in traffic).

Louisville ranks 14th out of 17  
peer cities in air pollution.

A study of air toxins conducted in 2000-2001 found that chronic risk levels from outdoor air pollution were higher in every West Louisville testing site.

The average gas lawnmower produces 14.76 pounds of air pollution in 1 hour.

In an analysis of housing conditions and other risk factors related to health, Louisville's Metropolitan Housing Coalition found that problems related to poor indoor air quality were highly concentrated in northwest and southwest portions of Metro Louisville.

Living in Louisville is the equivalent of living with a smoker for 4 months per year.



In a 2009 nationwide study, looking at the largest discrepancies between the percentage of minorities at risk of poor health outcomes from industrial air toxins and their percentage of the population, Louisville, KY-IN MSA was ranked sixth from the top. In the MSA encompassing Louisville Metro and Southern Indiana, minorities account for 37% of the health risk while making up only 18% of the total population.

# References

1. RWJF County Health Rankings
2. Dee Lynch, KAIRE program coordinator
3. RWJF County Health Rankings
4. Sciences International, Inc. (2003). West Louisville air toxics study: Risk assessment. Prepared for Louisville Metro Air Pollution Control District and West Jefferson County Community Task Force, Louisville, KY.
5. Bradley Coomes, APCD Lawn Care for Cleaner Air and Grow More Mow Less program coordinator
6. In an analysis of housing conditions and other risk factors related to health, Louisville's Metropolitan Housing Coalition found that problems related to poor indoor air quality were highly concentrated in northwest and southwest portions of Metro Louisville.
7. <https://joinvivergy.com/air/211110043>
8. Bullard, R. (2000). Dumping in Dixie: Race, class, and environmental quality. 3rd edition. Boulder: Westview.

# Louisville Air Reporting – Key Resources

<https://air.plumelabs.com/Louisville>

[http://www.airnow.gov/index.cfm?action=airnow.local\\_city&cityid=64](http://www.airnow.gov/index.cfm?action=airnow.local_city&cityid=64)

<https://louisvilleky.gov/government/air-pollution-control-district>

<http://www.helptheair.org>

<http://www.louisvilleairmap.com/#9/38.2285/-85.7610>

<http://horatio2.spd.louisville.edu>

<http://www.healthylouisvillemetro.org/modules.php?op=modload&name=NS-Indicator&file=indicator&iid=17524753>

[https://www.airlouisville.com/?gclid=CjwKEAju8NaxBRDhiafR-uvkpywSJAAXcl6f0MO2psl09NP2\\_Q8eHMPUByxtyv7eSsNyL2KOpnVPdBoCKGnw\\_wcB](https://www.airlouisville.com/?gclid=CjwKEAju8NaxBRDhiafR-uvkpywSJAAXcl6f0MO2psl09NP2_Q8eHMPUByxtyv7eSsNyL2KOpnVPdBoCKGnw_wcB)

<http://urbanmatterinc.com/sensored-city-workshop/>

<https://www.kftc.org/chapters/jefferson-county/air-quality>

<http://www.stateoftheair.org/2015/states/kentucky/jefferson.html>

# Louisville Air Reporting – Key Resources

<http://science.creativecommons.org/sensoredcity/>

<http://www.pbs.org/newshour/bb/data-helping-asthmatics-breathe-easier/>

*PBS NewsHour Weekend clip*

*Bad air day was worst on the east end of Metro Louisville*

<http://instituteforhealthyairwaterandsoil.org/2015/07/bad-air-day-was-worst-on-the-east-end-of-metro-louisville/>

*Louisville among worst for toxic air emissions*

<http://www.courier-journal.com/story/tech/science/environment/2015/09/17/citys-toxic-air-monitoring-remains-unfunded/32503537/>

*John Belski explains a bad air day*

<http://www.wlky.com/weather/The-worst-air-pollution-in-the-U-S-today-is-in-Louisville-Code-Orange-Alert-for-the-entire-WLKY-viewing-area/35099582>

*EPA and the Six Common Air Pollutants*

<http://www3.epa.gov/pm/health.html>

*Air Louisville – community asthma program*

<http://www.airlouisville.com>

*The Institute's blog*

<http://instituteforhealthyairwaterandsoil.org/news/>