

ELWOOD /JOLIET AIR QUALITY & HEALTH

Understanding how particulate matter effects the Elwood and Joliet communities



Particulate Matter (PM2.5) is a tiny toxic particle that can penetrate the lungs, aggravating heart and lung diseases such as asthma and chronic obstructive pulmonary disease (COPD).

Children, elderly, people with existing respiratory diseases, and those who live within close proximity to traffic are most vulnerable to air pollution related health affects.

WILL COUNTY HEALTH STATS



2.6 % of Will County Residents live within 150 Meters of a highway.



8% of Will County adults reported that they have been diagnosed with asthma within the past 6 years.

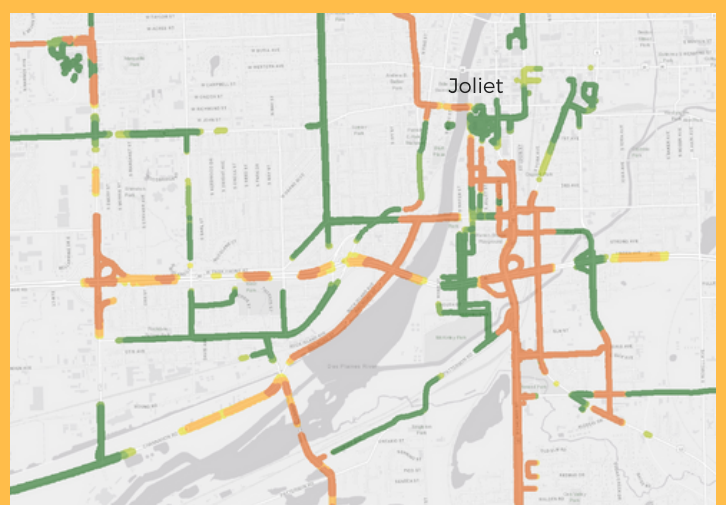
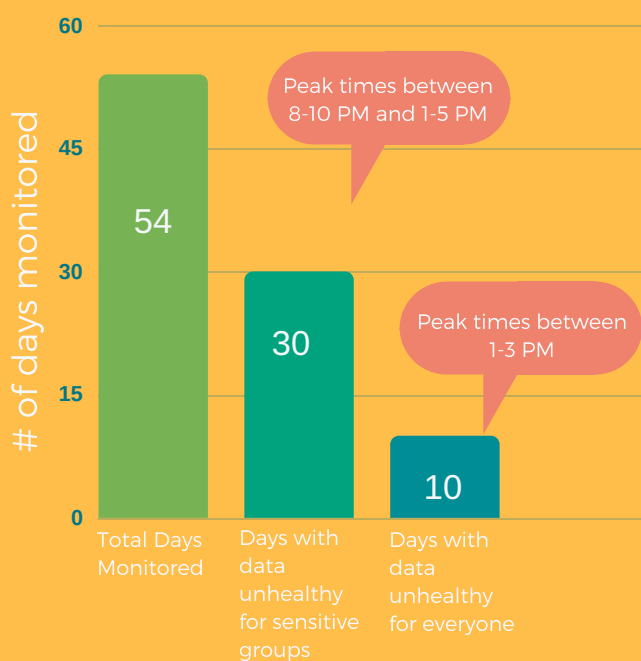


5.1 % of Will County adults have Chronic Obstructive Pulmonary Disease. (COPD)

AIR QUALITY MONITORING

The Elwood/Joliet Air Quality Community Group monitored air quality 3 times a day from April to August along major roads in the Joliet area using PM2.5 sensors that match pollution levels with health risk. To learn more about the monitors and readings visit: airqualitychicago.org

FINDINGS



While monitoring volunteers noted higher PM2.5 levels around Highway 80, Routes 52 & 53 and near idling trucks on neighborhood streets.

Help us protect the health of our community and warehouse workers by standing with us at the Peoples Climate March. Visit riseforclimate.org for more information

Sources:

Airqualitychicago.org
 Illinois County Behavioral Risk Factor Surveys, 2010 - 2014. Retrieved by IDPH Office of Health Promotion 4/14/2016.
 Illinois Department of Public Health, EMS Data Reporting and Illinois Behavioral Risk Factor Surveillance System, 2010-2014, County Level Prevalence Data.
 Illinois EPA, Recommended Annual PM2.5 Nonattainment Area Designations in Illinois.
 Will County Community Health Status Assessment 2016.