



Iowa Environmental Public Health Tracking Network

Nationally Consistent Data Measures for Air Quality – Monitor Only

County Level Average PM2.5 Levels Year 2009

Presented below are data that represent the nationally consistent data measures for monitored concentrations of PM2.5 in Iowa for the Year 2009:

PM2.5 includes fine particles that are between 0.1 micrometers and 2.5 micrometers in diameter. Particles of this size may cause health problems because their size allows them to be inhaled into the deep parts of your lungs.

Air Quality Monitors are not present in all counties. The Iowa DNR manages the Iowa Ambient Air Monitoring Network, and provides this data for use on the Iowa Environmental Health Tracking Network.

The National Ambient Air Quality Standards (NAAQS) are criteria set by the EPA to regulate sources of air pollution. The annual standard for PM2.5 is 15 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

This report contains the following NCDMs at the County Level

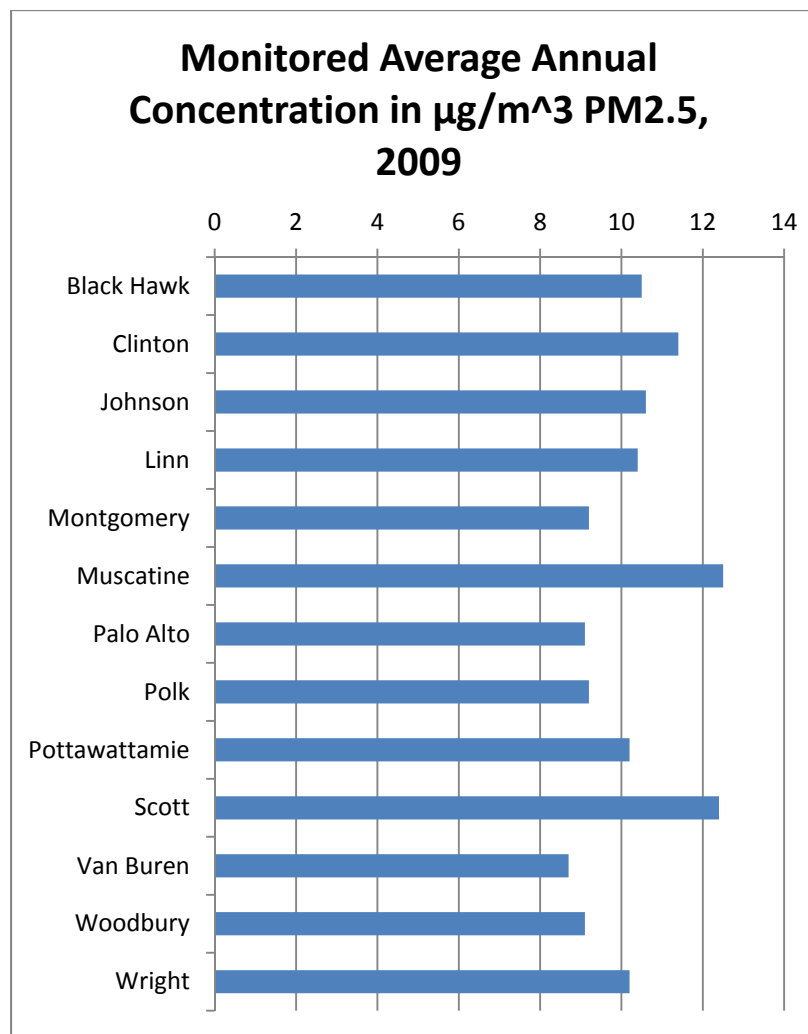
1. Average Annual PM2.5 Concentration in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)
2. Percent of Population in counties by monitoring status:
 - Population living in monitored counties that exceed the Annual PM2.5 NAAQS of 15 $\mu\text{g}/\text{m}^3$
 - Population living in monitored counties that are below the Annual PM2.5 NAAQS of 15 $\mu\text{g}/\text{m}^3$
 - Population living in non-monitored counties



Iowa Environmental Public Health Tracking Network

1. Annual Monitored Average concentration of PM2.5 in ($\mu\text{g}/\text{m}^3$) at the County level in monitored counties for 2009.

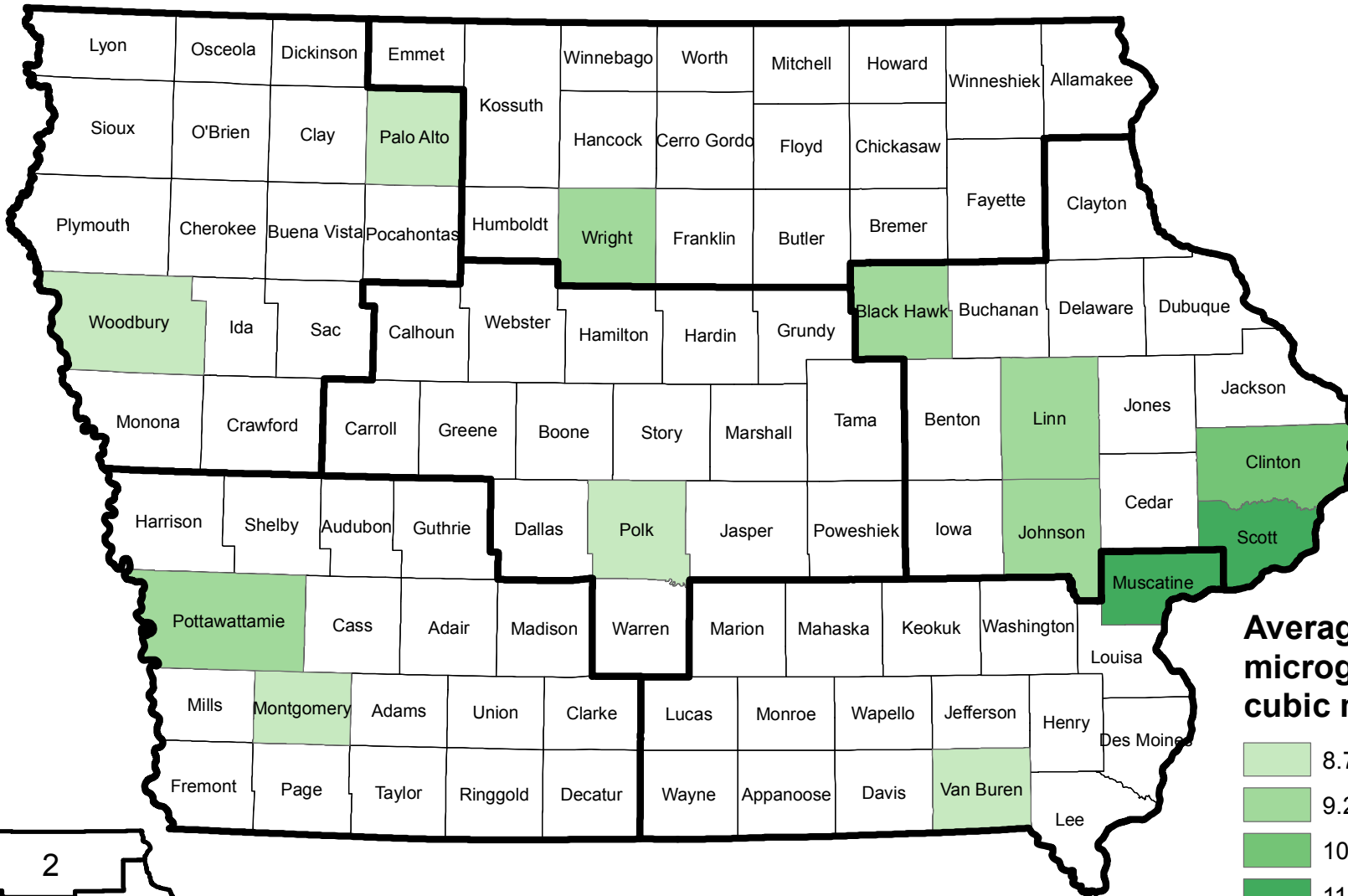
Monitored Average Concentration PM2.5, 2009	
County	Average PM2.5 Concentration
Black Hawk	10.5
Clinton	11.4
Johnson	10.6
Linn	10.4
Montgomery	9.2
Muscatine	12.5
Palo Alto	9.1
Polk	9.2
Pottawattamie	10.2
Scott	12.4
Van Buren	8.7
Woodbury	9.1
Wright	10.2



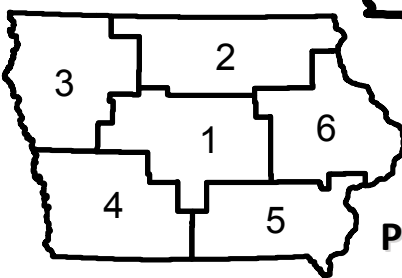
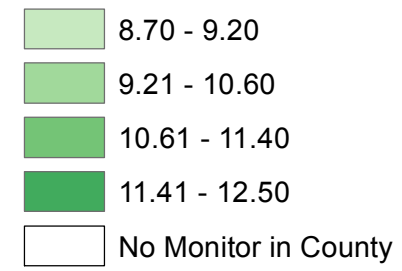
2. Percent of Population in counties by monitoring status, 2009.

	Percent of Population
Monitored counties that exceed the Annual PM2.5 NAAQS	0.00
Monitored counties below the Annual PM2.5 NAAQS	46.25
Non-Monitored counties	53.75

Monitored Annual Average PM 2.5 Level 2009



**Average PM_{2.5} in
micrograms per
cubic meter**



Public Health Regions