

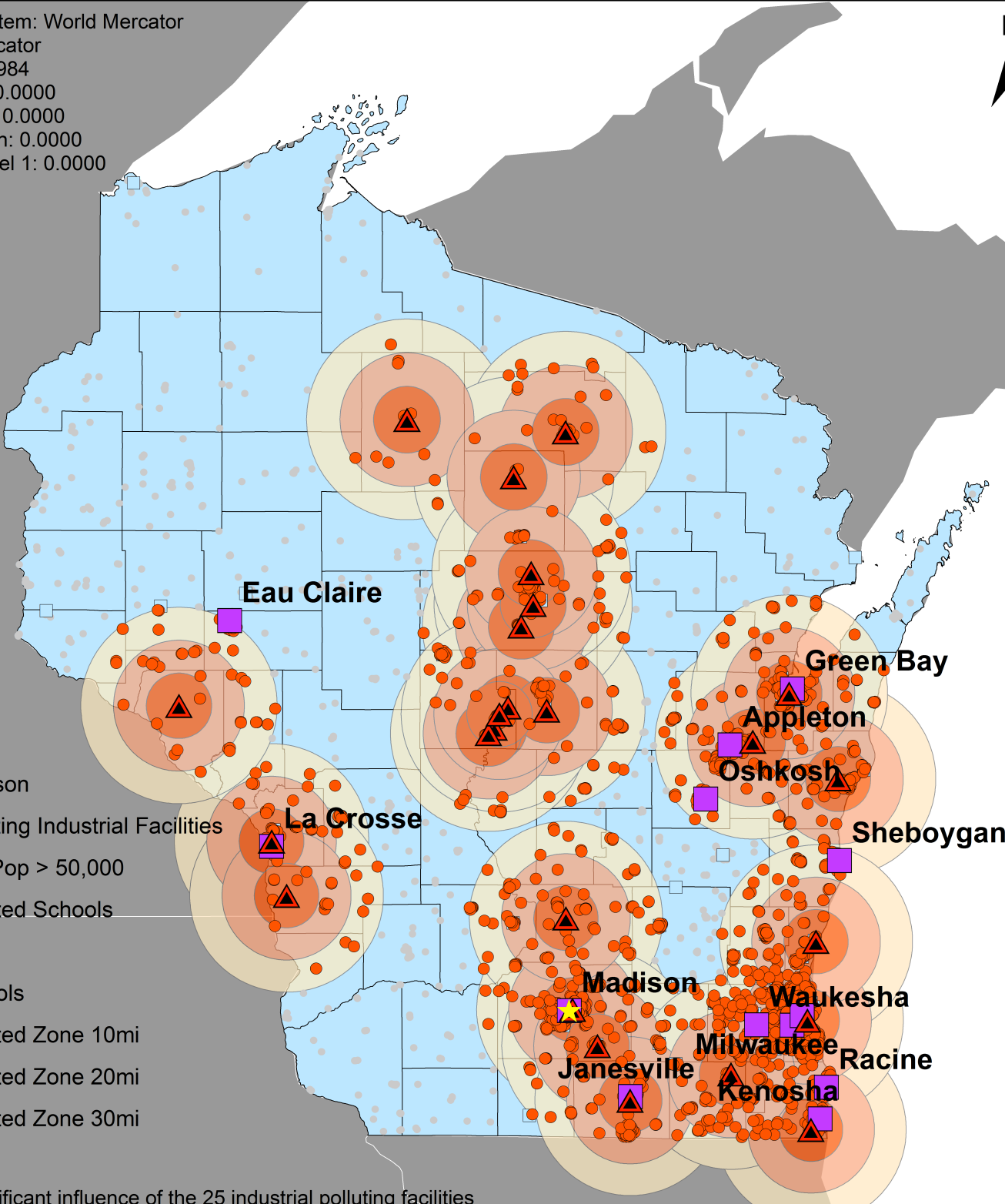
# Affected Area by Polluting Industrial Facilities in Wisconsin

Coordinate System: World Mercator  
Projection: Mercator  
Datum: WGS 1984  
False Easting: 0.0000  
False Northing: 0.0000  
Central Meridian: 0.0000  
Standard Parallel 1: 0.0000  
Units: Meter



## Legend

- ★ Madison
- ▲ Polluting Industrial Facilities
- City Pop > 50,000
- Affected Schools
- Cities
- Schools
- Affected Zone 10mi
- Affected Zone 20mi
- Affected Zone 30mi



There are significant influence of the 25 industrial polluting facilities in Wisconsin. Because of their disperse distributin through the state, it affects a lot of cities, inhabitants, schools, and environment etc. This map focuses on the affected schools and cities with the help of various buffer rings. The presence of distance rings, which are set to be 10, 20, and 30 miles from the pollutant facilities, represents the distance where pollutants can travel. The smaller the distance, the greater the concentration of pollution. After calculations, 2430 out of 3214 schools are within the buffer rings, in which almost 50% are located within 10miles from the pollutant sources. 13 cities which has population over 50,000 are also found within the distance rings. The figures exemplify the hazardous influence of these facilities by showing how much population will be affected, in particularly children and teenagers.

