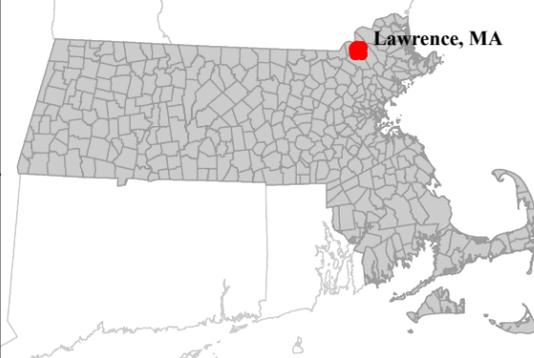


Lawrence, Massachusetts: Environmental Justice Variables, Flood Zones, Water Quality Data, and Potential Exposure Locations

Vulnerable populations* with FEMA flood zones, combined sewer overflows, E. coli water quality data, and local knowledge of swimming, bathing, boating, fishing, and dumping.



* Data Development: "Vulnerable Populations" are Block Groups that contain 4-6 US EPA EJSCREEN variables in the 80th-100th percentile. This layer was developed by the US EPA Region 1 GIS Center and ORD.

Data Sources: Flood Zone data, FEMA (2016); Environmental Justice and Block Group data, US EPA in conjunction with the U.S. Census Bureau and the American Community Survey (2010-2014); Combined Sewer Overflow and Local Knowledge data, City of Lawrence in conjunction with Woodard & Curran; Water Quality Sampling and Location Data, US EPA and its data providers (2003-2015).

Basemap: Bing Maps - Roads, (c) 2016 Microsoft Corporation. Map created by the US EPA Region 1 GIS Center and ORD on 12/22/2016.