

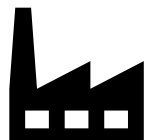
Environmental Justice Criteria in Massachusetts and Orientation to Mapping Tools



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MA Toxics Use Reduction Act (TURA) of 1989



Who reports?

Massachusetts manufacturers who:

- Operate under certain Standard Industrial Classification (SIC) codes
- Have >10 employees
- Manufacture or process $\geq 25,000$ lbs (or otherwise use $\geq 10,000$ lbs) of listed substances

Covers over 400 MA facilities



What TURA requires

- Report to the state
- Pay a fee
- Create a Toxics Use Reduction Plan every two years

TURA does not prohibit companies from using listed chemicals.

Office of Technical Assistance (OTA)

- **Non-regulatory** agency
- Provides **free, confidential** technical and compliance assistance to MA businesses that use toxic substances
- Gives **concrete recommendations** for toxics reduction and resource conservation

OTA has conducted over 3,500 site visits at 1,500 facilities, reducing **millions of pounds** of toxic chemicals and **millions of dollars** in operating costs.



Environmental Justice and the Massachusetts Executive Office of Energy and Environmental Affairs (EEA)

Environmental Justice in Massachusetts:

Key Definitions

Environmental Justice

Environmental justice is based on the principle that all people have a right to be protected from environmental hazards and to live in and enjoy a clean and healthful environment regardless of race, color, national origin, income, or English language proficiency. **Environmental justice is the equal protection and meaningful involvement of all people and communities with respect to the development, implementation, and enforcement of energy, climate change, and environmental laws, regulations and policies and the equitable distribution of energy and environmental benefits and burdens.**

Meaningful Involvement

All neighborhoods have the right and opportunity to participate in energy, climate change, and environmental decision making.

Equal Protection

The protection of all groups of people regardless of income, ethnicity, class, handicap, race, color, religious creed, national origin, sex, gender identity, sexual orientation, genetic information, or ancestry from an unfair burden of environmental hazards and/or limited access to environmental benefits (e.g., clean and natural resources).

Environmental Justice Populations in Massachusetts

The Massachusetts [statutory definition](#) is a neighborhood that meets one or more of the following criteria:

Low Income

Block group whose annual median household income is equal to or less than 65 percent of the statewide median (\$89,026)

People of Color (Minority)

40% or more of the residents identify as a race other than white.

Limited English Proficiency (English Isolation)

25% or more of households lack English language proficiency

People of Color (Minority) & Low Income

25% or more of the residents identify as a race other than white and annual median household income of the municipality in which the block group is located does not exceed 150% of the statewide annual median household income.

Tools and Resources - MA

- OTA mapping tool:
 - www.mass.gov/eea/ota-climate
 - GIS map of toxics users, regulated facilities, climate vulnerability factors, EJ neighborhood layer

Demo

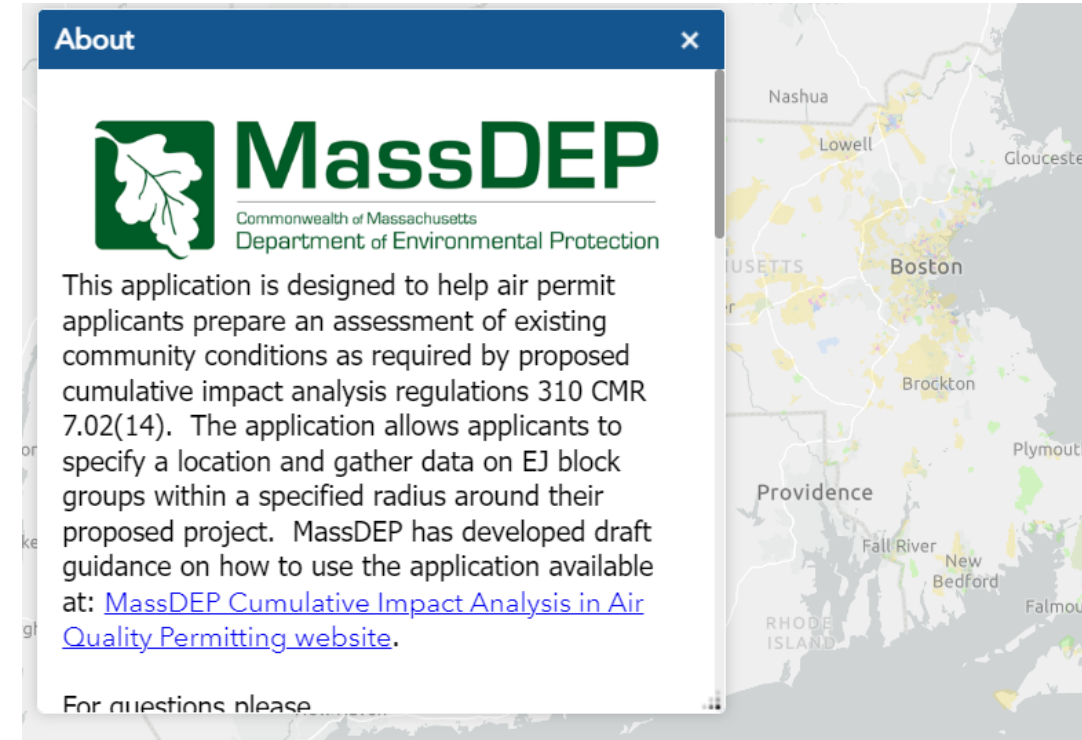
Additional Mapping Tools – MA & EPA

Massachusetts

- [EEA EJ Map Viewer](#)
- [MassDEP Cumulative Impact Analysis](#)
- [MDPH EJ Tool](#)

EPA

- [EJ Screen](#)



Contact Us

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