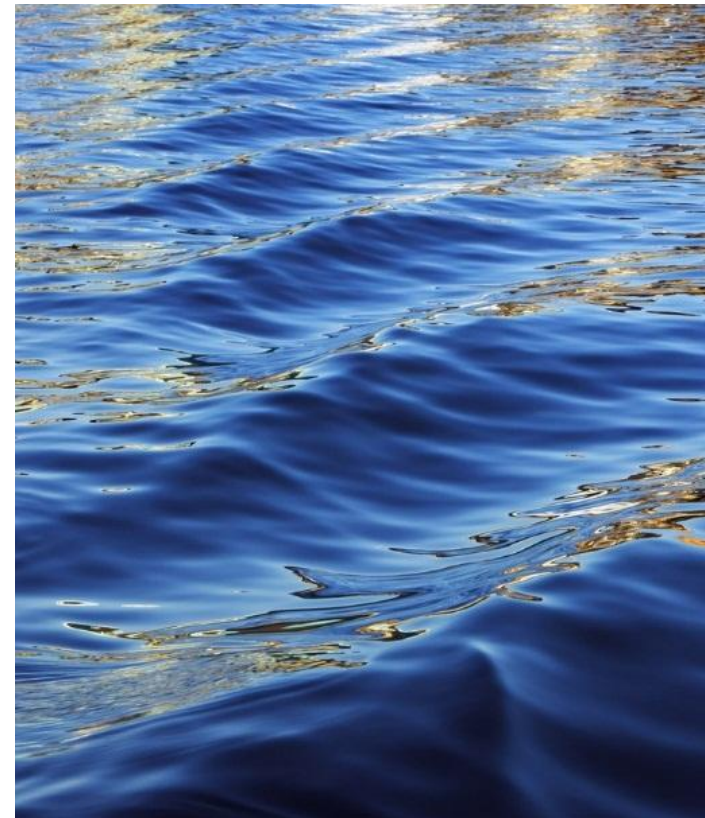


Toxics Use Reduction

Enabling the adoption of safer alternatives



MA Toxics Use Reduction Act (TURA) of 1989

- Created an interagency program to help downstream businesses in MA reduce the use of toxics
- Does not ban or restrict the use of any substance
- List of “Toxics” - updated regularly
- Requires facilities to:
 - Report on their use of Toxics,
 - Create TUR Plans, and
 - Pay an annual fee.

Source Reduction and Pollution Prevention

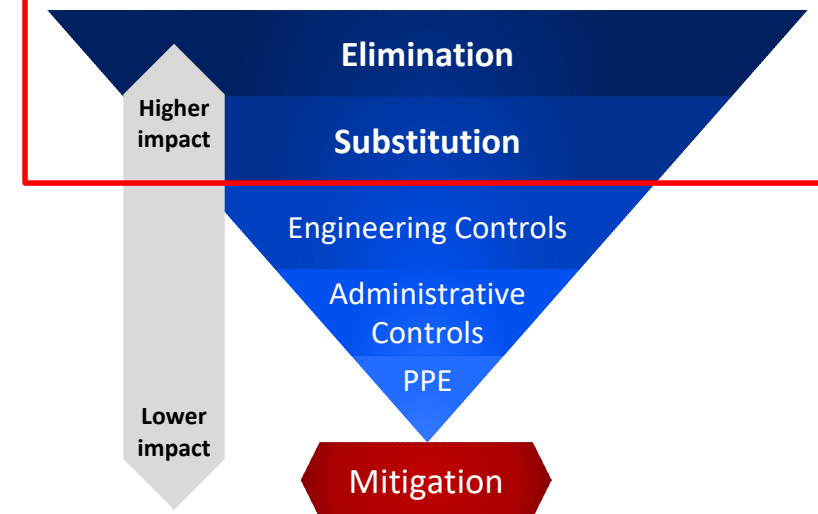
Source reduction, or pollution prevention:

The reduction, elimination, or prevention of pollution at its source.

Results in less waste to control, treat, or dispose of

Reduces hazard posed to occupational and public health and the environment

Hierarchy of Controls

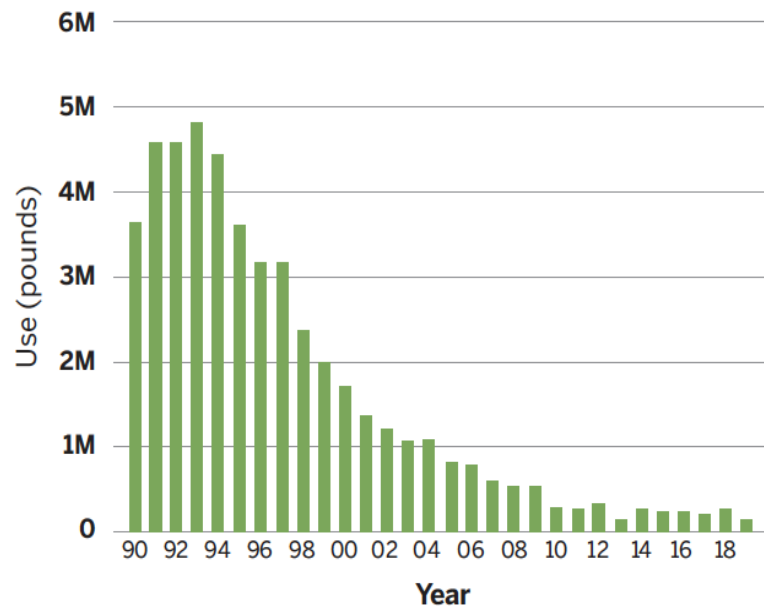


35 years of Reducing Toxics

Data generated by TURA

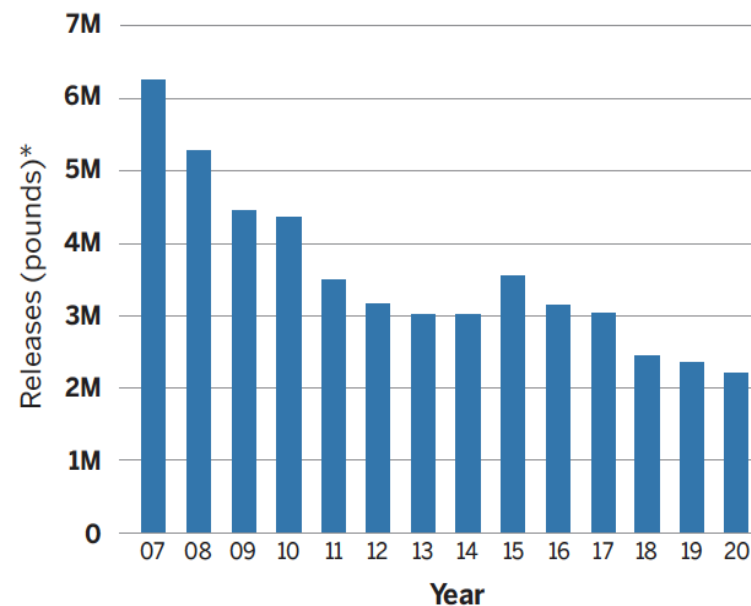
THE BENEFITS OF TOXICS USE REDUCTION: EXAMPLES FROM MASSACHUSETTS

Reduced use of a carcinogen (Trichloroethylene or TCE)

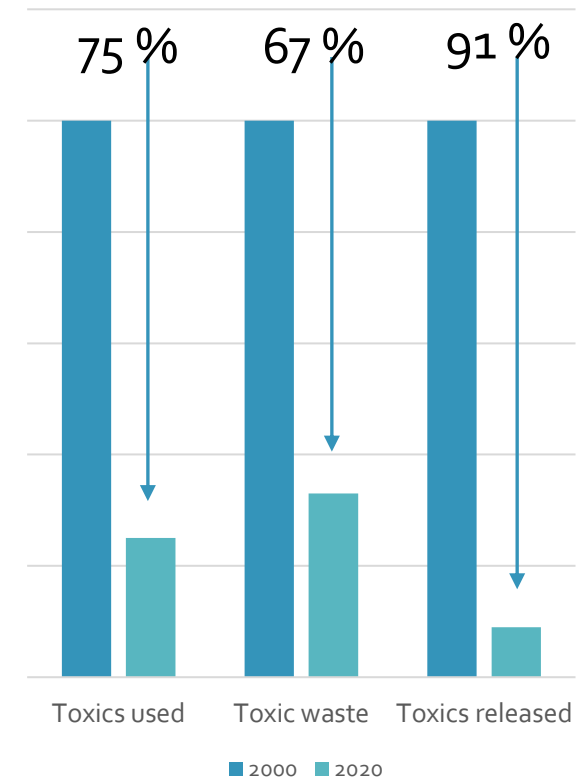


Source: TURAdata.org

Reduced pollution



* Core filers, production adjusted



TURA: Implementing Agencies



Massachusetts Department of Environmental Protection: Planner Certification, Filings, Enforcement, Data Analysis



Massachusetts Office of Technical Assistance and Technology: On-site, Confidential Technical Assistance



Massachusetts Toxics Use Reduction Institute: Training Substitution Experts ("Planners"), Grants, Research & Development, Alternatives Assessments, Policy Analysis, Technical Support, Performance Testing

How TURA Supports Development of Safer Solutions



Academic research to identify new solutions



R&DD to develop reliable options



Grants to support implementation



Substitution experts (“Planners”) build capacity for change



Case studies to expand impact



Tools to share knowledge

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