



**Sheila Dixon**  
Mayor

**CITY OF BALTIMORE**  
**LEPC**  
**LOCAL EMERGENCY**  
**PLANNING COMMITTEE**



**Robert Maloney**  
Director

## **Annual Tier II Reporting Summary**

**LEPC General Meeting**  
**May 21, 2009**

# EPCRA Background

---

❖ 1986:

Congress passed the Emergency Planning and Community Right-to-Know Act (EPCRA) to ensure that government and the public had access to the information needed to plan for chemical emergencies.

# EPCRA Background

---

EPCRA has four major provisions:

- Emergency planning (Section 301-303)
- Emergency release notification (Section 304)
- **Hazardous chemical storage reporting requirements (Sections 311-312)**
- Toxic chemical release inventory (Section 313)

# Tier II Reports: Background

---

- ❖ Facilities that store chemicals above specified threshold quantities must notify the LEPC, MDE, and the Fire Department.
  
- ❖ By March 1 of each year, these regulated facilities must submit a “Tier II” chemical inventory form to the LEPC, MDE, and the Fire Department.

# Tier II Reports: Content

---

- ❖ The chemical name or the common name as indicated on the MSDS
- ❖ An estimate (in ranges) of the maximum amount of the chemical present at any time during the preceding calendar year and the average daily amount
- ❖ A brief description of the manner of storage of the chemical
- ❖ The location of the chemical at the facility
- ❖ An indication of whether the owner elects to withhold location information from disclosure to the public

# Tier II Reports: Reporting Categories

---

- ❖ **“OSHA Chemicals” > 10,000 lbs**
  - Any chemical for which a material safety data sheet (MSDS) is required
  - Most retail gas stations are exempt
  
- ❖ **“EHS” (Extremely Hazardous Substance) > 500 lbs OR “Threshold Planning Qty” (whichever is lower)**

# Note on Tier II Data

---

- ❖ Data reflects only those submissions received by the LEPC to date
  
- ❖ Some facilities that possess reportable quantities of hazardous chemicals may be omitted because they:
  - Submit a report to MDE only
  - Submit a report late (2008 only)
  - Fail to submit a report

# Total Tier II Report Submissions

	2007	2008
OSHA CHEMS ONLY	120	102
EHS	125	117
TOTAL	245	219

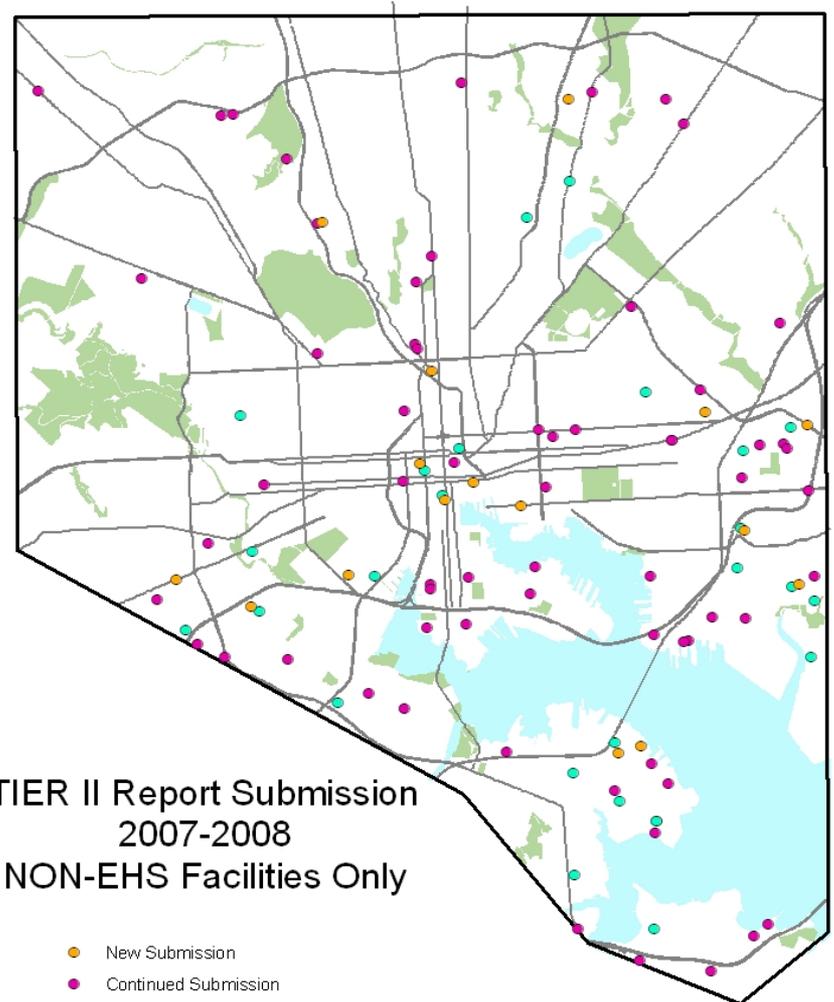
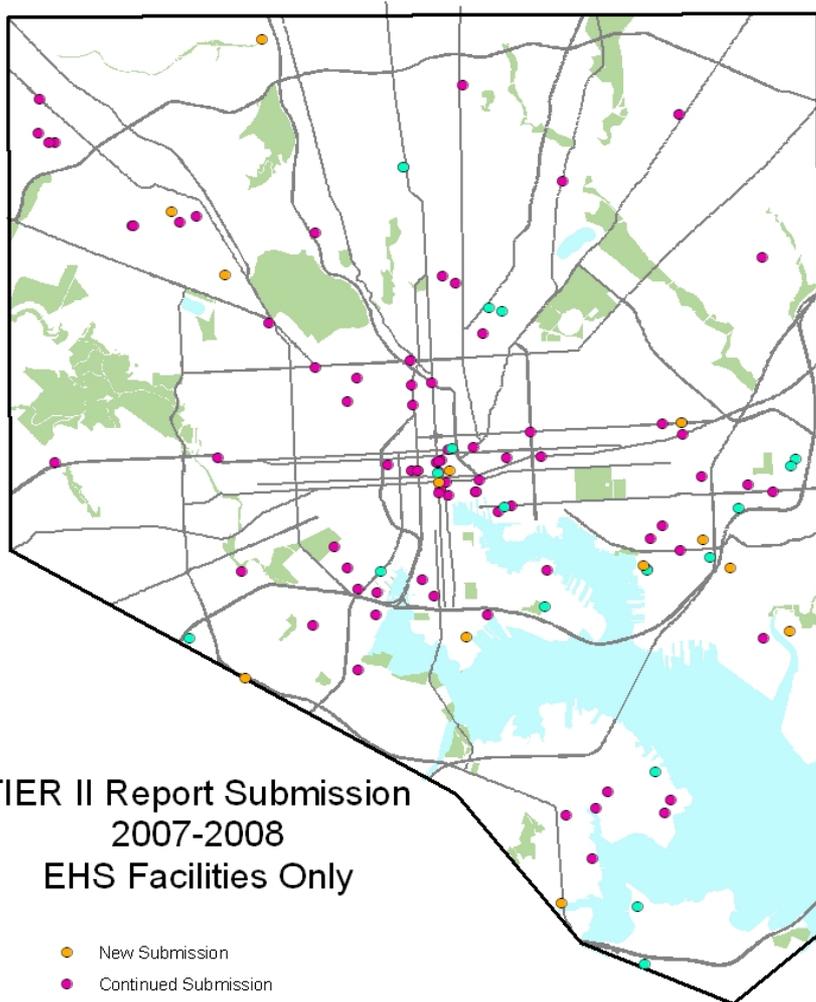
# New and Discontinued Tier II Report Submissions

	<b>NEW</b> 2008=YES 2007=NO	<b>DISCONTINUED</b> 2008=NO 2007=YES
<b>OSHA CHEMS ONLY*</b>	<b>18</b>	<b>35</b>
<b>EHS**</b>	<b>19</b>	<b>27</b>

\* Does not include facilities that submitted both years but changed EHS status

\*\* Includes facilities that submitted both years but changed EHS status

# EHS and Non-EHS Report Submissions 2007-2008: New, Continued, Discontinued



# MOST FREQUENTLY REPORTED EHS CHEMICALS

CHEMICAL NAME	SITES SUBMITTING	
	2007	2008
Sulfuric Acid	117	109
Nitric Acid	6	4
Ammonia	5	3
Battery Acid	0	3
Chlorine	4	2
Cadmium Oxide	3	2
Sulfur Dioxide	1	2
Sodium Cyanide	1	2
Potassium Cyanide	1	2
Hydrochloric Acid	4	1
Formaldehyde	3	1
Ethylene Oxide	2	1
Titanium Tetrachloride	3	0
Hydrogen Peroxide	2	0