## **HOW CAN YOUR COMMUNITY USE** A HAZMAT COMMODITY FLOW STUDY?



## Reduce uncertainty about what HazMat is transported:

- ✓ HazMat IDs (class, placard, and/or material ID)
- ✓ Toxicity and reactivity

## Identify where, when, and how hazards are present:

- ✓ Road, rail, pipeline, and water
- ✓ Locations and times (traffic)
- ✓ Mechanisms (vehicles, tanks)



# Inform risk and vulnerability assessments for facilities, populations, & locations:

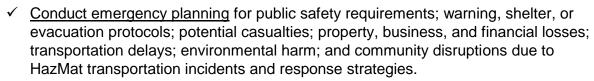
- ✓ Proximity of HazMat transport routes to critical facilities, special needs and general populations, and environmentally sensitive areas
- ✓ Previous locations of serious HazMat transport incidents
- ✓ Transportation network maps, including pipelines



POISON

### Prevent, protect, respond, and recover from hazmat incidents:

✓ Define scenarios for incident pre-planning, training, and exercises.



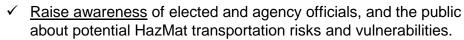


- ✓ Identify equipment needs including PPE; equipment and supplies for chemical detection; confinement and containment; neutralization, extinguishing, and dilution; and decontamination and cleanup.
- ✓ Locate, staff, and equip HazMat teams and caches.
- Collect information for designating <u>HazMat routes</u>.



#### **Create opportunities:**

- ✓ Improve emergency plans. Support development of and updates to your EOP and chemical hazards plans. Provide information for hazard-specific annexes, ESF or functional annexes, and the basic plan.
- ✓ Document budget needs and grant funding requests.



- ✓ Use information for transportation, land use, development, and other comprehensive planning applications.
- Involve your community through participation of your LEPC, local agencies, CERT, and other volunteers.







