Environmental Public Health Tracking: Better information for better health

EH Nexus Webinar | September 2021
Presentation Outline

- Introduction to Tracking
- Tracking Network Demonstration
- Tracking in Action
- Resources for Preparedness & Response
- Q & A
INTRODUCTION TO TRACKING
PROVIDES BETTER INFORMATION FOR BETTER HEALTH

Tracking empowers people to make information-driven decisions to protect and improve health.
CONNETS ENVIRONMENT & HEALTH INFORMATION

Environmental
- Radon
- Drought
- Sunlight & UV
- Wildfire Smoke
- Air Quality
- Extreme Heat
- Drinking Water
- Flood Vulnerability
- Community Design

Exposures

Health Effects
- Asthma
- Cancer
- Heart Disease
- Heat Stress Illness
- Childhood Lead Poisoning
- Developmental Disabilities
- Carbon Monoxide Poisoning
- Reproductive and Birth Outcomes

Population Characteristics
- Lifestyle Risk Factors
  - Socioeconomics
  - Demographics
  - Vulnerabilities
• Data Visualizations
• Interactive Tools
• Contextual Information
• Downloadable Datasets
• State & Local Resources

Dashboards
Interactive Data Explorer (maps, charts, and tables)
Application Program Interface (API)
Location-specific Information (census tract, county, state, national)
MAKES DATA EASY TO SHARE

Share links

Download data files

Create image files & embeddable code
ENVIROMENTAL PUBLIC HEALTH TRACKING NETWORK

Demonstration
TRACKING IN ACTION
HELPS IMPROVE HEALTH WITH
DATA, TOOLS, AND EXPERTISE

Target prevention activities

Monitor community health

Identify communities at risk

Support epidemiologic studies

Educate residents

Inform city or state planning

Inform health policies
TRACKING & PREPAREDNESS
TRACKING’S ROLE IN PREPAREDNESS ACTIVITIES

- identify households or geographies at risk
- determine available community assets
- calculate needed resources
Datasets

- Community Characteristics
- Populations & Vulnerabilities
- Flooding & Precipitation
- Extreme Heat

Tools

- Wildfire smoke tool
- Real-time overlays
- Points of interest
DASHBOARD DEMOS
Q & A