

Fostering Collaboration in Environmental Public Health Tracking: A CDC Perspective



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The CDC Futures Initiative: Achieving Health Impact



CDC's Goals Management Process



Health Protection Goals Architecture

Health impact	<u>People</u>	<u>Preparedness</u>	<u>Places</u>
	<u>Infant & Toddler</u>	Pre-Event	<u>Healthy Communities</u>
	1 2 3 4	Prevent 1 2	TBD
	<u>Child</u>	Detect 3 4	<u>Healthy Homes</u>
	1 2 3 4	Report 6	TBD
	<u>Adolescent</u>	Event	<u>Healthy Workplaces</u>
	1 2 3 4 5	Investigate 8	TBD
<u>Adult</u>	Control 7	<u>Healthy Schools</u>	
1 2 3 4 5	Post-Event	<u>Healthy Hospitals and Healthcare</u>	
<u>Elder Adult</u>	Recover 8 9	<u>Healthy Travel and Recreation</u>	
1 2 3 4 5	Improve 10	<u>Healthy Institutional Facilities</u>	
		TBD	
	<u>Global</u>		
	TBD		



People/Life-stages



Infant

Child

Teen

Adult

Senior

People: All people, especially those at higher risk due to health disparities, will achieve their optimal lifespan with the best possible quality of health in every stage of life.

Preparedness

Goal: People in all communities will be protected from infectious, occupational, environmental, and terrorist threats.



The Importance of Place

- Potential impact throughout all life stages.
- Public health achievements in the 20th Century associated with places
 - Food safety
 - Water / Sanitation
 - Indoor and outdoor air quality
 - Vector and infection control
 - Solid and hazardous waste



Healthy Places - Dimensions

- Unique characteristics of each place.
- Health improvement actions specific to the place.



Healthy Places - Paradigm

- **Traditional**

- Agent (e.g., lead, mercury, & dioxin)
- Medium (e.g., EPA - air, water, soil)
- Disease (e.g., NIH – cancer, COPD)

- **CDC Futures Initiative - Places**

- Communities
- Homes
- Hospitals and Healthcare
- Institutional Facilities
- Schools
- Travel and Recreation
- Workplaces



Technological and Methodological Advances

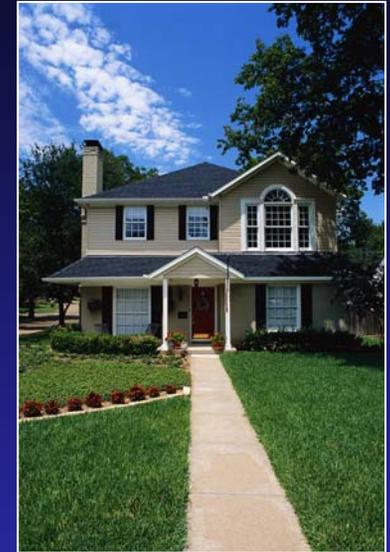


- Environmental Public Health Tracking.
- Biomonitoring.
- Event surveillance.
- Computer Modeling & GIS.



Overarching Goal

- The places where people live, work, learn, and play should protect and promote human health and eliminate health disparities.



EPHT Vision: Healthy Communities



- Translating environmental and public health data into meaningful and usable information.
- Applying EPHT knowledge leads to actions resulting in healthy communities





Need for Collaboration in EPHT

- **Federal-level collaborations will help:**
 - **Minimizes redundancies.**
 - **Leverages each other's resources.**
 - **Accelerates the impact of the program.**

