ENVIRONMENTAL PUBLIC HEALTH TRACKING NETWORK & CANCER SURVEILLANCE

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Environmental Public Health

- Science that focuses on the relationship between environmental factors and the health of human populations
Environmental Public Health Tracking (Tracking) focuses on surveillance of environmental factors and related health outcomes.

- Examples of environmental factors: drinking water contaminants, ozone, particulate matter, community design.
- Examples of health outcomes: asthma, birth defects, cancer, cardiovascular disease, heat-related illness, birth outcomes.

- Funded through a cooperative agreement with CDC since 2003.
Tracking Grantees

- University of California Berkeley
- University of Utah
- University of Illinois
- University of Pittsburgh
- New York City, NY
- University of Medicine & Dentistry of New Jersey

Color Legend:
- Funded states and cities
- Academic Partners of Excellence
Tracking Web Portal –
www.floridatracking.com

Florida Environmental Public Health Tracking

Environment
- Air Quality-Outdoor
- Drinking Water
- Indoor Air

Health
- Asthma
- Birth Defects
- Cancer
- Carbon Monoxide
- Childhood Lead
- Enteric Disease
- Heart Attacks
- Heat-Related Events
- Occupational
- Pesticide Exposure
- Reproductive Outcomes

My Community
- Community Data
- Consuming Fish Safely
- County Profiles
- Folic Acid Awareness
- PACE-EH

Tools You Can Use
- Animated Maps
- EPHT Glossary
- EPHT User Guide
- Graphs
- Training

What is Environmental Public Health Tracking?

Florida Environmental Public Health Tracking is a grant funded program to identify and promote the use of nationally consistent data in partnership with the Center for Disease Control and Prevention and other grantee states. Learn more

What's new?

Updated asthma and heart attack data
Cancer – Core Indicators

- Nationally Consistent Data Measures (NCDMs) – indicators displayed by all Tracking grantees
  - Bladder
  - Brain & other Nervous Systems
  - Breast
  - Leukemia (Acute Lymphocytic, Acute Myeloid, Chronic Lymphocytic)
  - Lung & Bronchus
  - Non-Hodgkin’s Lymphoma
  - Thyroid
Cancer – Core Indicators (New)

- New NCDMs
  - Kidney & Renal Pelvis
  - Liver & Intrahepatic Bile Duct
  - Melanoma of the Skin
  - Mesothelioma
- Tobacco Related
  - Esophagus
  - Larynx
  - Oral Cavity & Pharynx
  - Pancreas
Data Reports & Tools

Breast Cancer

Breast cancer is a malignant tumor that starts in cells of the breast. A malignant tumor is a group of cancer cells that may invade surrounding tissues or spread (metastasize) to distant areas of the body.

Breast cancer is one of the most common cancers among women. It is estimated that one in eight women will develop breast cancer sometime during her life. Breast cancer is more common among older women. The risk for getting breast cancer increases with age. More than three-quarters of women who get breast cancer are over the age of 50. The disease may also affect men, but it’s much less common.

While animal studies indicate that environmental exposures (other than ionizing radiation) may contribute to breast cancer, their role has not been established. Whether or not ionizing radiation is a risk factor for breast cancer depends on the frequency and intensity of exposure. Women with a family history of breast cancer may also be at higher risk.

Exposures to chemicals such as polycyclic aromatic hydrocarbons have often been suspected of causing breast cancer. Some pesticides and industrial products have been suspected of causing breast cancer. Whether or not ionizing radiation is a risk factor for breast cancer depends on the frequency and intensity of exposure. Women with a family history of breast cancer may also be at higher risk.

About this data

Description of this indicator: Age-adjusted incidence rate of breast cancer per 100,000

How was this indicator created?

How complete is this dataset?

Please Select Indicator Attributes

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<tr>
<th>Indicator</th>
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Display Graph

Display Report

View Dynamic Map

Map User Manual
Data Reports & Tools (continued)

Age-adjusted incidence rate of breast cancer per 100,000
Rate by County, Female, All Races, All Ethnicities, 50 or greater Years old

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Select Indicator Group: Cancer
Select Indicator Topic: Breast
Select Indicator Data: Age-adjusted incidence rate of breast cancer per 100,000

Age-adjusted incidence rate of breast cancer per 100,000 (Female, All Races, All Ethnicities, 50 or greater Years old)
Mobile Web Portal

[Images of mobile phones showing the Florida Environmental Public Health Tracking portal]
Mobile Web Portal (continued)

Age-adjusted rate of asthma emergency room visits

County: Bay
Time Period: Year 2010

- Why “track” asthma hospitalizations?
  Asthma is a complex, chronic respiratory condition that affected an estimated 6.2 million children and 13.8 million adults from 2001-2003 in the US. Because asthma is a non-reportable disease in many states in the US, the CDC, EPA and the Florida Department of Health are working together to build the Environmental Public Health Tracking Network to track asthma to better learn more about how outdoor air quality contributes to asthma hospitalizations.

- What is already known about asthma and the environment?
  Researchers are still not clear on what causes asthma. However, over the years, important steps have been made to help identify things in the environment which may contribute to an asthma episode or asthma attack. Several asthma “triggers” may include exposure to...
Communication & Outreach

National Environmental Health Association Environmental Public Health Tracking Online Training (Tracking 101)

Interactive Environmental Public Health Tracking Training

Nancy Learns about her Cancer Risks (en Español)

Cancer Data and the Florida Tracking Program
Communication & Outreach (continued)

- Public Service Announcements/YouTube Videos
  - AirNow -  
    http://youtu.be/0BwTasPc25c
  - Asthma Action Plan – 
    http://youtu.be/VFtmec6Us4E

- Upcoming Outreach Events
  - FL Healthy Start Coalition Meeting, August
  - FL Public Health Association Meeting, August
  - FL Environmental Health Association Meeting, Sept
Contact Information

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