



Alachua County Health Department
May 10, 2018

Florida Department of Health - Alachua County



Outline

- ▣ Introduction
- ▣ State Agency
- ▣ 4 Pillars of Public Health
 - Emergency Response
 - Environmental Health
 - Communicable Disease
 - Primary Care

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DEPARTMENT GOAL



"To protect, promote and improve the health of all people in Florida through integrated state, county, & community efforts."

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Funding

- ▣ ~\$16 Million Budget
 - 30% state appropriation
 - 30% grants & contracts
 - 40% fees & 3rd party reimbursements

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Who Are We?

- ▣ ~300 employees.
- ▣ Doctors, nurses, epidemiologists, environmental engineers, geologists, soil and environmental scientists, emergency preparedness & response planners, vital statisticians, accountants, information technologists, human resource managers, attorneys, investigators, clerical, health educators and support staff.



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PILLAR # 1

ALL HAZARDS RESPONSE:

Terrorism
Natural Disasters
Etc...

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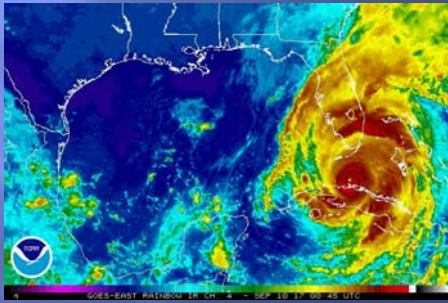




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Hurricanes



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Flooding



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Well Impacts



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Wind Damage



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Sewage



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Mosquitoes



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SHELTERS



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PILLAR # 2

ENVIRONMENTAL HEALTH

Regulation
Inspections
Compliance

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Environmental Health Programs

- ❑ Mobile home and R.V parks
- ❑ Tanning facilities
- ❑ Swimming pools and public bathing places
- ❑ Public and private schools
- ❑ Biomedical waste generators
- ❑ Body piercing establishments
- ❑ Sanitary nuisance investigations



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Environmental Health Programs (Continued)

- ❑ Food establishments
 - One of three agencies that regulate this industry:
 - Department of Health
 - Institutional food service: schools, bars, civic and fraternal organizations, etc...
 - Department of Agriculture
 - Grocery stores, bakeries, flea markets, bottling plants, etc..
 - Department of Business and Professional Regulation
 - Restaurants, caterers, hotel food service, etc...

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Environmental Health Programs

- ❑ Onsite sewage treatment and disposal systems:
 - Approximately 30,500 systems in the county
 - In 2016:
 - 670 applications were processed for new construction, repairs, existing systems, and abandonments.
 - Sludge disposal
 - Ensure proper treatment and disposal of septic tank pump-out material.

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Environmental Health Programs (Continued)

❑ Water programs:

- Onsite laboratory
 - Performs bacteriological analysis
 - Capability through state lab for broad range of water parameter testing
- Water system regulation
 - Depending on size of water system and population served, the ACHD or FDEP provides regulatory oversight.



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Environmental Health Programs (Continued)

❑ Water Programs:

- SUPERACT Program
 - State Underground Petroleum Environmental Response ACT
 - ACHD manages this program in 14 north central Florida counties.
- Investigations:
 - Complaints
 - Investigations
 - Sewage spills

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SITE ASSESSEMENTS & ADVERSE HEALTH EFFECTS

- ❑ The primary route of exposure that may result in adverse health effects is the ingestion of contaminated drinking water.

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"The Playbook"

- ❑ I.D. Parcels within ¼ mile.
- ❑ Determine groundwater flow direction.
- ❑ Evaluate contaminants of concern.
- ❑ Conduct well survey.
- ❑ Select wells and perform water sampling.
- ❑ Interpret results.
- ❑ Forward notifications.
- ❑ Establish monitoring frequency.



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PILLAR # 3

COMMUNICABLE DISEASE

Surveillance
Epidemiology
Intervention

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Communicable Disease

- ❑ Immunizations to both children and adults
- ❑ Foreign travel clinics
- ❑ HIV/AIDS, STD, hepatitis services
- ❑ Tuberculosis control
- ❑ Epidemiology network
- ❑ Veterinary epidemiology
- ❑ Surveillance network

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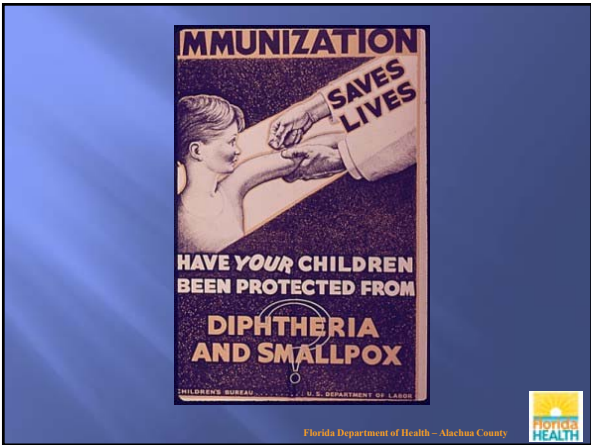




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The Goal

Make Alachua County
the most protected community
in the nation
through school-based
influenza immunization

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Alachua County Program

- School located influenza vaccination (SLIV)
- All public and private K-12 schools
- Live attenuated vaccine
- 2016-18 only shots used



3/19/2014

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Program History: Completing 10th Year of Operation

- 2006/2007
- 2009/2010
- 2010/2011
- 2011/2012
- 2012/2013
- 2013/2014
- 2014/2015
- 2015/2016
- 2016/2017
- 2017/2018

3/19/2014

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PRIMARY MEDICAL CARE

- ▣ Preventative, Acute and Chronic Disease Management
- ▣ Services directed at population at or below 100% of the poverty level
- ▣ Four clinical sites, provide both adult and pediatric medical care/
- ▣ Mobile bus
- ▣ ER Diversion

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The Southwest Clinic



In the "SWAG" neighborhood



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Why Public Health?

"Why We Don't Spend Enough on Public Health"
David Hemenway, Ph.D.
NEJM 5/6/10

1. Benefits lie in the future
2. Beneficiaries are unknown
3. Benefactors unknown
4. Public health efforts resisted

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U.S. Mortality Comparisons

☐ In 1900, top three causes of death were:

1. Pneumonia
2. Tuberculosis
3. Diarrhea/Enteritis

☐ In 2001, top three causes of death were:

1. Heart Disease
2. Cancer
3. Stroke

(As a % of All Deaths)

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Contact Us:

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