



# ANNUAL REPORT

### Surgeon General's Message John Armstrong, MD, FACS State Surgeon General and Secretary of Health



To the People of Volusia County:

This year, we are celebrating 125 years of public health in Florida. By preventing infectious diseases and supporting livable environments, public health has opened all of Florida to opportunity through a great quality of life. Your Department of Health continues this legacy in Volusia County by advancing initiatives to protect, promote and improve health in all communities.

Recognizing that weight challenge is the top public health threat to our future, we have developed Healthiest Weight Florida, a public-private collaboration that brings together state agencies, local governments, businesses, schools, not-forprofit organizations, faith-based groups, and entire communities to reshape environments so that healthy choices become easier choices. We encourage all children, adults, and families in Volusia County to make healthy choices about food and active living every day. After all, our health reflects the sums of seemingly small choices that we make over time.

This past year has seen remarkable successes for health in Volusia County, yet challenges remain. It is by working with our communities that we will become the healthiest state in the nation!

Sincerely,

John Armstrong

### Director's Message Bonnie J. Sorensen, MD, MBA Florida Department of Health in Volusia







#### To our community:

2013 was the year of community health improvement planning. As a result of the Affordable Care Act, each of our not-for-profit hospitals was required to engage the community to develop a community health assessment as well as a community health improvement plan. Therefore, five hospitals in Volusia diligently engaged members of our community to better understand the health challenges facing our residents daily and come up with plans to improve our health.

During this important assessment and planning process, DOH-Volusia launched Healthy Volusia as a forum to understand their plans and consolidate priorities and actions. After review of multiple assessments, Healthy Volusia members decided that the two most important healthy issues for Volusia County were access to health care and obesity. As a result, we created a workgroup for each to work on actions we can take in our community to improve access and prevent obesity.

So far, much work has been accomplished related to enhancement of our 211 system and Healthiest Weight Florida initiatives. To see our full list of activities and meeting schedules, please visit HealthyVolusia.org.

Bonnie J. Sorensen

#### MISSION

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

### VISION

### To be the Healthiest State in the Nation

#### VALUES

Innovation:	We search for creative solutions and manage resources wisely.
Collaboration:	We use teamwork to achieve common goals and solve problems.
Accountability:	We perform with integrity and respect.
Responsiveness:	We achieve our mission by serving our customers and engaging our partners.
Excellence:	We promote quality outcomes through learning and continuous performance improvement.

### **Senior Leadership Team**



Dr. Bonnie J. Sorensen Director

Greg Ballard Financial Administrator



Susan Blais Senior Personnel Manager

Thomas Bryant III Director Office of Informatics and Assessment





Diane Byerly Data Center Director

Lisa J. Funchess WIC Program Manager





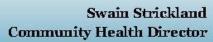
Paul M. Minshew Environmental Manager





Solinka Murillo-McIntosh Director of Disease Control

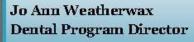
Hussain E. Rawji Senior Physician







Stefany Strong Public Information Officer



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#### DOH VOLUSIA PROGRAMS, SERVICES AND COMMUNITY PARTNERSHIPS











#### **Assure Access to Health Care**

Dental Care • Emergency Room Diversion Program (grant-funded) • Family Planning • Florida Breast and Cervical Cancer Early Detection • Maternity Care

#### **Encourage a Healthy Environment**

Protect Water • Beaches and natural bathing places • Drinking water and irrigation wells/systems • Onsite sewage disposal systems • Public drinking water • Swimming pools and spas

Assure Facility Safety and Sanitation • Biomedical Waste and Community Used Sharps Disposal • Food hygiene inspections at schools, detention centers, bars, fraternal/civic organizations and theaters • Safety and sanitation inspections at schools, foster homes, residential care facilities, migrant housing, mobile home parks, campgrounds, body piercing and tattooing salons • Indoor air quality education

#### **Prevent Disease and Protect Health**

Adult and child immunizations • Data analysis and informatics • Hepatitis • HIV/AIDS • Mosquito-Borne Illness • Outbreak Investigations • Public Health Preparedness • Rabies • Sexually Transmitted Diseases • Surveillance (tracking and monitoring) • Special Needs Shelters • Tuberculosis • Vital Statistics (Birth Certificates and Death Records)

#### **Promote Healthy Living**

Tobacco Prevention • WIC and Nutrition Services • Healthy Volusia and Pace EH/Midtown HEAT • Community Health • Healthy Start Program • Lead Poisoning Prevention • Community Health Assessment and Improvement Planning



### Assure Access to Health Care

#### **Family Planning**

Client Visits	9,947
Services Provided	.50,506

#### **Maternity Care**

Client Visits	11,249
Services Provided	.40,973

#### Immunizations

Child Visits	7,617
Services Provided	.29,529
Adult Visits	3,775
Services Provided	.9,615

#### Sexually Transmitted Diseases

Client Visits	. 3,332
Services Provided	15,707

#### HIV

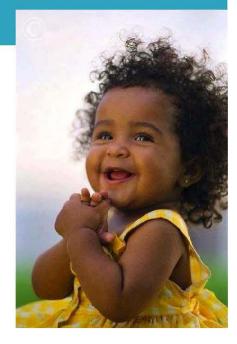
Client Visits	1,899
Services Provided	.4,158

#### ΤВ

Client Visits	3,740
Services Provided	5,416

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Client Visits	41,559
Services Provided	155,904

Total



### **Dental Care**

Client Visits 25,955 Services Provided 128,255

### Assure Access to Health Care

### DENTAL CARE

#### SCHOOL BASED DENTAL SEALANT PROGRAM

In 2013, DOH-Volusia completed its second year with the school-based preventive dental sealant program.

The program continues to serve an important role by providing much needed preventative oral health care to children.

The program provided children with 24,360 preventative services.



\$808,487 is the value of the services provided to children during the 2012/2013 school year.

75% cost savings

**4,994** children received oral health education.

**3,349** children returned parental consent forms and were screened for oral health needs.

**1,253** (41%) of the children had untreated decay and were referred for dental care.

**2,183** children received dental sealants.



### **Assure Access to Health Care**

Florida Breast & Cervical Cancer Early Detection Program Florida Department of Health

Served 672 women in Volusia County

Provided 124 Pap smears

Provided 473 mammograms

No cost Pap smears, clinical breast exams and mammograms are available for women who meet the following:

- Are between 50 and 64 years old
- Do not have any type of medical insurance
  - Have limited income

#### Call 1-800-226-6110



### **Vital Statistics**

Issued 10,689 birth certificates



#### Serving diverse populations



Language Line interpreter services were used 129 times to communicate with clients in eight languages including Spanish, Arabic, Mandarin, Vietnamese, Italian, Tagalog, Haitian Creole and Korean.

Easter Seals sign language interpreter services were used 33 times.

## Assure Access to Health Care HEALTH EQUITY

#### Annual summit puts spotlight on health equity

More than 100 community partners and public health workers attended the annual Health Equity Summit hosted by the Florida Department of Health in Volusia County, Bethune-Cookman University and Halifax Health in April.

DOH-Volusia Assistant Director of Public Health/DOH Deputy Health Secretary Dr. Celeste Philip and keynote speaker Dr. Kevin Sneed, Dean of Pharmacy, USF



Experts talked about health equity, the social determinants of health and ways to eliminate health disparities.



Leroy Robinson and Patrick Forand provided information on sexually transmitted diseases and HIV/AIDS.

Karen Hodge provided information on dental health





### Assure Access to Health Care

#### **Community Partners in Care launched new**

#### no cost prescription drug program

Community Partners in Care is a collaborative effort with the Florida Department of Health in Volusia County, Florida Hospital Fish Memorial and Family Health Source Medical Centers.

Anne Gentile and Christina Roebling were trained to work a special software program that allowed them to provide assistance to eligible clients in getting their pharmacy needs met.



Ann Gentile, Angie Honda, MedNet navigator, and Christina Roebling

# Community Partners in Care clients received assistance with the following:

Applying for the West Volusia Hospital Authority clinic card,

case management services and obtaining medical care at Good Samaritan Clinic

- Appointment reminders and follow-up
- Identifying and addressing barriers to receiving medical care
  - Obtaining medications at no cost from manufacturer

843 clients served







### Encourage a Healthy Living Environment

#### **ENVIRONMENTAL HEALTH**

# Limited Use Public Water System Program receives "Excellent" rating



Yvette Lewis, Brian Volkman, Andy Natal, and Paul Hextell

An audit of our Environmental Health Limited Use Public Water System (LUPWS) Program resulted in an "Excellent" rating. The audit closely examined the following program elements:

- 1. Reference/Forms and Equipment
- 2. Water Systems File Review
- 3. Program Implementation

# 106 LUPWS plant inspections

Environmental Health lab ceases water testing

September's Environmental Health staff meeting featured a special tribute to the lab employees. The EH lab ceased water testing in the fall of 2013.

Nancy Eddy, Rob Kirby, Kathie Maves, Kelly Young, Elaine Racicot and Jack Towle



### Encourage a Healthy Living Environment

#### **ENVIRONMENTAL HEALTH**

### EH Engineering SDWA Program Rated "Excellent"



Department of Environmental Protection and Department of Health staff performed an audit of our EH Engineering Safe Drinking Water Act (SDWA) program . The eight person audit team closely examined eight program elements as follows:

- 1. Organization, Staffing and Resources
- 2. Data Management and Files
- 3. Review of Permit and Plan Review Procedures Compliance
- 4. Review of Sanitary Surveys and Compliance Inspections
- 5. Enforcement
- 6. DEP Coordination and Assistance Activities Training

# 170 SDWA plant inspections



**Encourage a Healthy Living Environment** 

**ENVIRONMENTAL HEALTH** 

### **Permits Issued**

Biomedical Waste generators (permitted and exempt)	1,104
Body Piercing salons	16
Food Hygiene Program	502
Group Care Program (schools, residential, foster homes)	626
Mobile Home Parks (mobile homes / RV and campgrounds)	211
OSTDS (septic system) annual operating permits	473
OSTDS (septic system) service companies	41
Public pools and spas	1,072
Septic system construction permits	1,379
Tanning salons	40
Tattoo	47
Water (Limited Use annual operating permits)	104
Water (Safe Drinking Water Act construction permits)	61
Water (Safe Drinking Water Act annual operating permits)	156
Well permits (potable / irrigation / monitoring /	356, 1
abandonment)	
Irrigation system permits	973
Total	8,161



Prevent Disease and Protect Health

THE AIDS PROGRAM

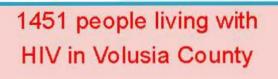
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**Department of Corrections** 

Served 231 clients

 Provided 1,373 services



- DOH-Volusia staff conducted 2150 HIV/AIDS tests during 2013 and discovered nine new positives.
- 60 new AIDS cases and 99 new HIV cases reported throughout Volusia County in 2013.



### **Prevent Disease and Protect Health**

### **Reportable Diseases 2013**

Campylobacteriosis	75
Carbon Monoxide Poisoning	9
Creutzfeldt-Jakob Disease	2
Cryptosporidiosis	10
Cyclosporiasis	*1
Dengue Fever	2
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Ehrlichiosis/Anaplasmosis, HME (E. Chaffeensis)	2
Escherichia coli, Shiga Toxin Producing	16
Giardiasis	22
<i>Haemophilus influenzae</i> (Invasive Disease)	6
Hemolytic Uremic Syndrome	2
Hepatitis A	2
Hepatitis B (+HBsAg in Pregnant Women)	6
Hepatitis B, Acute	7
Hepatitis B, Chronic	69
Hepatitis C, Acute	12
Hepatitis C, Chronic	846
Lead Poisoning	5
Legionellosis	6
Lyme Disease	6
-	
Meningitis, Bacterial, Cryptococcal, Mycotic	2
Meningococcal Disease	2
Mumps	1
Pertussis	16
Pesticide-related Illness or Injury	3
Rabies, animal	5
Rabies, Possible Exposure	178
Rocky Mountain Spotted Fever	2
S. Aureus, Community-Associated Mortality	5
Salmonellosis	178
Shigellosis	3
<i>Streptococcus pneumoniae</i> , Invasive Disease, Drug Resistant	19
Streptococcus pneumoniae, Invasive Disease, Drug Susceptible	20
Streptococcal Disease Invasive Group A	12
Varicella	15
Vibrio Alginolyticus	1
Vibrio Parahaemolyticus	1
Vibrio Vulnificus	2

TOTAL:

### **Public Health Preparedness**

EXERCISES AND TRAININGS



### Public Health Preparedness

Solinka McIntosh-Murillo and Thomas Bryant III represented the Florida Department of Health in Volusia County at the Integrated Emergency Management course attended by elected officials and other emergency response staff from Volusia County.



Thomas and Solinka on campus of the Emergency Management Institute in Emmittsburg, Maryland. FEMA provides funding for courses. Solinka manages DOH-Volusia's preparedness program.

The exercise-based training

activity is designed to build awareness and skills needed to develop, test, and implement policies, plans, and procedures in an Emergency Operations Center to protect life and property.

### Accomplishments

- Conducted Special Needs Shelter full scale exercise with multiple partners including Volusia County School District, Volusia County Emergency Management, Children's Medical Services, United Cerebral Palsy, University High School and others.
- Participated in DOH Region 5 full scale exercise to test mass casualty and medical surge capability in response to plane crash and possible bioterrorism event. This was one of the largest single day exercises ever in the state of Florida involving over 60 agencies and 1500 participants.
- Hosted a one day Local Distribution Site training for staff and community partners on the county level logistical operations needed in a medical countermeasure event.
- Conducted a tabletop exercise to address the response to an outbreak of pneumonic plaque and how the community would respond.
- Conducted functional drill to activate Continuity of Operations Plan (COOP). This exercise enabled DOH-Volusia to identify and prioritize service delivery during emergency situations.

### Public Health Preparedness MEDICAL RESERVE CORPS

The Medical Reserve Corps (MRC) is a community-based group of medical and non-medical volunteers that are pre-trained, prepared, and ready to respond to emergencies by supplementing existing local emergency and public health resources during a time of need.

#### Volusia County



Volunteers Building Strong, Healthy, and Prepared Communities

Volusia MRC volunteer, Dr. Rod Mateo, was deployed to the Philippines through Project HOPE in response to Typhoon Haiyan.

The volunteer surgeon provided care to those in need during this emergency.

#### 2013 Volusia County MRC Program

**131 Registered Volunteers** 

726 Volunteer Hours

23 New Volunteers

In 2013, volunteers participated in numerous public health preparedness events and trainings such as Population Monitoring for Radiation Response Training, Chemical Terrorism Preparedness Training, a Continuity of Operations Functional Drill and various community outreach events.





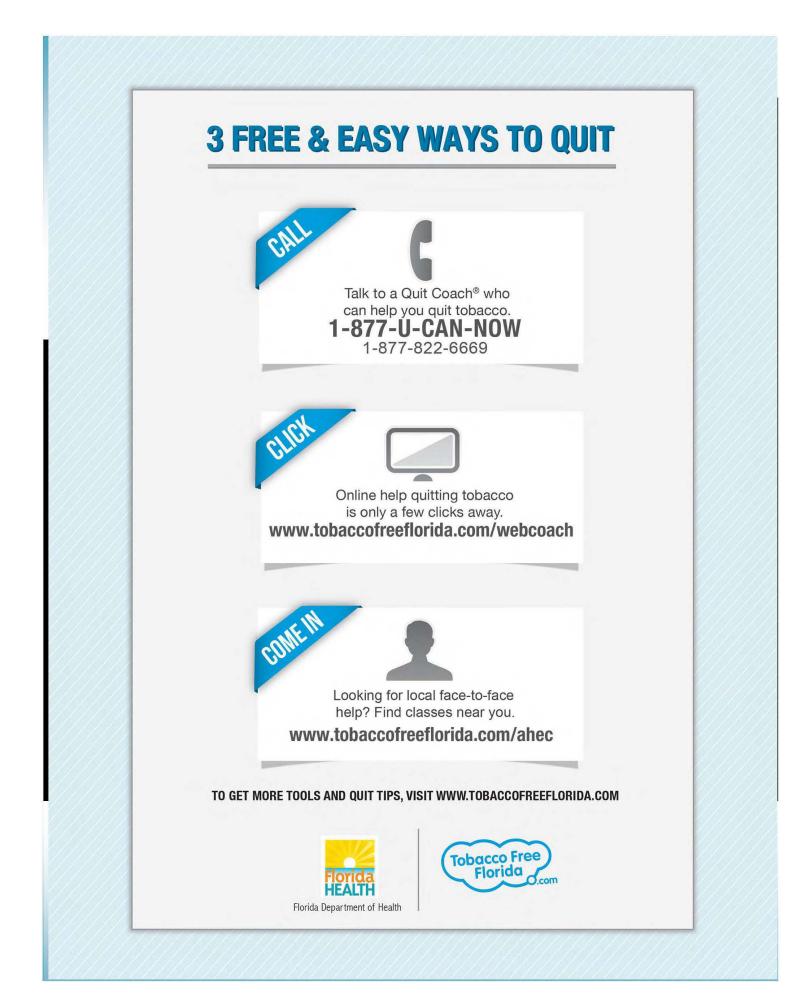
Callers consisted of:

83.7% white

8.4% black or African American



people die daily from tobacco related illnesses in Florida



### Promote Healthy Living in Our Communities

### **SUPPLEMENTAL NUTRITION PROGRAM** FOR WOMEN, INFANTS AND CHILDREN



### WIC PROGRAM

123,927 WIC clients

### WIC Program Facts

78.9% of infants ever breastfed

### 437,342 WIC coupons issued

\$8,514,764 generated to the local economy through the redemption of WIC coupons at 54 local WIC grocery stores



### Expanded

WIC services in Pierson to one full day

### (Wednesdays)

### Community Partnerships

ealthyVolusia

by more than 34,000 people.







Outreach events provided thousands of brochures and materials to the public on a variety of important health topics.





#### and many more

### Promote Healthy Living in Our Communities Community Health

Healthiest Weight Florida is a publicprivate collaboration bringing together state agencies, not for profit organizations, businesses, and entire communities to help Florida's children and



adults make consistent, informed choices about healthy eating and active living.



State Surgeon General and Secretary of the Florida Department of Health Dr. John Armstrong addressed the Volusia County Council where he discussed Florida's Healthiest Weight Initiative.

State Surgeon General John Armstrong, Dr. Bonnie J. Sorensen, Dave Byron and Donna DeMarsh outside council chambers.





Employees in the WIC Program chat with our Surgeon General who wanted to meet as many employees as possible during his visit.

About 100 community partners and employees stopped by the Healthy Volusia meeting to hear Dr. John Armstrong discuss the state's Healthiest Weight Initiative.

The meeting was coordinated by Director of Community Health Swain Strickland.

### Promoting Healthy Living in our Communities



Thomas Bryant III and his new friends at Westside Elementary School in Daytona Beach enjoy an exciting story featuring Ironman and the Habit Heroes



### **Lessons Learned**

- Eat nutritious meals
- Do physical activity
  daily

# Promoting Healthy Living in our Communities

#### **PUBLIC EMPLOYEES BREAK ANOTHER RECORD**

27



# Feed the Need

Third annual countywide 'Feed the Need' public employee food drive

**More than** 



pounds of food collected

#### National Association of County and City Health Officials



Dr. Celeste Philip and Dr. Bonnie J. Sorensen accept NACCHO awards at national conference in Dallas, Texas.

### 2013 NACCHO Awards

Dr. Bonnie J. Sorensen, Livia Horne, Patricia Sturm, Diane Byerly, Shirley Wilson, Marisol Bahena, Kathy Diaz, Sherry Francisco, Susan Skinner and Kristie Johnson

(Mary Garcia not pictured)





- The Provider Productivity Analysis project improves government efficiency by measuring the productivity of medical providers.
- The Clinic Productivity Dashboard project improves accountability through the use of key indicators.



"These awards are evidence of our commitment to developing responsive and innovative public health programs that improve the health of local residents."

Dr. Bonnie J. Sorensen, Director

Florida Department of Health in Volusia County



Bonnie J. Sorensen, MD, MBA, director of the Florida Department of Health in Volusia County received the 2013 Great Communicator award at the 14<sup>th</sup> Annual "Gems in Communications" luncheon held by the Volusia/Flagler Chapter of the Florida Public Relations Association (FPRA).



DOH Volusia public information officer Stefany Strong was sworn in as Florida Public Relations Association (FPRA) Volusia/Flagler Chapter President by FPRA state President Chris Gent.

DOH Volusia assistant director of Public Health, Dr. Celeste Philip, was appointed Deputy Secretary for Health and Deputy State Health Officer for Children's Medical Services.





The Centers for Disease Control and Prevention Childhood Immunization Champion Award, given jointly by the CDC and the CDC Foundation, honors individuals who are doing an exemplary job or going above and beyond to promote or foster childhood immunizations in their communities.



Dr. Bonnie J. Sorensen congratulates Nancy Whisenhant, manager of Infection Control Ammunizations for Florida Health Care Plans as CDC Immunization Champion. Nancy is a former DOH-Volusia employee.

### SUZANNE GRUBBS AND CHARLES BETHUNE SELECTED AS 2013 HOMETOWN HEROES

Suzanne Grubbs and Charles Bethune were the recipients of the City of Daytona Beach's Annual Hometown Hero award given at the Juneteenth Banquet in June.

Past recipients of this honor from the Florida Department of Health in Volusia County include Dr. Bonnie. J. Sorensen, Leroy Robinson and Solinka Murillo-Mcintosh. Several DOH-Volusia employees have worked on the planning committee each year and participated in the Juneteeth activities.

Juneteenth, also known as Freedom Day or Emancipation Day, is a holiday in the United States that commemorates the announcement of the abolition of slavery in Texas in 1865.



Suzanne Grubbs



Charles Bethune

"Suzie and Charles are extremely deserving of this award as they have dedicated themselves to addressing health inequities within the Midtown community of Daytona Beach. They have also worked tirelessly at facilitating the Midtown Health Equity Action Team (Midtown HEAT) a community based coalition working towards addressing community identified health concerns."

Chip Schelble, Environmental Supervisor II

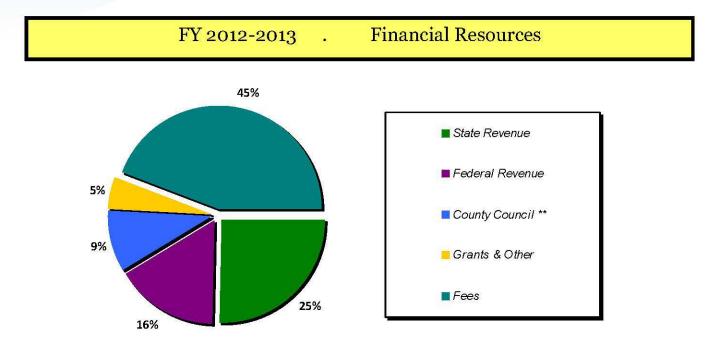
### Organization Finance and Accounting

#### FINANCIAL RESOURCES

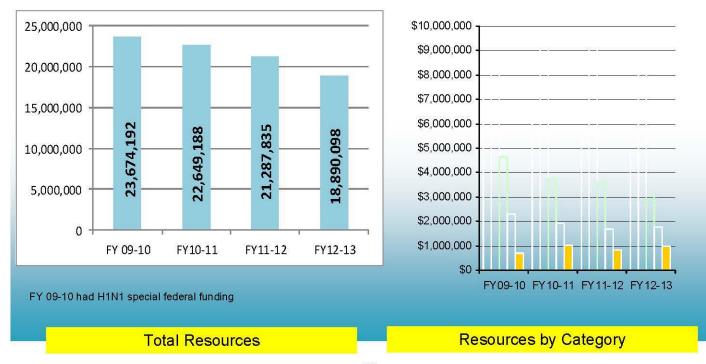
Resources/ Assets

Leveraging

The Florida Department of Health in Volusia County has multiple financial resources. These include fees, grants and budget allocations from the county, state and federal governments. Historically, fees assessed for various health department services, state and federal support have been the largest parts of the budget, followed by the Volusia County Council appropriations and grants.



\*\*County Council budget based on County FY Oct. 1, 2012-Sept. 30, 2013



#### **STATE RESOURCES**

State resources comprise 25 percent of the budget. These resources are allocated from State General Revenue (GR) or other state-appropriated revenue. GR is distributed as either Categorical or Non-Categorical. Resources from Categorical GR or other state-appropriated revenue must be used for specific programs as identified on the health department's Schedule "C". Since Fiscal Year 2009-2010, total resources provided by the state declined 32 percent.

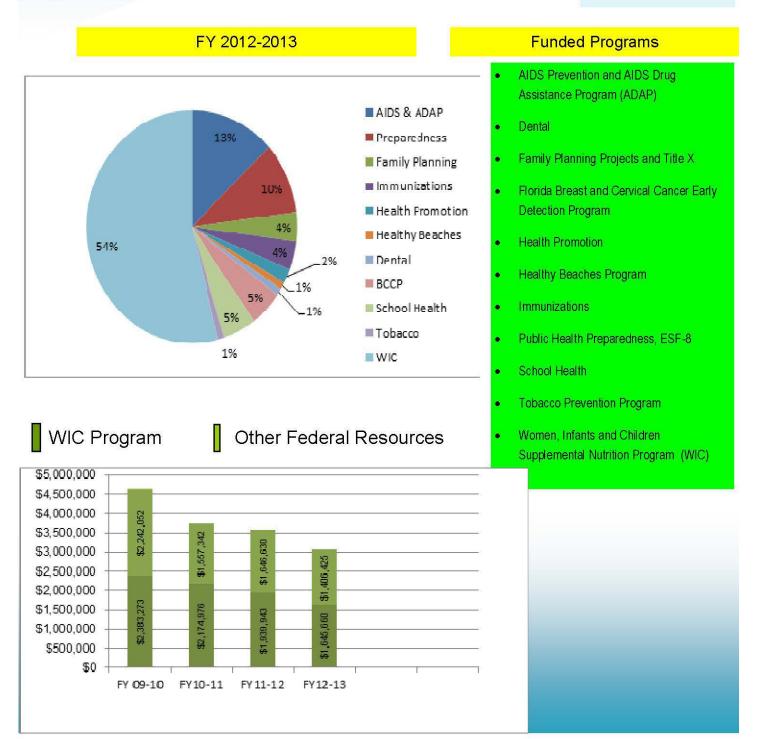
25% of total budget



#### FEDERAL RESOURCE

The federal funds allocated to individual programs may vary from year to year as well as the specific programs funded. The Women, Infants and Children (WIC) program accounted for 54 percent of the health department's total federal resources. The WIC program funding has decreased 15 percent this past year due to Federal reductions.

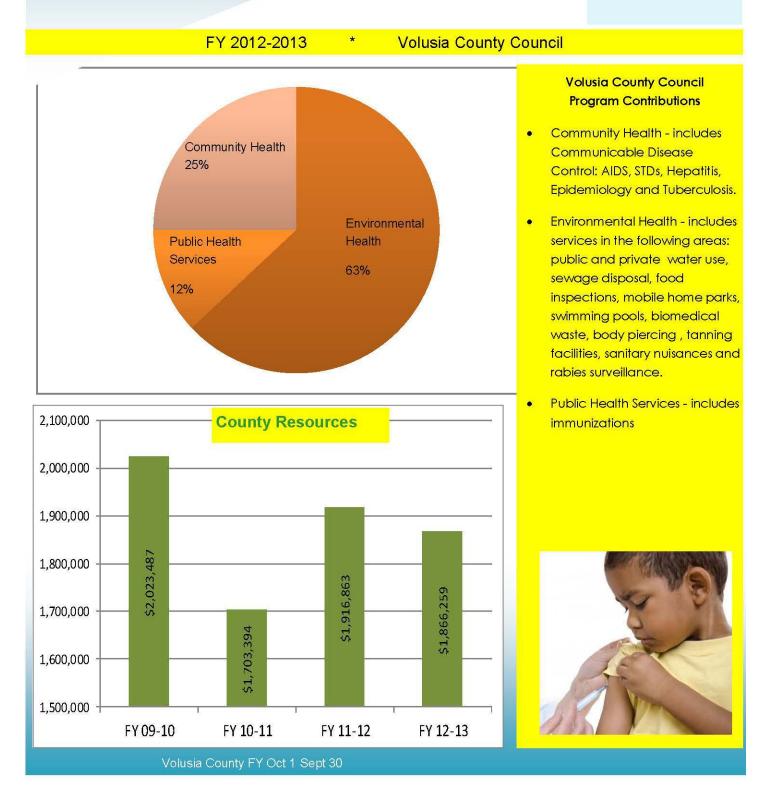
16% of total budget



#### **COUNTY RESOURCES**

Resources are provided by the Volusia County Council for programs approved in the annual county budget. The graphs below reflect the cash contributions from the Volusia County Council and the services supported by those funds.

9% of total budget

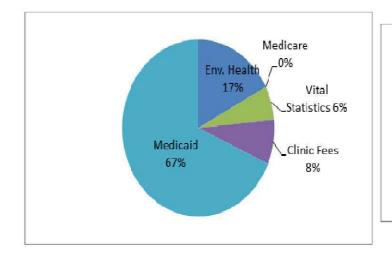


#### FINANCE Fee Revenue

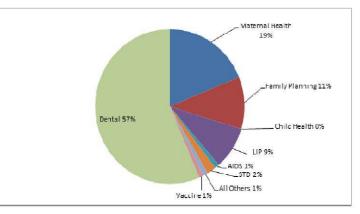
The Florida Department of Health in Volusia County charged fees for some services and were reimbursed for some services. Non-medical fees were charged for permits and inspections obtained through our Environmental Health office. The Vital Statistics office charged fees for certified copies of birth and death certificates. Medically related fees were based on eligibility utilizing a sliding fee for patients without insurance.

45% of total budget

#### FY 2012-2013 Fee Revenue



#### Medicaid Reimbursement

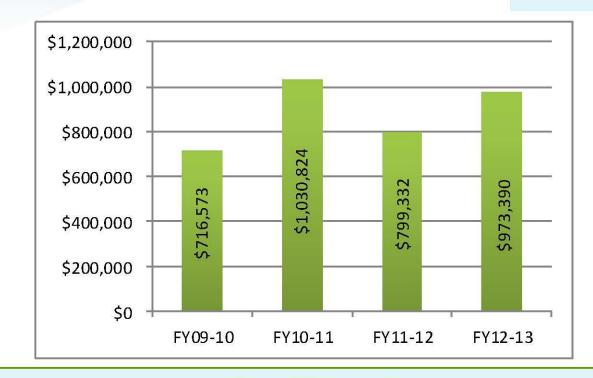




### **GRANTS AND OTHER RESOURCES**

This section includes resources provided by local grants, donations, fines and reimbursement for work performed by the health department. Contractual reimbursement by the Health Planning Council typically accounts for about 29 percent of this resource category. The other major sources of funding in this category are listed in the table below.

5% of total budget



#### **Sources of Reimbursement**

- Health Planning Council
- West Volusia Hospital Authority (FY 08-09 reflects the last year of the WVHA primary care contract)
  - Northeast Legal Consortium
  - National Association of County and City Health Officials
  - National Association of Chronic Disease Directors (Achieve)
    - Florida Department of Transportation
    - Miscellaneous Environmental Health Fines
      - Services for other CHDs (IT)
        - FIRS Team
    - Interest earned on state investment account

### Organization Office of Health Informatics and Assessment

- Assisted with the Orange Avenue Health Impact Assessment project – conducted field surveys, analyzed data, assisted with report writing
- Provided health statistics per request
- Oversaw the organization's
  Accreditation Process
- Developed Fluoridation fact sheet
- Created Health Equity Summit customer satisfaction survey and analysis





### **Information Technology**

Launched major project: The implementation of Electronic Health Records in Volusia, Flagler and Seminole counties.

### Organization **Public Information**

#### More than 30 news releases issued to media

Earned Media translates into positive publicity as a result of news releases, story pitches, news conferences and other tools based on building strong media relationships.

> Estimated value of Earned Media coverage \$800,000

More than 130

print articles published in newspapers, magazines and online

Subject Matter Experts conducted numerous media interviews to raise awareness and inform our community about a number of public health topics such as:

- Influenza
- Drowning Prevention
- Healthy Beaches
- Tobacco Prevention
  - Rabies
- Florida's Healthiest Weight
- WIC and Nutrition
  Program
  - HIV/AIDS
    - TB
    - STDs



### Organization **Public Information**

#### LIKE A BOOK-TAKE IT HOME



Children are reading as many books as they can during their visits to the Florida Department of Health in Volusia County. Just ask the employees who work around the children and you'll hear a number of stories that make you smile.

"We use the books a lot in the clinics. The children are so delighted to find out they can take their favorite book home with them. They smile and give us a great big thank you!"

Livia Horne, Manager, Daytona Beach Health

**Community Partner Distribution Raises Awareness** 



The Florida Department of Health in Volusia County distributed thousands of brochures and educational items to our community partners.

The materials featured information on breast cancer, diabetes, flu shots, drowning prevention, nutrition, immunizations, family planning, physical activity and more.

Senior community nutritionist Tonia Marchena (right) shares healthy eating tips with representative from the Chiles Academy

### Florida Department of Health in Volusia County Locations



### Serving Volusia County



### volusiahealth.com 386-274-0500

