



FY 2018-2019 Ways and Means Healthcare Budget Briefing

January 24, 2018



Agency Attendees

- David Wilson – Acting Director
- Jennifer Read – Chief of Staff
- Rick Caldwell – Senior Director of Legislative Affairs
- Darbi McPhail – Chief Financial Officer
- Bruce C. Busbee – Budget Director
- Katie Phillips – Legislative Director
- Lilian Peake, MD – Director of Public Health
- Shelly Kelly – Director of Health Regulation
- Myra Reece – Director of Environmental Affairs



DHEC by the Numbers

DHEC Team

- Currently **over 3,200 employees strong**
 - 3,045 full-time
 - 106 temporary grant
 - 28 hourly
- Operating 99 locations in **46 counties** across the state

Legal Responsibilities

- DHEC legal responsibilities currently touch on **more than 360** state and federal statutes and regulations, and state provisos

Day-to-Day Operations

Snapshot of what "business as usual" looks like for DHEC in an average year:

Public Health

- 696,953 clinical client encounters in our local health departments
- 238 acute disease outbreak investigations conducted
- 44,809 reports of acute diseases reviewed
- Over 1,000,000 public health laboratory tests performed, including 536 individuals tested for Zika virus
- More than 300,000 requests fulfilled for birth and death certificates

Day-to-Day Operations

Snapshot of what "business as usual" looks like for DHEC in an average year:

Health Regulation

- Over 10,000 health regulation inspections & investigations conducted
- 10,285 new prescription monitoring program users
- 1,623 state and local law enforcement officers trained to carry and administer naloxone to combat opioid overdoses

Environmental Affairs

- Over 39,900 active environmental permits
- Over 61,000 environmental inspections
- 47,500 environmental health complaints investigated

Special Operations

Hurricane Irma Response

- DHEC **assessed** the condition of **91 dams** in areas impacted by the storm
 - **No dams** were found to have breached
 - **1 Emergency Order** was issued to owner of regulated dam
 - **18 Consent Agreements** are being finalized
- **3 Boil Water Advisories** were issued
- **5 Special Medical Needs Shelters** opened for a total of **23 shelterees**
- **25 inpatient health care facilities**, including 1 hospital, **evacuated** from the medical evacuation zones; 2 hospitals and 1 nursing home sheltered in place; **14 patients were transported**

Special Operations

Zika Virus Preparedness

- In February 2016, DHEC began preparing for the rapidly developing Zika virus outbreak in the Caribbean and Central and South America
- **Created a Zika Task Force**, which led to the successful development of the **SC Zika Response Plan**
- **Held the SC Zika Forum** to bring together and educate more than **200 state and local partners** about their roles and responsibilities in preventing, detecting and responding to Zika
- **Tested 536 individuals for Zika** over the last year through our public health laboratory



Recap of FY 18 Increased Funding

Electronic Health Records (\$3.8M)

- Request for Proposals (RFP) for an Electronic Health Record system was published on August 1, 2017

Data Center Relocation (\$3.2M + \$8M in FY17)

- Migration scheduled to be complete by end of June 2018

Stroke Prevention (\$147,500)

- Hired stroke coordinator and developed stroke regulation that was approved by the DHEC Board (now headed to the General Assembly)

Lead Screening (\$511,234)

- Hired 3 EPA-certified lead assessors, funded a new lead tracking data system, and provided training for nurses doing lead investigations



Recap of FY 18 Increased Funding

Best Chance Network (Cancer Screenings) (\$1,000,000)

- 1,015 women have received mammograms so far this year using state funding
- Contracted with the University of SC for additional screenings through the Center for Colorectal Cancer Prevention Network

Dam Safety (\$4.9M one-time + \$595K recurring in FY17)

- Increased staffing levels from 2.57 FTEs in 2012 to 14.5 FTEs today, allowing DHEC to place six engineers in our regional offices throughout the state to inspect and work closely with dam owners in their local areas
- Now have inundation maps for all high and significant hazard dams
- All high and significant hazard dams have updated emergency action plans
- Completed inspections on 2,000 dams across the state
- Utilize the CodeRed emergency notification system to send automatic voice call, text messages and emails to dam owners and operators



FY 20 19 Budget Request Overview

Total Recurring Funds Requested: \$3,979,354

1)	Reducing the spread of communicable diseases in SC	\$998,717
2)	Required SC emergency medical services (EMS) reporting	\$350,000
3)	Ensuring quality data for decision making	\$214,856
4)	Mitigating public health impacts from mosquito-borne diseases	\$489,166
5)	Increasing access to cancer screenings	\$1,000,000
6)	SC groundwater quantity permitting and planning	\$192,461
7)	Protecting public health by preventing petroleum contamination to SC drinking water supplies	\$250,000
8)	Office of Rural Water efforts to improve wastewater infrastructure	\$484,154



FY 20 19 Budget Request Overview

Total One-Time Funds Requested: \$591,556

1)	Reducing the spread of communicable diseases in SC	N/A
2)	Required SC emergency medical services (EMS) reporting	N/A
3)	Ensuring quality data for decision making	N/A
4)	Mitigating public health impacts from mosquito-borne diseases	N/A
5)	Increasing access to cancer screenings	N/A
6)	SC groundwater quantity permitting and planning	\$106,354
7)	Protecting public health by preventing petroleum contamination to SC drinking water supplies	\$291,000
8)	Office of Rural Water efforts to improve wastewater infrastructure	\$194,202



FY 20 19 Budget Requests

Reducing the Spread of Communicable Diseases: \$998,717

- **Need:** Rates for sexually transmitted infections (STIs) are rising in SC.
- **Solution:** Create a three-member team for each public health region to better target communicable disease prevention, including:
 - allowing a more seamless referral and follow-up relationship between field and clinical staff,
 - decreasing wait times for appointments,
 - increasing outreach efforts, and
 - providing more flexibility for education and specialty clinics.
- **Methodology:**
 - Personnel cost for 12 FTEs: **\$944,516**
(4 Registered Nurse II, 4 Human Services Coordinator I, 2 Medical Assistant Technician II, 2 Health Educator II)
 - Regional travel costs and routine training for 12 FTEs: **\$30,000**
 - General supplies, computers and operating costs for 12 FTEs: **\$24,201**

FY 20 19 Budget Requests

Required SC EMS Reporting: \$350,000

- **Need:** Funding for the SC Emergency Medical Services Performance Improvement Center system was lost due to a change in federal funding guidelines.
- **Solution:** Secure funding to support the EMS PIC system, which addresses our *statutory requirement* to collect and report patient and provider information for the EMS community, including training, certification, licensing, and inspection and regulation of ambulances. The system also will allow us to continue to track ambulances in an emergency situation, such as during hurricane response efforts.
- **Methodology:**
 - EMS PIC system current contract price: \$350,000

FY 20 19 Budget Requests

Ensuring Quality Data for Decision Making: \$214,856

- **Need:** DHEC does not currently have an Office of Quality Assurance to evaluate processes or Quality Assurance Project Plans (QAPPs), as required by federal grant commitments.
- **Solution:** Create two positions to satisfy Environmental Protection Agency (EPA) requirements on ensuring lab and data competency as addressed during recent EPA audits.
- **Methodology:**
 - Personnel cost for 2 FTEs: **\$192,291**
(1 *Environmental Health Manager II*, 1 *Environmental Health Manager III*)
 - Travel and training costs for 2 FTEs: **\$5,308**
 - General supplies, computers and operating costs for 2 FTEs: **\$7,257**
 - Automated data review software: **\$10,000**

FY 20 19 Budget Requests

Mitigating Public Health Impacts from Mosquito-Borne Diseases through Surveillance: \$489,166

- **Need:** Globalization and modern travel are making U.S. communities more vulnerable to mosquito-borne disease outbreaks.
- **Solution:** Enhance surveillance activities to allow the agency to increase preparedness for potential mosquito-borne disease outbreaks (*e.g.* West Nile, Zika) and better target mosquito populations during an outbreak.
- **Methodology:**
 - Personnel cost for 5 FTEs: **\$418,329**
(*1 Environmental Health Manager 1, 4 Environmental Health Manager III*)
 - Travel and training costs for 5 FTEs: **\$9,568**
 - General supplies, computers and operating costs for 5 FTEs: **\$10,649**
 - Lab equipment and supplies: **\$32,000**
 - Contractual costs for mosquito collection and diagnostic testing: **\$18,620**



FY 20 19 Budget Requests

Increasing Access to Breast, Cervical and Colorectal Cancer Screenings: \$1,000,000

- **Need:** In 2016, only 42% of uninsured women age 40 and older in SC had received a mammogram in the past two years, compared to 74% of insured women. Likewise, only 59% of uninsured women ages 21-65 had received a Pap test in the past three years, compared to 77% of insured women. On the colorectal cancer front, each year in SC, 2,200 new people will be diagnosed with the disease and more than 800 will die. The medically underserved population has a higher incidence of and lower survival rates from the disease.
- **Solution:** Screen an additional 2,500 women through DHEC's Best Chance network, which provides breast and cervical cancer screenings to low-income women. Also, provide screenings to 600-1,000 additional underserved men and women through USC's Colorectal Cancer Prevention Network.
- **Methodology:**
 - Average breast/cervical cancer screening cost for 2,500 women: \$500,000
 - Average colon cancer screening cost for 600-1,000 individuals: \$500,000

FY 20 19 Budget Requests

Groundwater Quantity Permitting and Planning: \$192,461

- **Need:** Currently, South Carolina has 339 permitted facilities, such as water suppliers, industry and agriculture, in four existing capacity use zones. Two capacity use permitting staff cover all of these permitted facilities and do not have adequate time to assist with increasingly complex water planning issues, data assessments, compliance audits, or in-depth stakeholder engagement efforts.
- **Solution:** Establish two additional capacity use permitting positions to enhance the agency's ability to properly monitor, plan and permit water quantity in the state.
- **Methodology:**
 - Personnel cost for 2 FTEs at band midpoint: **\$173,461**
(2 Geologist/Hydrologist II)
 - Travel and training costs for 2 FTEs: **\$1,000**
 - General supplies and operating costs for 2 FTEs: **\$3,000**
 - Supplies and contractual costs for sampling: **\$15,000**



FY 20 19 Budget Requests

Groundwater Quantity Permitting and Planning (*continued*):
\$106,354 (*one-time cost*)

- **Methodology for One-Time Costs:**
 - Office furniture, computers, field equipment and vehicle for 2 new FTEs: \$106,354

FY 20 19 Budget Requests

Protecting Public Health by Preventing Petroleum Contamination to Drinking Water Supplies: \$250,000

- **Need:** State Underground Petroleum Environmental Response Bank (SUPERB) funds cannot be directed toward the clean up of petroleum releases from unregulated sources, which are typically above ground tank or storage tank systems where the responsible party has defaulted or has a high likelihood of defaulting on their liability. Confirmed petroleum releases at 54 sites represent ongoing sources of contamination to the drinking water and soil resources of the state.
- **Solution:** Secure state funding to assess and remediate (*i.e.*, clean up) these contaminants over time.
- **Methodology:**
 - Contractual cost for cleanup of two sites annually, based on the average cleanup cost of \$119,524 per petroleum release: **\$250,000**



FY 20 19 Budget Requests

Protecting Public Health by Preventing Petroleum Contamination to Drinking Water Supplies (*continued*):

\$291,000 (*one-time cost*)

- **Methodology for One-Time Costs:**

- Estimated contractor costs to remove 27 orphaned underground storage tanks or fill with inert material and conduct limited assessments to determine if further cleanup work is required (SUPERB funds cannot be used to remove tanks).



FY 20 19 Budget Requests

Office of Rural Water Efforts to Improve Waste Water Infrastructure: \$484,154

- **Need:** Many of South Carolina's sewer systems are in poor condition due to improper operation and maintenance and infrastructure being used past life expectancy. Growing populations, inadequate capacity and groundwater inflow and infiltration all add further stress to these aging treatment and conveyance systems, often resulting in system upsets.
- **Solution:** Create six new positions within the Office of Rural Water that will work collaboratively with systems to identify problems and develop solutions.
- **Methodology:**
 - Personnel cost for 6 FTEs: **\$427,649**
(6 Environmental Health Manager I)
 - General supplies, computers, field equipment, travel and operating costs for 6 FTEs: **\$17,886**
 - Field vehicle and fuel: **\$38,619**



FY 20 19 Budget Requests

Office of Rural Water Efforts to Improve Waste Water Infrastructure *(continued)*: **\$194,202** *(one-time costs)*

- Methodology for One-Time Costs:
 - Furniture, computer and field equipment for 6 new FTEs: **\$40,152**
 - 5 field vehicles for new FTEs: **\$154,050**

Earned Authorization Increase Request

Ryan White ADAP Pharmaceutical Rebate: \$20,000,000

- **Overview:** HIV drugs purchased under the federal Ryan White AIDS Drug Assistance Program (ADAP) generate rebates which **must be spent on HIV-related efforts.**
- **Issue:** In 2015, federal funding was \$23M and annual level of rebates was \$18M. The agency has an additional **unspent rebate balance of \$19M** which must be spent by 2019 in order to continue receiving full federal funding.
- **Request for Authorization Increase:** Agency authorization levels for earmarked funds need to be increased to \$20M in order to accommodate this increased spending.

Proviso Amendment Request

34.42 Tuberculosis Outbreak (AMEND)

- DHEC recommends changing the wording to remove the requirement to only use the SC Health Alert Network (SC HAN) system to notify health care providers during a tuberculosis outbreak.
- Revised language would allow DHEC to use targeted, community-based approaches specific to each outbreak.
- The SC HAN system would continue to be used when appropriate.

Wrap-Up

Summary of FY 2019 Budget Requests:

- Recurring funds: **\$3,979,354**
- FTEs requested: **27**
- One-time funds: **\$591,556**
- Proviso changes: **1 amendment (TB Outbreak)**



Contact Us



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