


**FLORIDA DEPARTMENT OF HEALTH**



**Keeping with the Pace  
2022**

**Sexually Transmitted  
Diseases Section  
Update**

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**STD Section Update**

Craig Wilson  
Interim Chief of Communicable Diseases  
STD Section Administrator  
November 2022

Florida HEALTH

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**OVERVIEW**

- Morbidity
- STD Section Activities
- Challenges
- Questions and Discussion

Florida HEALTH

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## Slide 3

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**BRO** Many PPT style guides suggest that font should be no smaller than 28. The Department does not have a standard. Use your best judgement depending on how the slide show will be presented. I enlarged this font to 28t. You can change it back, if you so choose.

Bouplon, Robbie, 2022-10-11T18:43:46.908

# Florida STD Morbidity

Florida HEALTH 4

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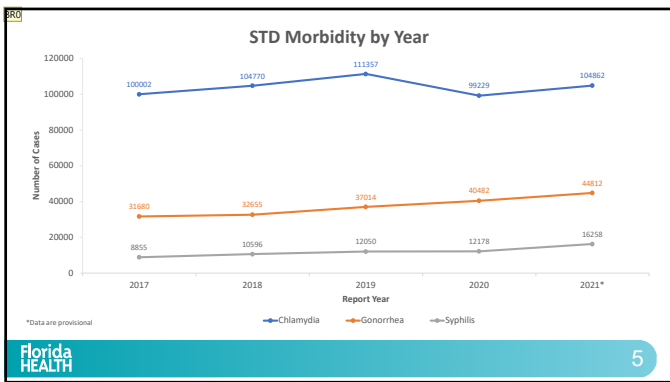
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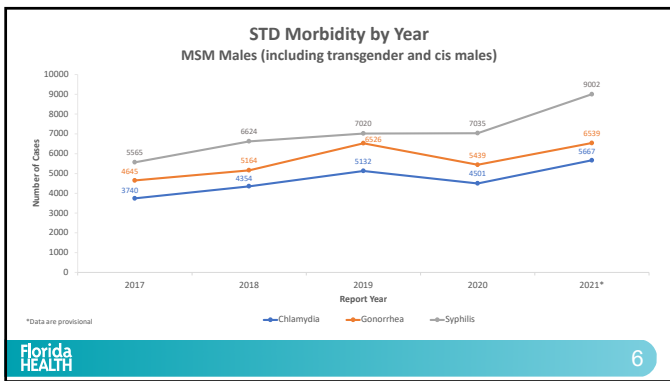
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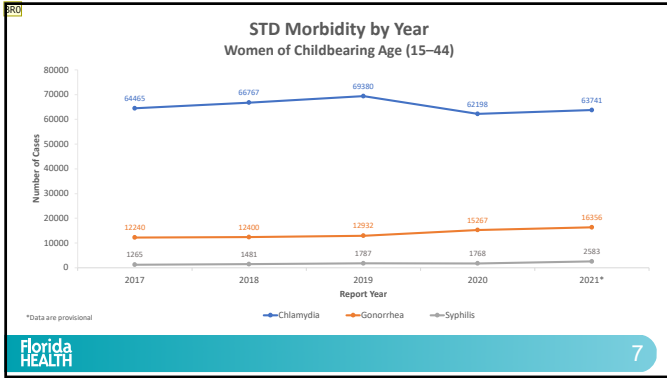
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## Slide 5

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**BRO** Per the Department's Standards: Arial and versions are preferred; font size depends the presenter's venue. Test your PPT presentation beforehand. Please review these slides for proper font and size.

Bouplon, Robbie, 2022-10-11T18:53:30.771



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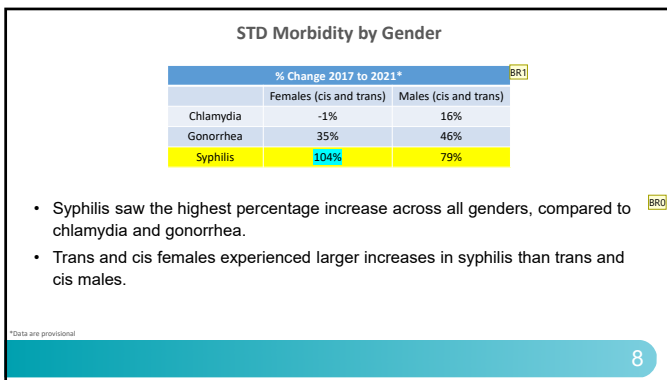
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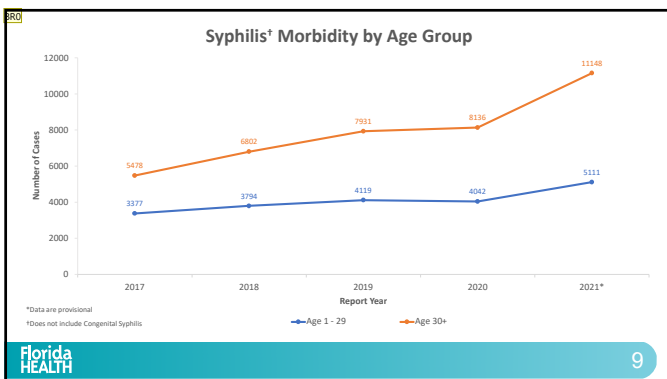
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## Slide 7

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**BR0** An en dash is used here. The en dash is a little longer than a hyphen and is used to connect continuing or inclusive numbers like dates, times, or reference numbers. To create, use ALT+150 on the keyboard, or insert from the Symbols menu.

Bouplon, Robbie, 2022-10-11T18:48:37.521

## Slide 8

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**BR0** I might use the word here since there is no number connected to it.

Bouplon, Robbie, 2022-10-11T18:54:54.931

**BR1** Need an en dash in the table title.

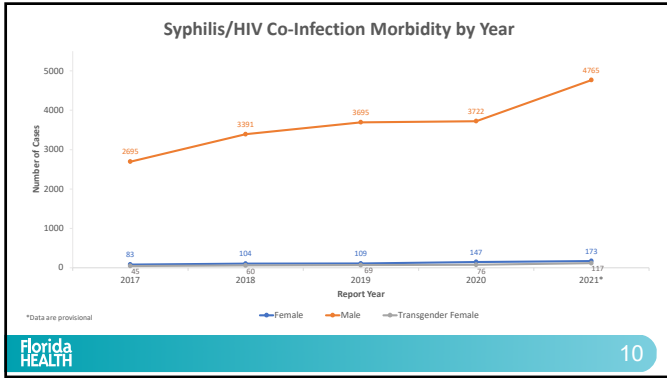
Bouplon, Robbie, 2022-10-11T18:55:28.606

## Slide 9

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**BR0** What is the asterisk at the bottom associated with? This question comes up on a few slides. Please check to ensure the asterisk is properly used or delete it.

Bouplon, Robbie, 2022-10-11T18:58:04.752



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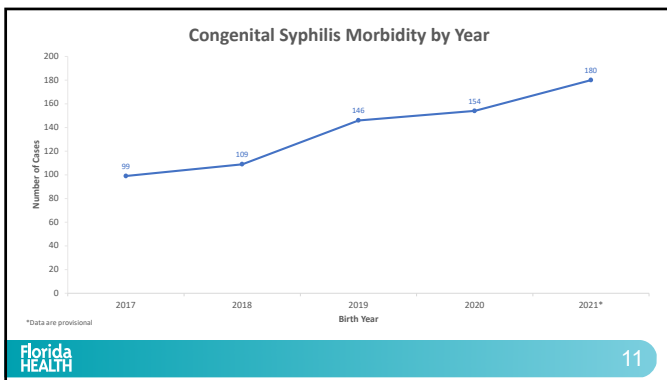
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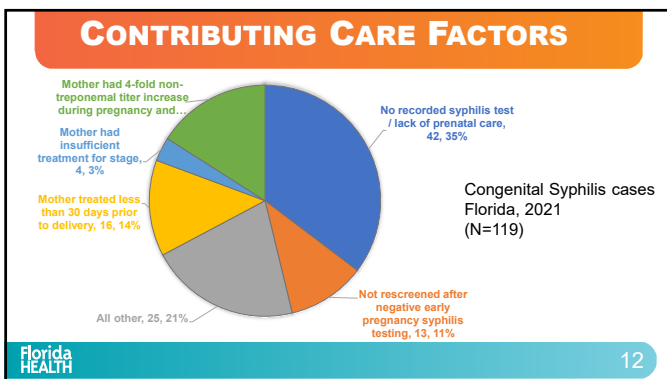
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**STD Section Activities**

Florida HEALTH 13

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**WORKFORCE SUPPLEMENTAL FUNDING**

- American Rescue Plan Act of 2021 provided nearly \$1 billion to address impact of the COVID-19 pandemic on the economy, public health, and state and local governments
- Florida will receive nearly \$75 million over 5 years to hire and support Disease Intervention Specialists (DIS) to strengthen the capacity of public health departments to respond to disease outbreaks

Florida HEALTH 14

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**WORKFORCE SUPPLEMENTAL FUNDING (CONTINUED)**

- Funds support:
  - Adding 90+ DIS positions, 6 nurses and area supervisors, and 8 other support staff to increase capacity to respond to outbreaks
  - A comprehensive statewide business process analysis for all program activities
  - Creation of DIS Training Academy (DISTA), a comprehensive STD DIS and Supervisor training program

Florida HEALTH 15

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## Slide 14

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**BRO** The rule is no more than three bullet points per slide. Divide into two or more slides.

If a topic spans multiple slides, add ", continued" by the title and on subsequent slides.

Bouplon, Robbie, 2022-10-11T19:05:51.807

**WORKFORCE IMPACT**

To date, 60+ positions have been hired, including DIS and support staff

- Temporary positions created due to the time-limited nature of the funding
- Existing and new DIS and support staff will receive additional training on topics including disease outbreak response, cultural humility, trauma informed care, and medical mistrust
- Increased staffing and funds have supported COVID-19, hepatitis A, meningococcal and monkeypox outbreak-related activities

Florida HEALTH 16

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**COMPREHENSIVE BUSINESS PROCESS ANALYSIS**

Early 2022 the department contracted with ISF, Inc. to conduct a comprehensive business process analysis to include:

- Identifying opportunities for improvement and enhancement of operational performance, increasing employee retention, and improving program capabilities
- Conducting research and application of best practices from other jurisdictions
- Identifying barriers and challenges to process improvement

Florida HEALTH 17

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**COMPREHENSIVE BUSINESS PROCESS ANALYSIS (CONTINUED)**

- Developing crosswalk of all funding sources and required reports
- DIS compensation analysis
- Developing implementation plan for making changes that will positively impact the STD Section's ability to achieve its mission

Florida HEALTH 18

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## Slide 16

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**BR0** There should never be a single bullet in a list. Try to merge it with line that precedes it or delete the bullet, as done here.

Bouplon, Robbie, 2022-10-11T19:09:02.638

## Slide 17

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**BR0** Put on 2 slides.

Bouplon, Robbie, 2022-10-11T19:10:23.329

**BR1** First line, who contracted with ISF?

Bouplon, Robbie, 2022-10-11T19:11:20.447

**COMPREHENSIVE BUSINESS PROCESS ANALYSIS, (CONTINUED)**

- Interviews conducted with HQ staff and in-person meetings have taken place across the state, capturing data from all 15 STD program areas
  - In-person meetings were scheduled for all program staff. Group meeting was conducted, then breakouts individual meetings were scheduled with those who wanted to speak one-on-one
  - Front line supervisors and area managers were interviewed separately via TEAMS
- Current state business process mapping has been completed; organizational analysis, systems analysis, and funding analysis are all in review

Florida HEALTH 17

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**DIS TRAINING ACADEMY (DISTA)**

- Contract pending with University of South Florida (USF) for creation of courses to provide initial and on-going training for STD DIS, program supervisors and managers, and other public health professionals to bolster the outbreak-response capacity of the public health system
- Participation will be required for STD field staff
- Includes required DIS certification
- Various modalities: instructor-led online, self-paced, on-campus in-person
- DOH staff will provide training in conjunction with DISTA on fieldwork and patient interviewing

Florida HEALTH 18

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**DISTA GOALS**

- Provide a consistent and uniform training experience for all STD field staff
- Basic, intermediate, and advanced courses will be used to support the creation of DIS career ladder
- Track for those interested in supervisory and management roles, with coursework in leadership, relationship building, research and evaluation, etc.

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## Slide 19

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**BR0** When using bulleted lists, punctuation should be consistent within the list. If you are using complete sentences, then periods should be used. If you are only listing items, phrases or incomplete sentences, do not use periods.

Bouplon, Robbie, 2022-10-11T19:18:42.936

**BR1** Bottom bullet: Do all these terms need to be capitalized?

Bouplon, Robbie, 2022-10-11T19:21:28.379

### DISTA GOALS (CONTINUED)

BRG

- Increase outbreak-response capacity by cross-training in epidemiology, enteric and respiratory diseases, and cultural competence/humility
- Will be available to all public health workers, laboratorians, and partner organizations (fees may apply)
- Analyze attendees' career paths

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### SURVEILLANCE TOOLS AND REPORTING SYSTEM (STARS)

- System upgrade: STARS 2.0
- Chlamydia/Gonorrhea (CT/GC) lab processing algorithm
- Syphilis lab algorithm
- Additional and required data fields

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### UPGRADE TO STARS 2.0

BRG

- Improved user experience based on user roles and privileges
- New database structure for scalability and ease of development
- Encrypted communication
- Will be accessible via cell phone and other devices
- Cross-browser compatible
- Seamless integration with other data systems, improved data exchange capabilities

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## Slide 22

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**BRO** Two slides.

Bouplon, Robbie, 2022-10-11T19:23:32.270

## Slide 24

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**BRO** You don't need the "continued" here since you include a subheading that differentiates it from the previous slide.

Bouplon, Robbie, 2022-10-11T19:27:14.008

**CT/GC ALGORITHM**

- 99,236 chlamydia cases reported in 2020, 33% increase since 2010
- 40,487 gonorrhea cases reported in 2020, 101% increase since 2010
- ~140,000 chlamydia & gonorrhea cases (positive unduplicated tests) per year
- Does not include duplicate labs, tests-of-cure, and negative labs

Florida HEALTH 23

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**STARS CT/GC ALGORITHM (CONT'D)**

- Identify Efficiencies
  - Automate laboratory and profile matching
  - Streamline case completion and reporting (particularly among non-investigated cases)
- Improve Data Quality
  - Standardized laboratory and profile matching
  - Consistency in case definition application

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**STARS CT/GC ALGORITHM, CONT'D)**

- Prioritize Workflow
  - Maintain persons at-risk for investigation and HIV field record creation
  - De-prioritize much of the case reports from persons available for auto-closure

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## Slide 25

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**BR0** No single bullets.

Bouplon, Robbie, 2022-10-11T19:28:08.203

## Slide 26

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**BR0** 2 slides.

Bouplon, Robbie, 2022-10-11T19:31:50.160

### TIME SAVINGS CONVERSION

- January 1, 2019–December 31, 2021, 575,952 CT and GC labs received via ELR
- Estimated 33,121 hours saved from start to finish of automation
  - 11,040 hours saved per year
  - Estimated 5.3 full-time employees (FTE) per year
  - FTE time savings transposed into cost savings results in estimated \$265,395 saved annually (at \$50,000 per FTE)

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### SYPHILIS ALGORITHM MAIN GOALS

- Identify Efficiencies
  - Automate laboratory and profile matching
  - Use computer logic to support case identification
- Improve Data Quality
  - Standardized laboratory and profile matching
  - Align with case definition

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### SYPHILIS ALGORITHM MAIN GOALS (CONTINUED)

- Prioritize Workflow
  - Reduce investigation efforts on non-cases
  - Assign results more likely to be a case

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## Slide 29

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**BR0** When using sub-bullets, they should be different from the bullet that precedes it. It's best to alternate between solid and open bullets.

Bouplon, Robbie, 2022-10-11T19:33:42.148

**BR1** Per DOH standards guide, "use" is to employ objects for the purposes for which they were designed. "Utilize" is to employ objects for unintended purposes.

Bouplon, Robbie, 2022-10-11T19:34:57.790

**SYPHILIS ALGORITHM TIME SAVINGS**

- The model would remove ~25,000 laboratory results to be processed per year (more if duplicate non-treponemal and associate treponemal tests are considered)
- A conservative effort of 5 minutes to process and close a laboratory result and corresponding field record would lead to an annual 2,017 hours saved (not including profile matching)

Florida HEALTH 26

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**CONGENITAL SYPHILIS CAMPAIGN**

- Newly designed, dedicated website StopSyphilisFL.com
- Provider detailing materials
- Radio public services announcements (PSAs)
- Posters, palm cards, note pads
- Materials available through Dan.George@flhealth.gov

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**STD GRANTS**

- STD Surveillance Network (SSuN): enhanced gonorrhea interviews and STD clinic data
- Epidemiology and Laboratory Capacity (ELC): screening women of childbearing age at Jackson Memorial Hospital and Infectious Disease Elimination Act (IDEA) Syringe Services Program
- National Association of County and City Health Officials (NACCHO)
  - Telehealth Project: DOH in Duval and Miami-Dade
  - Jail Screening Project: DOH and jails in Leon and Miami-Dade

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## Slide 31

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**BR0** If numerals 10 and above are being used in the same sentence, numbers 0–9 should also be written in numerals for ease of reading.

Bouplon, Robbie, 2022-10-11T19:38:28.814

## Slide 33

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**BR0** Sub bullets.

Bouplon, Robbie, 2022-10-11T19:39:40.124

**BR1** Childbearing, One word, no hyphen.2 slides.

Bouplon, Robbie, 2022-10-11T19:42:00.768

**STD Section Challenges**

Florida HEALTH 29

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**STD SECTION CHALLENGES**

- Persistent DIS turnover/recruiting difficulties
  - 40% annual turnover
  - Reduced training capacity
  - Non-competitive salaries

Florida HEALTH 30

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**STD SECTION CHALLENGES, CONT'D**

- Decreased partner services effectiveness
  - Use of mobile dating applications (apps)
  - Modern communication methods
  - Potential negative impact on treatment or pre-exposure prophylaxis (PrEP) initiation

Florida HEALTH 30

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## Slide 35

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**BRO** 2 slides; sub bullets.

Bouplon, Robbie, 2022-10-11T19:42:32.266

### STD SECTION CHALLENGES (CONT'D)

- Multiple outbreak responses
  - COVID-19, hepatitis A, meningitis, monkey pox virus
- Data system (STARS) inefficiencies
  - Aging legacy system
  - Not aligned with DIS workflow
  - Outdated reports

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### STD SECTION CHALLENGES (CONT'D)

- Stigma around sexual health
  - Provider and support staff training needed
  - Sexual health histories vital to enumerating risk

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### THANK YOU!

**Craig Wilson**  
 Email: [craig.wilson@flhealth.gov](mailto:craig.wilson@flhealth.gov)



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