



# Targeted Evaluation of Gonorrhea Treatment in Maryland Counties

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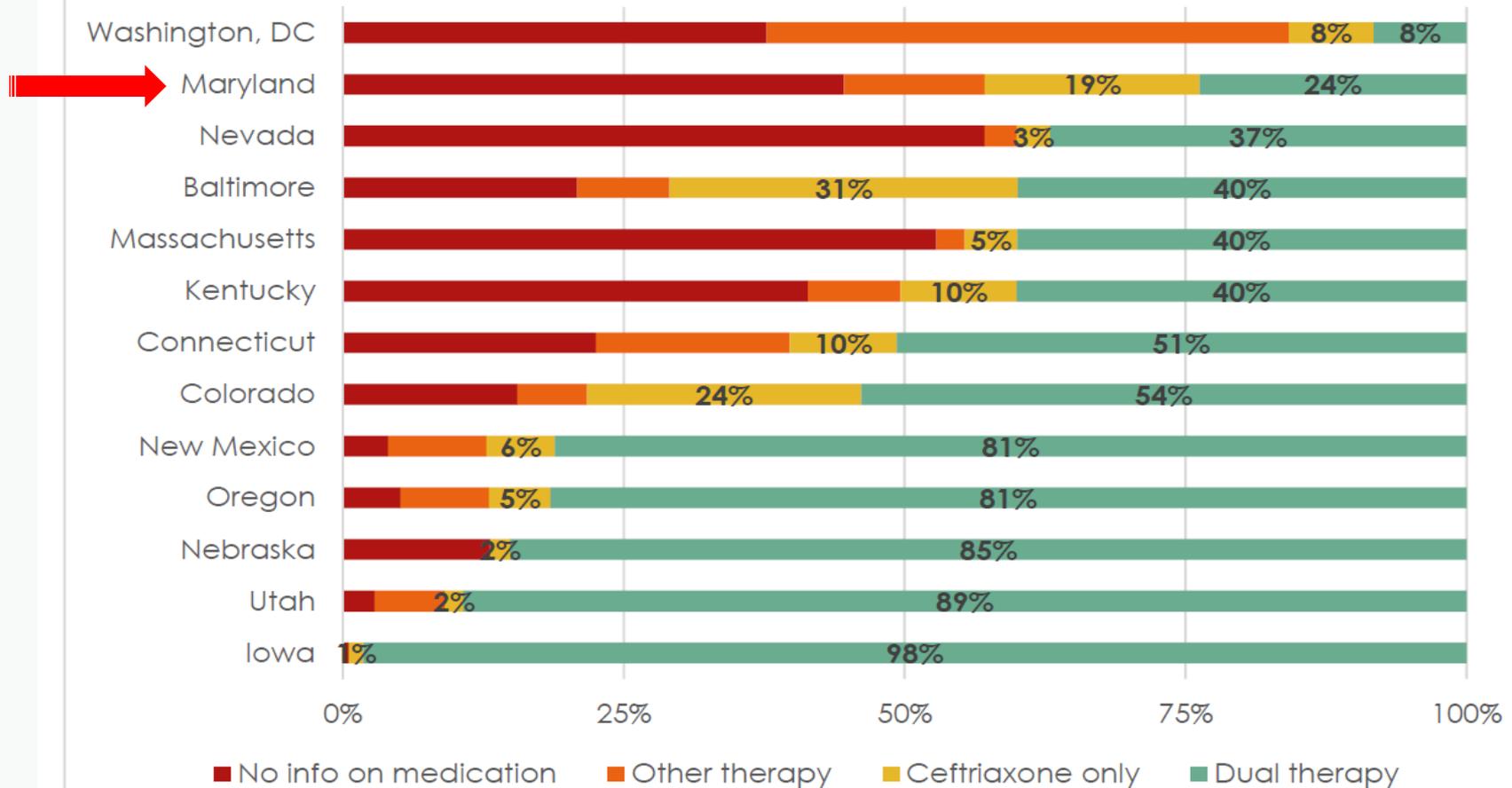
# Rationale of Project

- 2014 CDC Performance Outcome Measures for Gonorrhea (GC):
  - 51%\* of GC cases in MD Counties had no documented treatment information (01/01/2014-12/31/2014)

\*Data excludes Baltimore City

# Comparative look at Maryland

**Group 2: Treatment status of reported GC cases, Jan-June 2015**



# Aim of Project

- Implemented new feedback strategy to local health departments (LHDs) to increase the reporting of GC treatment which will improve CSTIP's ability to assess and assure that GC cases are adequately treated according to CDC STD Treatment Guidelines
- Short term goal- Increase GC treatment reporting and to ensure patients are treated effectively following the recommended CDC STD Treatment Guidelines
- Long term goal-
  - Combat GC antibiotic resistance since GC has progressively developed resistance to the antibiotic drugs prescribed to treat it
  - Reduce GC morbidity in Maryland



# Evaluation Plan

Targeted approach focused on 3 areas:

1. Increasing reporting of treatment for GC cases identified in LHD STI and Family Planning (FP) clinics
2. Reviewing GC cases with only mono-therapy reported
3. Increasing reporting of treatment from private providers in high morbidity areas that identify GC cases in high volume.

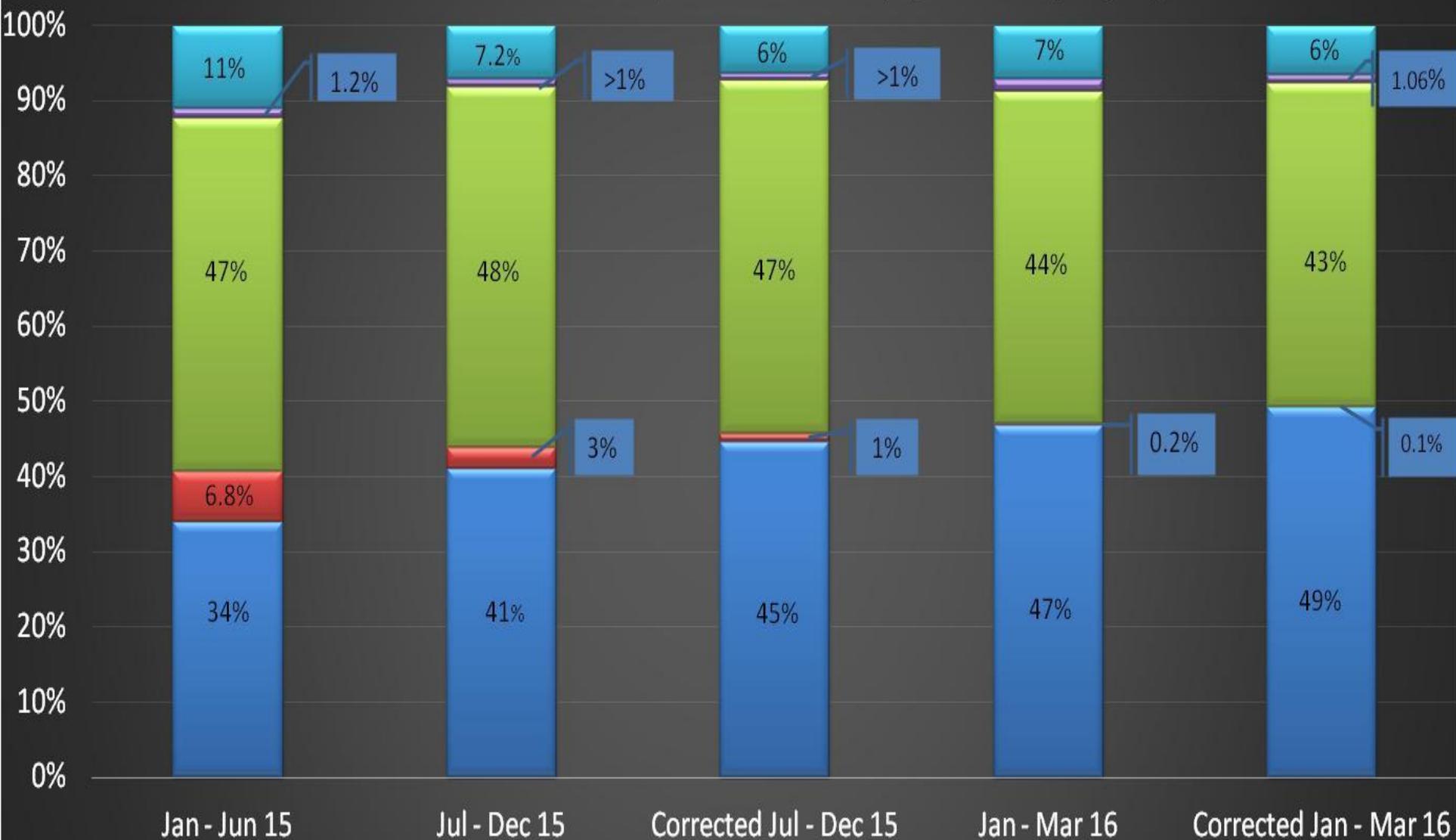


# Data Analysis

503 GC cases reported from July 2015 - March 2016 were reviewed and reopened based on 2 criteria:

- Field Records from STI/FP clinics with missing treatment information
- Field Records with mono-therapy
  - Field Records treated w/ Ceftriaxone only
  - Field Records w/ Azithromycin entered on different field records

# Treatment for GC - Maryland Counties 1/1/15 through 3/31/2016



Correctly Treated

Missing Rx - Other Providers

Monotherapy

Correctly Treated - Entered Rx Separately

Missing Rx - Reopen - STD/FP - Dispo DM

# Next Steps

- Work with high volume, high reporting providers in high morbidity counties
  - Goal: Increase private provider reporting of Rx
- Outdated and Incorrect Treatment
  - Dear Provider letter
    - The most common **Outdated Treatment** was "Ceftriaxone 250 mg IM + Doxycycline 100 mg Orally for 7 days"
    - The most common **Incorrect Treatments** were "NS Doxycycline 100 mg Orally 2x/day for 7 days", "Cefotaxime 500 mg IM", "Ceftizoxime 500 mg IM" and "Ceftriaxone 1 gm IM" only.



# Thank You!

- Our LHD STI/FP clinic staff
- DHMH CSTIP

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