

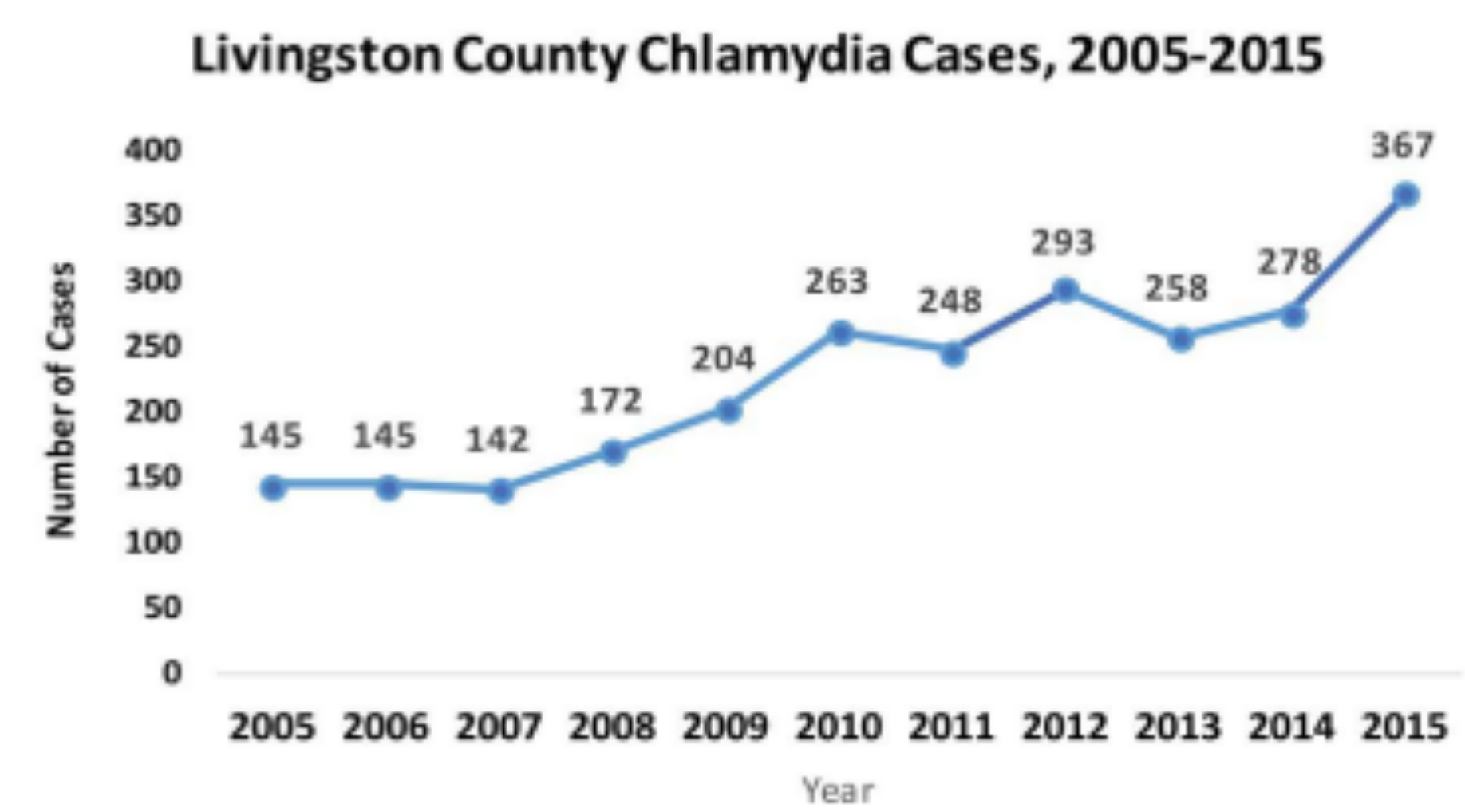
Improving Chlamydia Screening Rates in Ob/Gyn Clinics

Brighton Health Center

Executive Summary: We worked to improve chlamydia screening rates at Brighton Health Center Ob/Gyn clinic through patient education, and physician alerts. We improved rates, but have yet to meet goal set by UMHS.

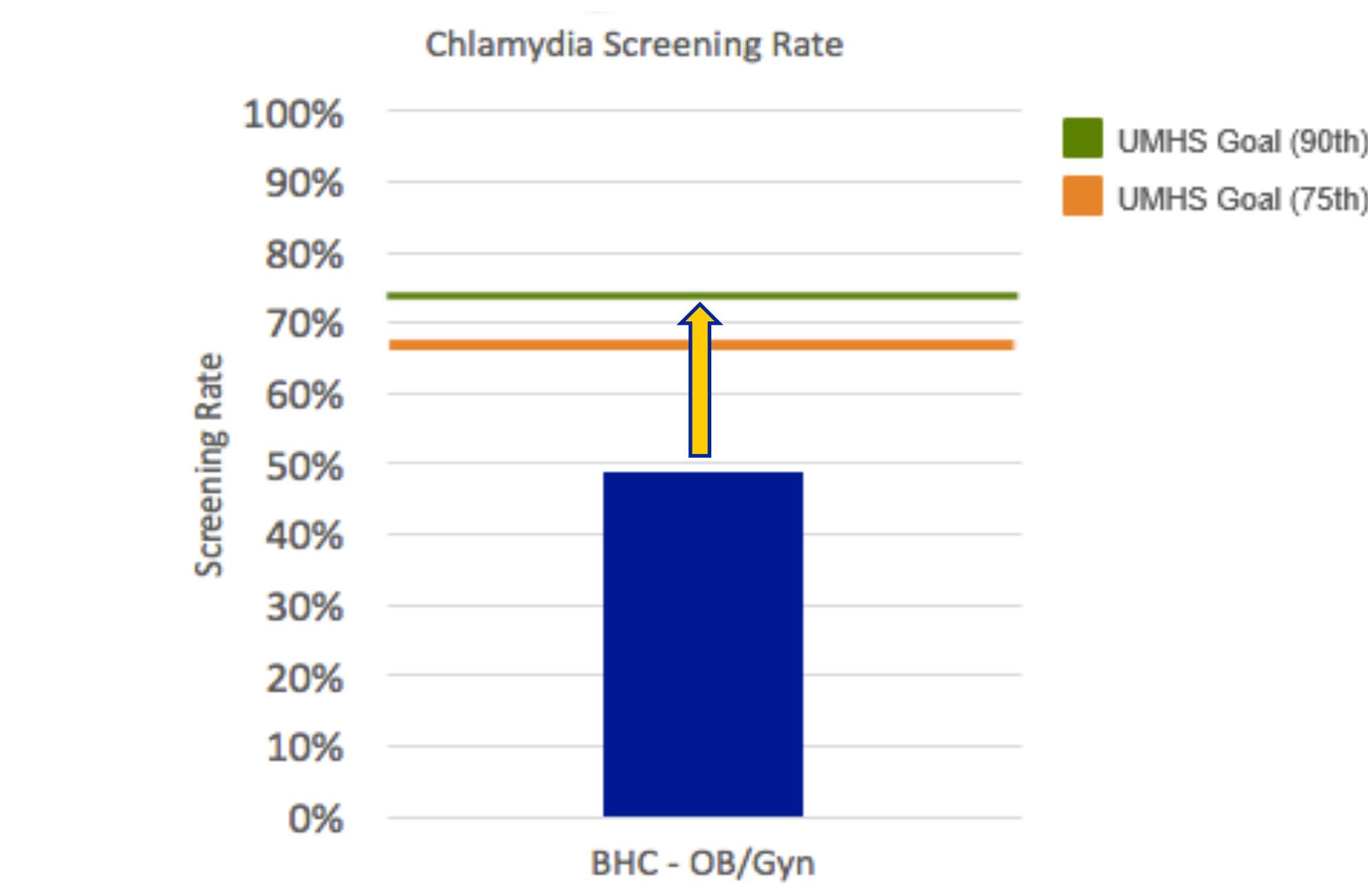
Define the Problem

- Why is it important to screen for Chlamydia?
- Chlamydia is a common bacterial STI in the US that most often occurs in young people¹ and is easily treatable.
 - It is asymptomatic in many patients and can lead to PID, infertility, and ectopic pregnancy.
 - It is estimated that 1 in 20 sexually active women ages 14-24 has chlamydia.²
 - Currently recommended by the CDC and USPSTF for annual screening of sexually active women <25 years of age.
 - Annual screening of all women aged 15-29 is cost-effective.⁴
 - Chlamydia infection rates increasing in Livingston County⁵ (location of clinic in question).



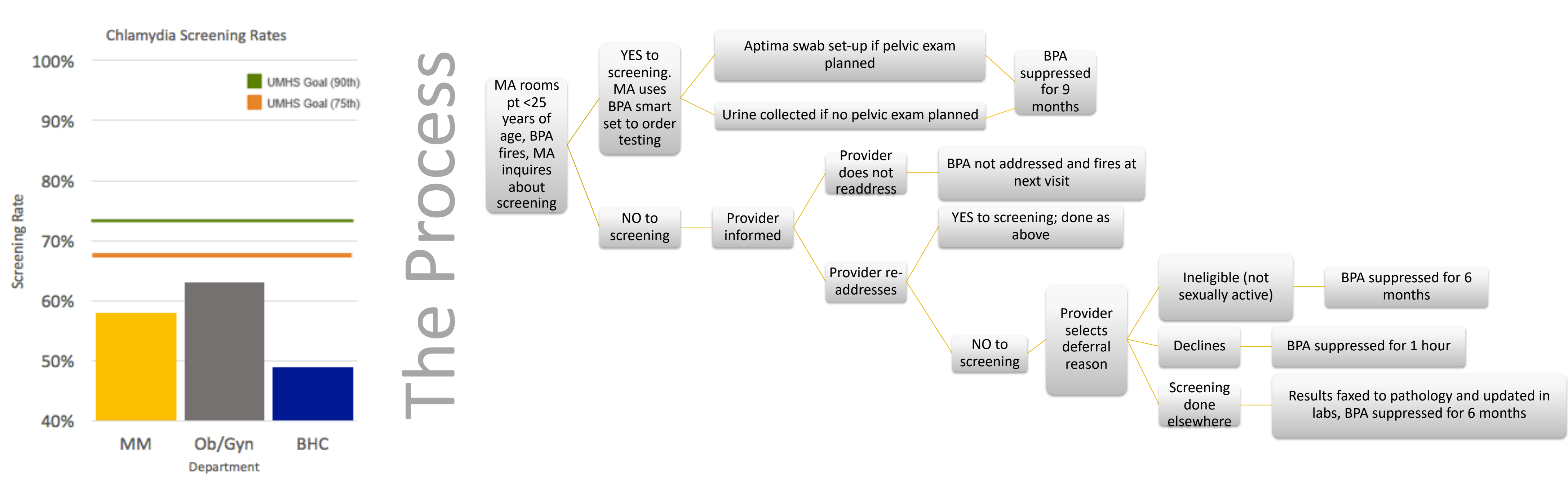
- Chlamydia screening at Michigan Medicine
- Set as a quality improvement goal and a pay-for performance (P4P) measure for pediatrics and adults in March 2015.
 - Brighton Health Center (BHC) given support with panel managers and formal interventions started in May 2017.
 - Problem Statement: Chlamydia screening rates at BHC are below identified targets set by the institution.

What We Measured

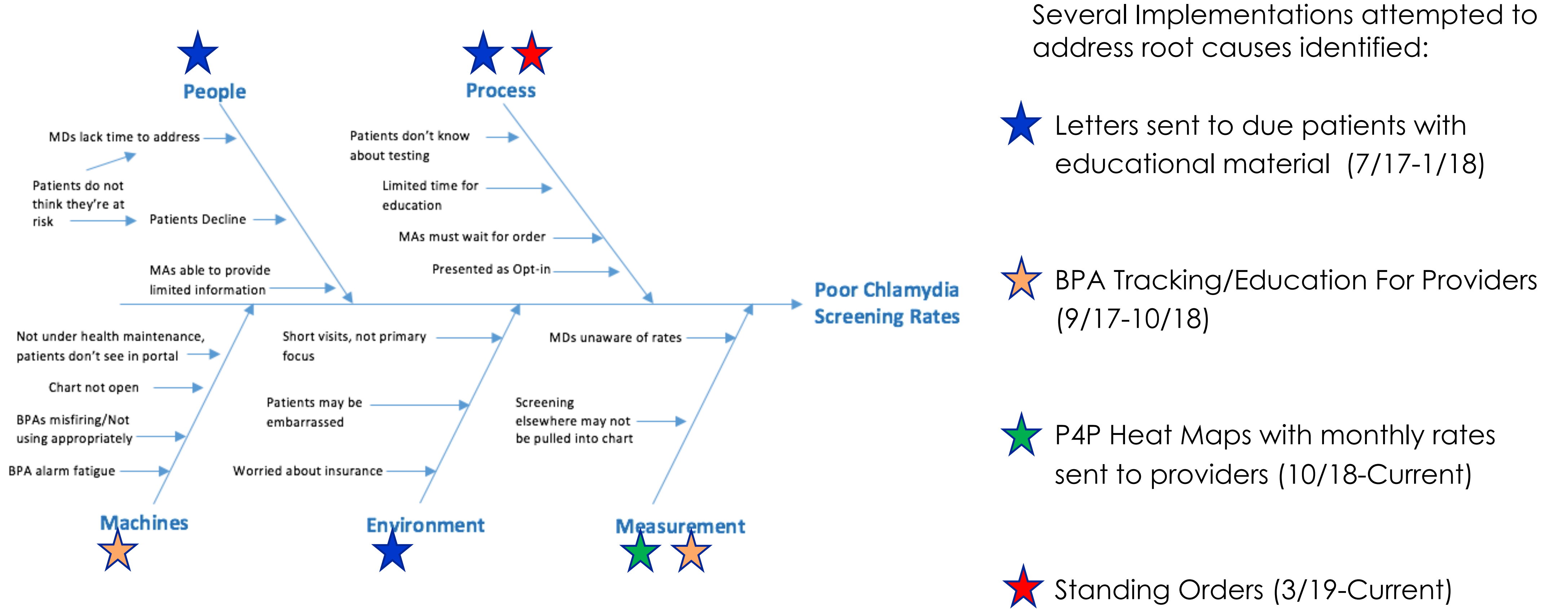


Starting rate of 49% in May 2017.
Goal to meet or exceed 90th percentile, 73%, a gap of 24%.

Understanding the Current State

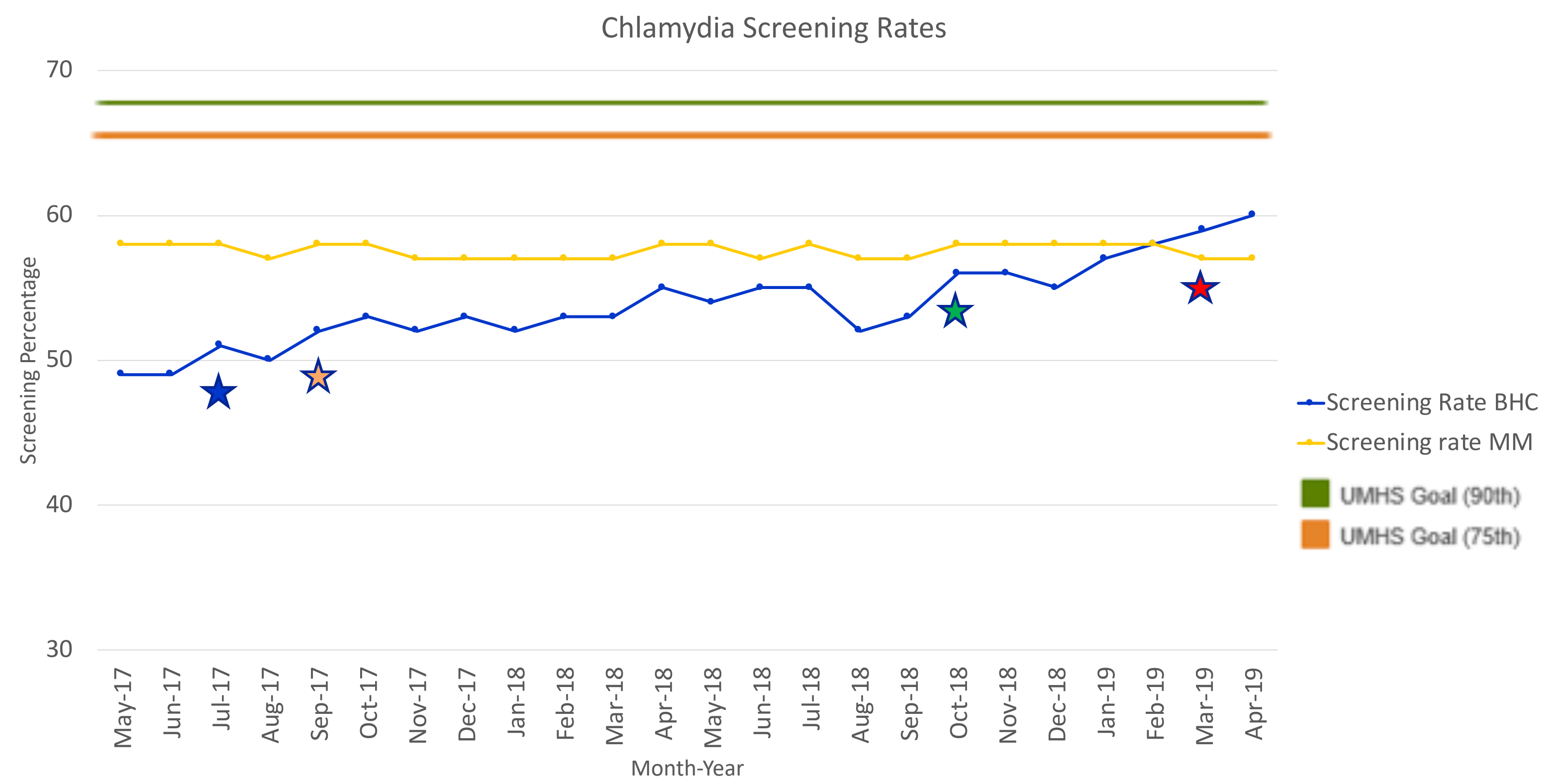


Analysis & Interventions to Improve



Results & Outcomes Achieved

- Improvement seen from May 2017 to April 2019 from 49% to 60% of patients within the designated age range, 18-24.
- Due to the overlap of different measures, it is hard to determine which made the most impact.
- Alerting physicians of their rates through heat maps and putting in place standing orders has made some impact, but there is still room to improve to meet UMHS goals (updated from 2017).



Sustain & Spread

- At BHC it will be important to continue evaluating contributing factors and talking with those individuals who are currently meeting goal to continue improving overall clinic rate.
- Michigan Medicine Ob/Gyn department will continue efforts to improve chlamydia screening rates in all clinics. Due to the difference in demographics throughout the clinics and the different work flows, it will be important to do the following moving forward:
- Collaborate with clinics who are currently meeting goal to understand their current process
 - Work through RCA for clinics still under goal
- Keys to Success**
- Communication and Collaboration!
- Support from panel managers
 - Regular pod meetings to reiterate plans
 - Regular assessment of outcomes to implement new interventions
 - Buy-in from all levels of providers: MAs, NPs, Midwives, MDs
- Team Members and Contacts**
- Rosalyn Maben-Feaster, MD, MPH
Alice Chi, MD
Christine Kantola, Panel manager
Stephanie Weaver, Panel Manager
Christine Franco, Medical Student