

Problem Statement and Underlying Causes

Active tuberculosis (TB) remains a significant problem in the developing world and in certain areas of the United States. Areas with a high proportion of foreign-born immigrants, such as the San Francisco Bay Area, has a case rate of over forty times the US national average. This project aims to reduce the number of active TB cases in the San Francisco area by increasing treatment rates of patients with latent TB, consequently reducing the percentage of reactivations to active TB, especially in patients with increased risk factors for reactivation.

Project Description

This project focuses on improving workflows and educating providers and staff about latent tuberculosis infection (LTBI). The aim is to increase identification and treatment of patients with LTBI, especially those with comorbid conditions that put them at higher risk for progression to active tuberculosis.

Goal and Objectives

Goal: To reduce case rates of active TB in San Francisco.

Outcome-Oriented Objective: Increase

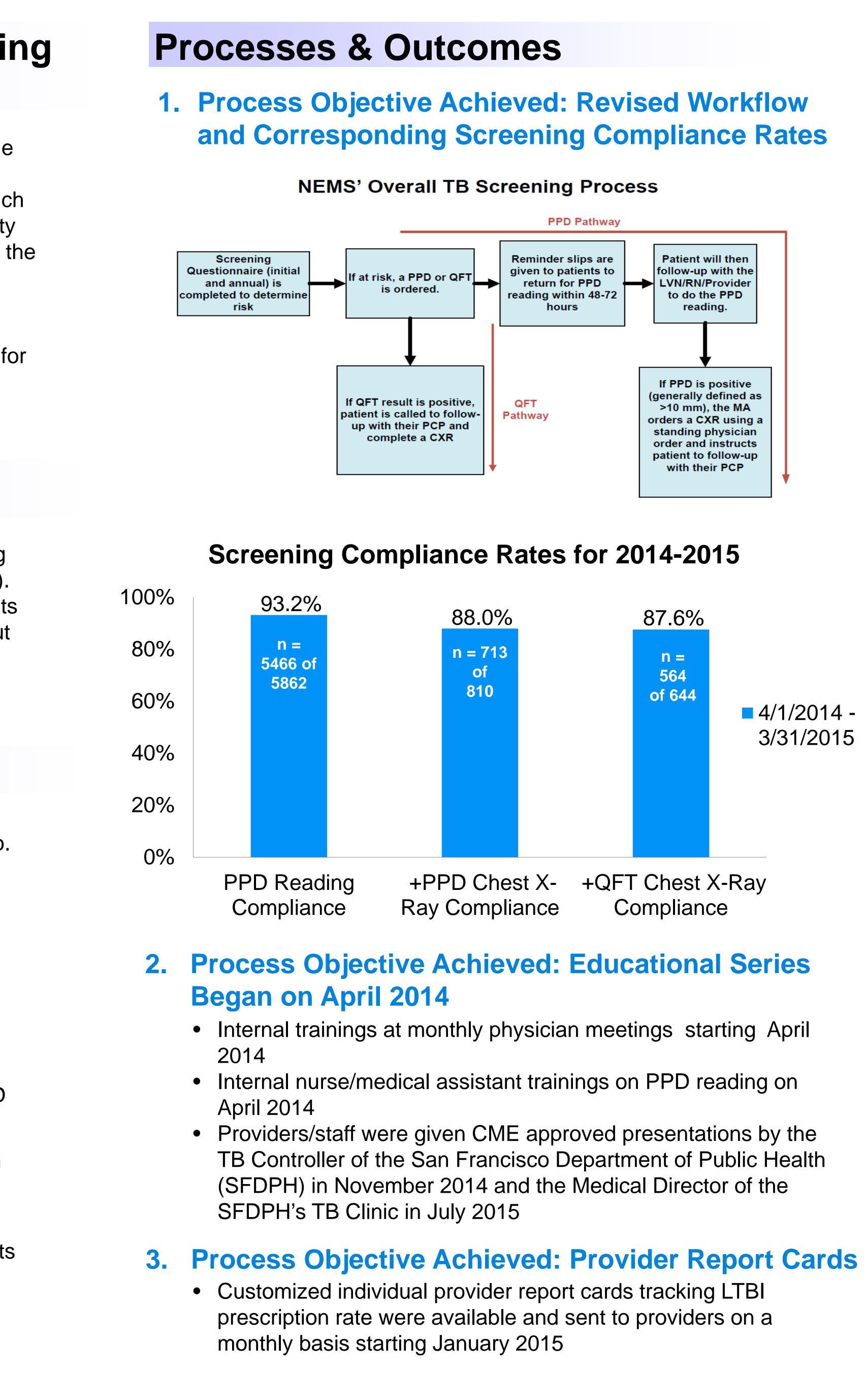
medication prescription rates in patients with LTBI by improvement over baseline of 50% by April 2015

Process-Oriented Objective:

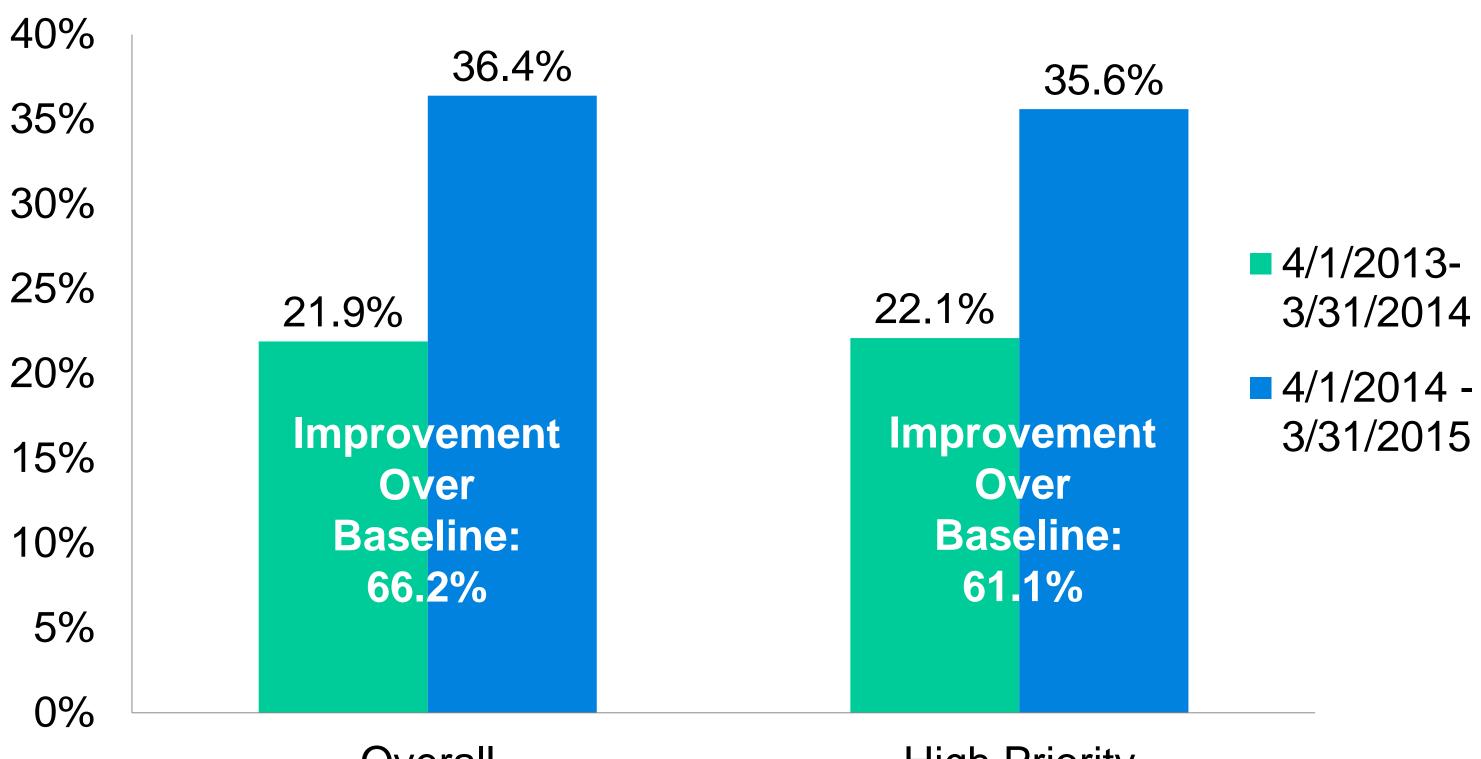
- Implement revised screening protocols by May 2014 that outlines steps to follow for positive QFT/PPD results. Reminders are also given to patients for follow-up of PPD (skin test) readings and chest x-rays.
- Increase ongoing provider/staff education and training on LTBI starting April 2014.
- Establish individual provider report cards to track LTBI medication prescription rates with a detailed list of patients that had medications prescribed starting January 2015

California Health Improvement Project (CHIP) Improving Latent TB Treatment Rate

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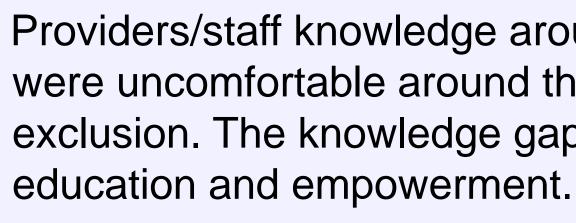






Overall

Lessons Learned





Improved screening and follow-up policies were needed to improve the already busy clinical workflows.

The importance of risk stratification as a method to focus providers on the high priority population.

About My Organization

North East Medical Services (NEMS) is one of the largest community health centers in the United States targeting the medically underserved Asian population. Based in San Francisco, the non-profit community health center offers comprehensive health care services to a variety of patients, a majority of whom are uninsured or low-income. NEMS offers linguistically-competent and culturally-sensitive health care services.

Contact Me

For more information, contact me: Jerry.Jew@nems.org

Outcomes Achieved: Prescription Rates

Medication Prescription Rates for 2013-2014 and 2014-2015

High Priority

Providers/staff knowledge around LTBI varies greatly. Overall, many were uncomfortable around the vagueness surrounding diagnosis and exclusion. The knowledge gap was bridged through early engagement,



CHCF HEALTH CARE LEADERSHIP PROGRAM

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