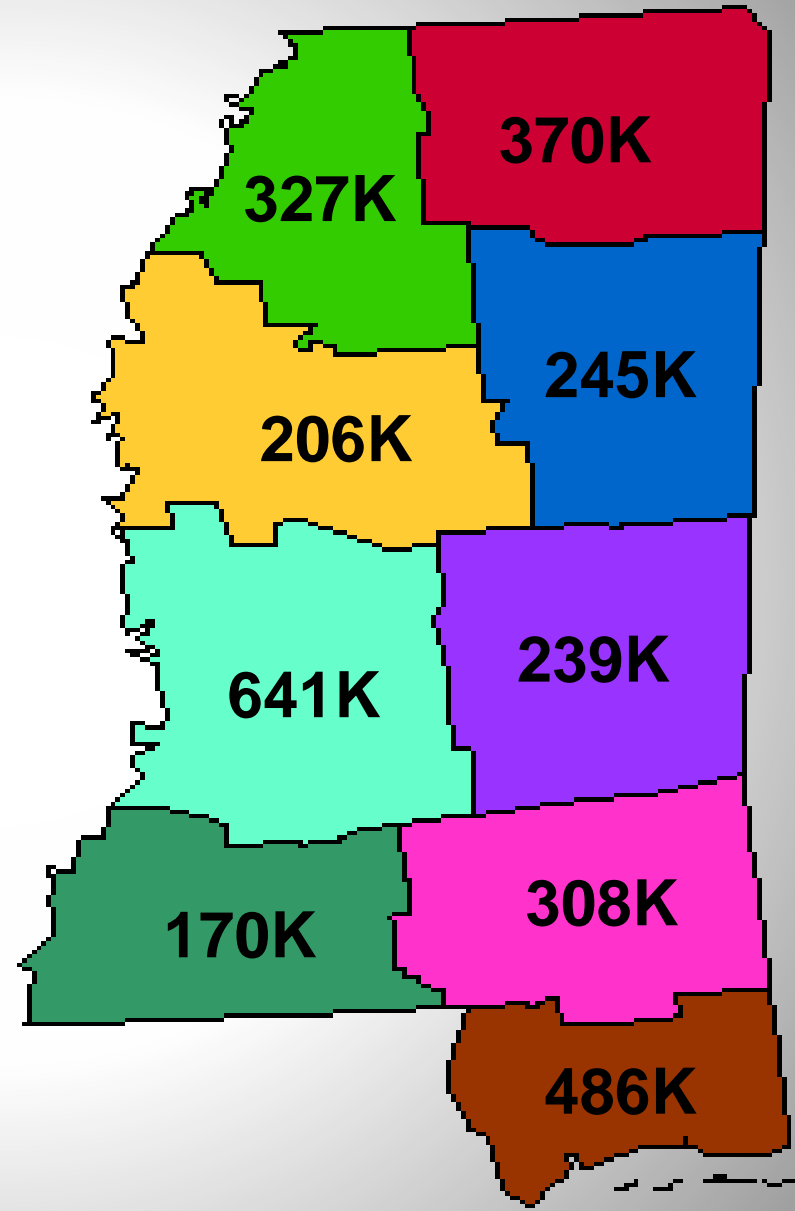


Mississippi State Department of Health
Office of Tuberculosis and Refugee Health



Mississippi 2017 Population by Health District

State = 2,984,100

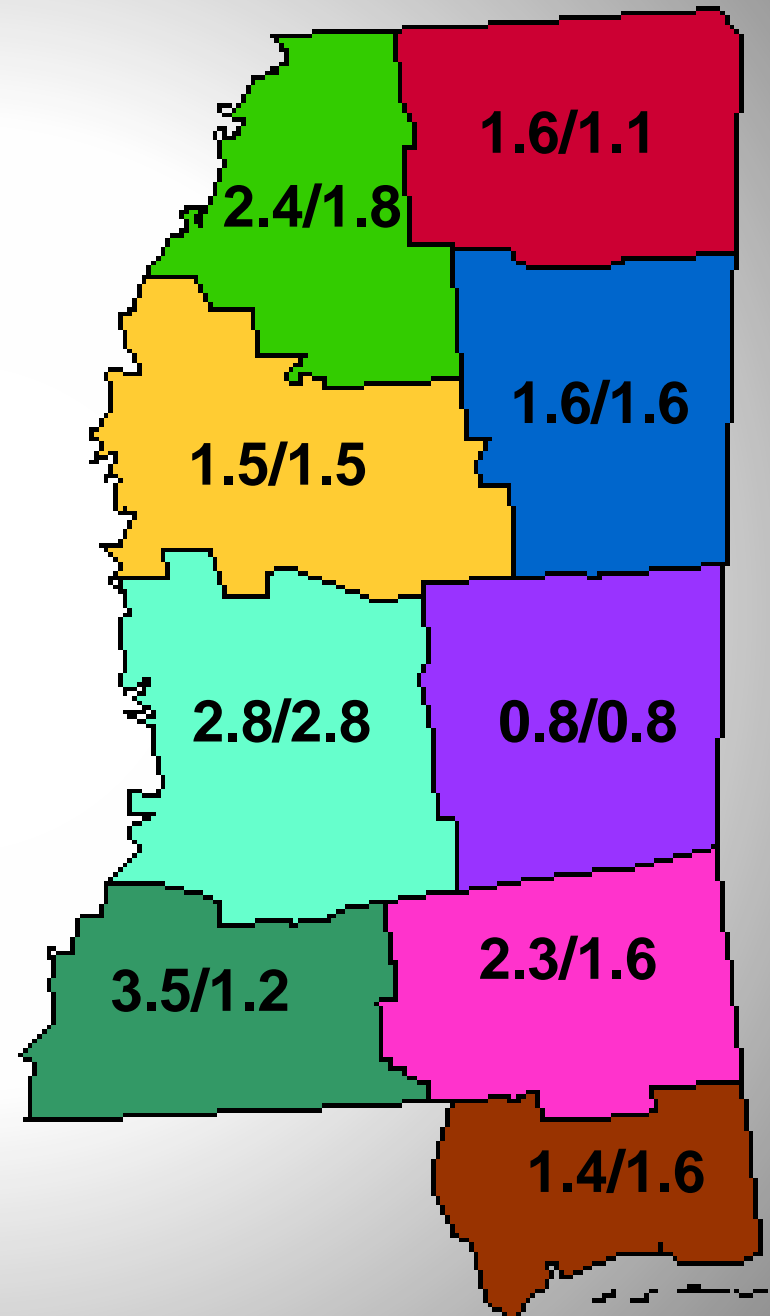


Mississippi 2016/2017 TB Case Rates by District

STATE RATE

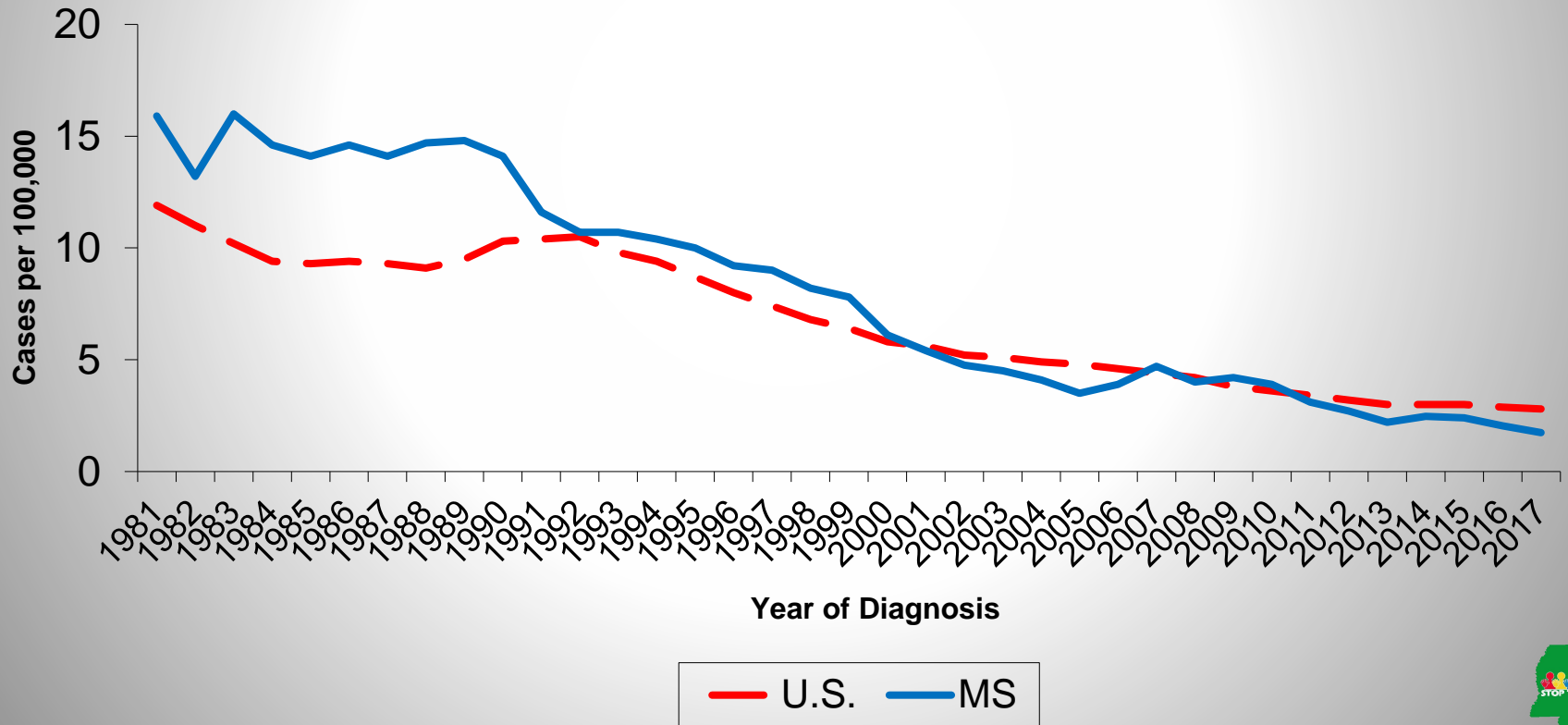
2016 – 2.04

2017 – 1.74



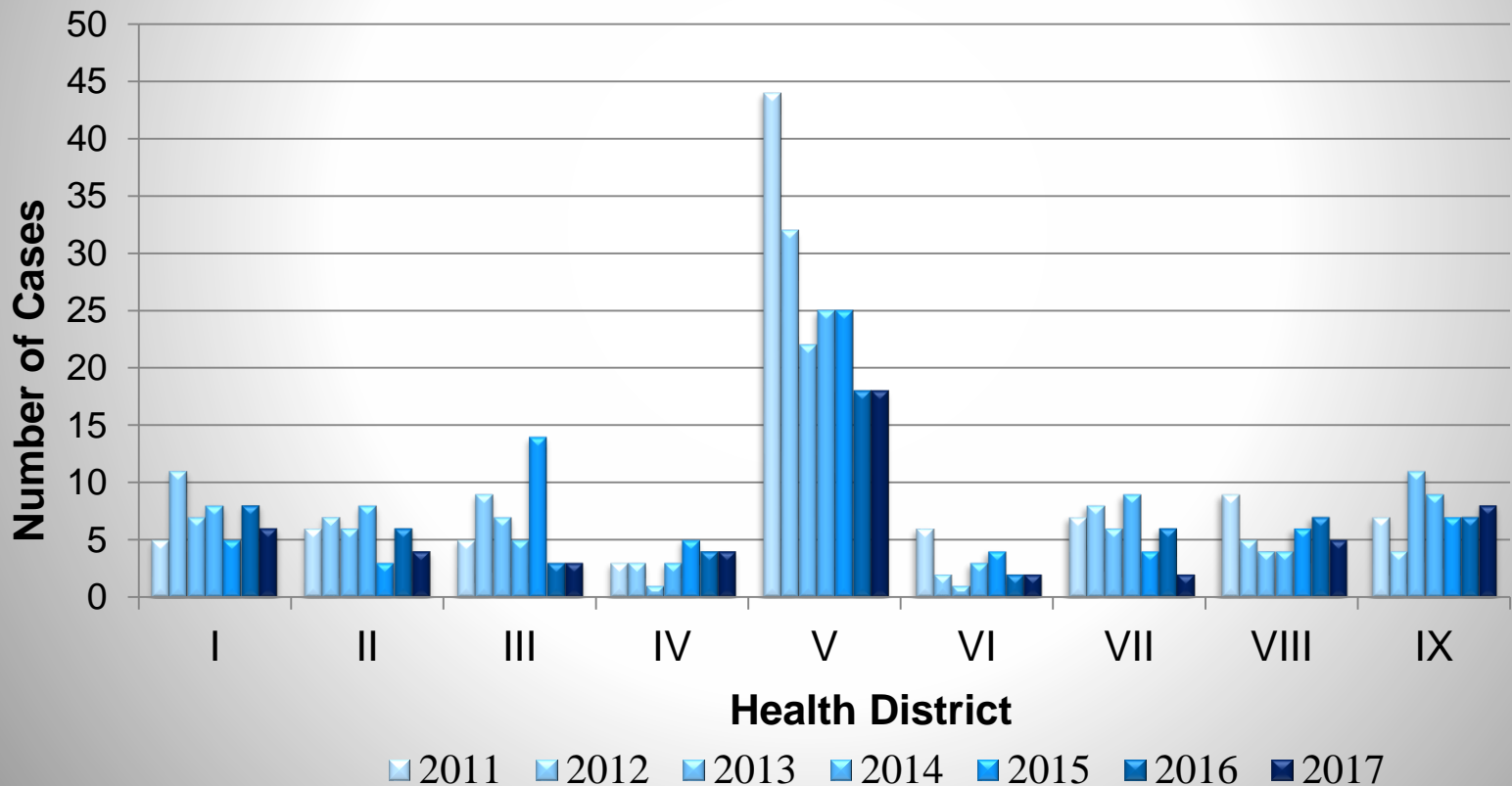
Mississippi & U.S TB Case Rates, 1981-2017

	2016	2017
U.S. =	2.87	2.79
MS =	2.04	1.74

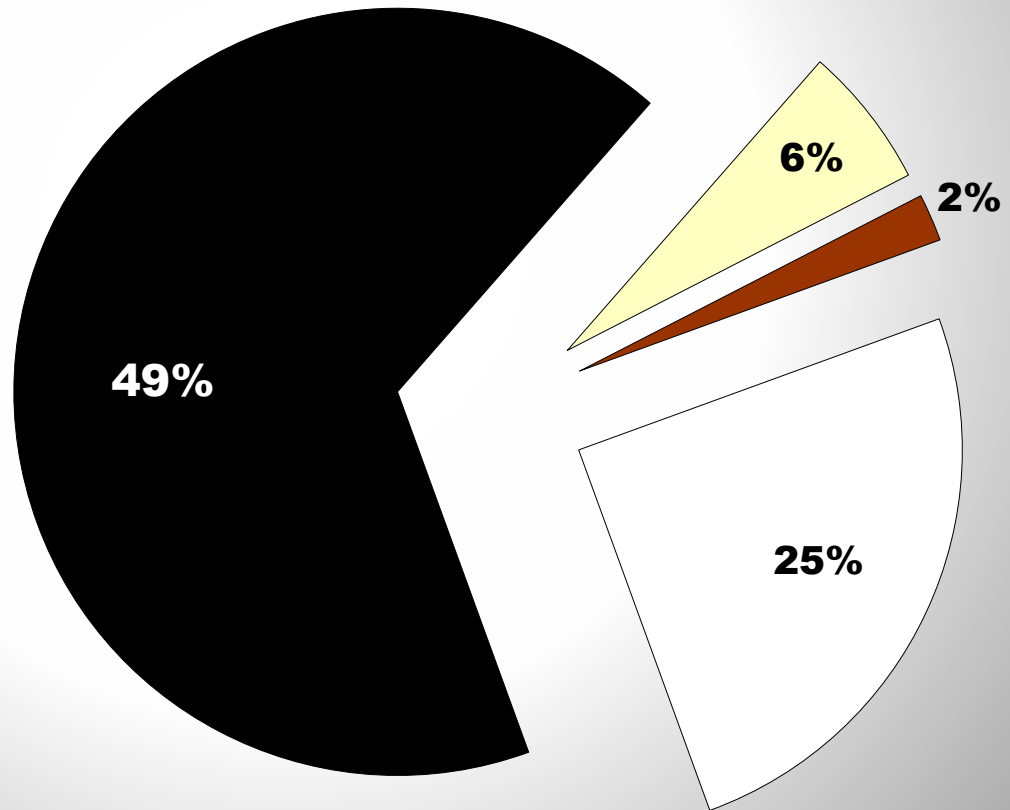


Mississippi

Verified TB Disease by Health District



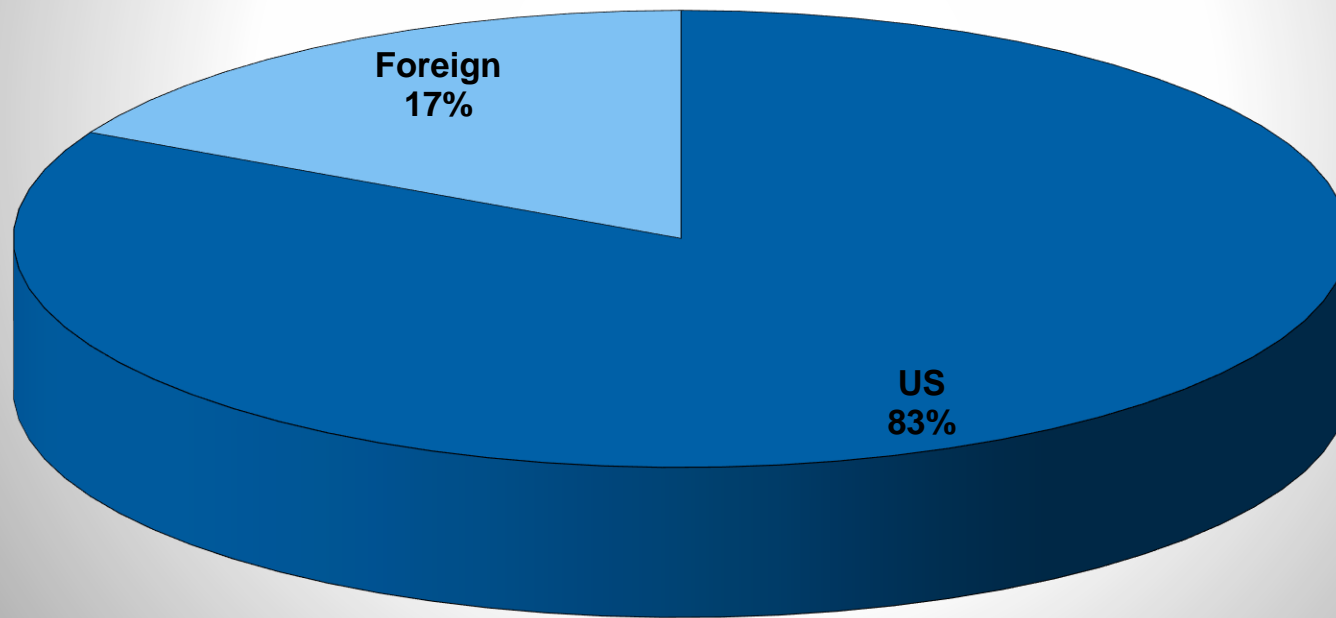
Mississippi 2017 TB Cases by Race



- White 13
- Black 35
- Asian/Pacific Islander 3
- American Indian 1

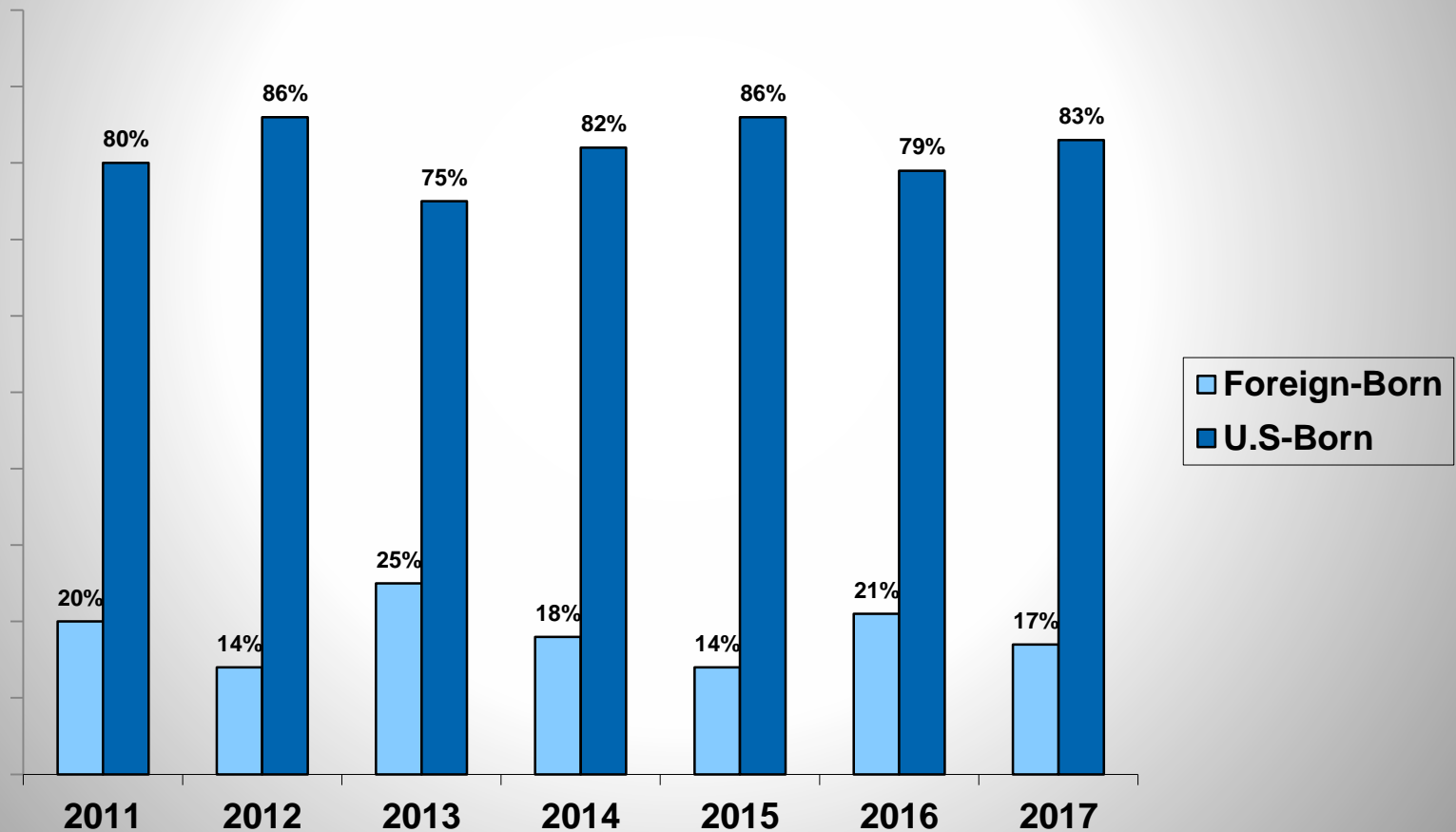


Mississippi 2017 US vs. Foreign-Born Reported Tuberculosis Disease

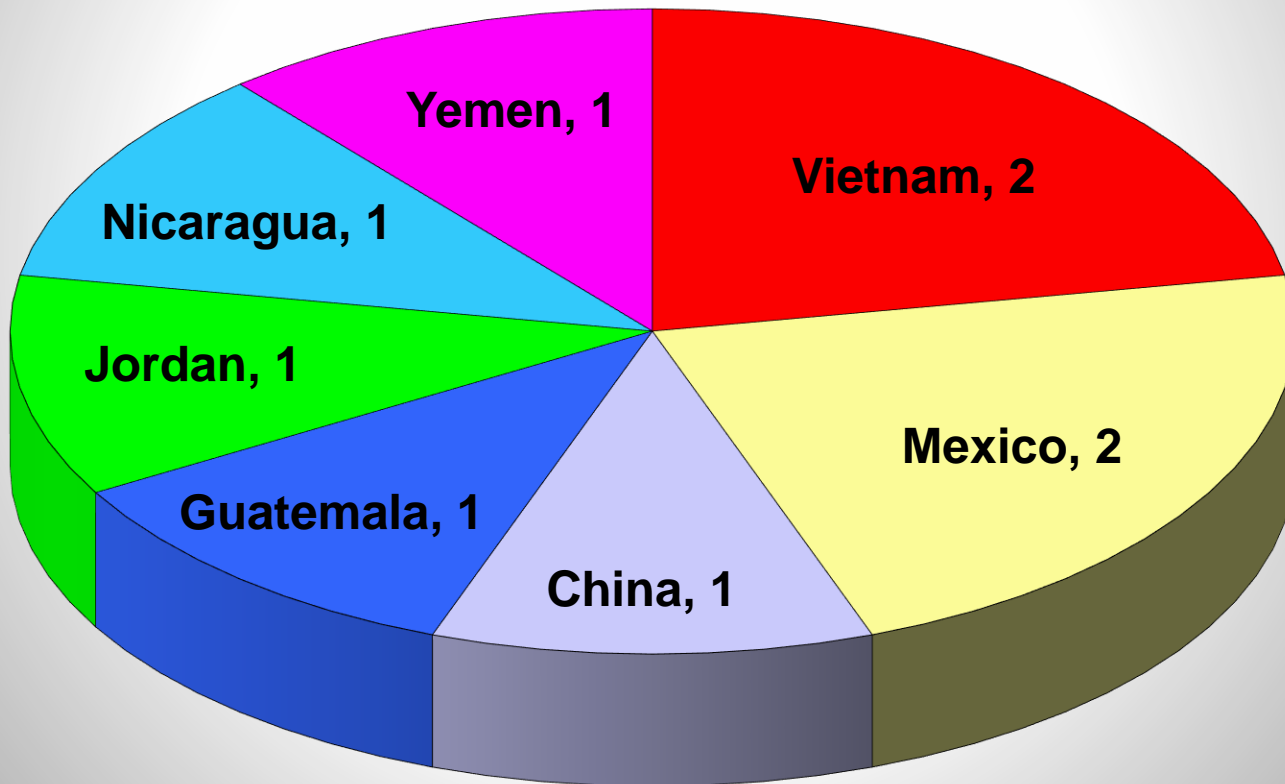


Mississippi 2011-2017

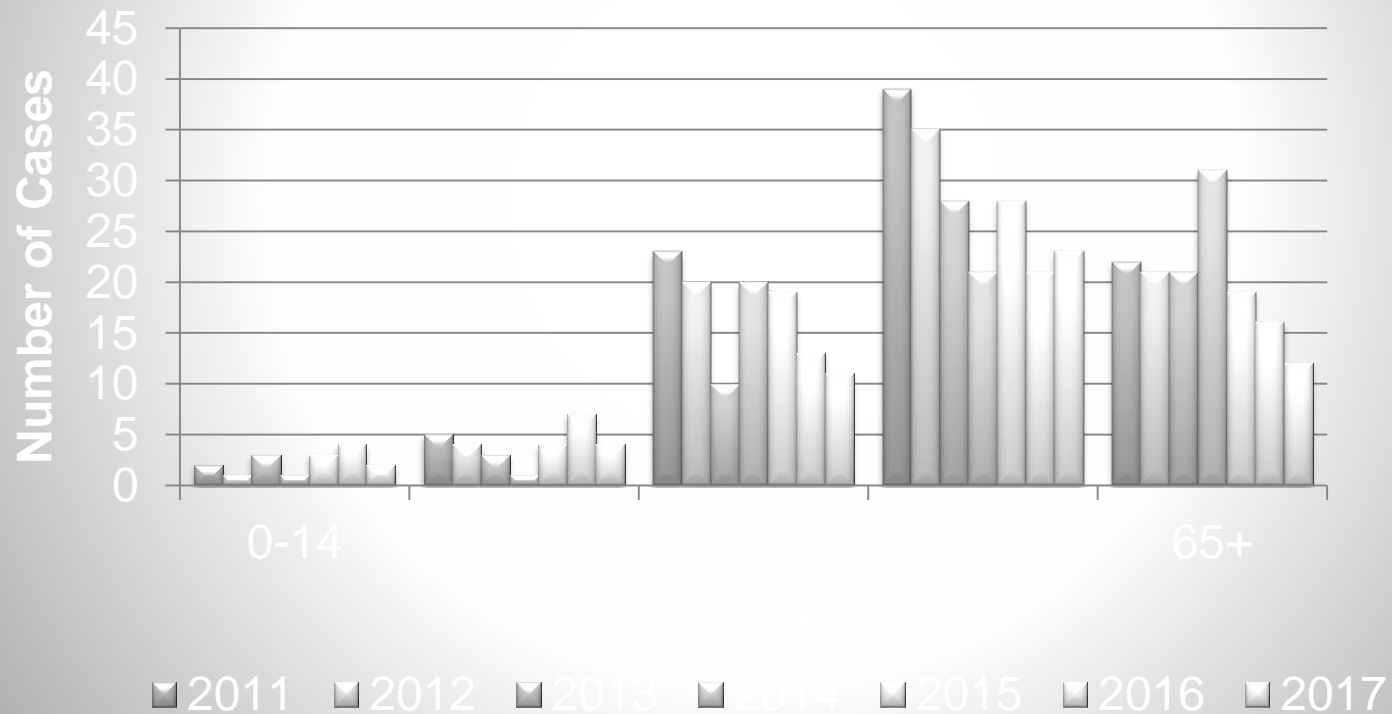
U.S. vs. Foreign-Born Reported TB Disease



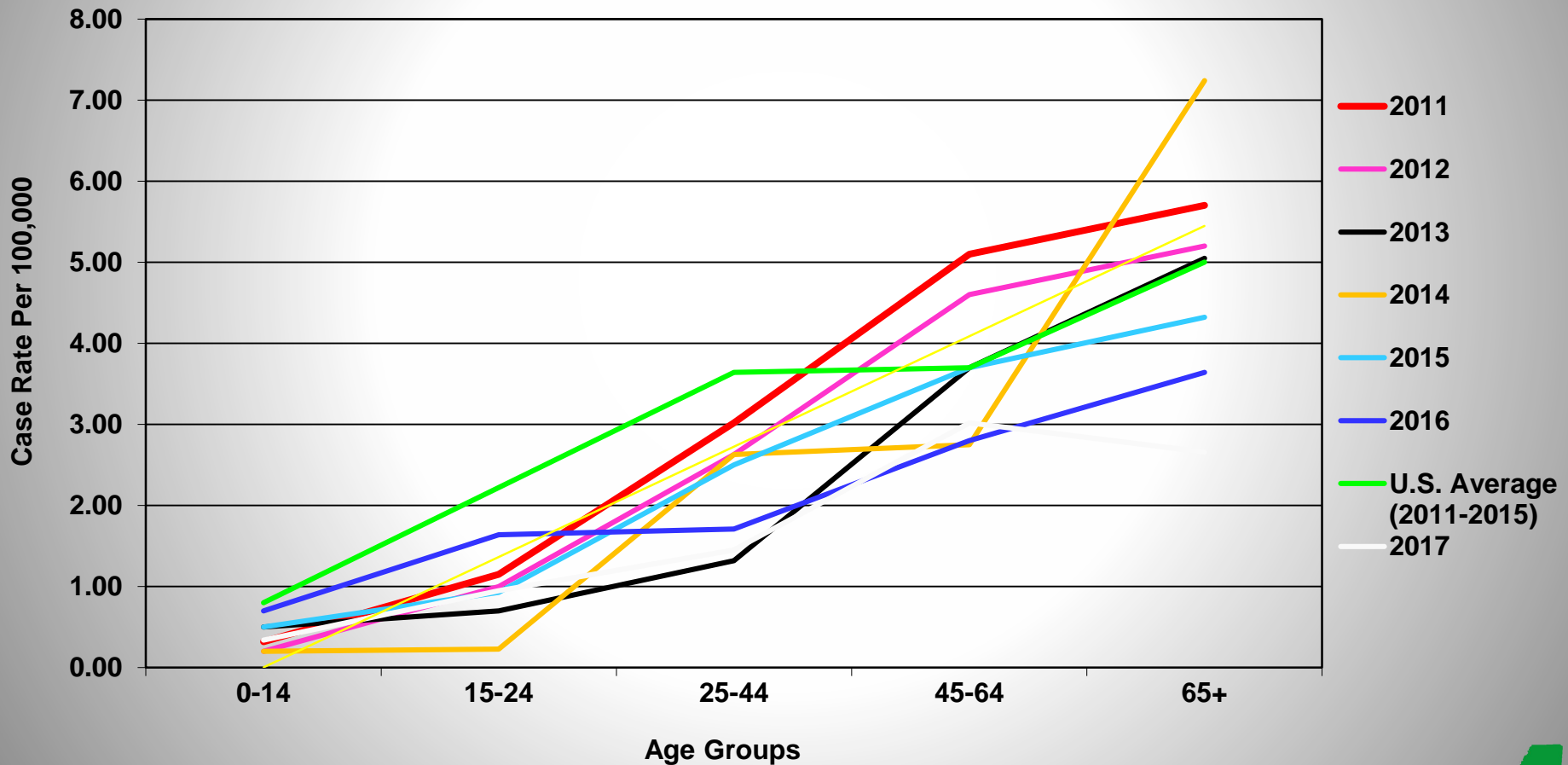
Country of Origin of Foreign Born TB Cases Reported in 2017 (N=9, 17%)



Mississippi 2011-2017 Reported TB Cases by Age

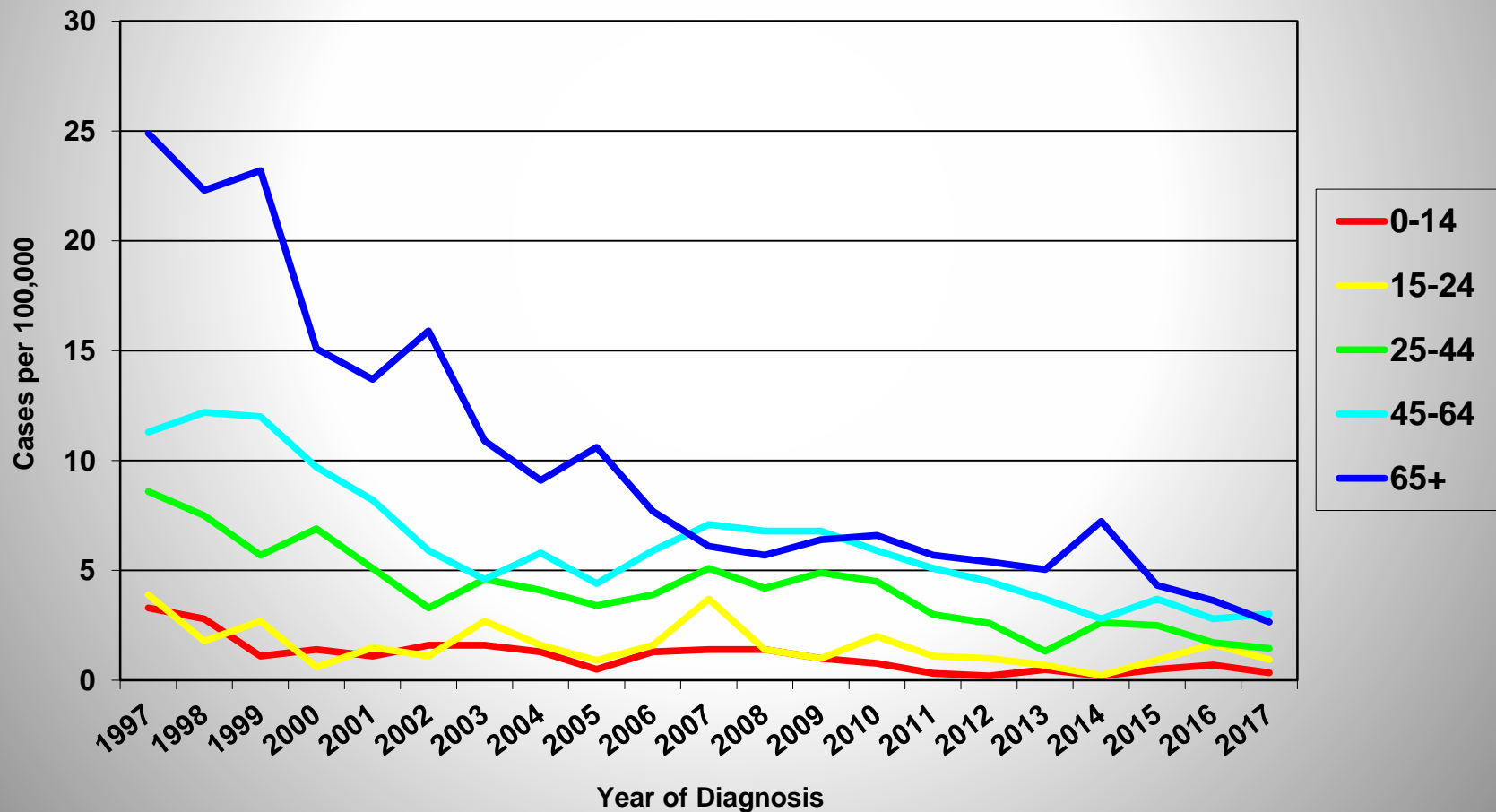


Mississippi 2011-2017 Case Rate by Age

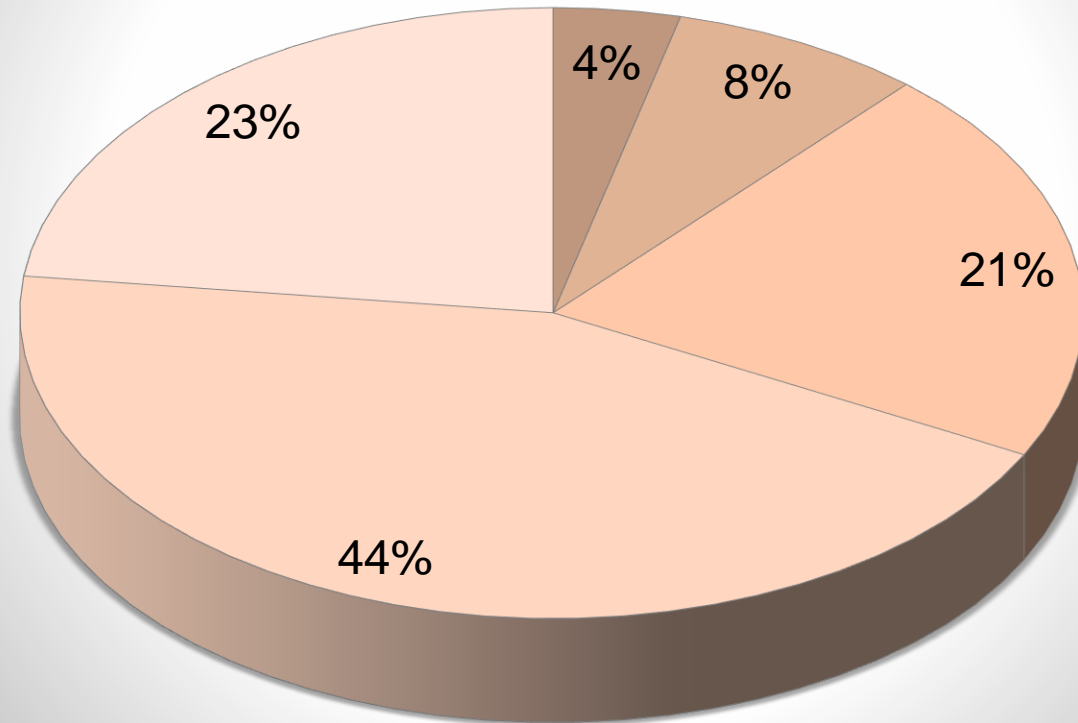


Mississippi

Reported TB Disease Rates by Age



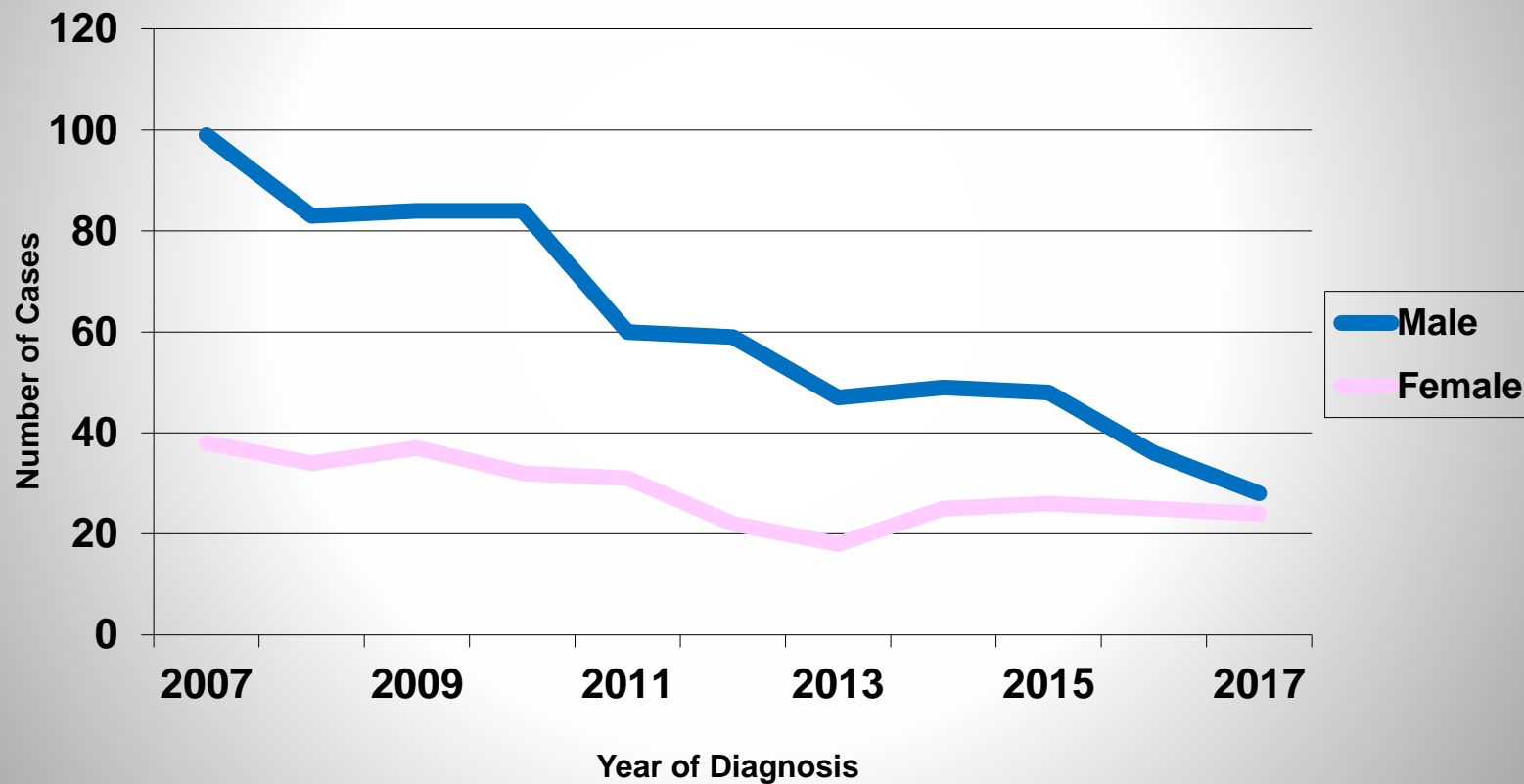
Mississippi 2017 Reported TB Cases by Age



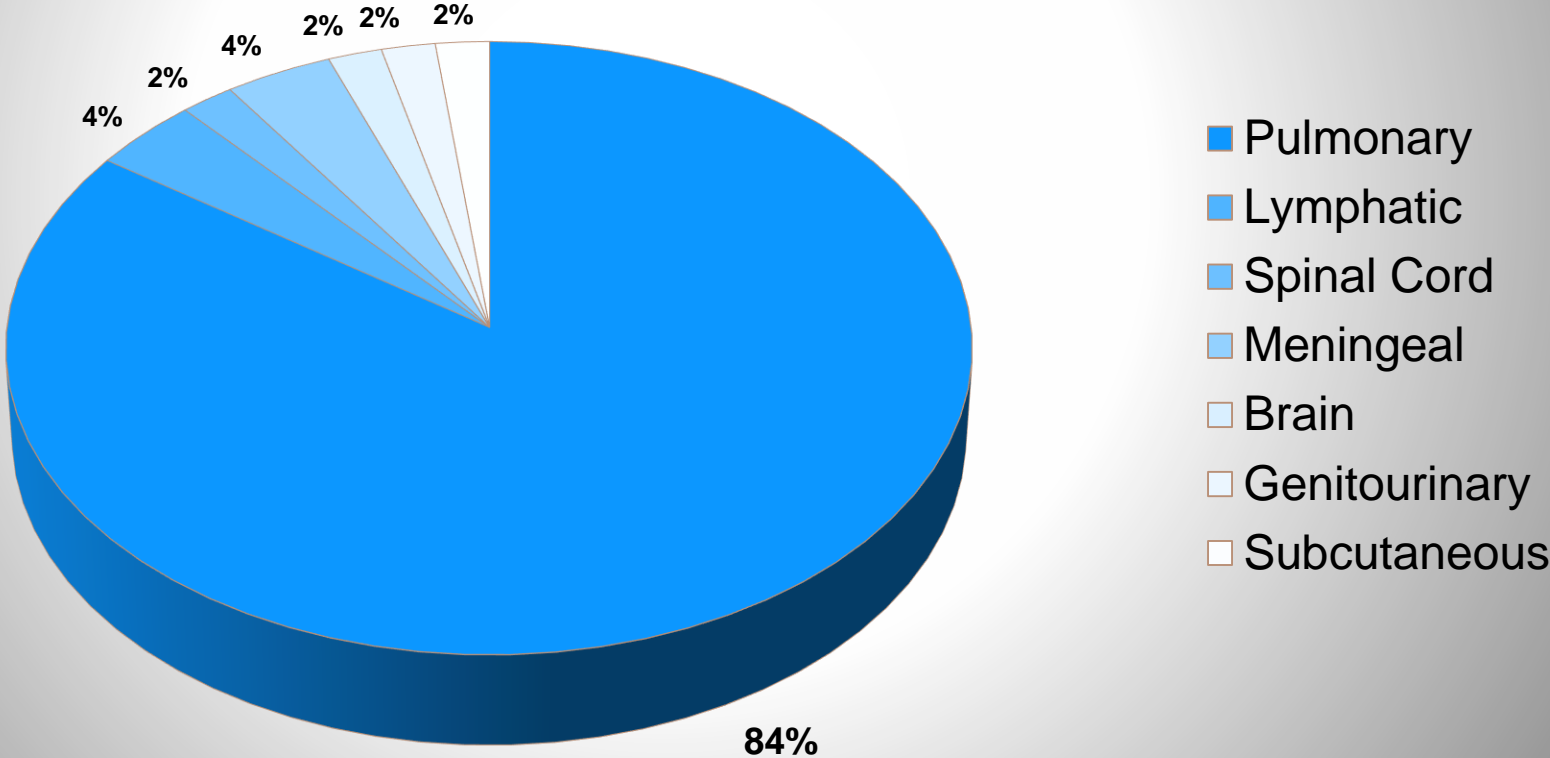
■ 0-14 ■ 15-24 ■ 25-44 ■ 45-64 ■ 65+



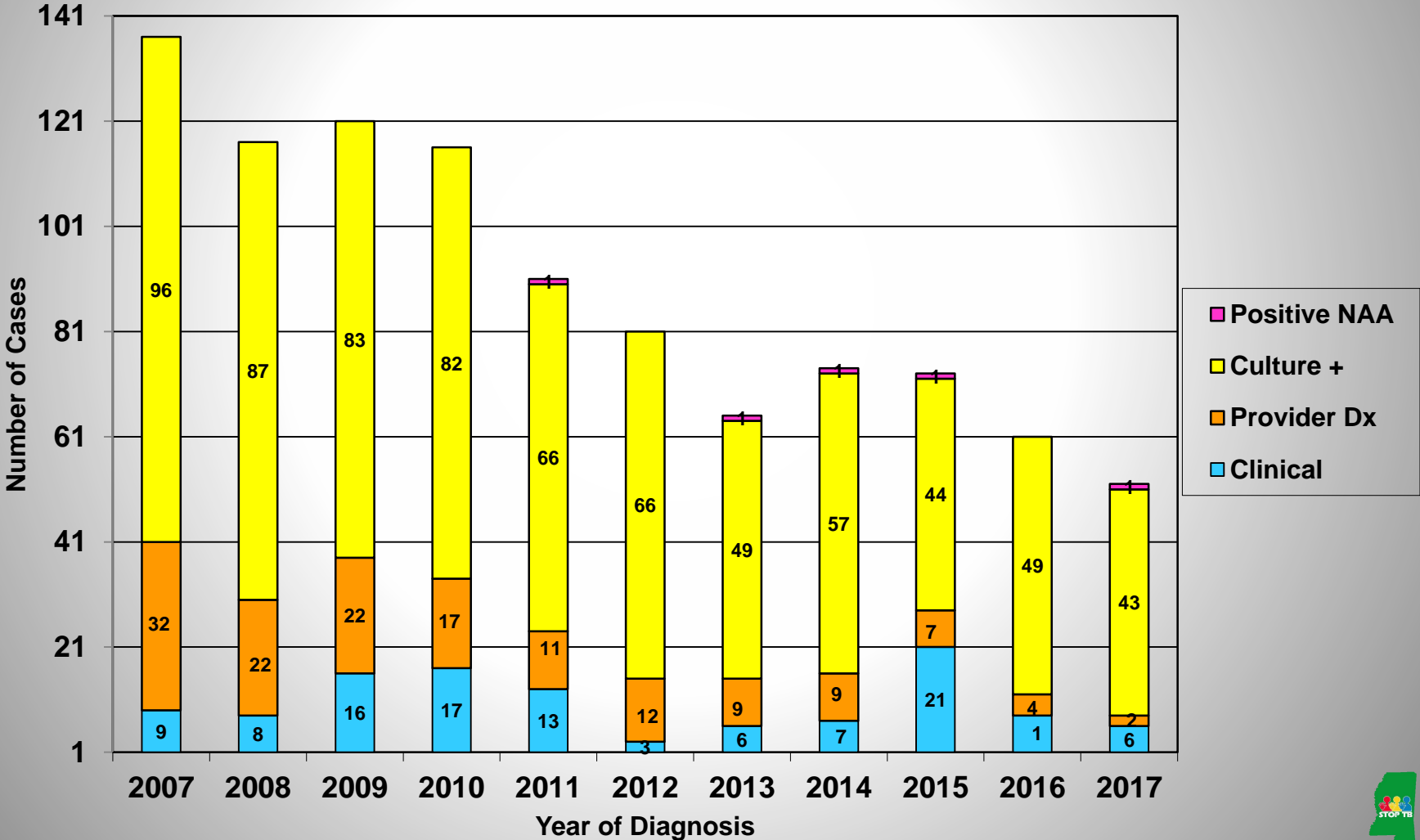
Mississippi TB Cases by Gender 2006-2016



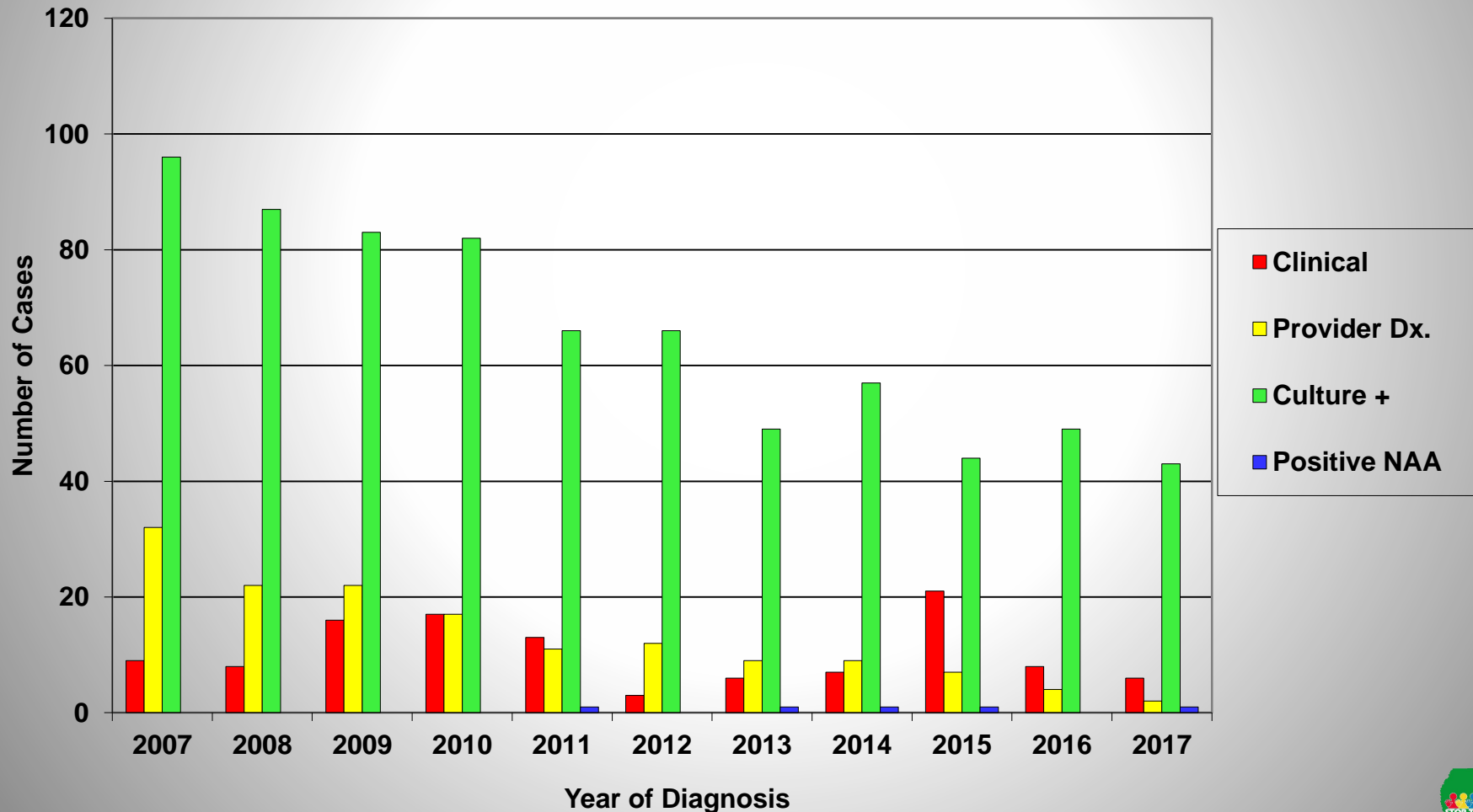
Mississippi 2017 Location of Disease



Mississippi Cases by Verified Criteria

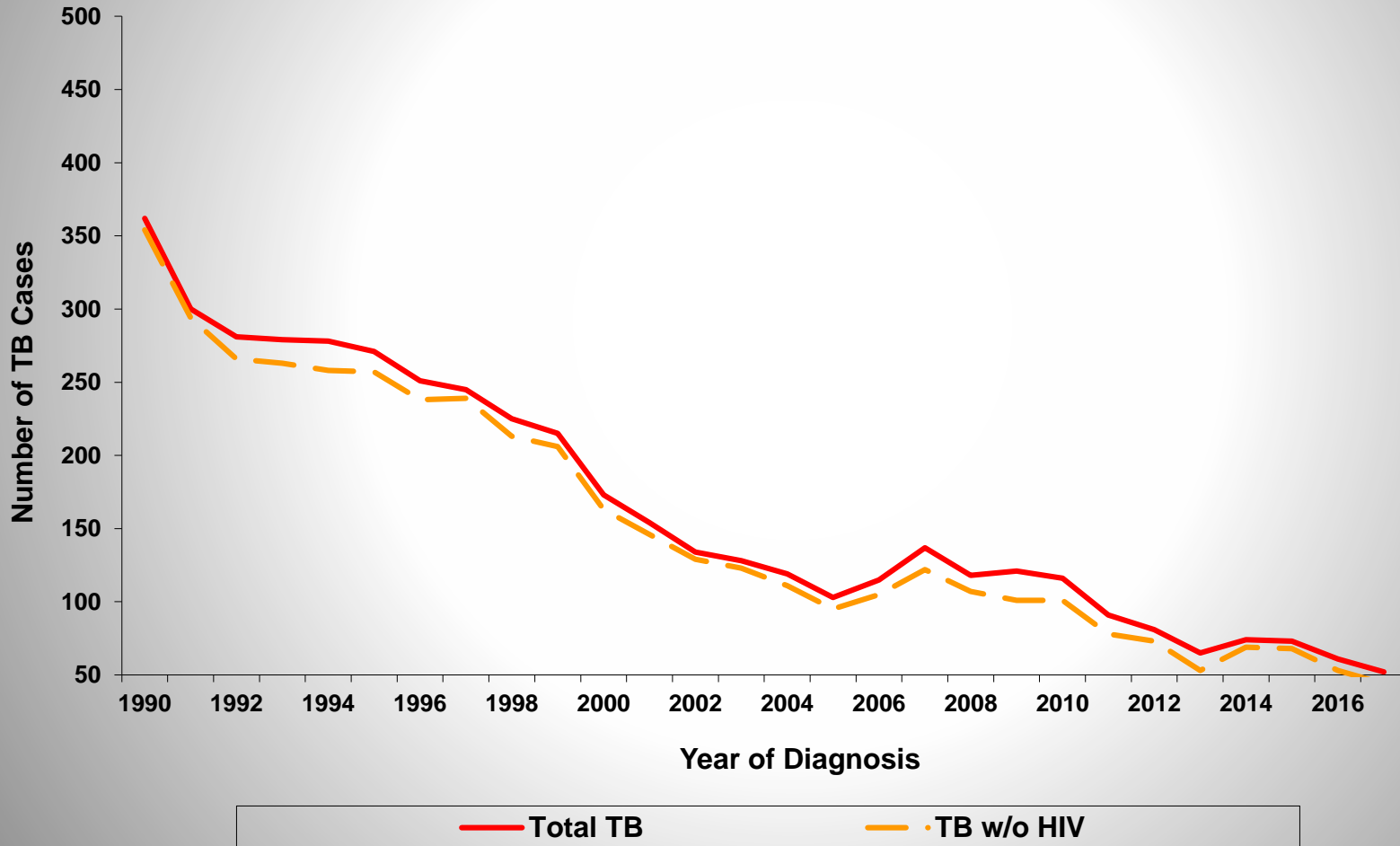


Mississippi Cases by Verified Criteria

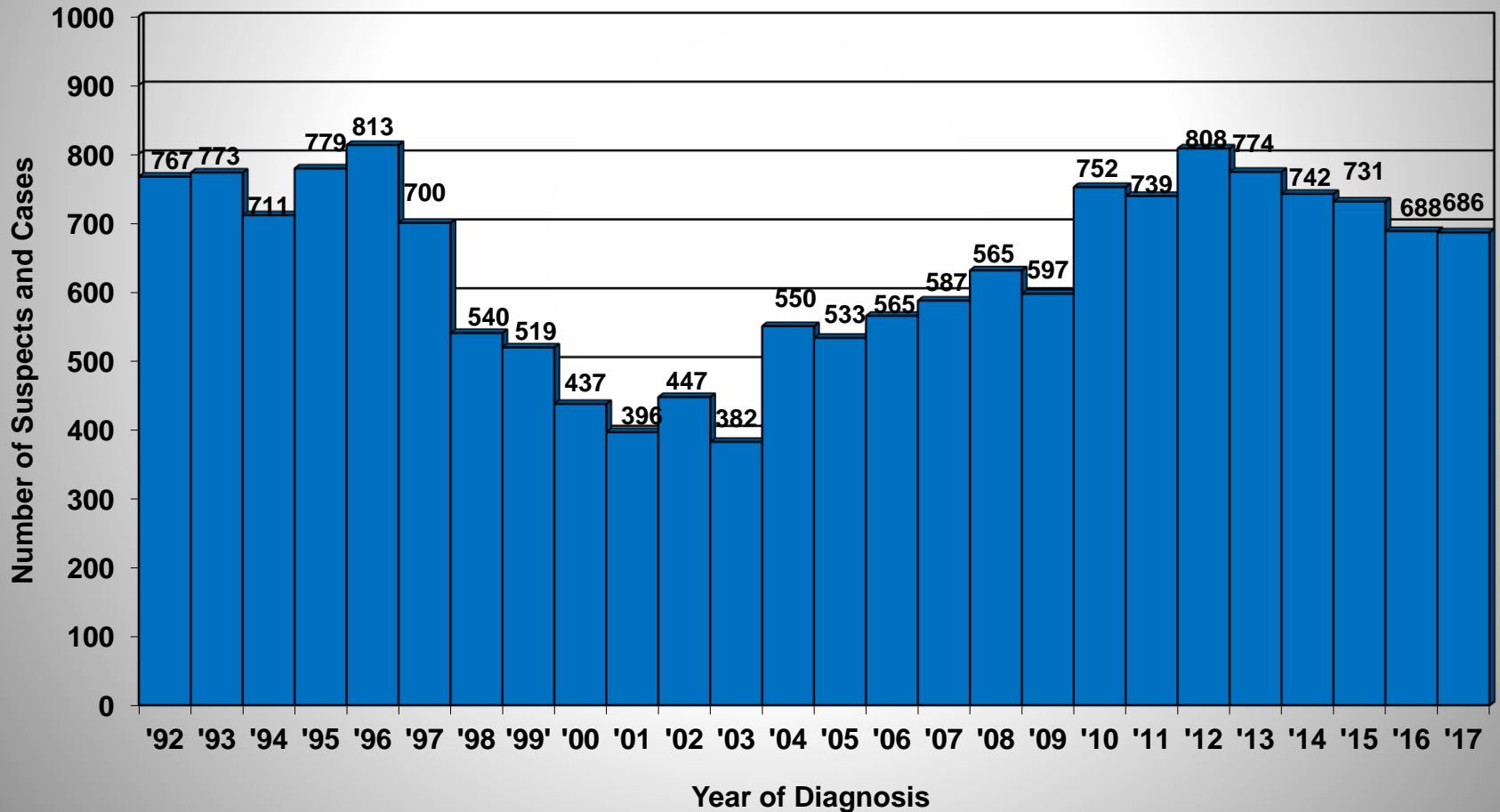


Mississippi

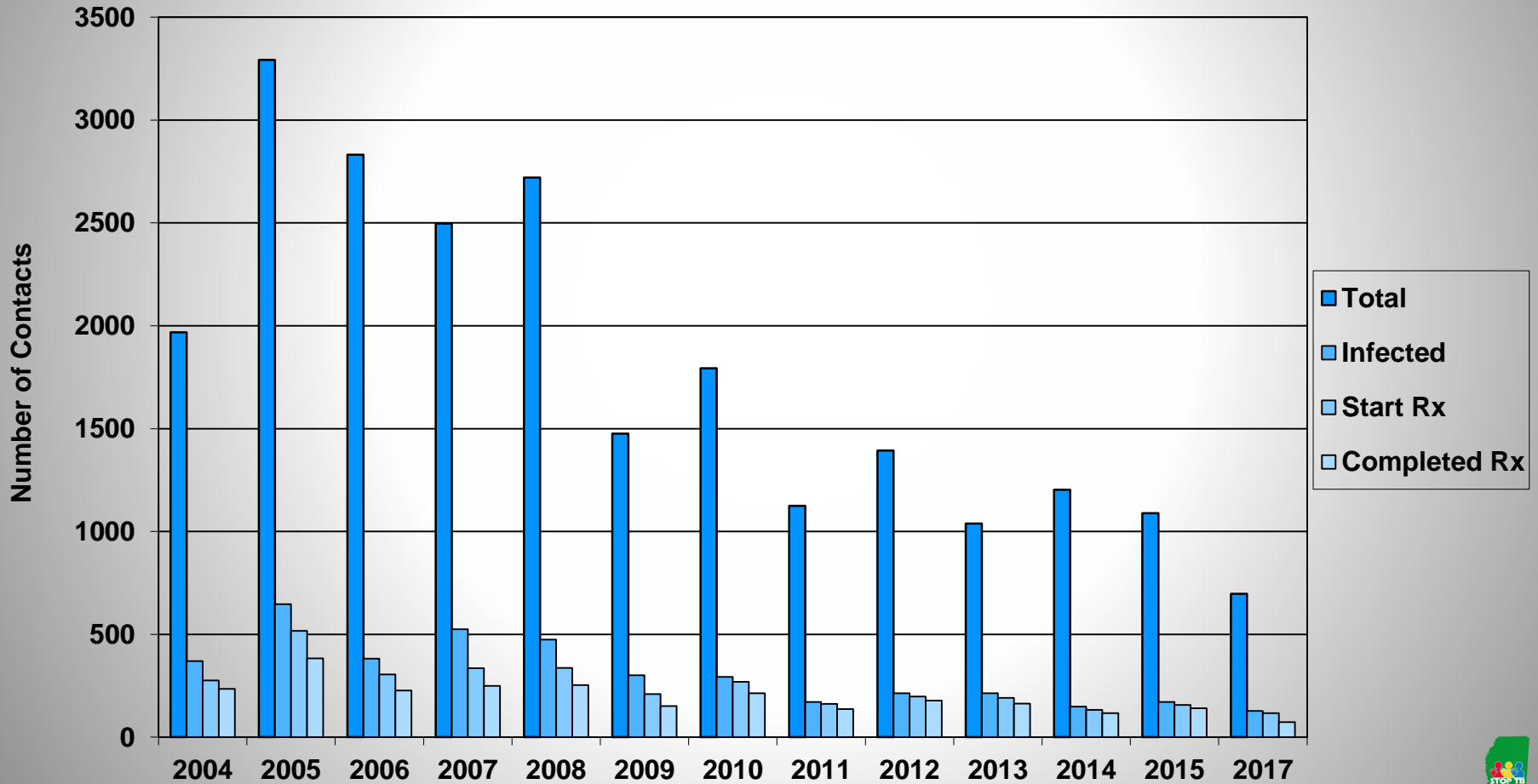
Impact of HIV on Incidence of TB



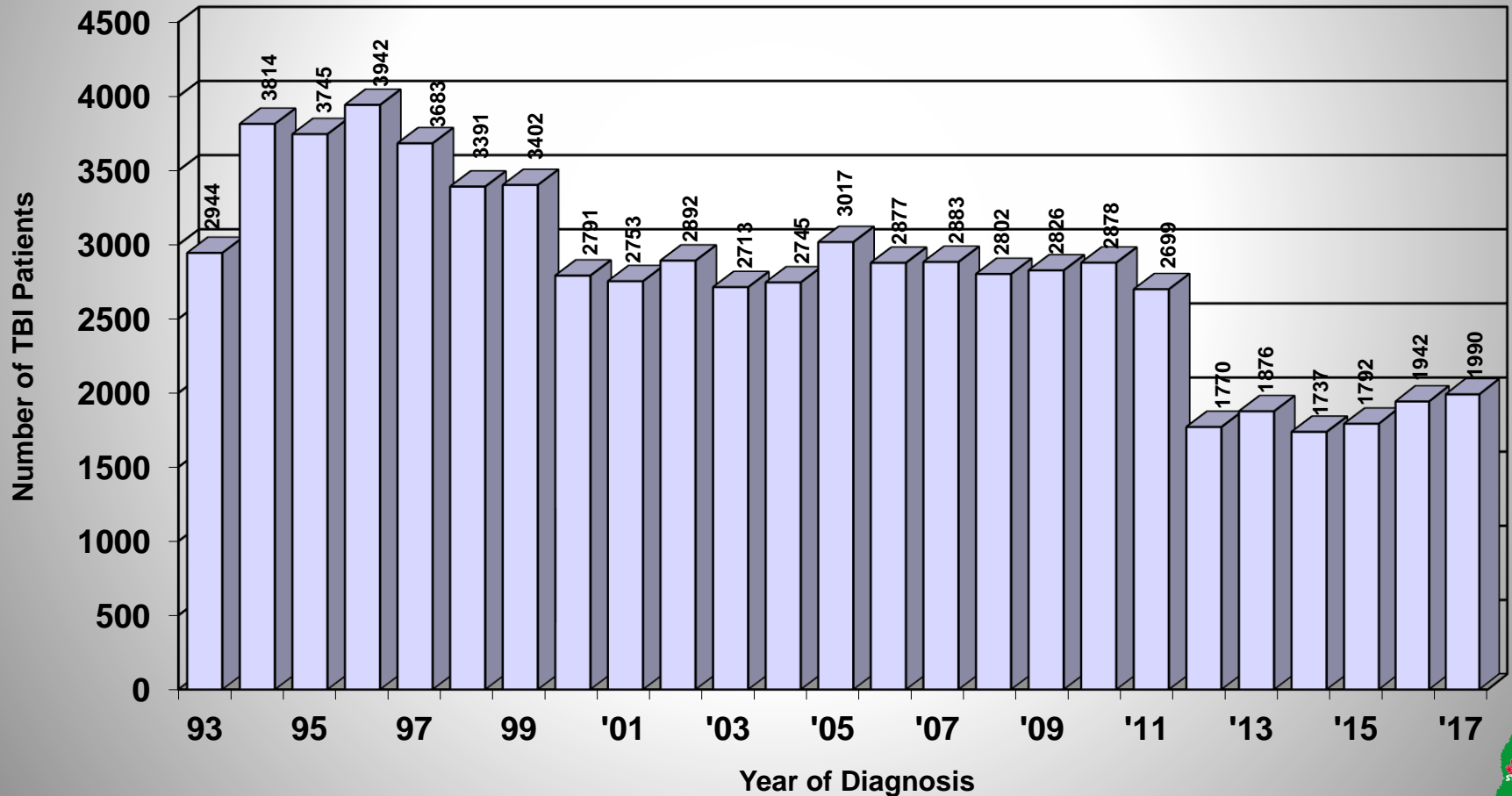
Mississippi TB Cases and Suspects 1992-2017



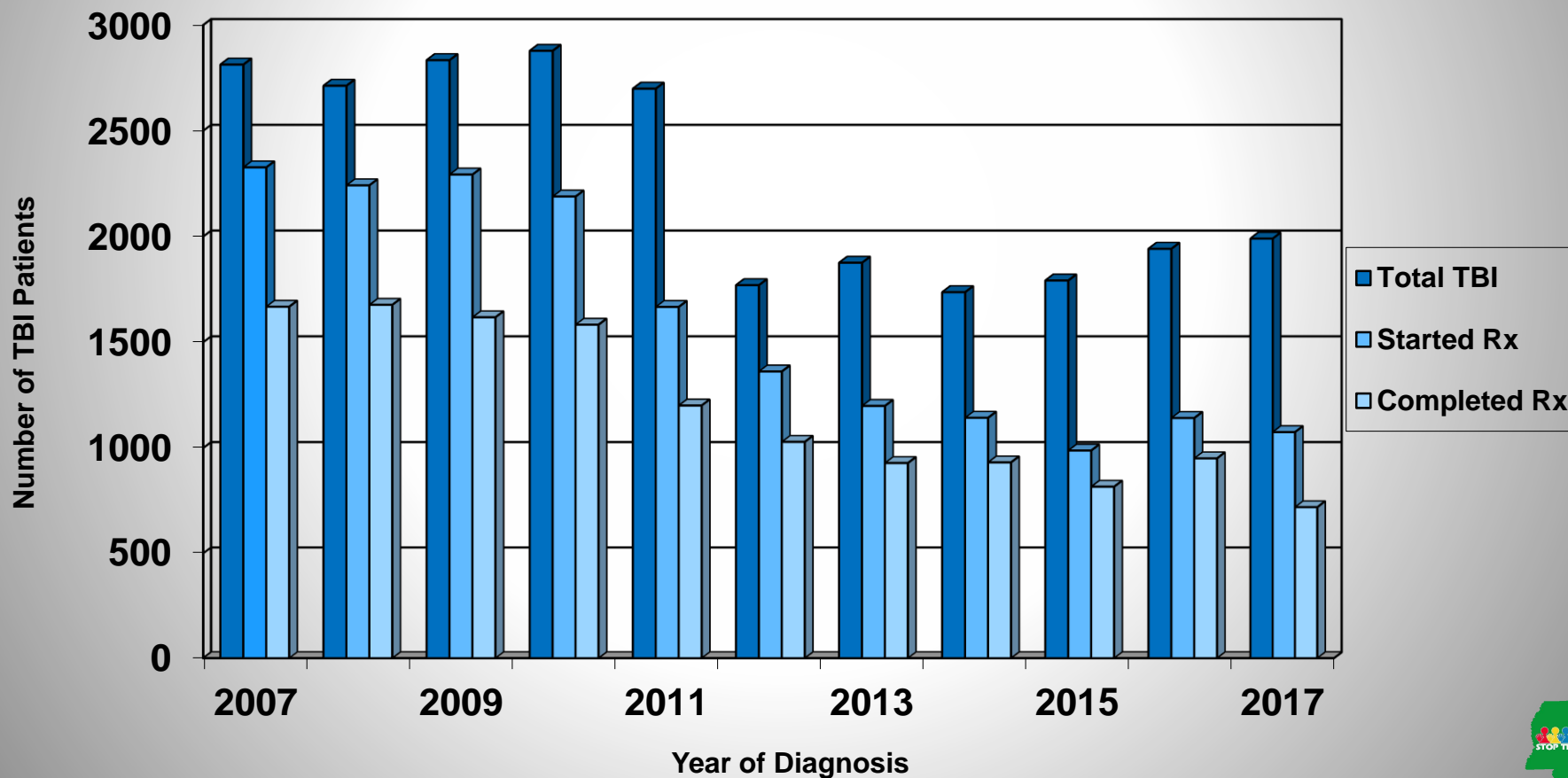
TB Contacts to Cases



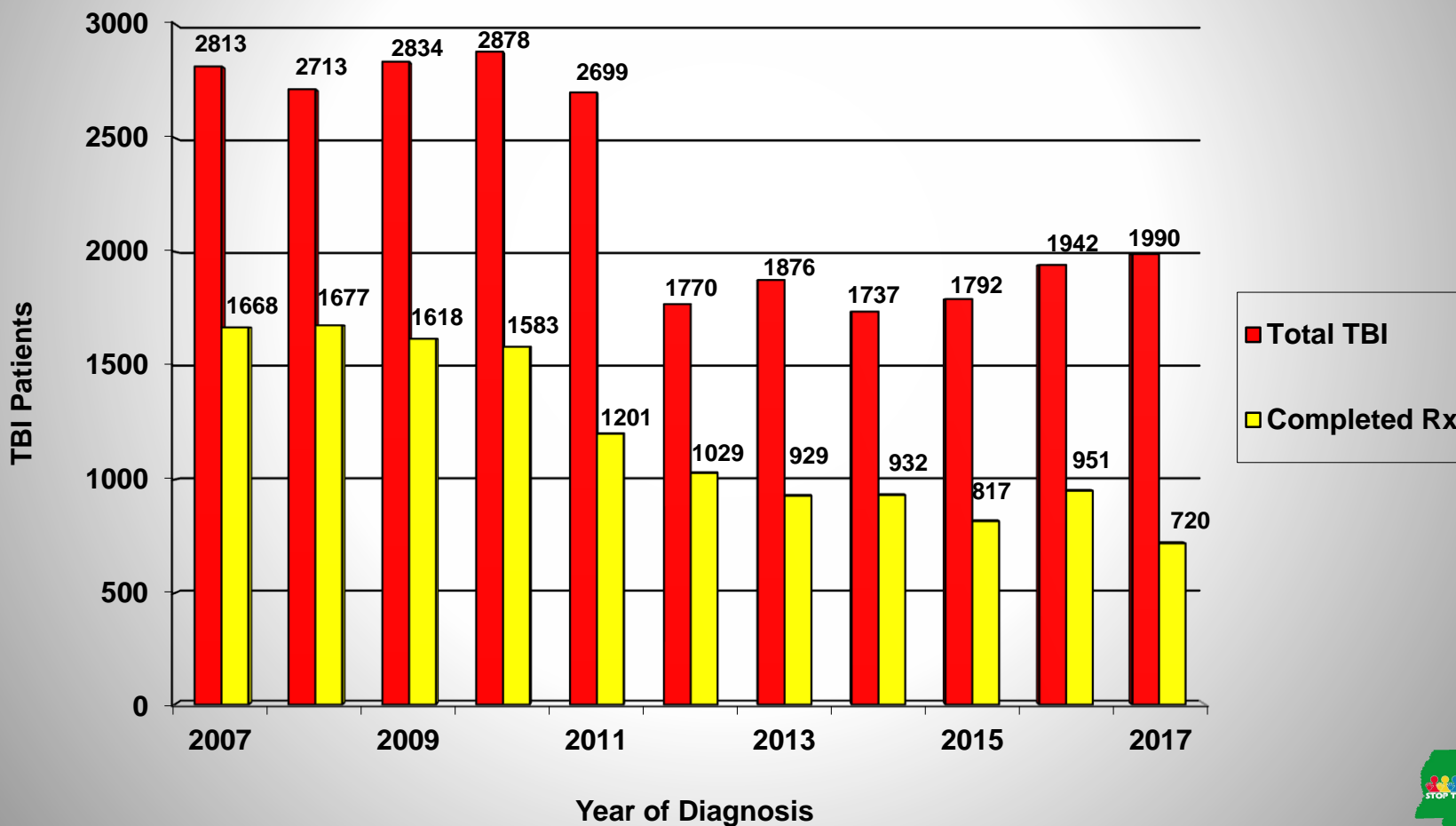
Mississippi TBI Patients 1992-2017



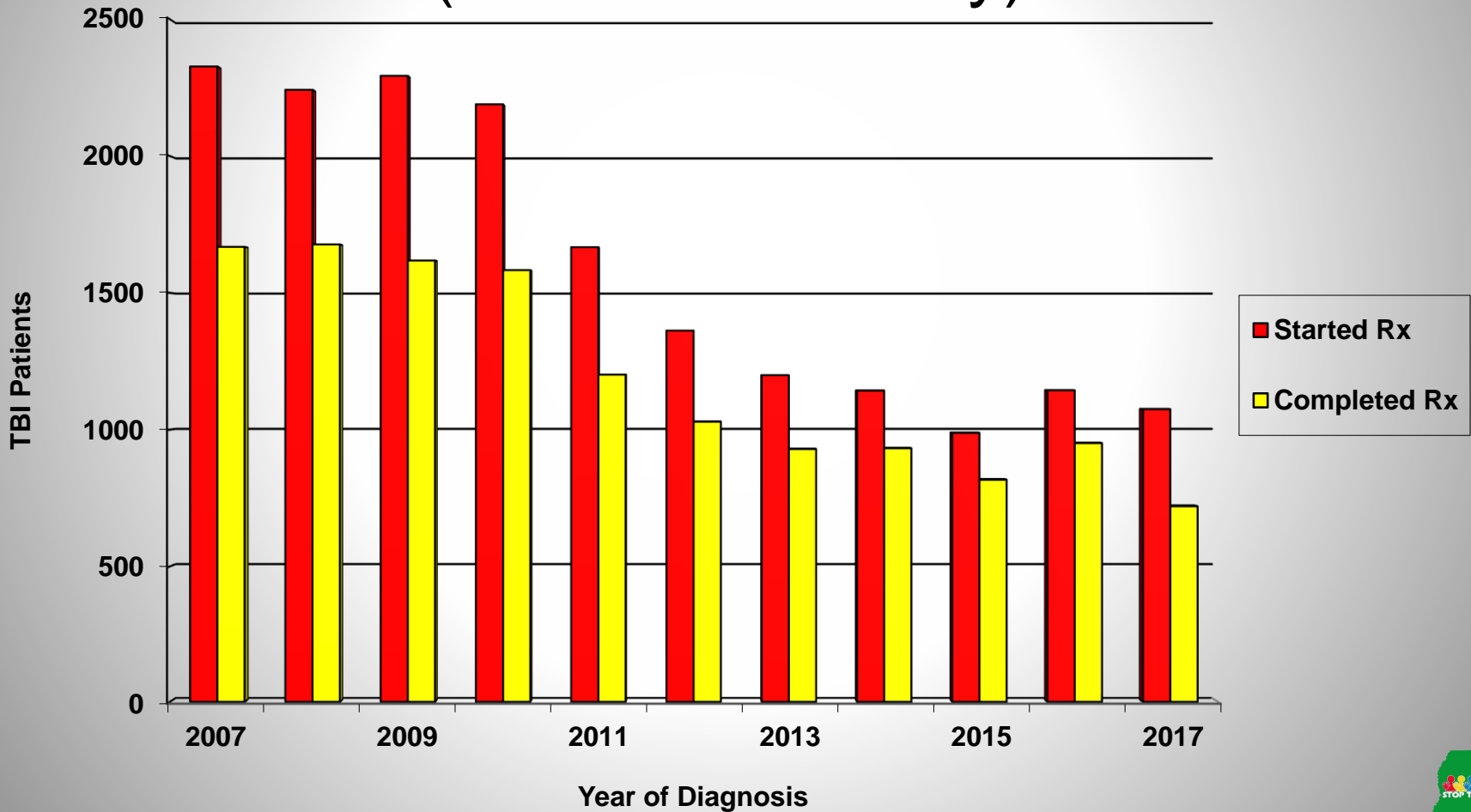
2005-2017 TBI Treatment (2017 Incomplete)



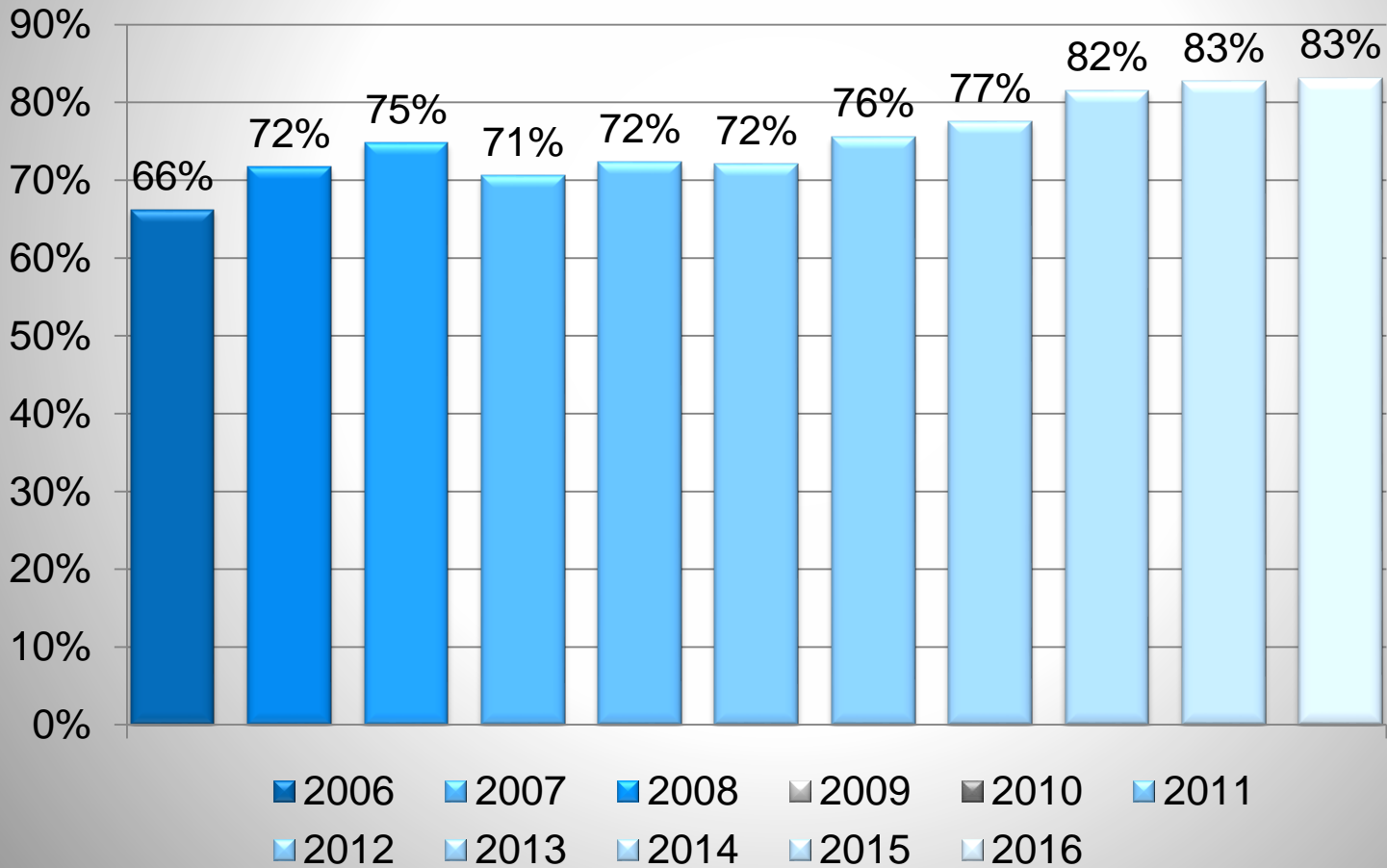
Total Patients Reported for TB Infection vs. Total Completing Therapy for TB Infection (2017 Preliminary)



Patients Starting Treatment for TB Infection vs. Therapy Completion (2017 Preliminary)

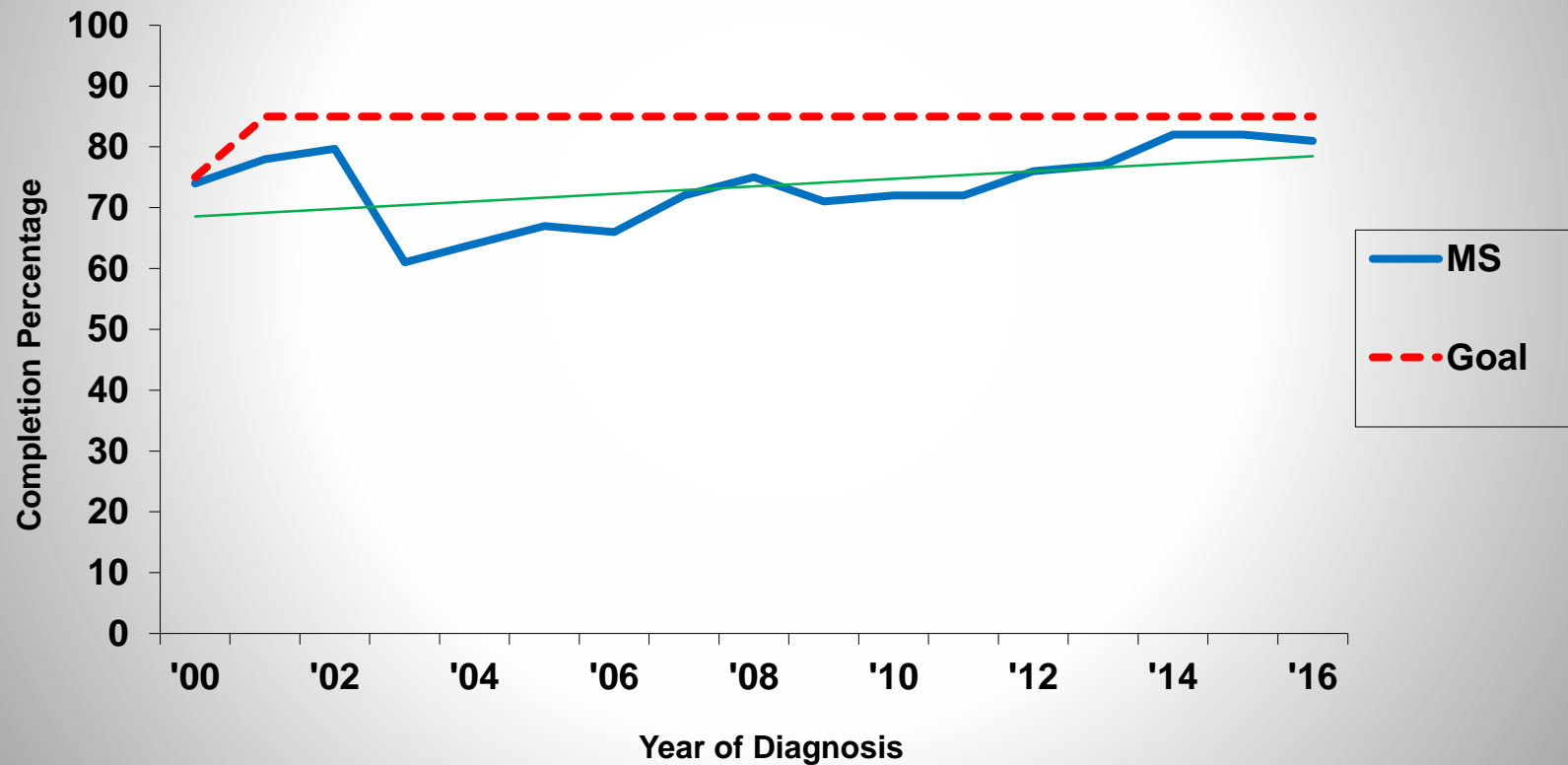


Patients Completing Treatment for TB Infection

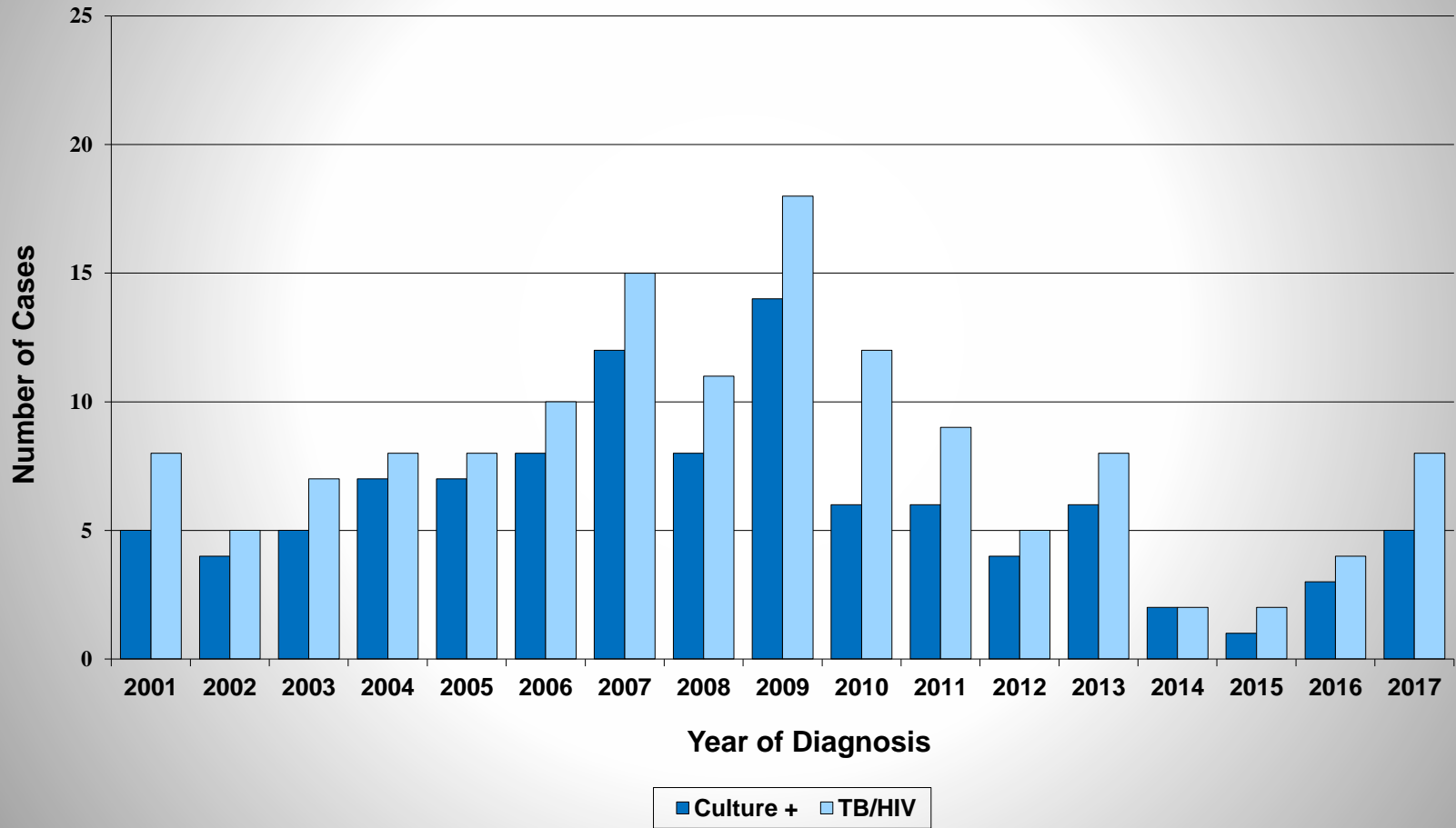


Mississippi

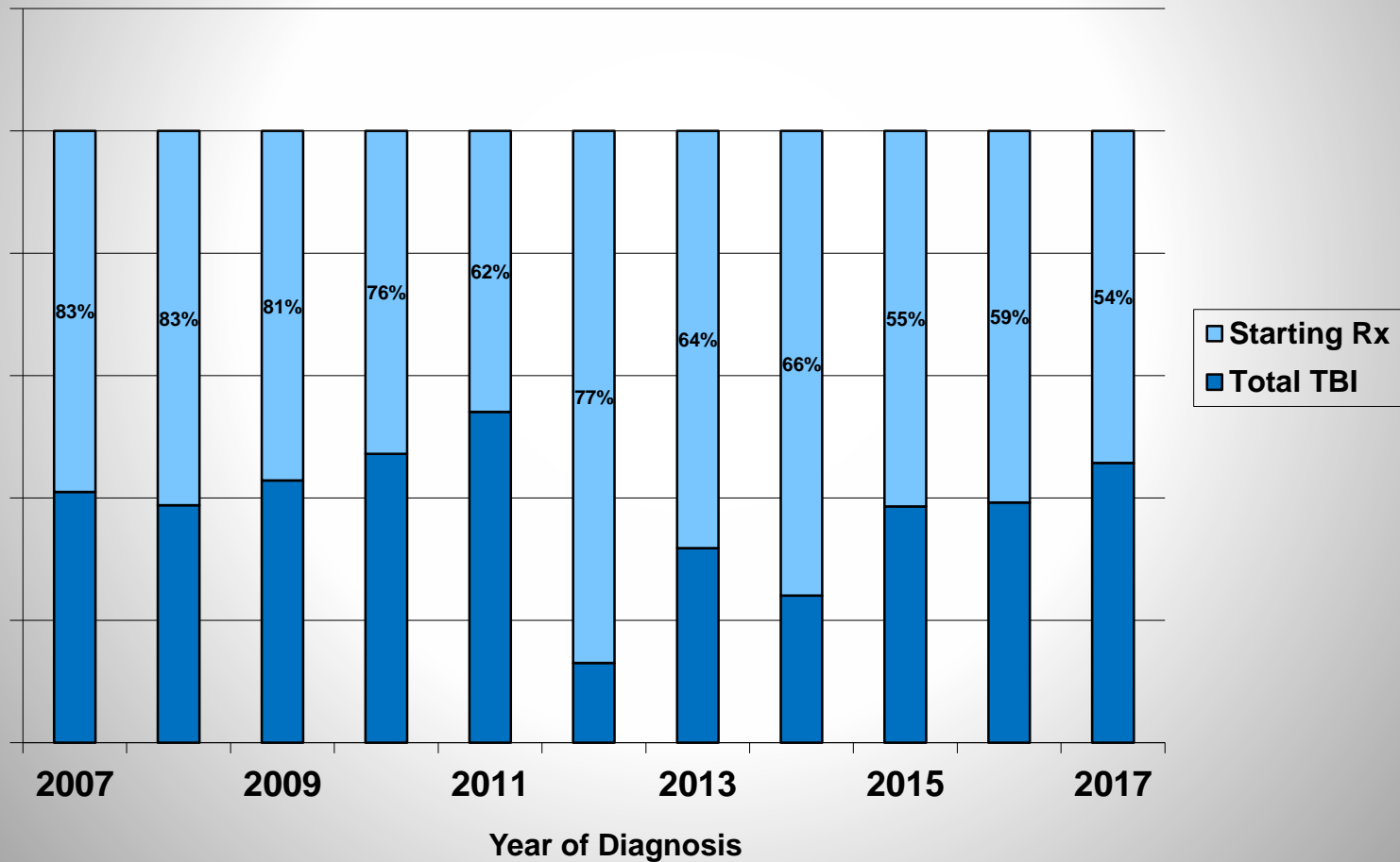
Overall Completion of Therapy for TB Infection



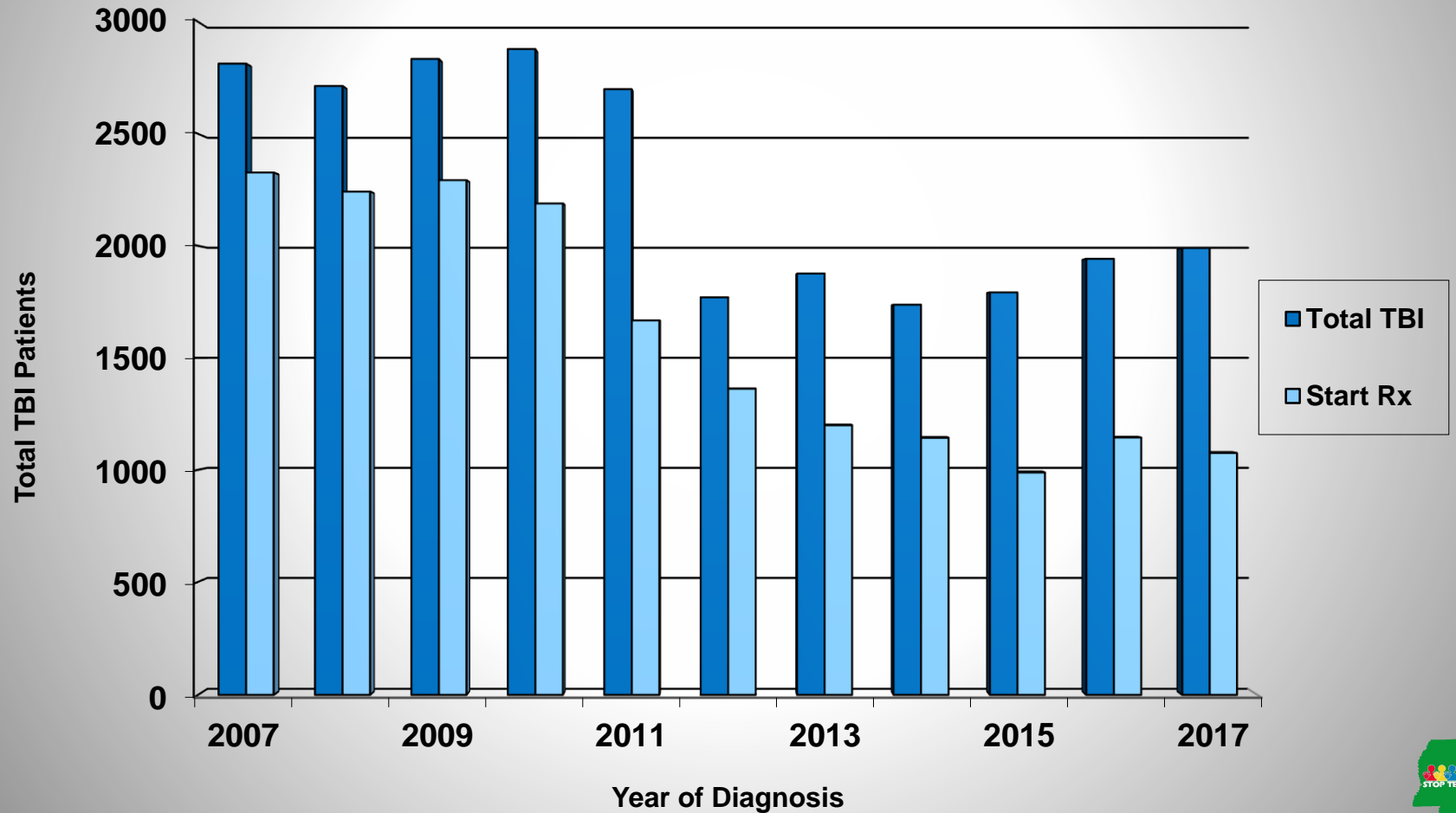
Mississippi Verified TB Disease/HIV Co-infection



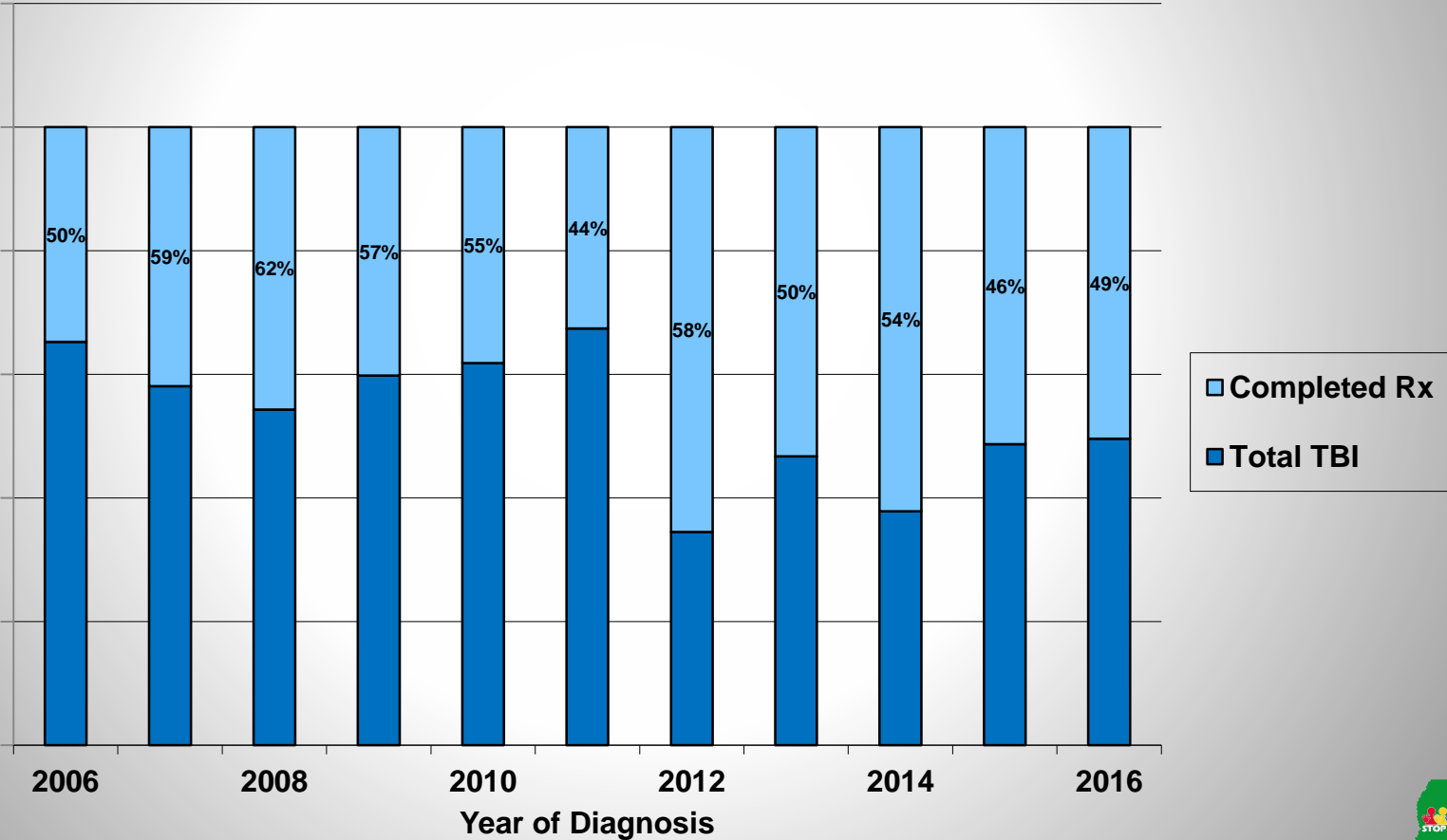
Percentage of TBI Patients Starting Rx



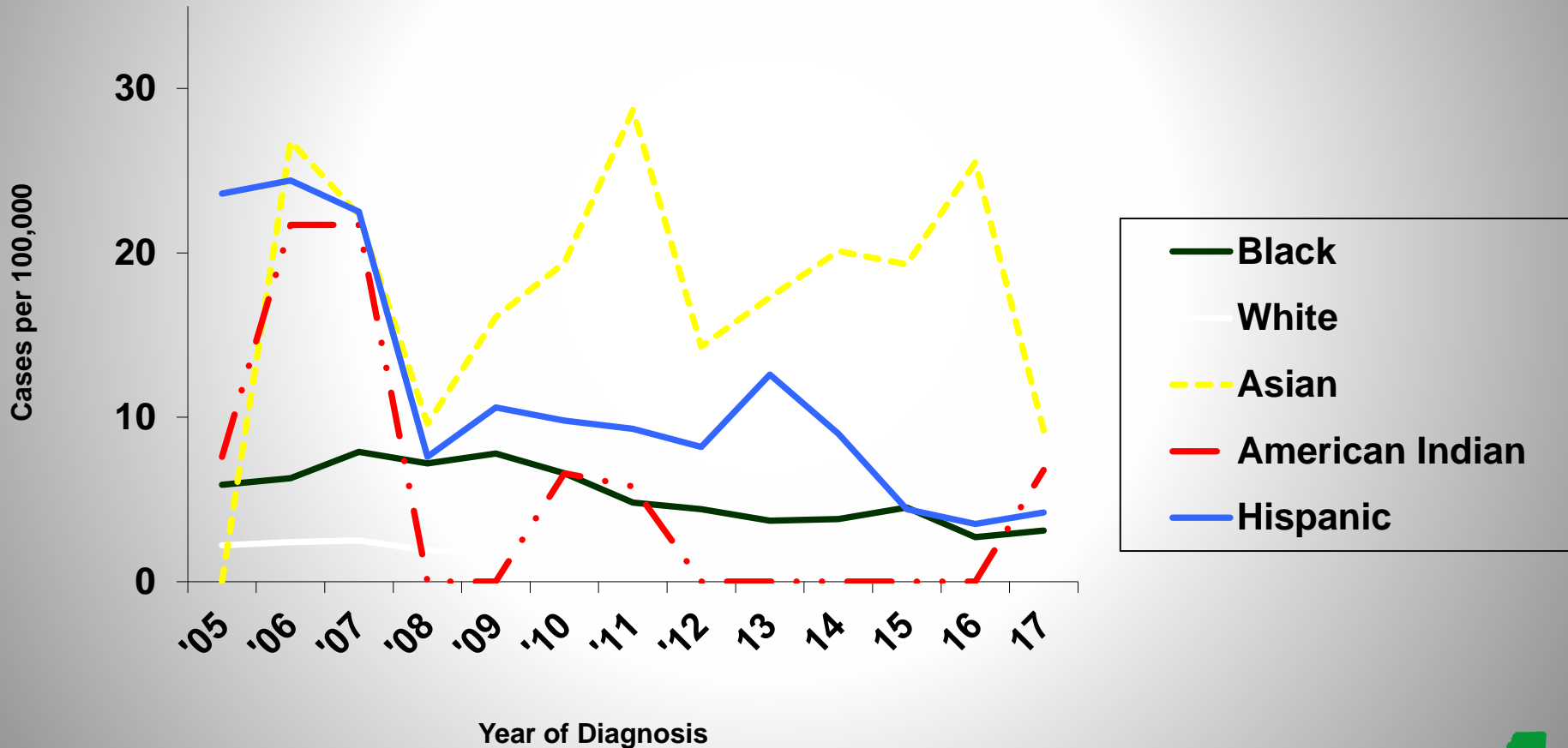
Total TBI vs. TBI Patients Starting Rx



Percent of TBI Patients Completed Rx



Mississippi TB Disease Rates by Race and Year (including Hispanic Ethnicity)



Drug Resistance Among Mississippi Cases

2013 Drug Resistance Among Mississippi Cases

2013

48 Culture-Positive cases counted.

- 1 patient, or 2%: Resistant to both INH and SM.
- 1 patient, or 2%: Solely resistant to SM.

2014 Drug Resistance Among Mississippi Cases

2014

57 Culture-Positive cases counted.

- 2 patients, or 3.5%: Solely resistant to PZA.
- 1 patient, or 2%: Solely resistant to INH.
- 2 patients, or 3.5%: Resistant to both INH and SM.
- 5 patients, or 9%: Resistant to SM.

2015 Drug Resistance Among Mississippi Cases

2015

43 Culture-Positive cases counted.

- 4 patients, or 9.3%: Solely resistant to SM.
- 2 patients, or 4.6%: Solely resistant to INH.
- 1 patient, or 2.3%: Solely resistant to PZA (not *M. bovis*).

2016 Drug Resistance Among Mississippi Cases

2016

48 Culture-Positive cases counted.

- 2 patients, or 4.2%: Resistant to INH, RIF, EMB, PZA, and SM.
- 2 patients, or 4.2%: Resistant to INH and SM.
- 1 patient, or 2.1%: Solely resistant to PZA (*M. bovis*).

2017 Drug Resistance Among Mississippi Cases

2017

43 Culture-Positive cases counted.

- 1 patient, or 2.3%: Resistant to INH, SM, and PZA.
- 2 patients, or 4.7%: Solely resistant to SM.
- 1 patient, or 2.3%: Solely resistant to INH.