

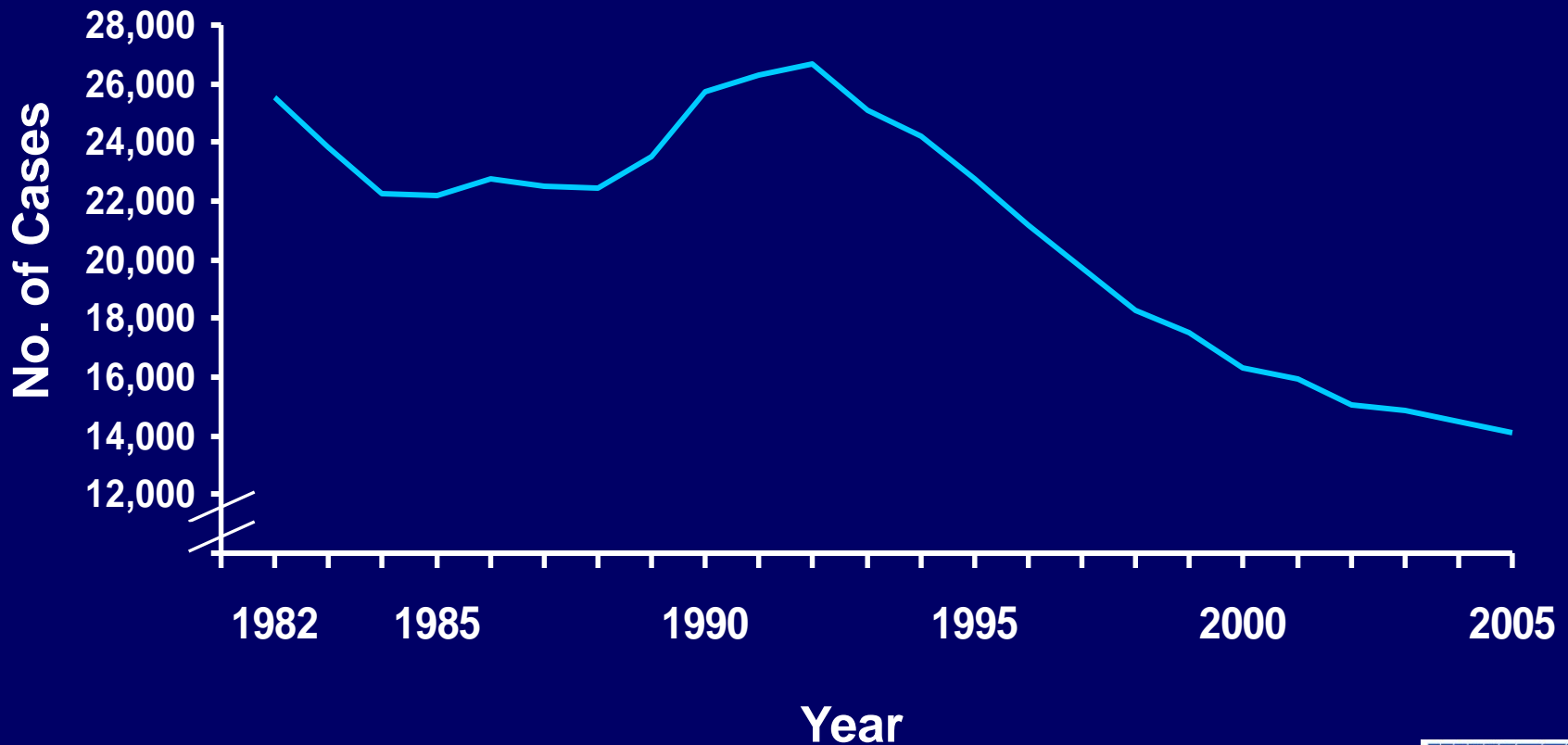
# **Tuberculosis in the United States**

## **National Surveillance System Highlights from 2005**

**Division of Tuberculosis Elimination  
Centers for Disease Control and Prevention**



# Reported TB Cases\* United States, 1982–2005



\*Updated as of March 29, 2006



# TB Morbidity

## United States, 2000–2005

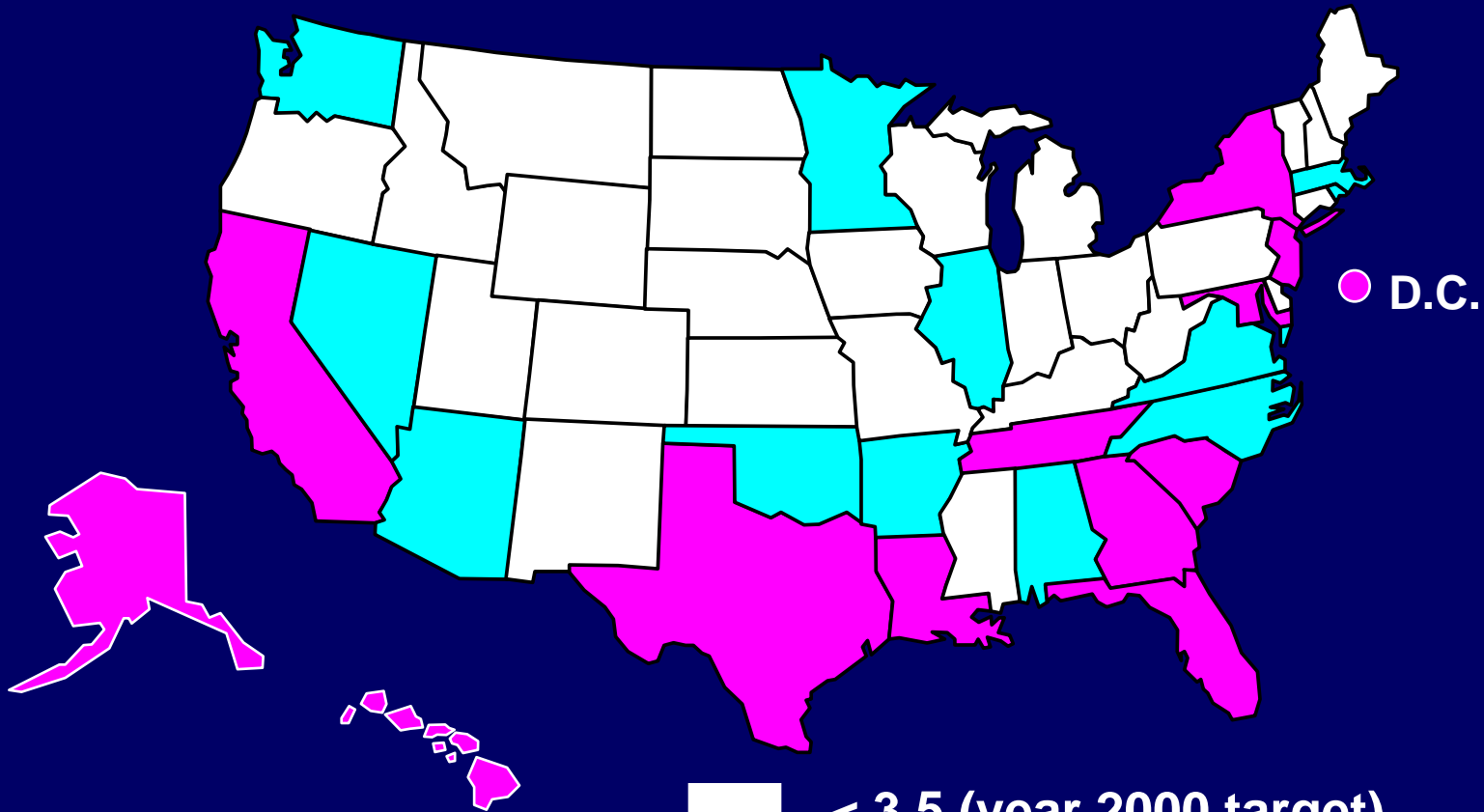
<b>Year</b>	<b>Cases</b>	<b>Rate*</b>
<b>2000</b>	<b>16,309</b>	<b>5.8</b>
<b>2001</b>	<b>15,946</b>	<b>5.6</b>
<b>2002</b>	<b>15,056</b>	<b>5.2</b>
<b>2003</b>	<b>14,840</b>	<b>5.1</b>
<b>2004</b>	<b>14,515</b>	<b>4.9</b>
<b>2005</b>	<b>14,097</b>	<b>4.8</b>



\*Cases per 100,000, updated as of March 29, 2006.



# TB Case Rates,\* United States, 2005



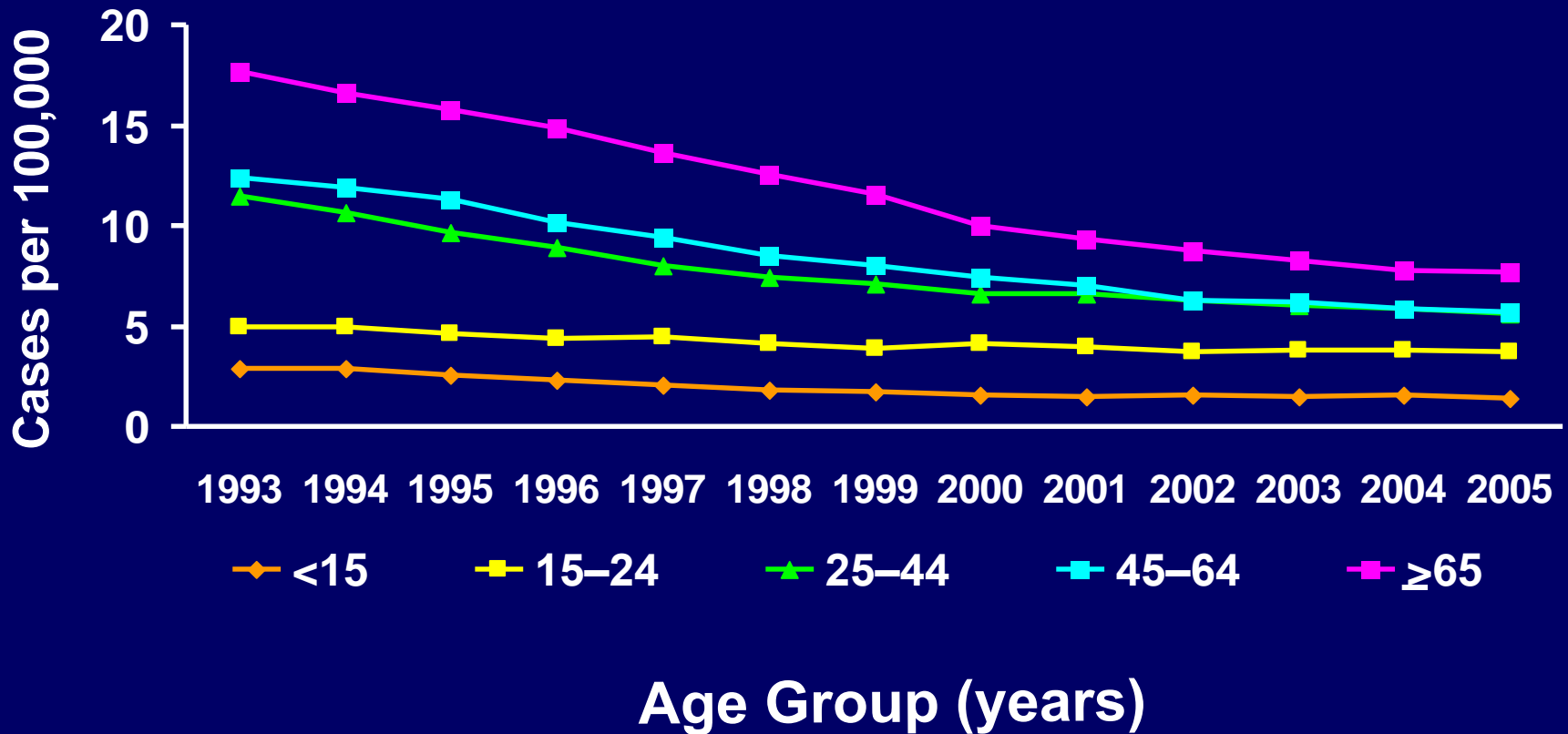
- ≤ 3.5 (year 2000 target)
- 3.6–4.8
- > 4.8 (national average)



\*Cases per 100,000.



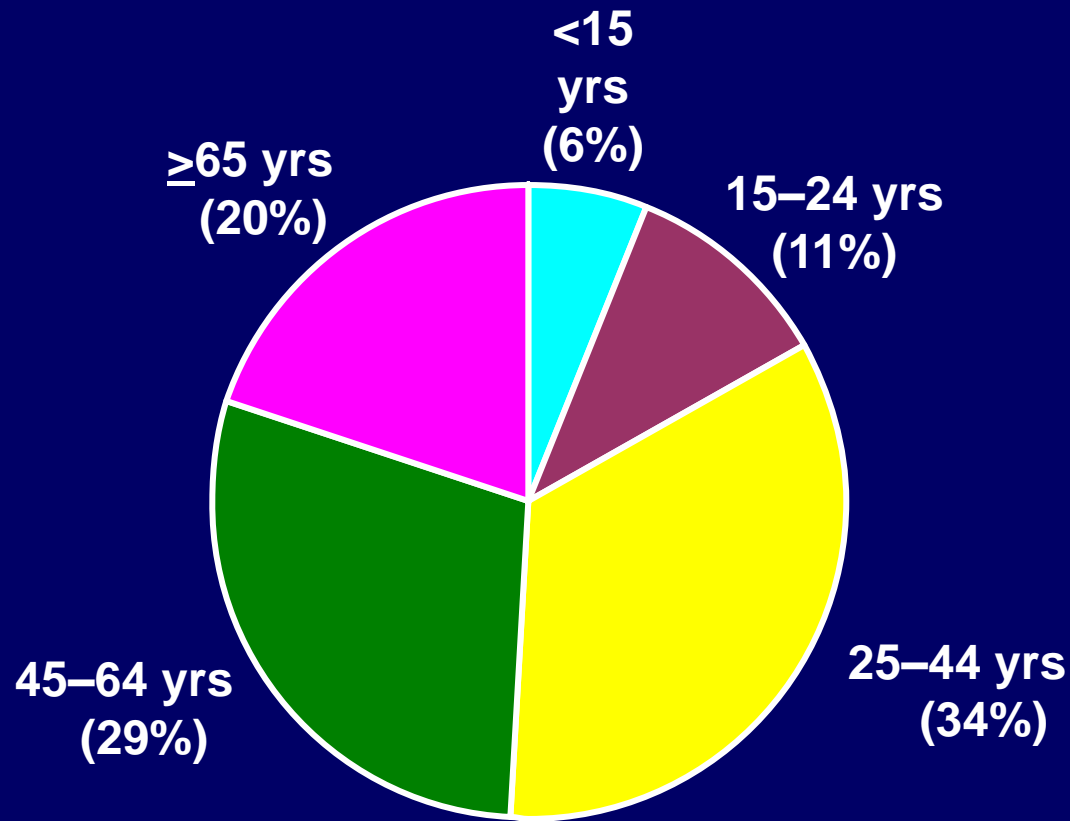
# TB Case Rates\* by Age Group United States, 1993–2005



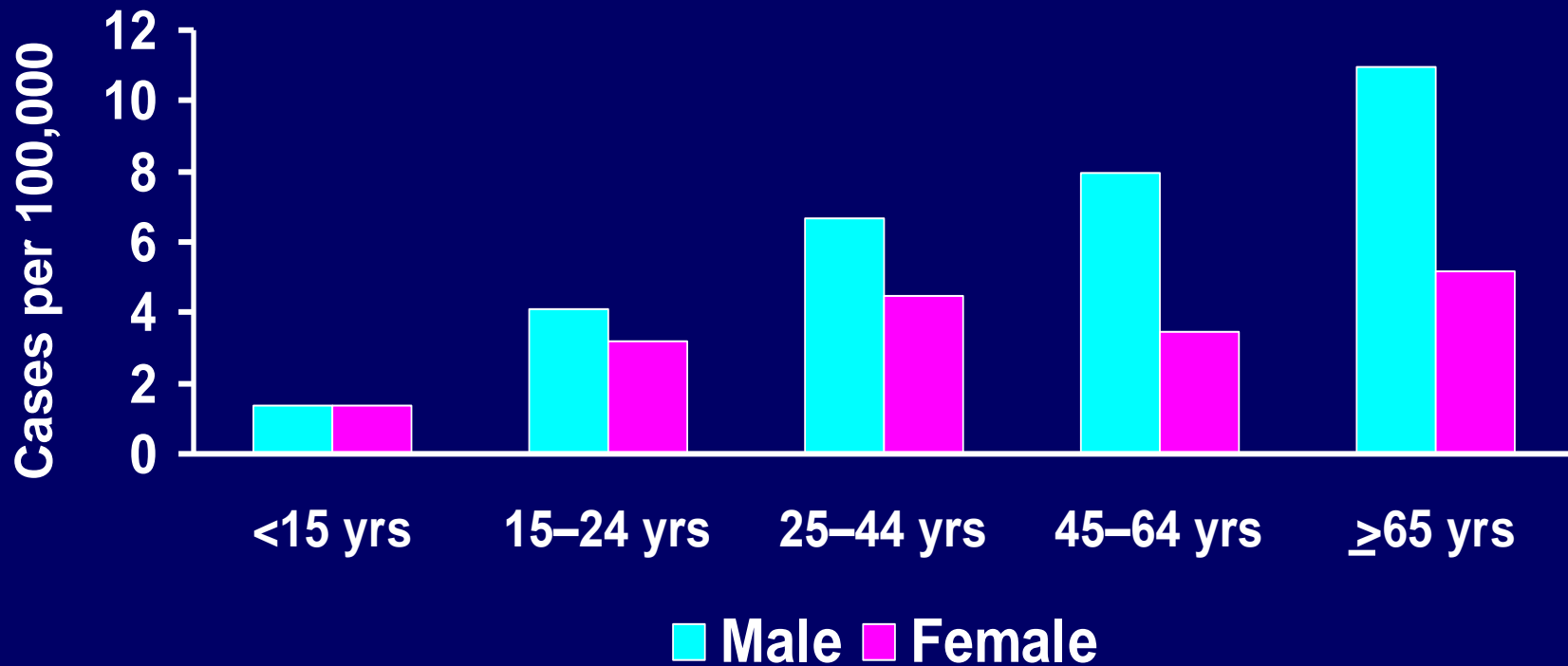
\*Updated as of March 29, 2006.



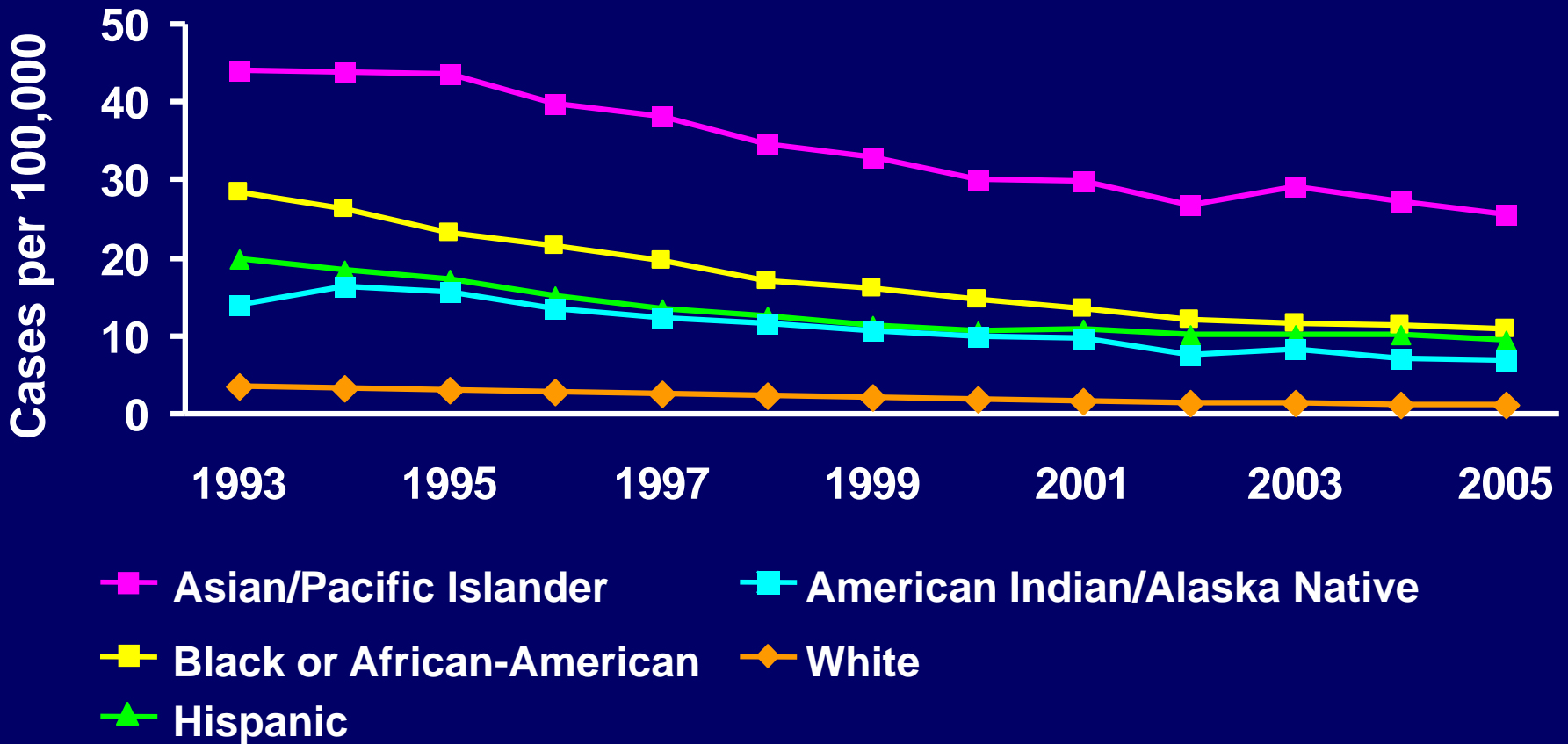
# Reported TB Cases by Age Group, United States, 2005



# TB Case Rates by Age Group and Sex, United States, 2005



# TB Case Rates by Race/Ethnicity\* United States, 1993–2005\*\*



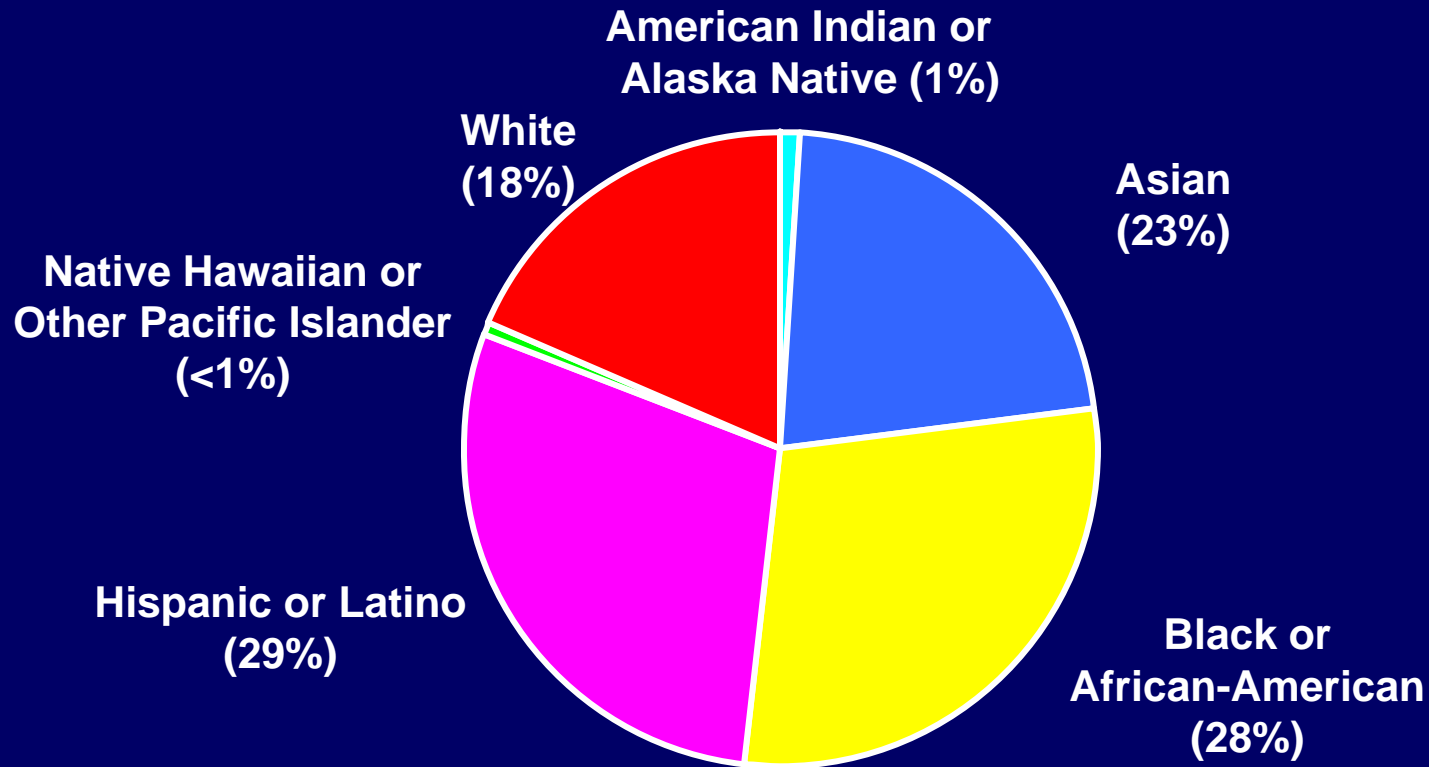
\*All races are non-Hispanic. In 2003, Asian/Pacific Islander category includes persons who reported race as Asian only and/or Native Hawaiian or Other Pacific Islander only.

\*\*Updated as of March 29, 2006.





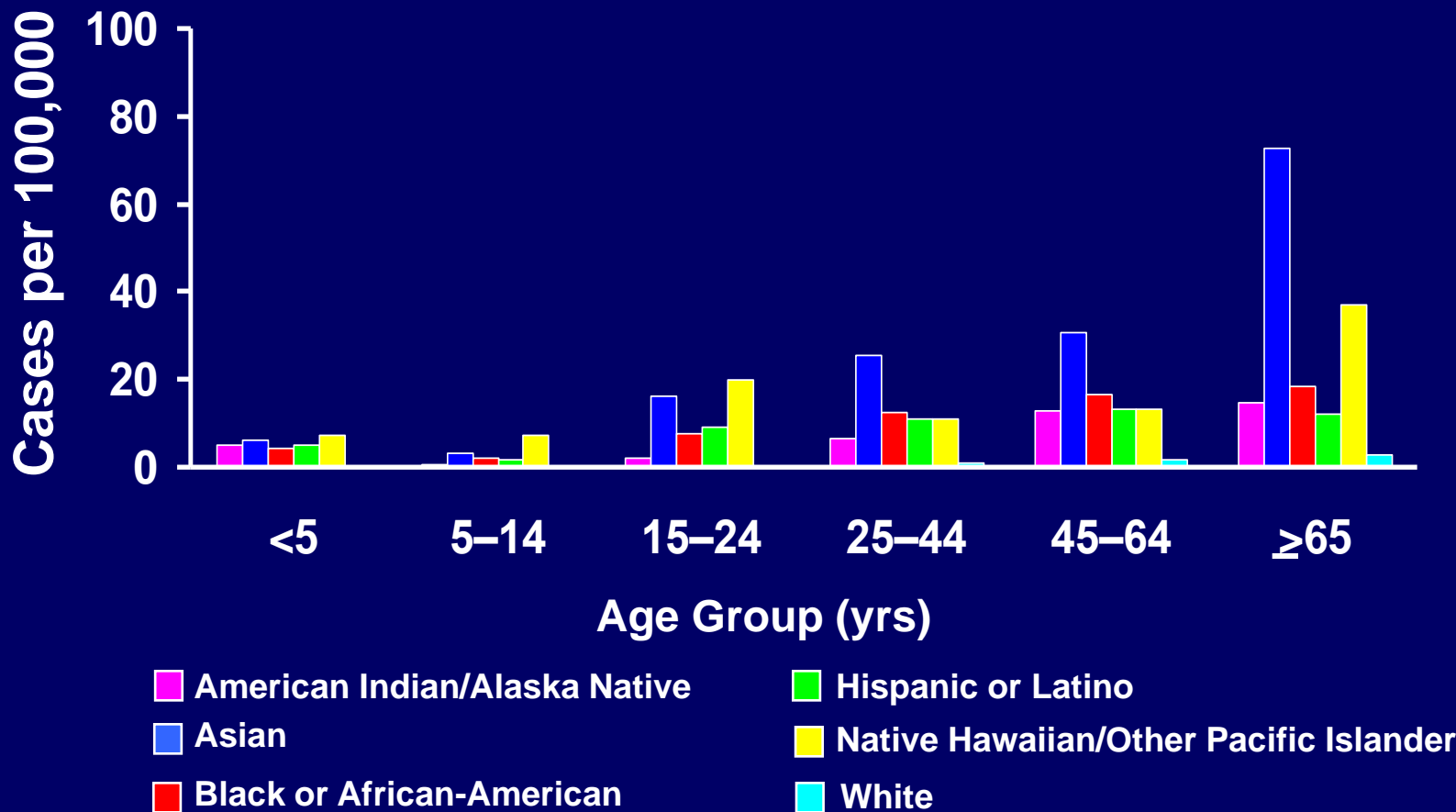
# Reported TB Cases by Race/Ethnicity\* United States, 2005



\* All races are non-Hispanic. Persons reporting two or more races accounted for less than 1% of all cases.



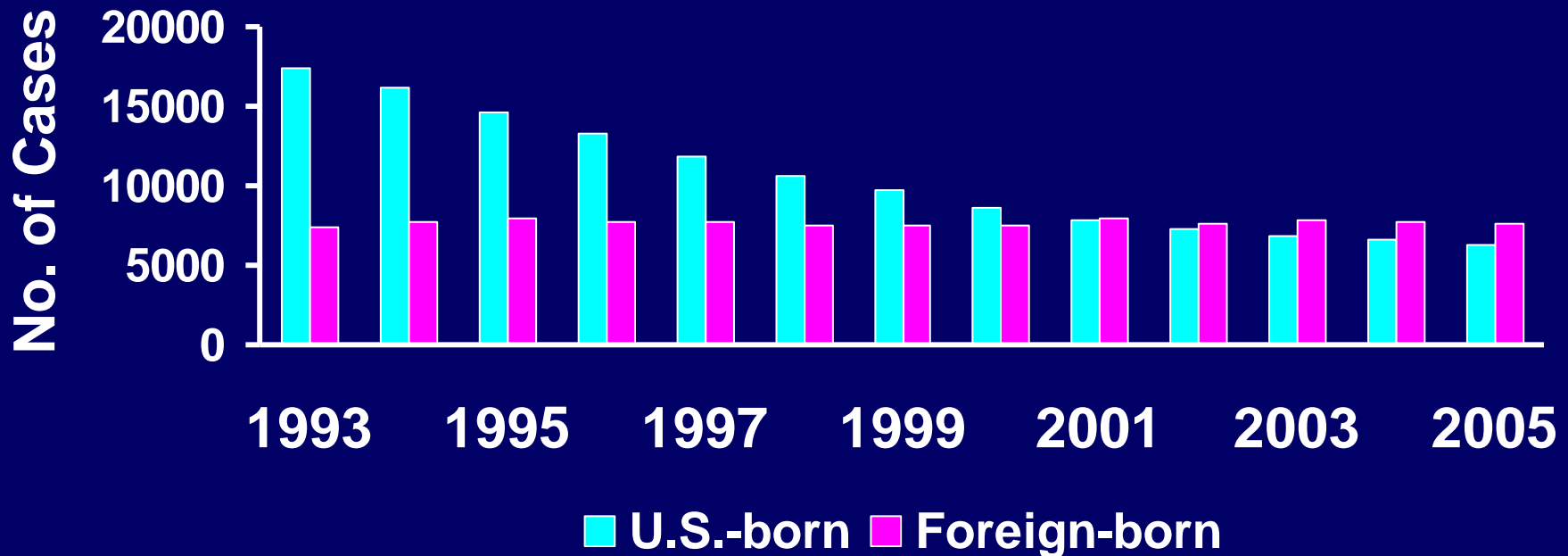
# TB Case Rates by Age Group and Race/Ethnicity,\* United States, 2005



\*All races are non-Hispanic. Persons reporting two or more races accounted for less than 1% of all cases.



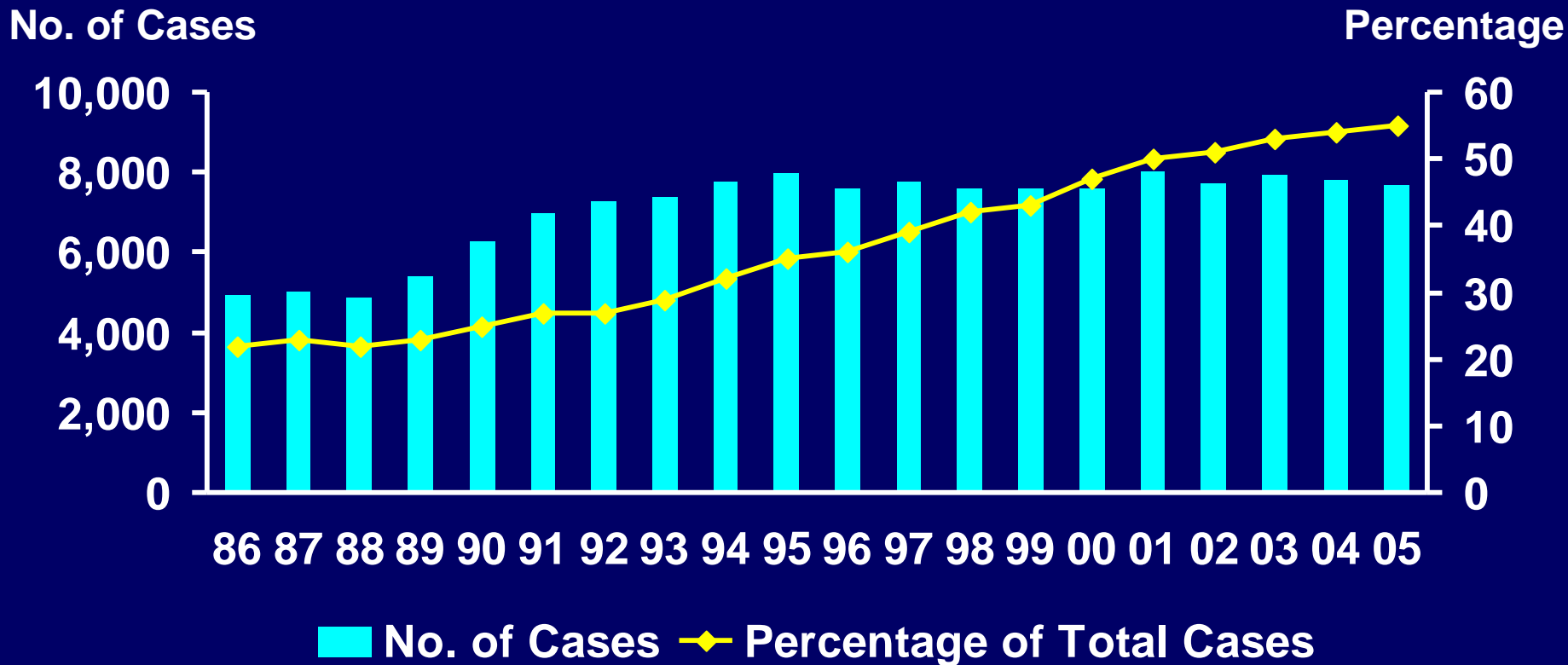
# Number of TB Cases in U.S.-born vs. Foreign-born Persons United States, 1993–2005\*



\*Updated as of March 29, 2006.



# Trends in TB Cases in Foreign-born Persons, United States, 1986–2005\*

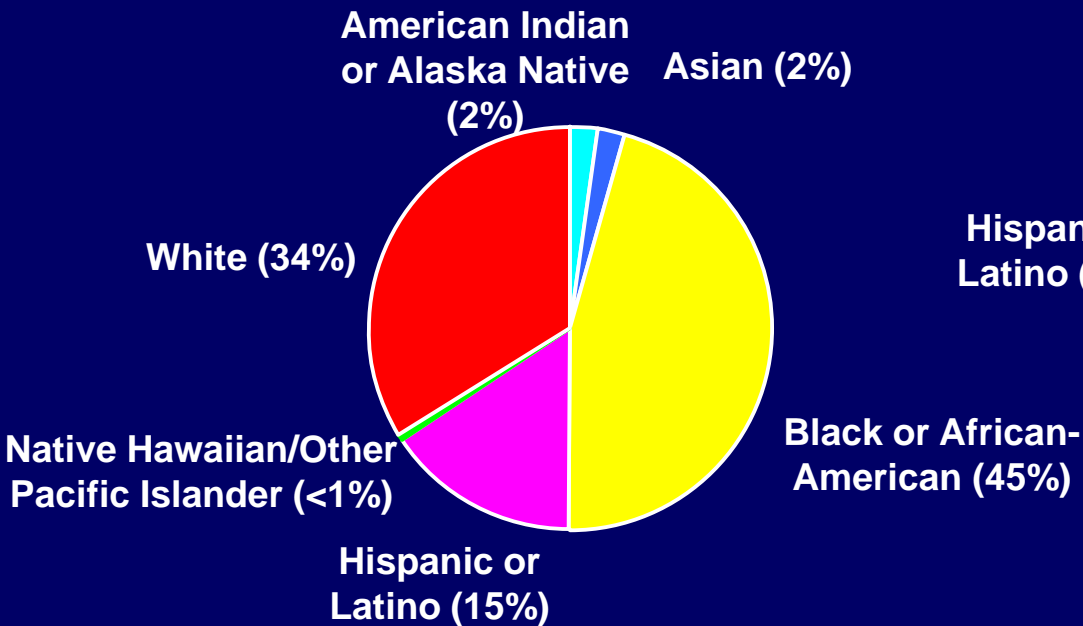


\*Updated as of March 29, 2006.

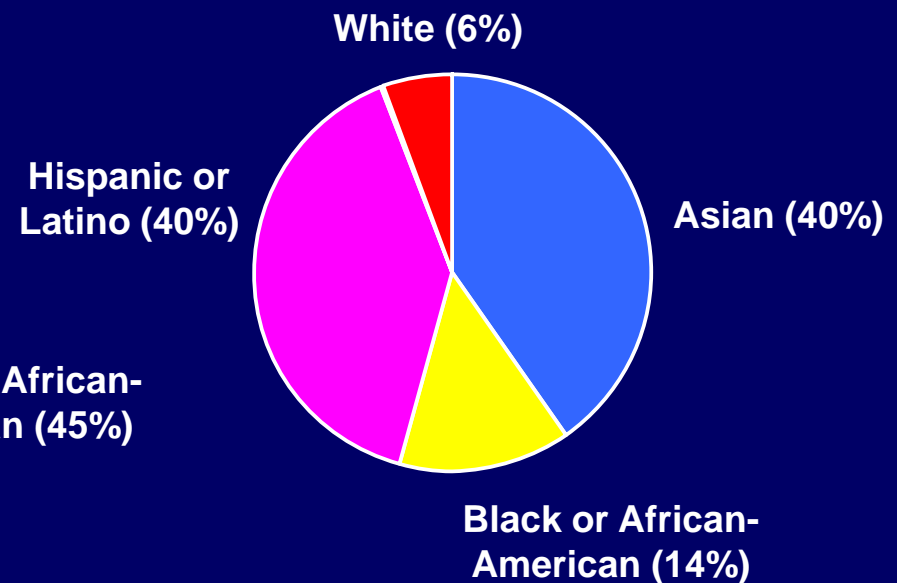


# Reported TB Cases by Origin and Race/Ethnicity,\* United States, 2005

## U.S.-born



## Foreign-born\*\*



\*All races are non-Hispanic. Persons reporting two or more races accounted for less than 1% of all cases.

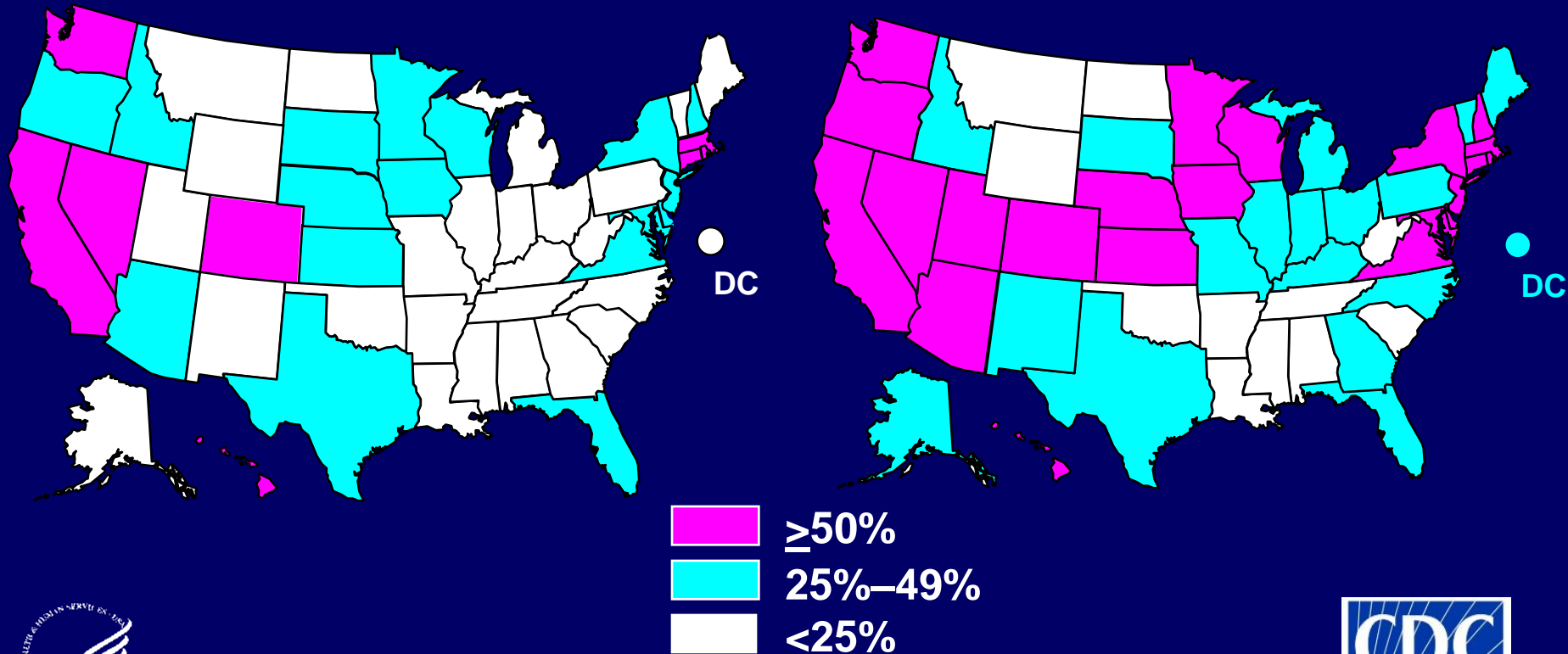
\*\*American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander accounted for less than 1% of foreign-born cases and are not shown.



# Percentage of TB Cases Among Foreign-born Persons, United States\*

1995

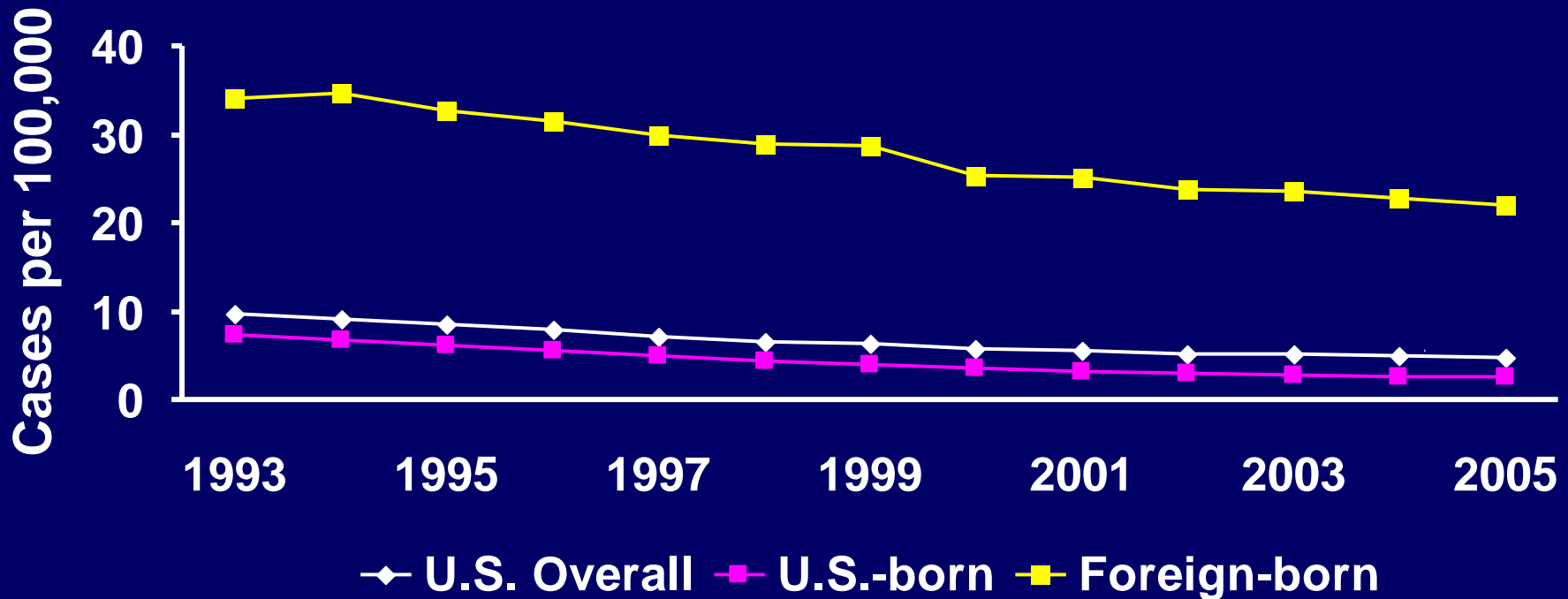
2005



\*Updated as of March 29, 2006.



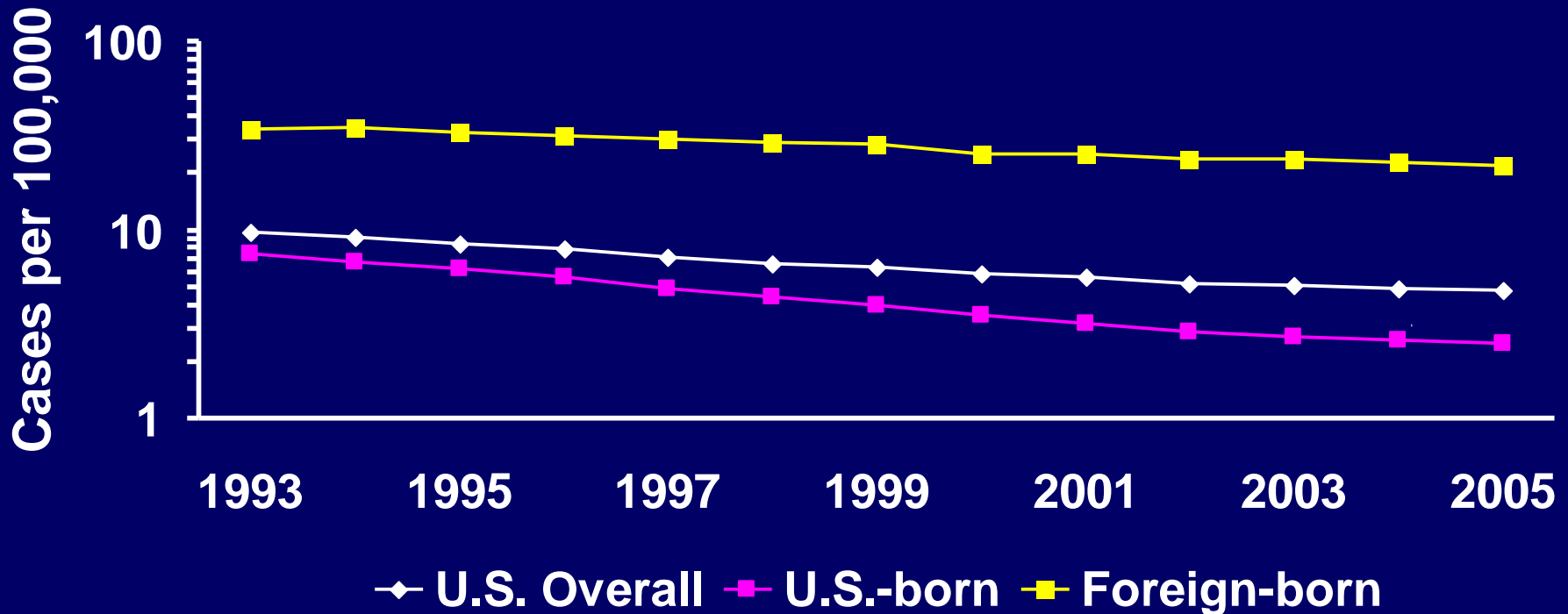
# TB Case Rates in U.S.-born vs. Foreign-born Persons United States, 1993–2005\*



\*Updated as of March 29, 2006.



# TB Case Rates in U.S.-born vs. Foreign-born Persons United States,\* 1993–2005\*\*



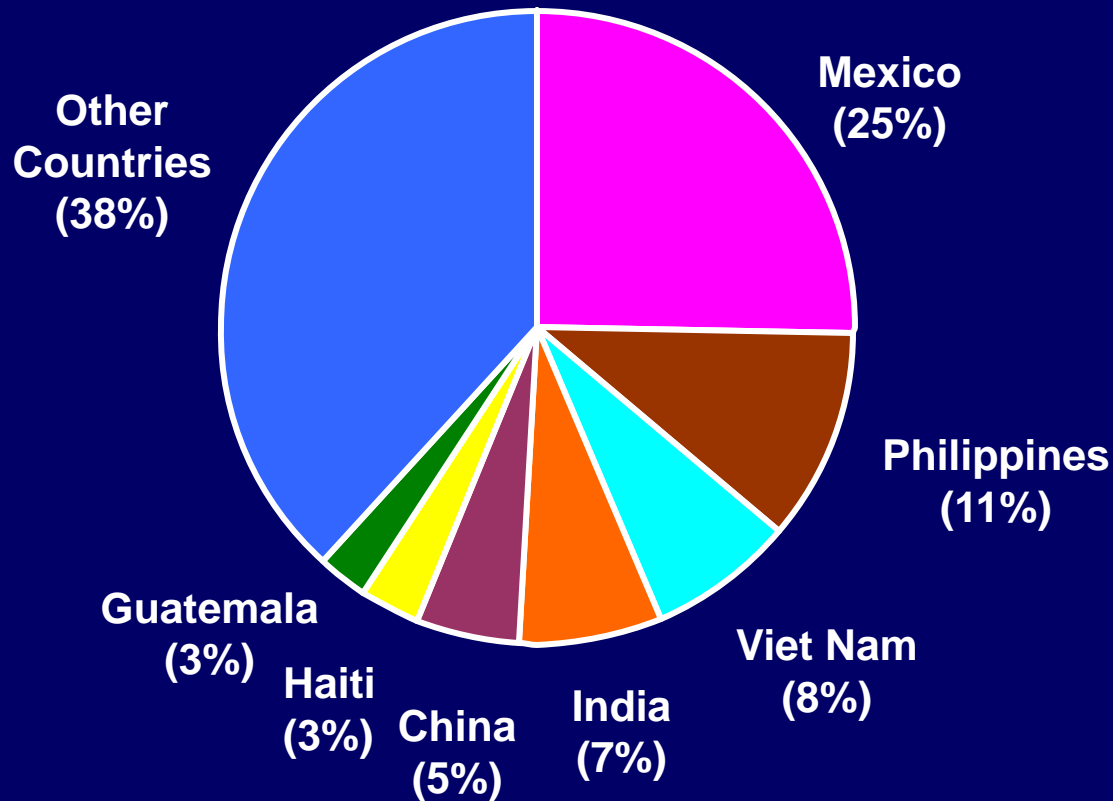
\*Includes the same data as slide 15, but rates presented on a logarithmic scale.

\*\*Updated as of March 29, 2006.

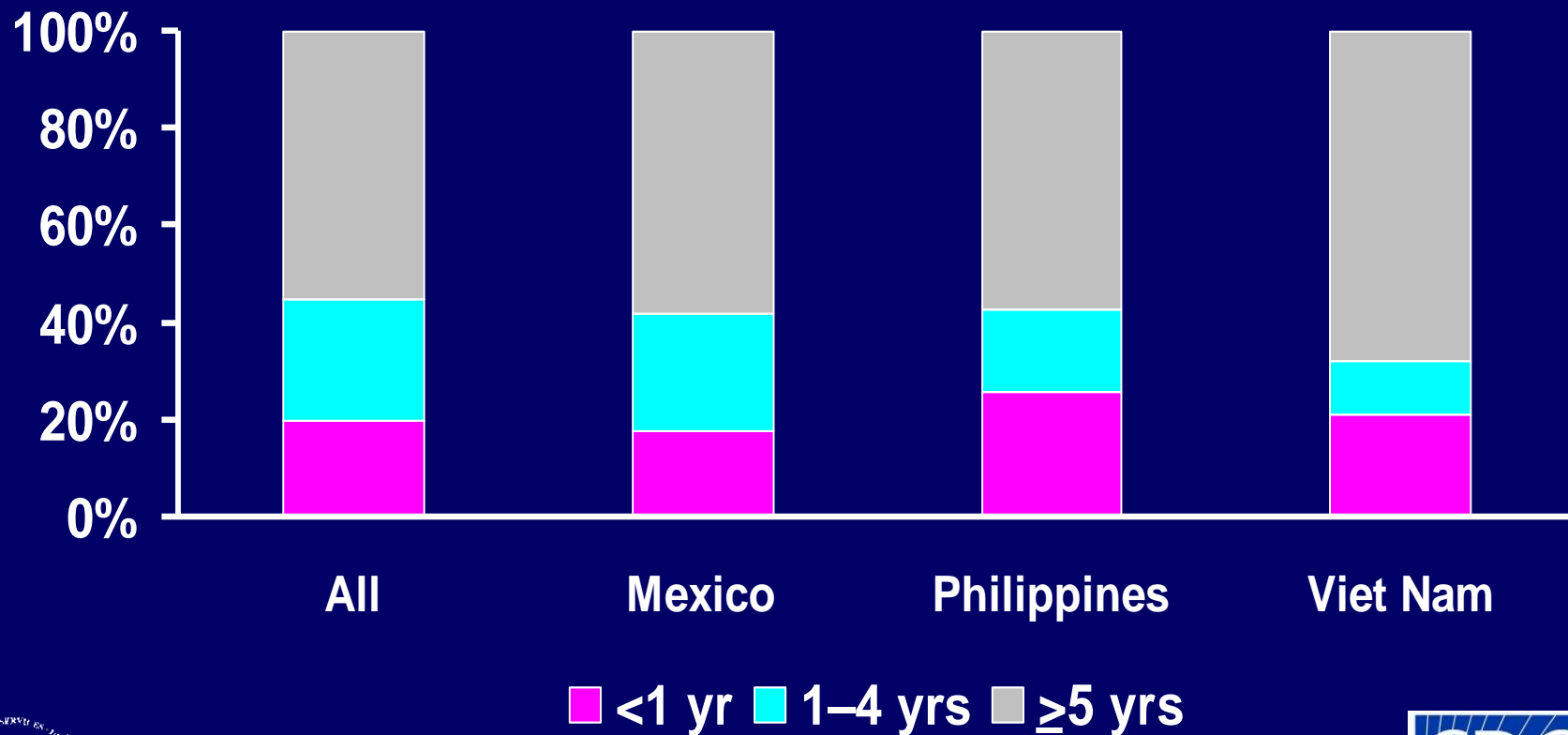




# Countries of Birth of Foreign-born Persons Reported with TB United States, 2005



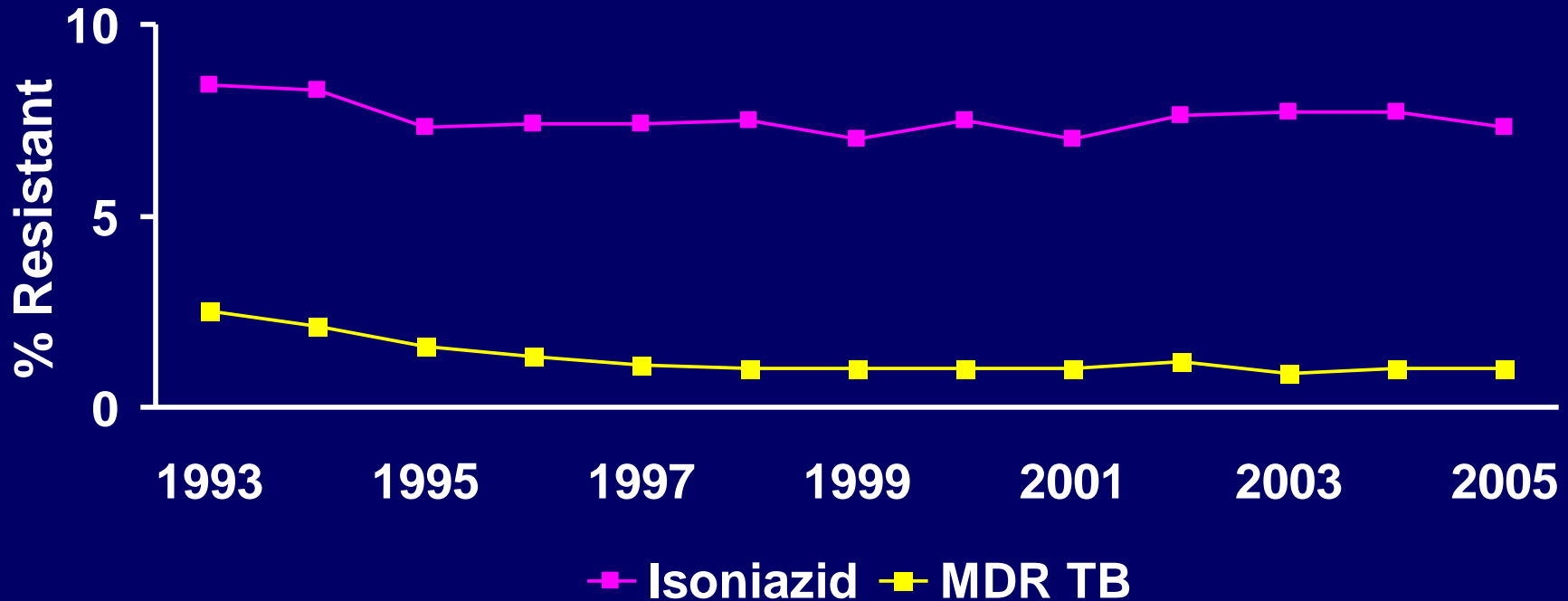
# Percent of Foreign-born with TB by Time of Residence in U.S. Prior to Diagnosis,\* 2005



\*Data exclude foreign-born TB patients for whom length of residence in the U.S. prior to diagnosis was unknown.



# Primary Anti-TB Drug Resistance United States, 1993–2005\*

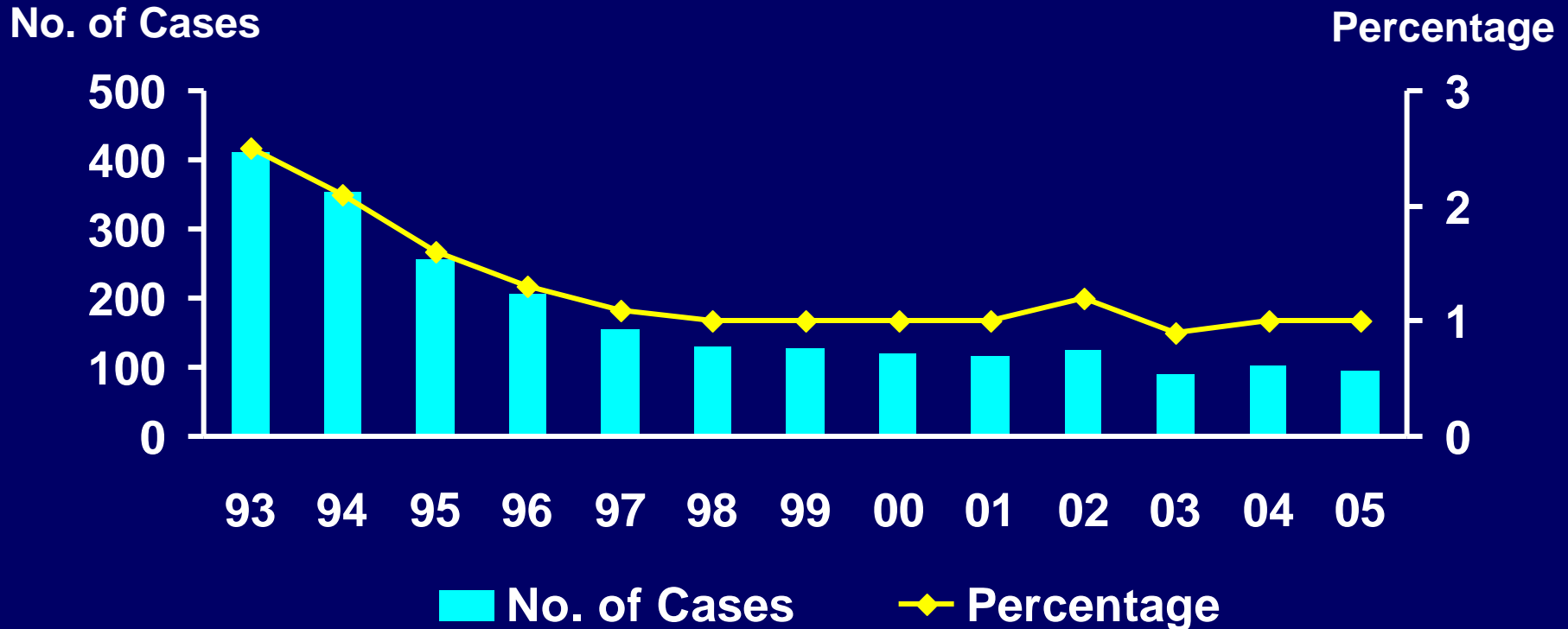


\*Updated as of March 29, 2006.

Note: Based on initial isolates from persons with no prior history of TB.  
MDR TB defined as resistance to at least isoniazid and rifampin.



# Primary MDR TB United States, 1993–2005\*

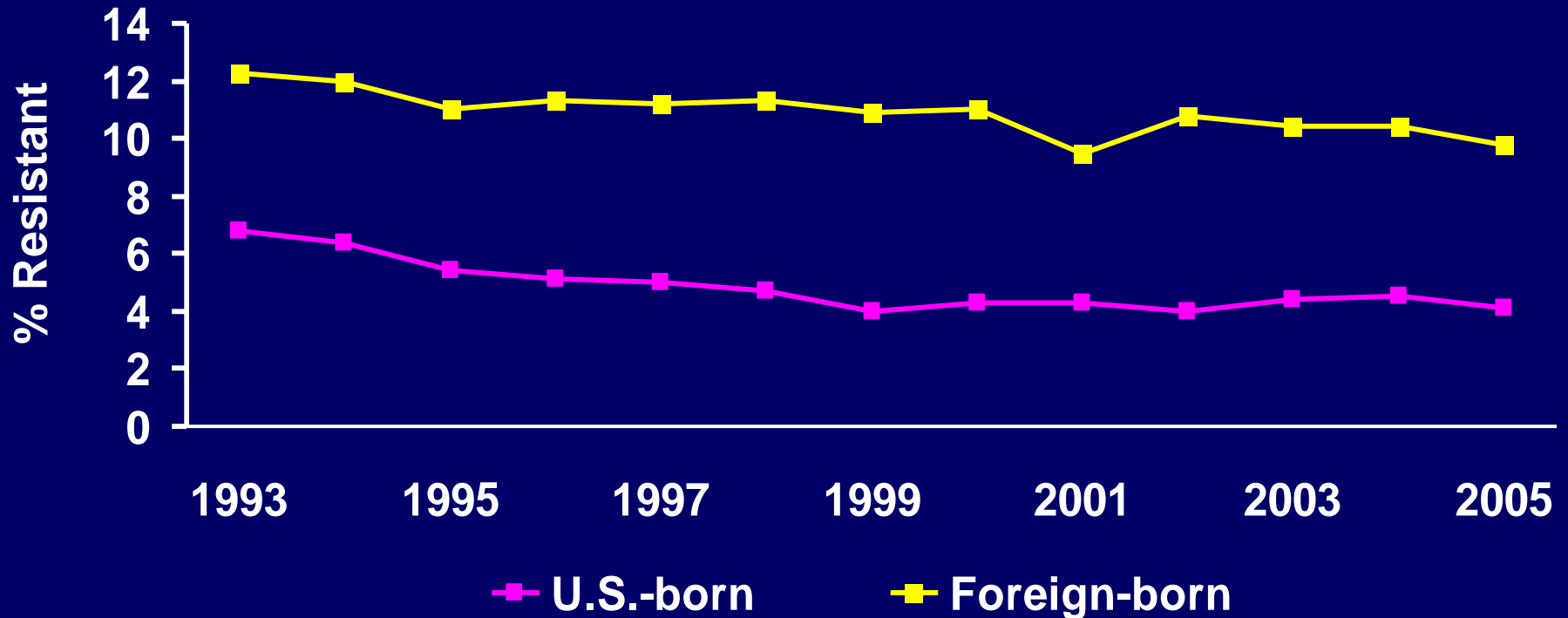


\*Updated as of March 29, 2006.

Note: Based on initial isolates from persons with no prior history of TB. MDR TB defined as resistance to at least isoniazid and rifampin.



# Primary Isoniazid Resistance in U.S.-born vs. Foreign-born Persons United States, 1993–2005\*

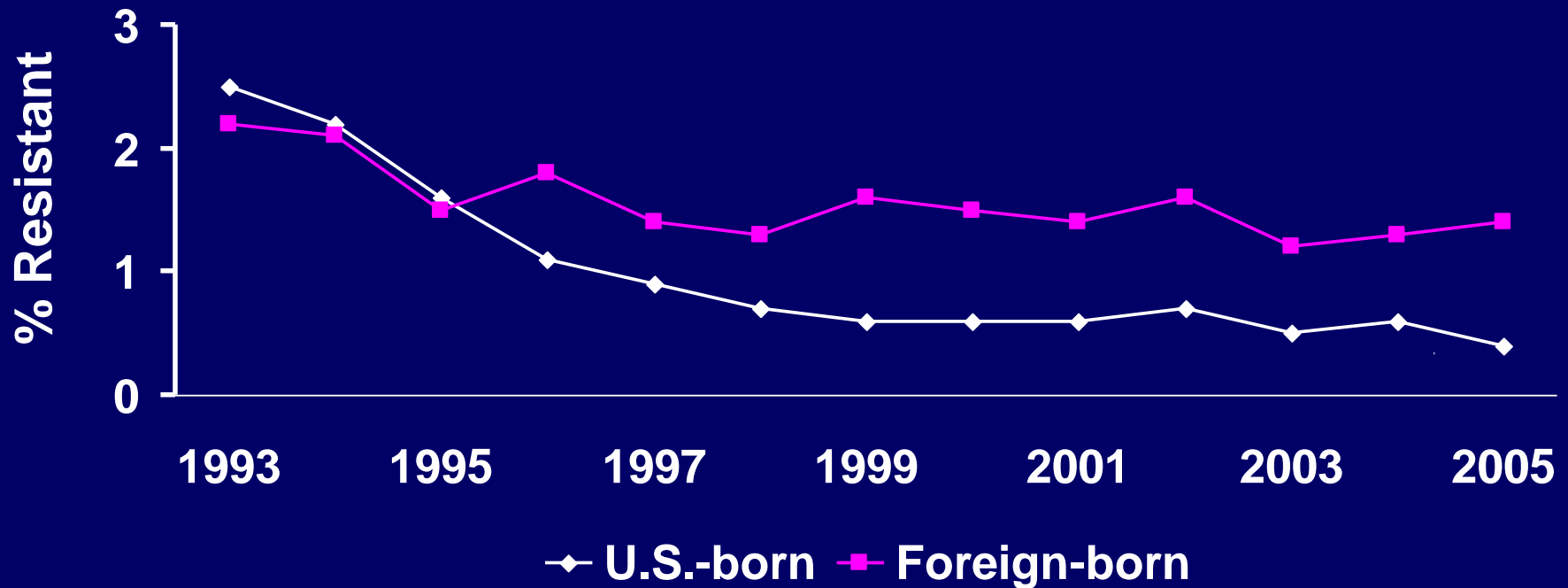


\*Updated as of March 29, 2006.

Note: Based on initial isolates from persons with no prior history of TB.



# Primary MDR TB in U.S.-born vs. Foreign-born Persons, United States, 1993–2005\*

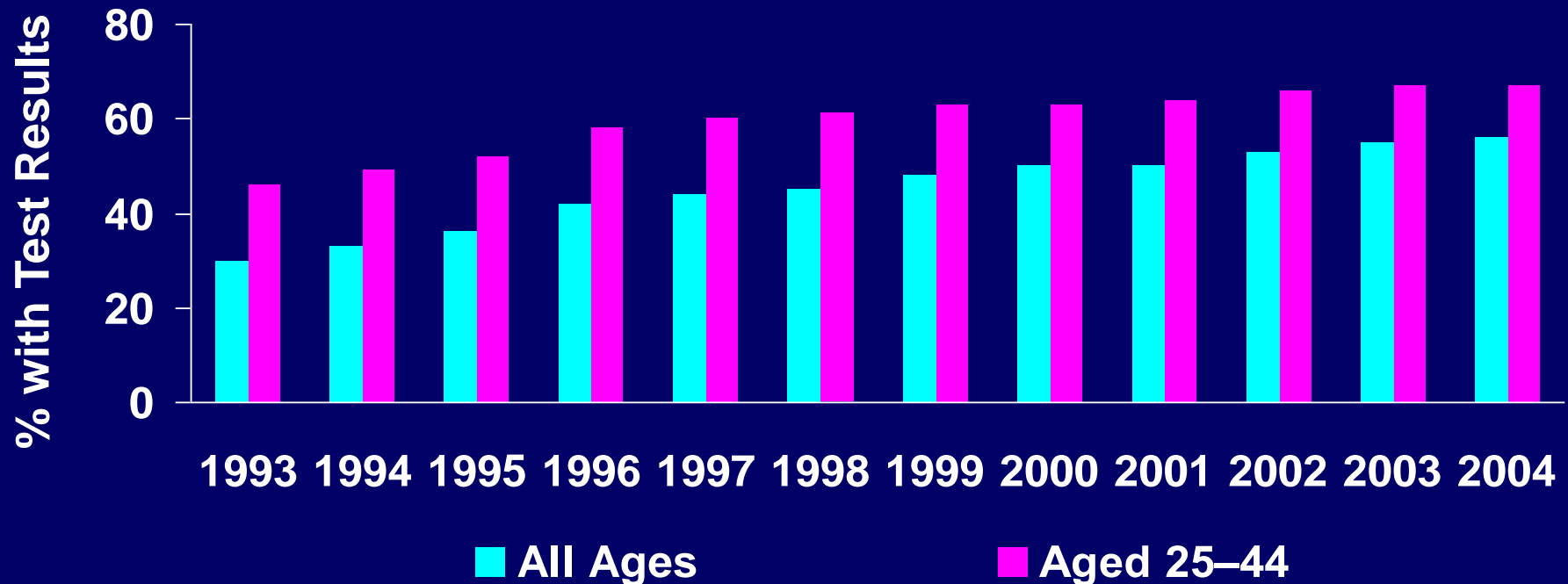


\*Updated as of March 29, 2006.

Note: Based on initial isolates from persons with no prior history of TB. MDR TB defined as resistance to at least isoniazid and rifampin.



# Reporting of HIV Test Results in Persons with TB by Age Group United States, 1993–2004\*

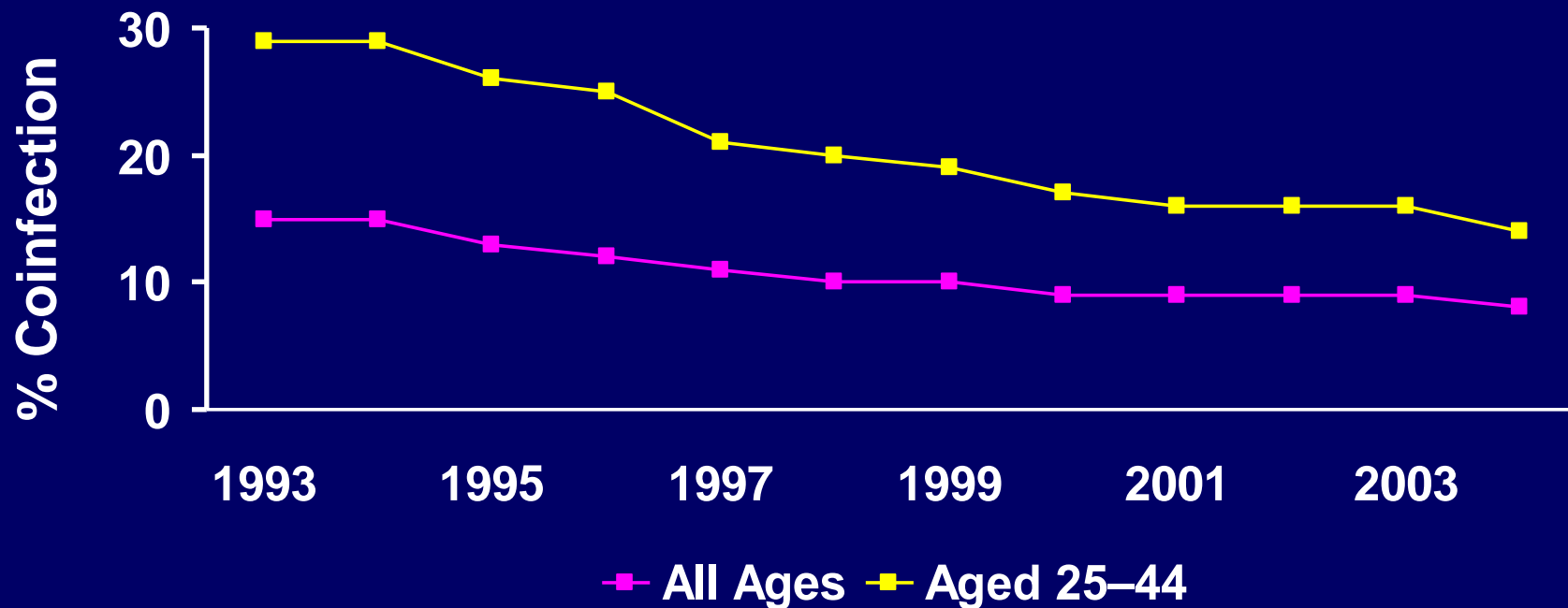


\*Updated as of March 29, 2006.

Note: Includes TB patients with positive, negative, or indeterminate HIV test results and persons from California reported with AIDS. (HIV test results are not reported from California)



# Estimated HIV Coinfection in Persons Reported with TB, United States, 1993–2004\*



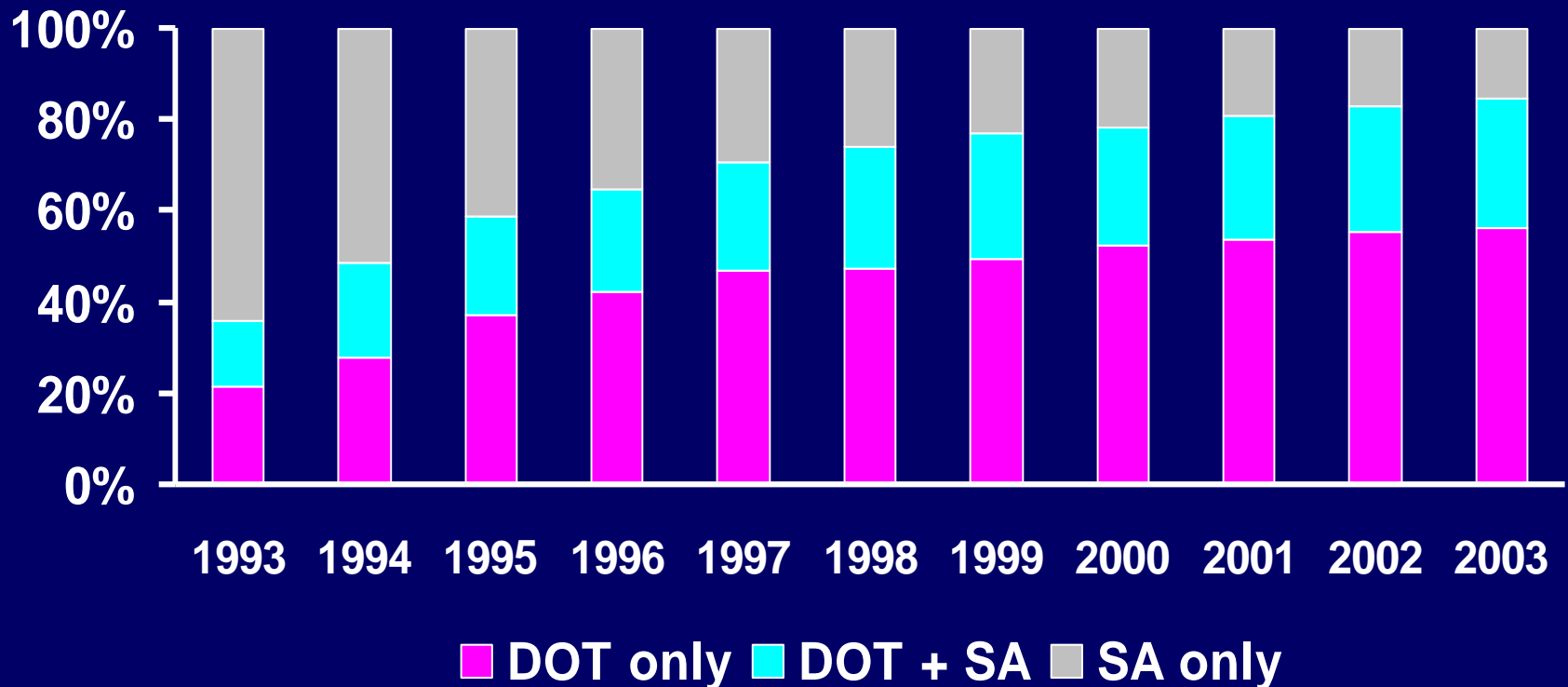
\*Updated as of March 29, 2006.

Note: Minimum estimates based on reported HIV-positive status among all TB cases in the age group.





# Mode of Treatment Administration in Persons Reported with TB United States, 1993–2003\*

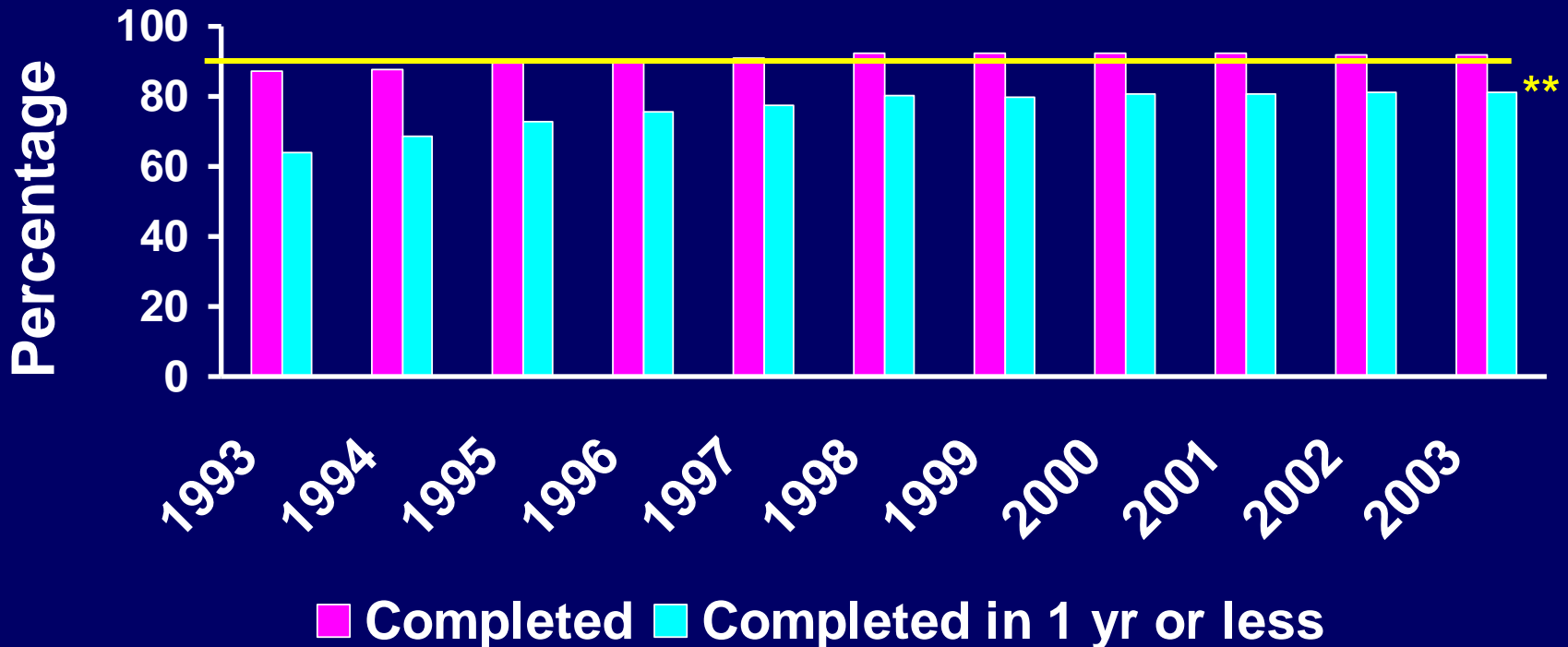


\*Updated as of March 29, 2006.

Directly observed therapy (DOT); Self-administered therapy (SA)



# Completion of TB Therapy United States, 1993–2003\*



\*Updated as of March 29, 2006.

\*\*Healthy People 2010 target: 90% completed in 1 yr or less.

Note: Persons with initial isolate resistant to rifampin and children under 15 years old with meningeal, bone or joint, or military disease excluded.

