



IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

Reportable Diseases and Conditions

Epidemiology Program

Bureau of Communicable Disease Prevention

Data are updated as of 10/01/2017

NOTE: This file is a subset of the original at www.epi.idaho.gov.

Background information and

vaccine preventable disease graphs not specific to children are included.

Most disease trends begin with data reported during calendar year 1987. Electronic disease case investigation data management began in 1987 with implementation of the National Electronic Telecommunications System for Surveillance (NETSS), later replaced by the National Notifiable Disease Surveillance System (NNDSS) in 2005.

Idaho incidence rates are calculated using population estimates published by the U.S. Census Bureau. Prior to 2005, annual rates were recalculated if the U.S. Census Bureau population estimates were revised. This practice has been discontinued and the population estimate used to calculate incidence rates are provided.

United States rates are from the most recent Centers for Disease Control and Prevention (CDC) publication *MMWR Summary of Notifiable Diseases, United States* (https://www.cdc.gov/mmwr/mmwr_nd/index.html).

Definitions and Methods

Incidence: The number of instances of illness commencing, or of persons falling ill, during a given period of time in a specific population.

Incidence rate: The rate at which new events occur in a population. The numerator is the number of new events that occur in a defined period (incidence); the denominator is the population at risk of experiencing the event during this period.

For data presented here, incidence rates represent the rate per 100,000 population. The following formula is used to calculate annual incidence rates:

$$\frac{\text{Number of cases of disease reported during the calendar year}}{\text{Number of persons living in Idaho during the calendar year}} \times 100,000$$

Annual incidence rates are not presented if disease incidence over the time period has generally been less than 5 cases per year.

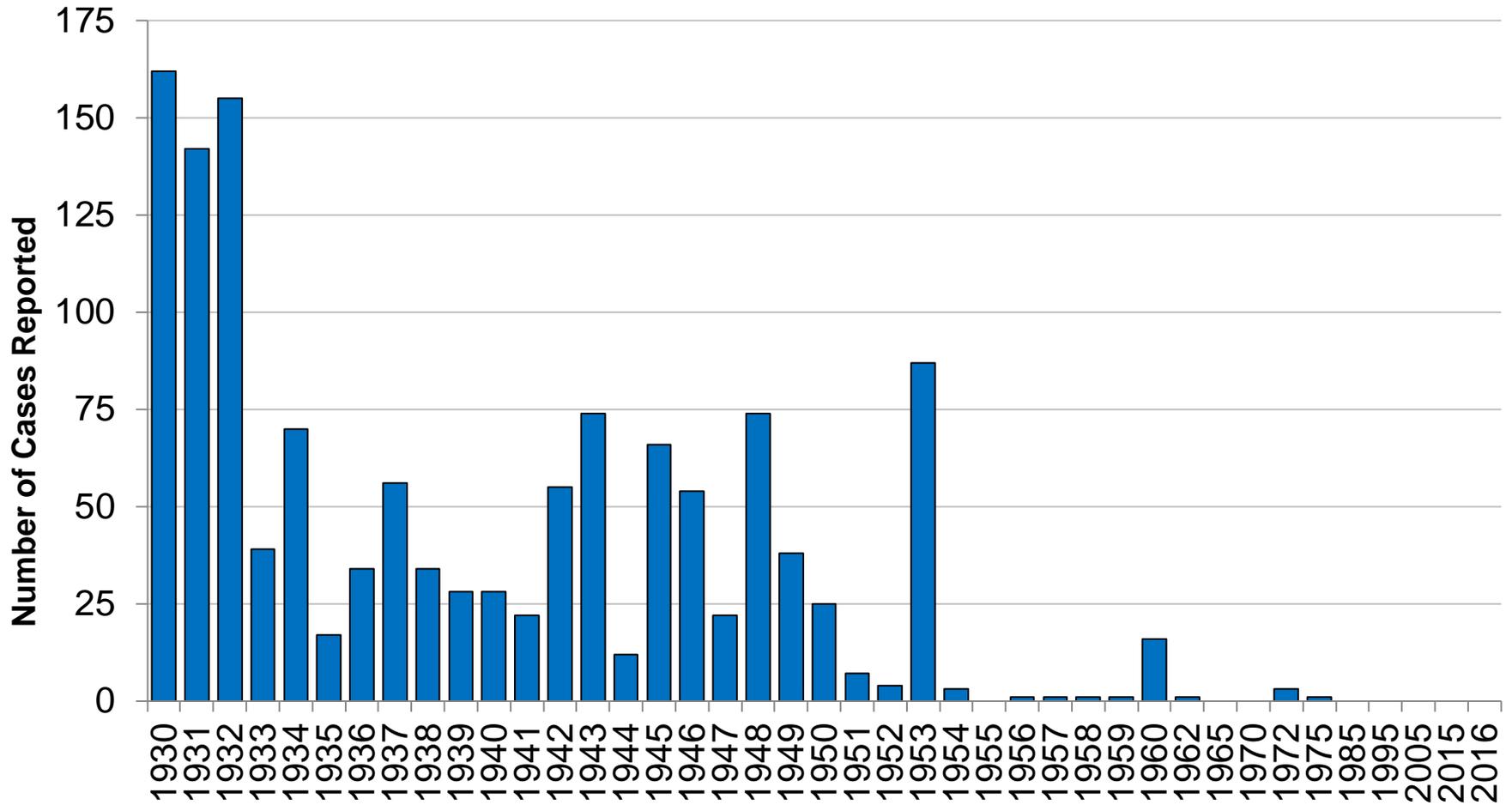
For annual statewide counts of disease (incidence) and by smaller geographic areas (e.g., county), please see the Annual Idaho Reportable Disease Summaries.

U.S. Census Bureau estimates for Idaho population used to calculate incidence rates

July 1, 1987: 984,997	July 1, 2002: 1,341,131
July 1, 1988: 985,664	July 1, 2003: 1,366,332
July 1, 1989: 994,416	July 1, 2004: 1,393,262
July 1, 1990: 1,006,734	July 1, 2005: 1,407,060
July 1, 1991: 1,011,882	July 1, 2006: 1,428,666
July 1, 1992: 1,038,915	July 1, 2007: 1,450,503
July 1, 1993: 1,066,490	July 1, 2008: 1,523,816
July 1, 1994: 1,101,204	July 1, 2009: 1,545,801
July 1, 1995: 1,165,000	July 1, 2010: 1,567,582
July 1, 1996: 1,187,706	July 1, 2011: 1,584,985
July 1, 1997: 1,210,638	July 1, 2012: 1,595,728
July 1, 1998: 1,230,923	July 1, 2013: 1,612,136
July 1, 1999: 1,251,700	July 1, 2014: 1,634,464
July 1, 2000: 1,299,721	July 1, 2015: 1,654,930
July 1, 2001: 1,320,585	July 1, 2016: 1,683,140

Diphtheria

Cases: Idaho, 1930 - 2016

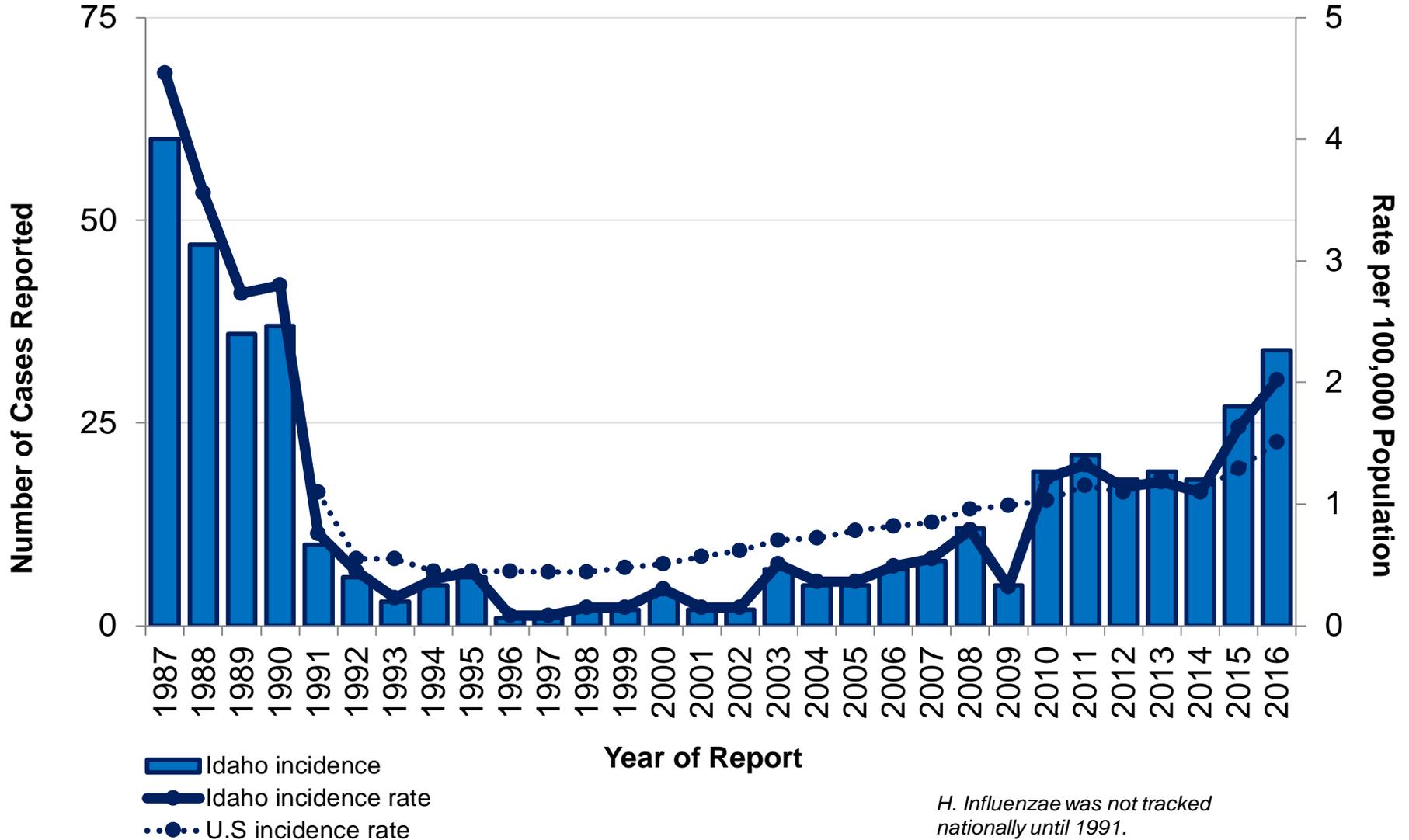


Year of Report

Data are non-sequential. Years with no cases are not always shown.

Haemophilus influenzae invasive disease

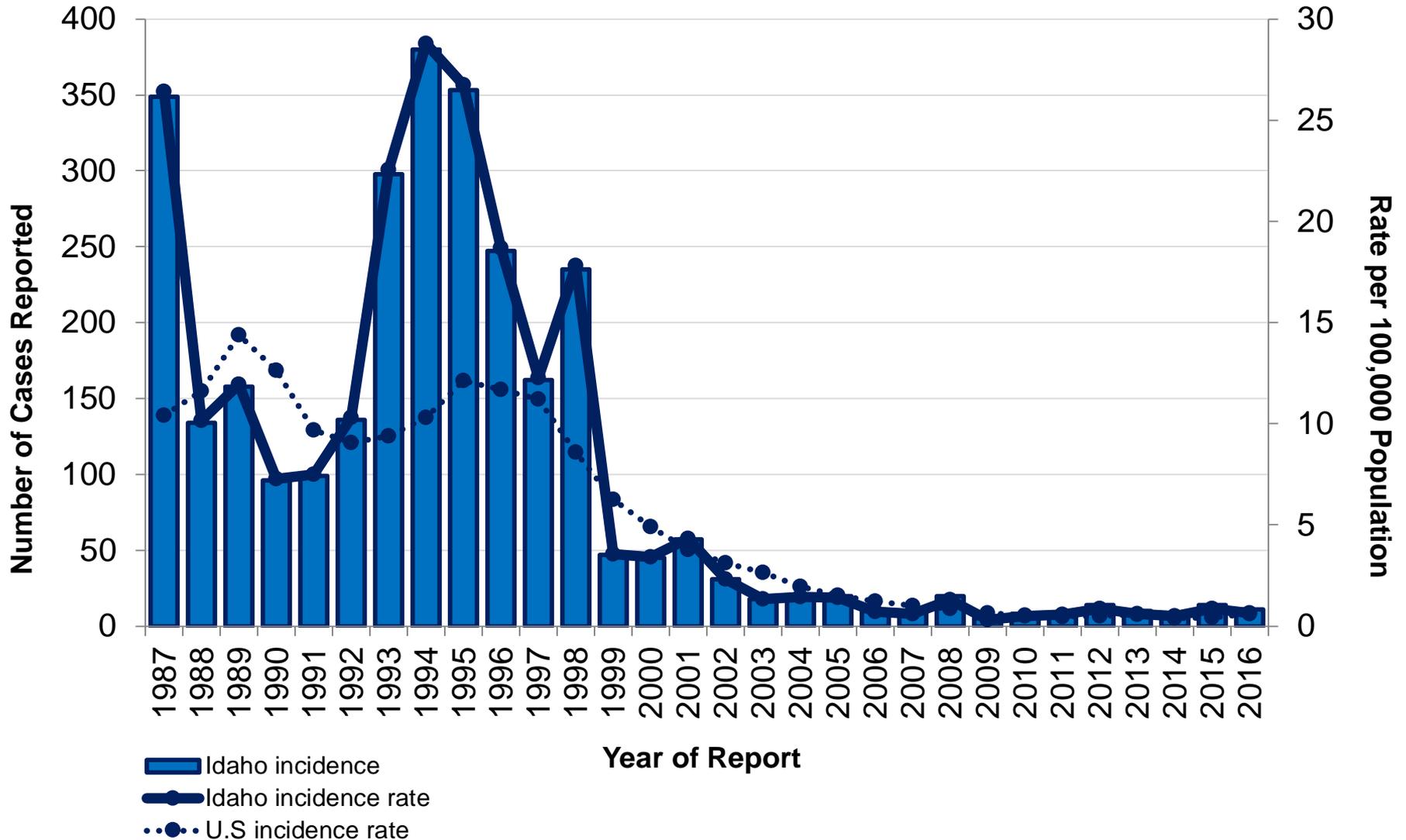
Cases and rate of disease per 100,000 population: Idaho and U.S, 1987 – 2016



H. influenzae was not tracked nationally until 1991.

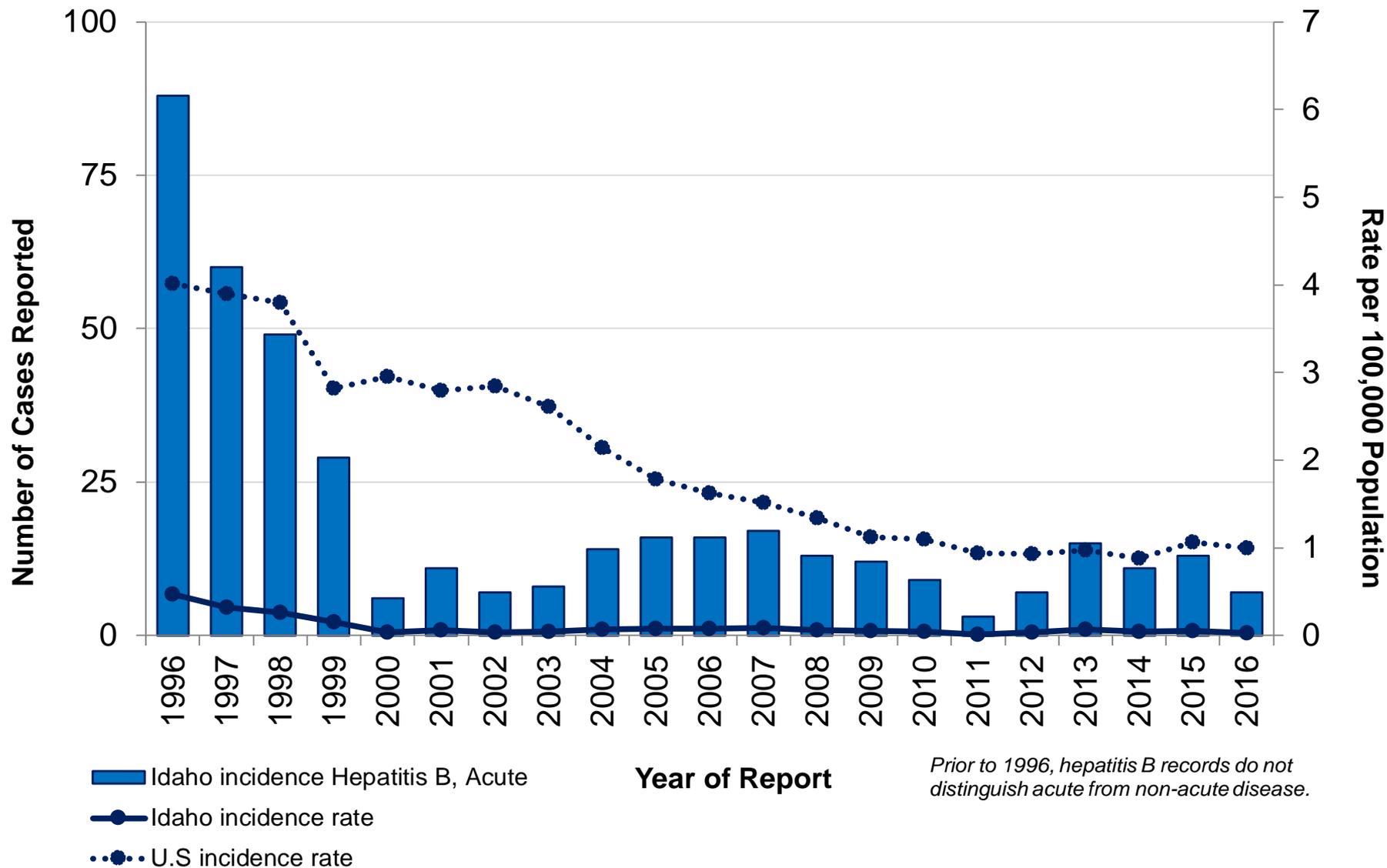
Hepatitis A

Cases and rate of disease per 100,000 population: Idaho and U.S, 1987 – 2016



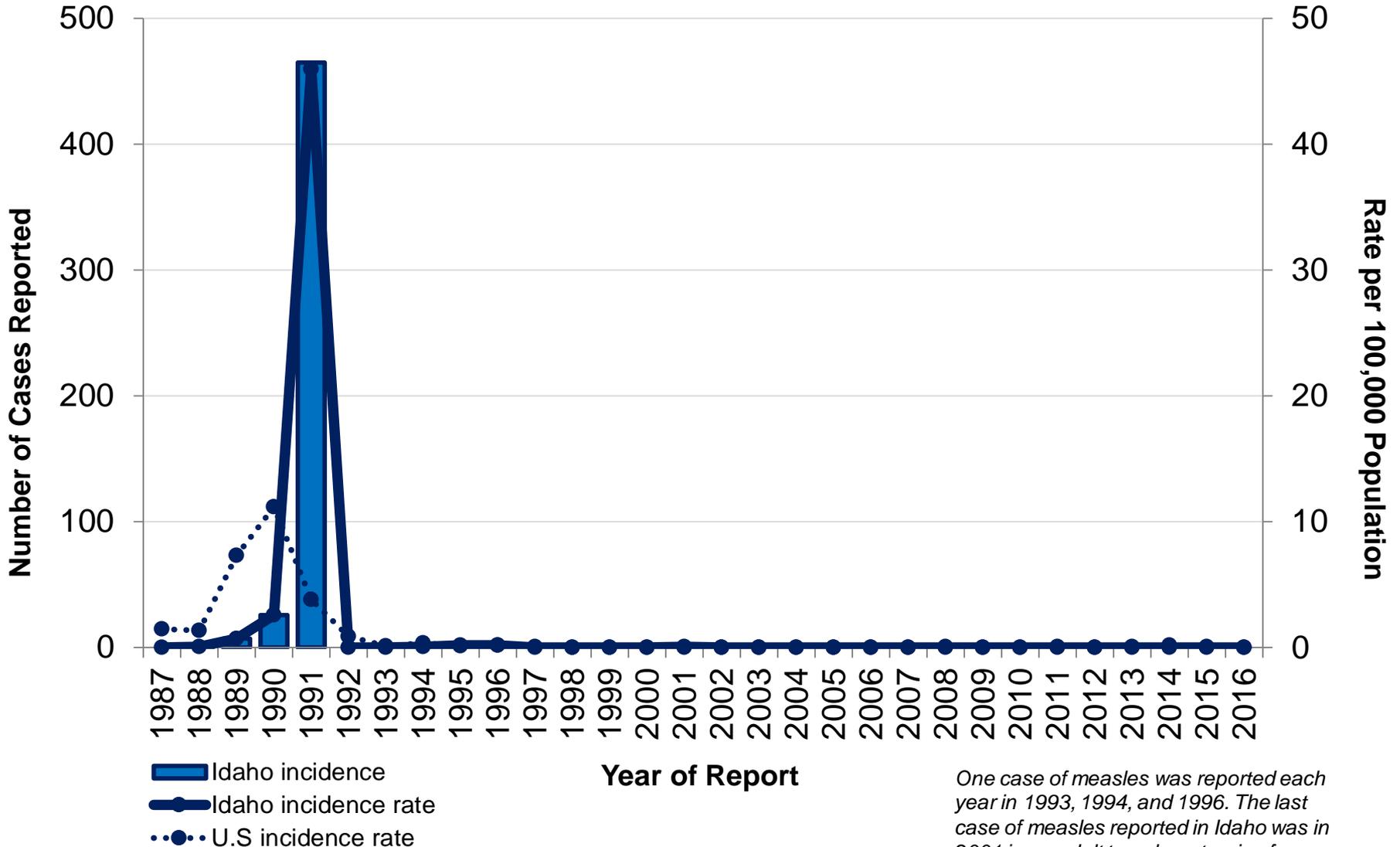
Hepatitis B, Acute

Cases and rate of disease per 100,000 population: Idaho and U.S, 1996 – 2016



Measles

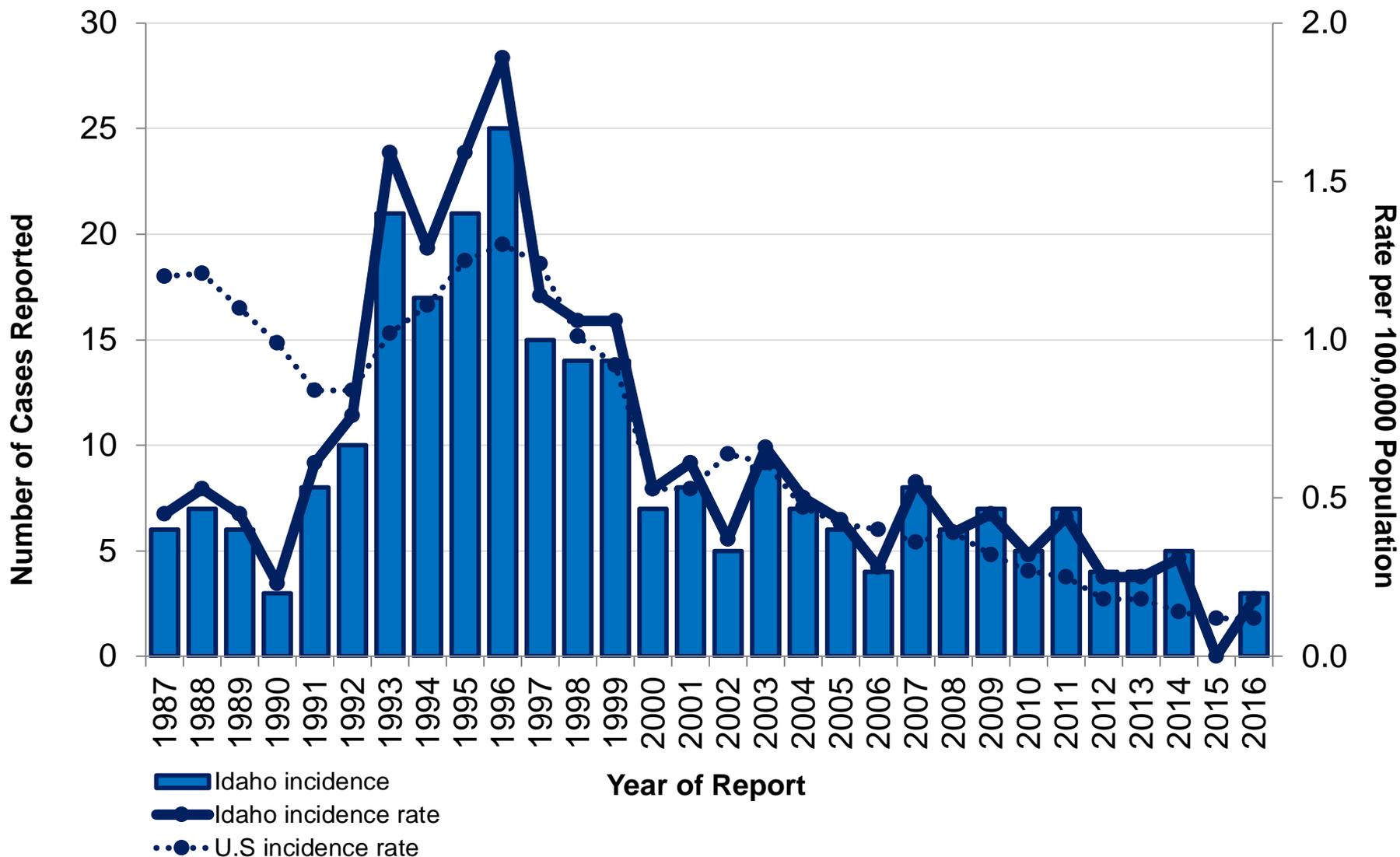
Cases and rate of disease per 100,000 population: Idaho and U.S, 1987 – 2016



One case of measles was reported each year in 1993, 1994, and 1996. The last case of measles reported in Idaho was in 2001 in an adult traveler returning from Korea.

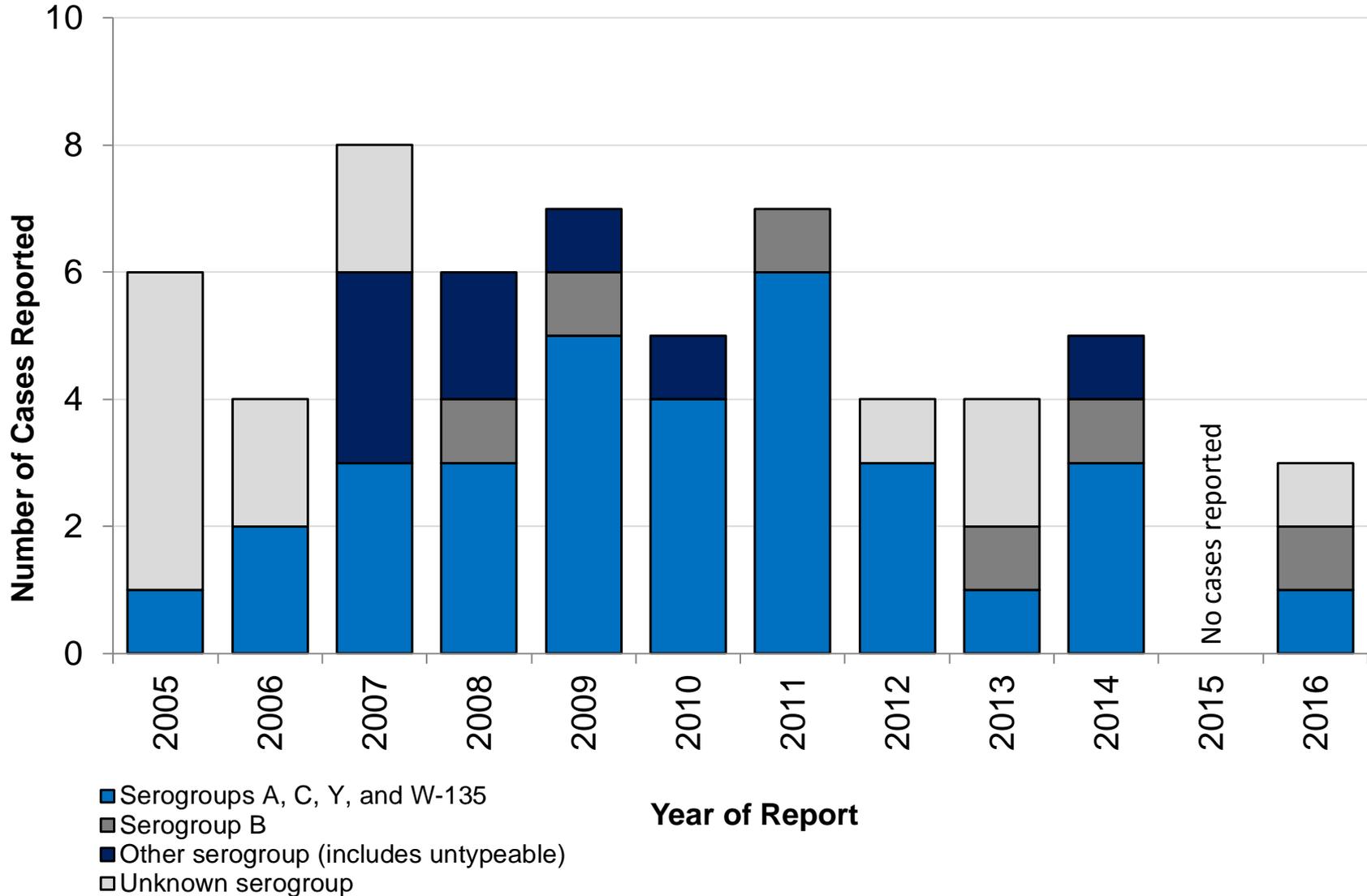
Meningococcal disease, invasive

Cases and rate of disease per 100,000 population: Idaho and U.S, 1987 – 2016



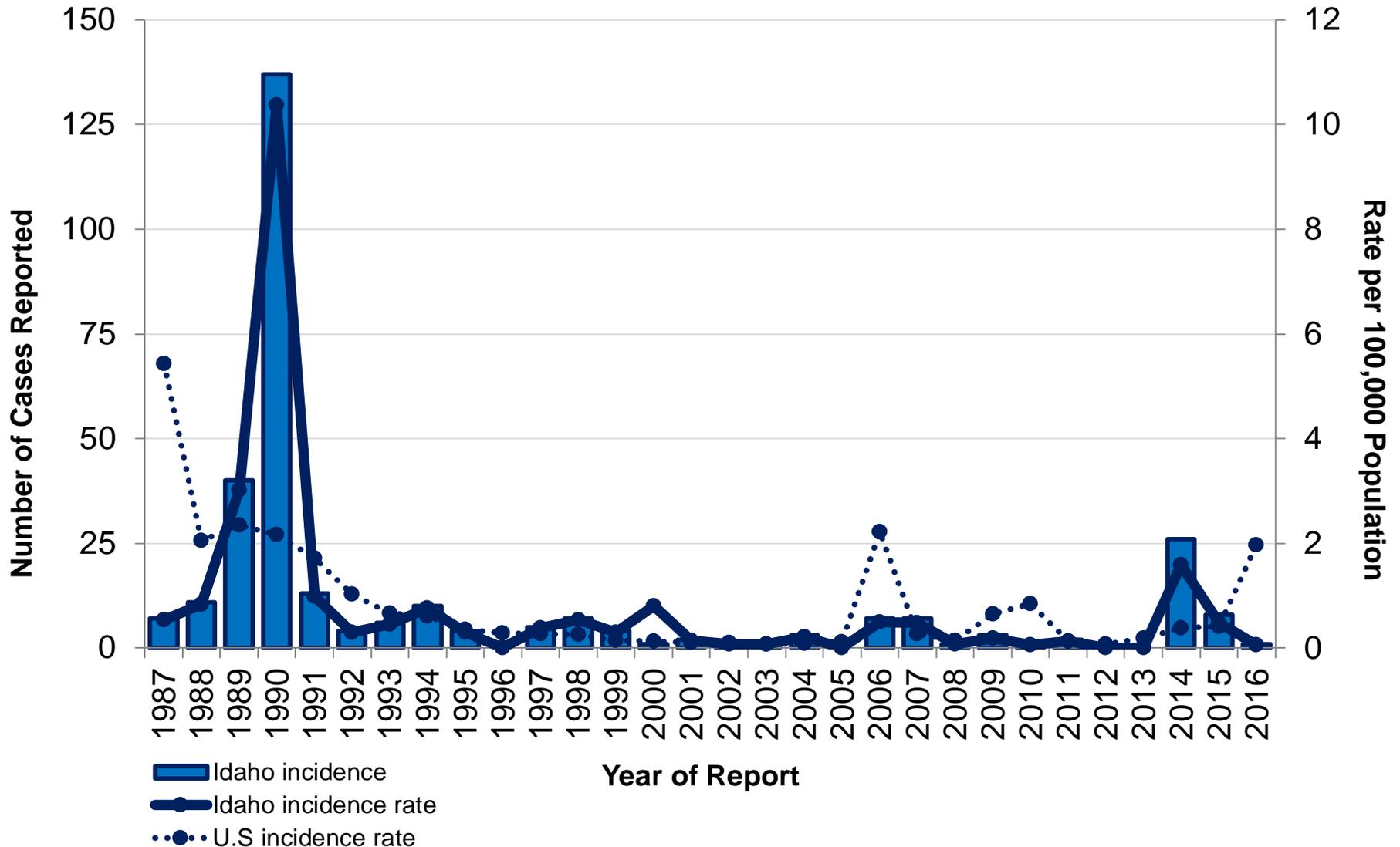
Neisseria meningitidis, invasive disease

Cases by serogroup: Idaho, 2005 – 2016



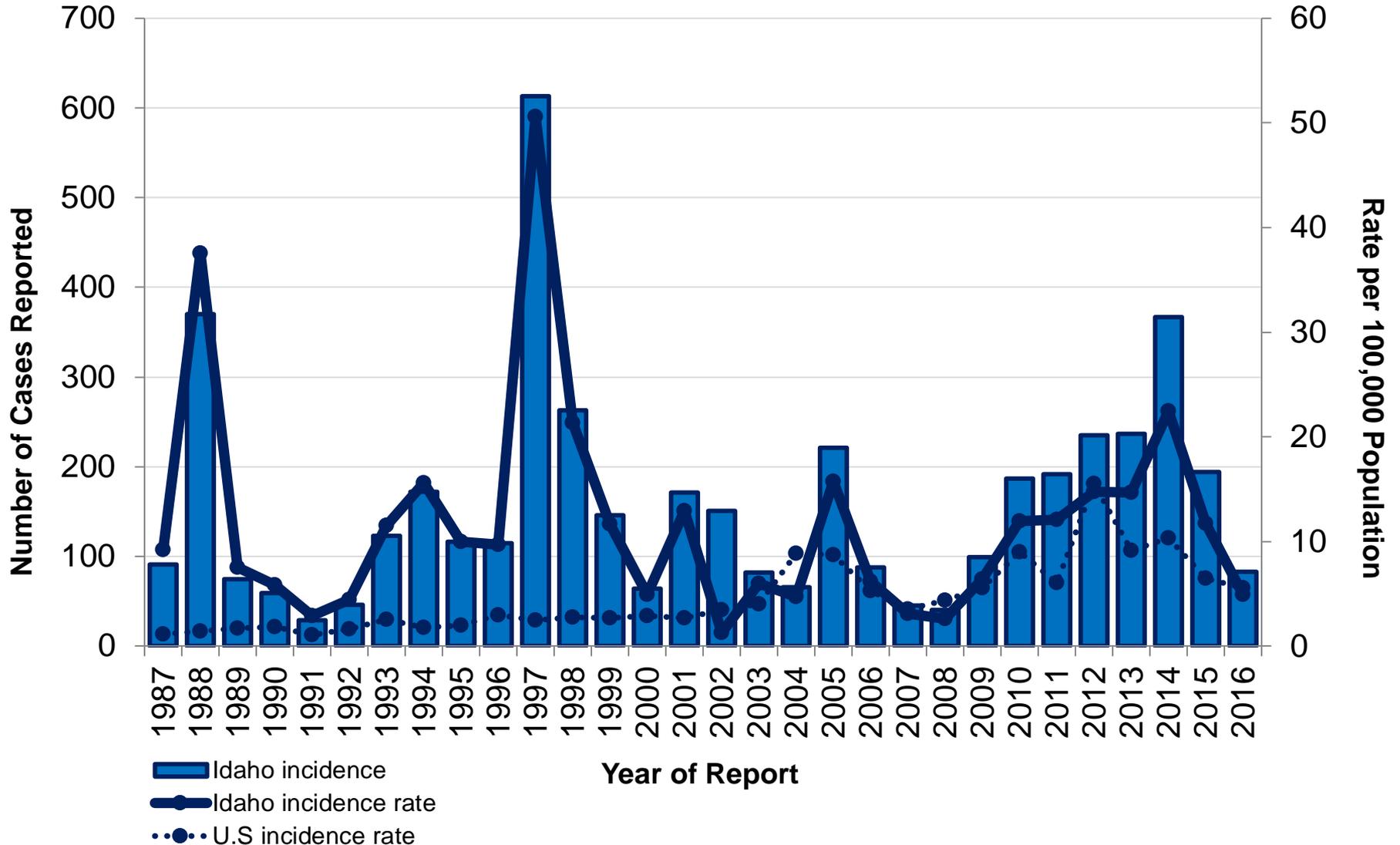
Mumps

Cases and rate of disease per 100,000 population: Idaho and U.S, 1987 – 2016



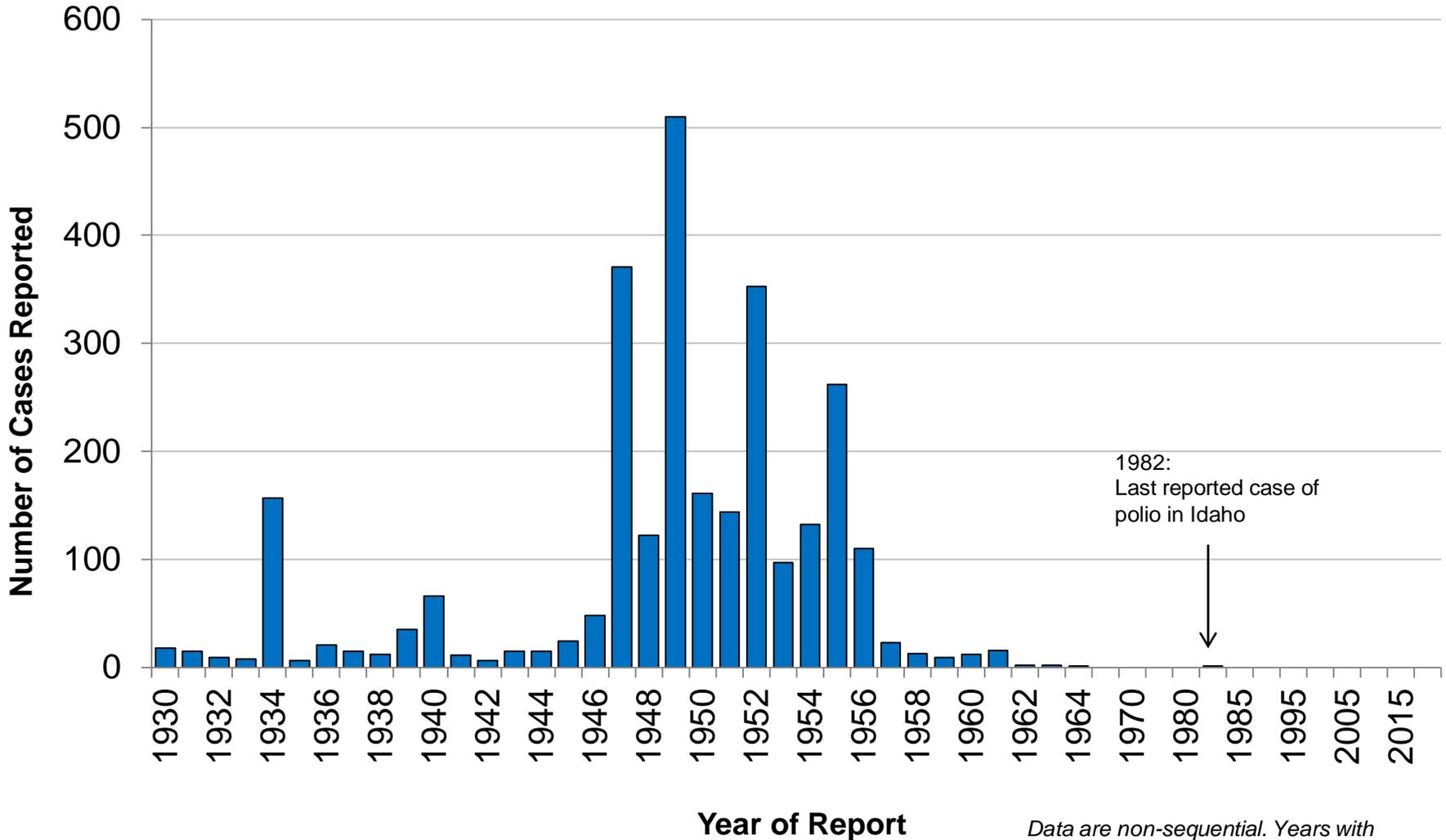
Pertussis

Cases and rate of disease per 100,000 population: Idaho and U.S, 1987 – 2016



Polio

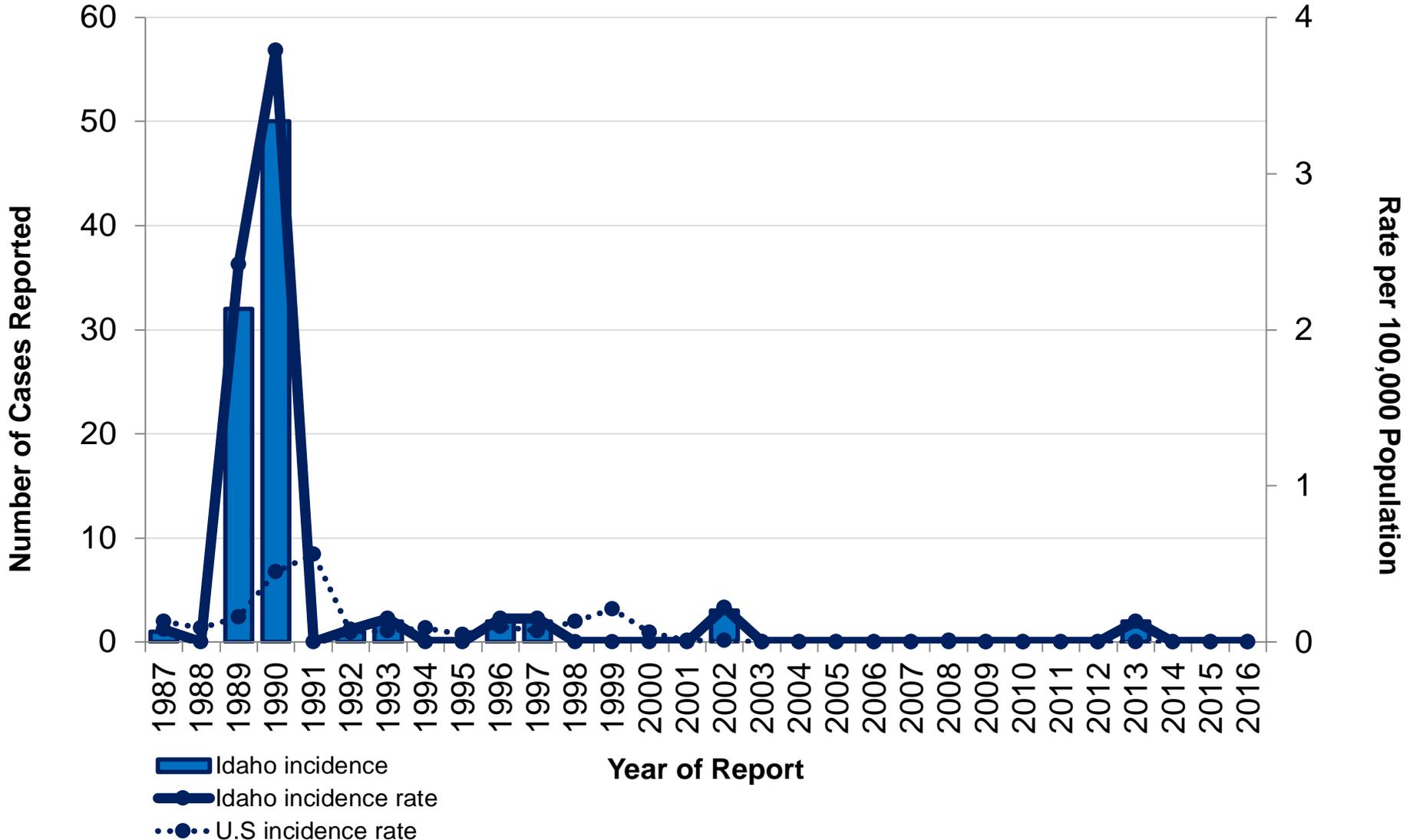
Cases: Idaho, 1930 – 2016



Data are non-sequential. Years with no cases are not always shown.

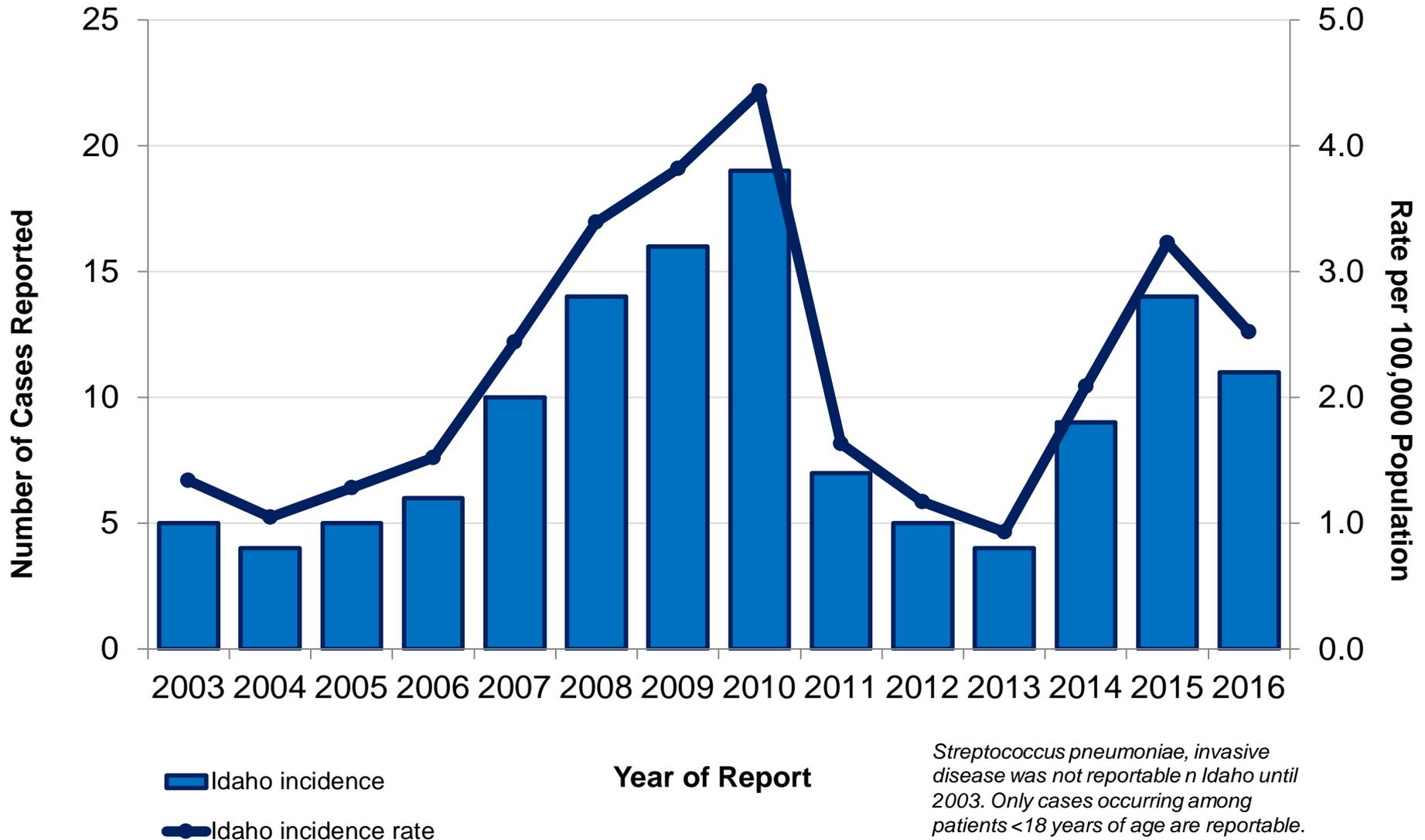
Rubella

Cases and rate of disease per 100,000 population: Idaho and U.S, 1987 – 2016



S. pneumoniae, Invasive

Cases and rate of disease per 100,000 population 0-17 years of age: Idaho, 2003 – 2016



Tetanus

Cases: Idaho, 1987 – 2016

