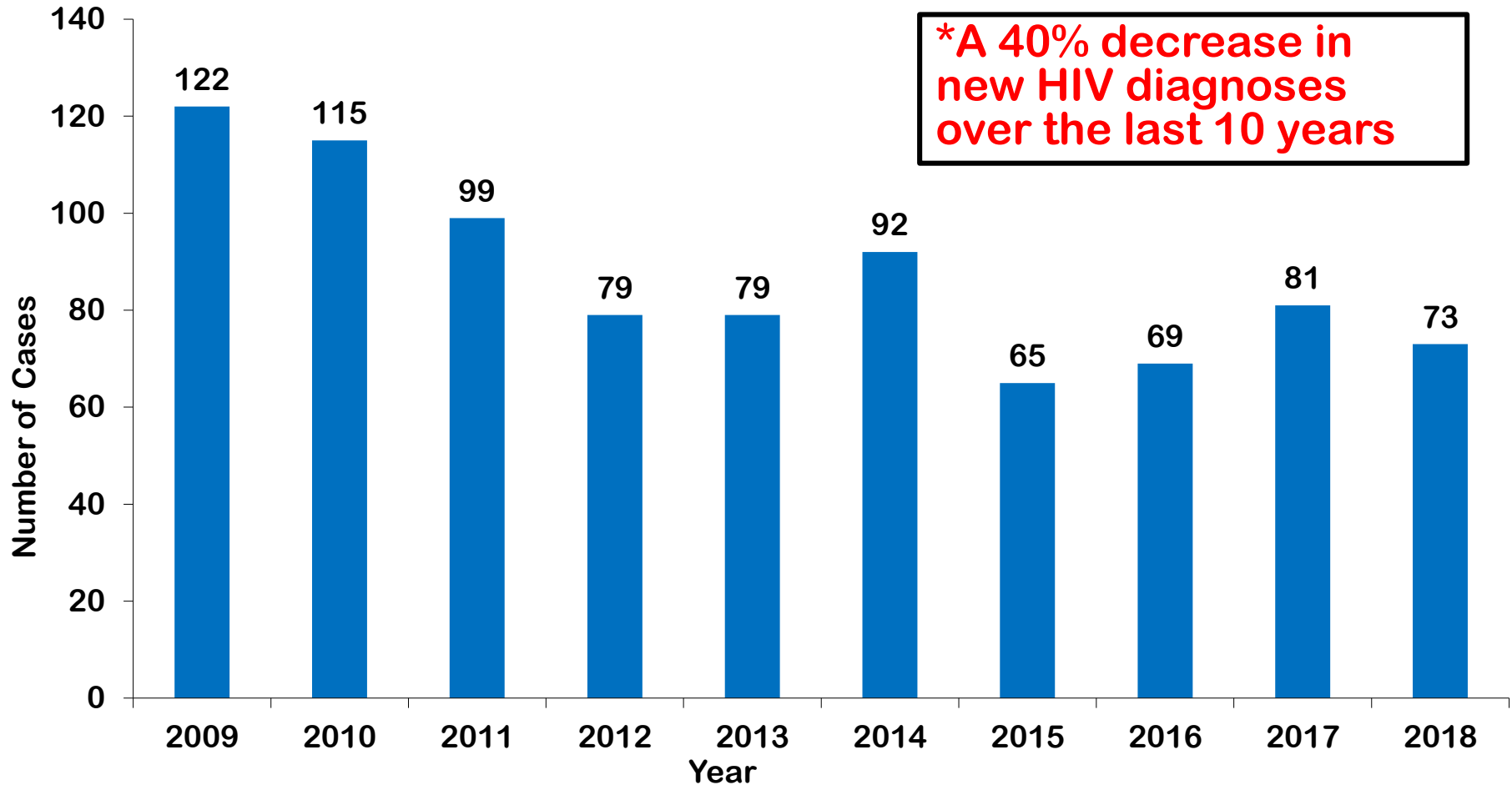




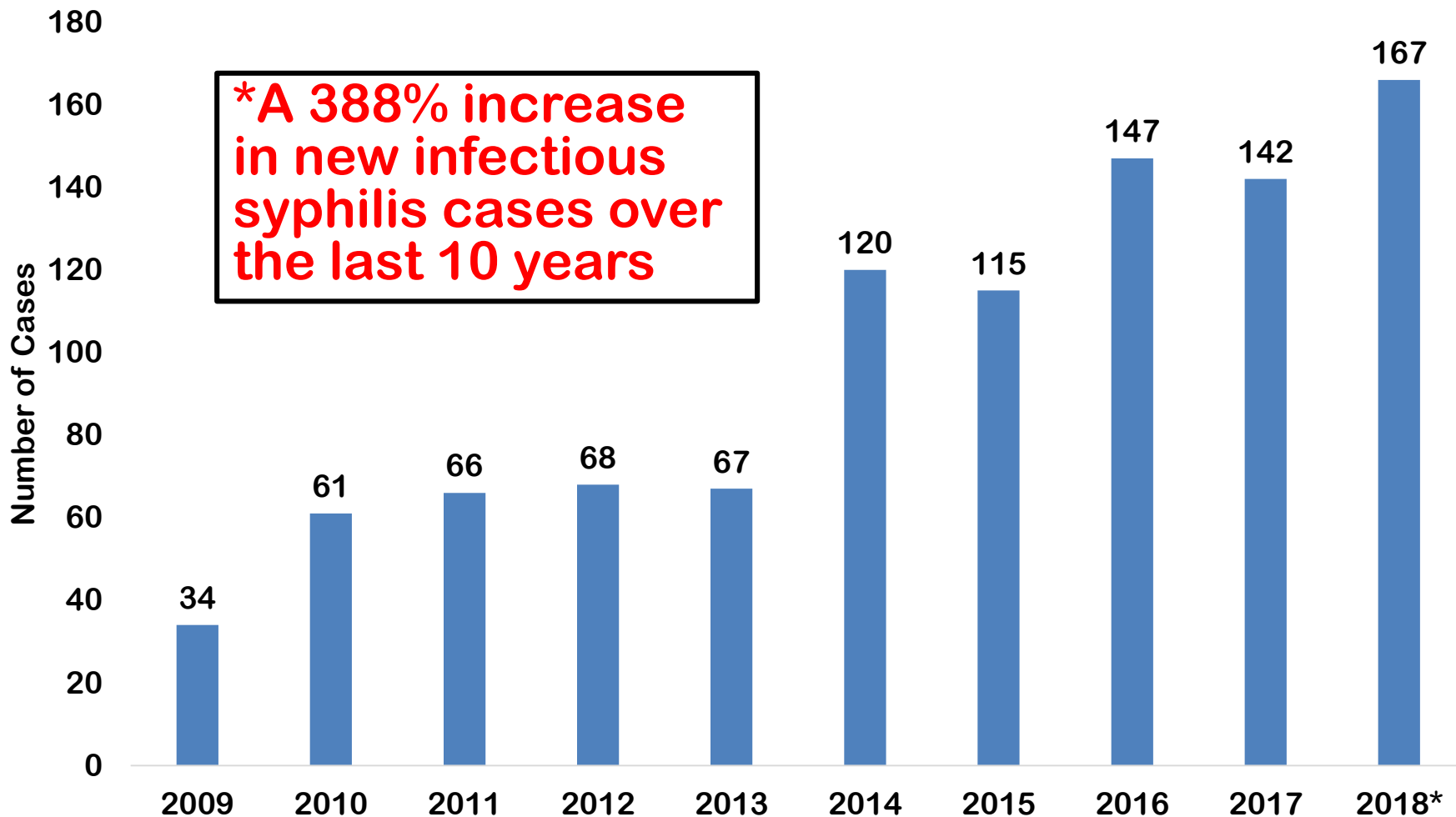
A LOOK AT THE NUMBERS

Philip A. Chan, MD, MS
Rhode Island Department of Health
November 2, 2019

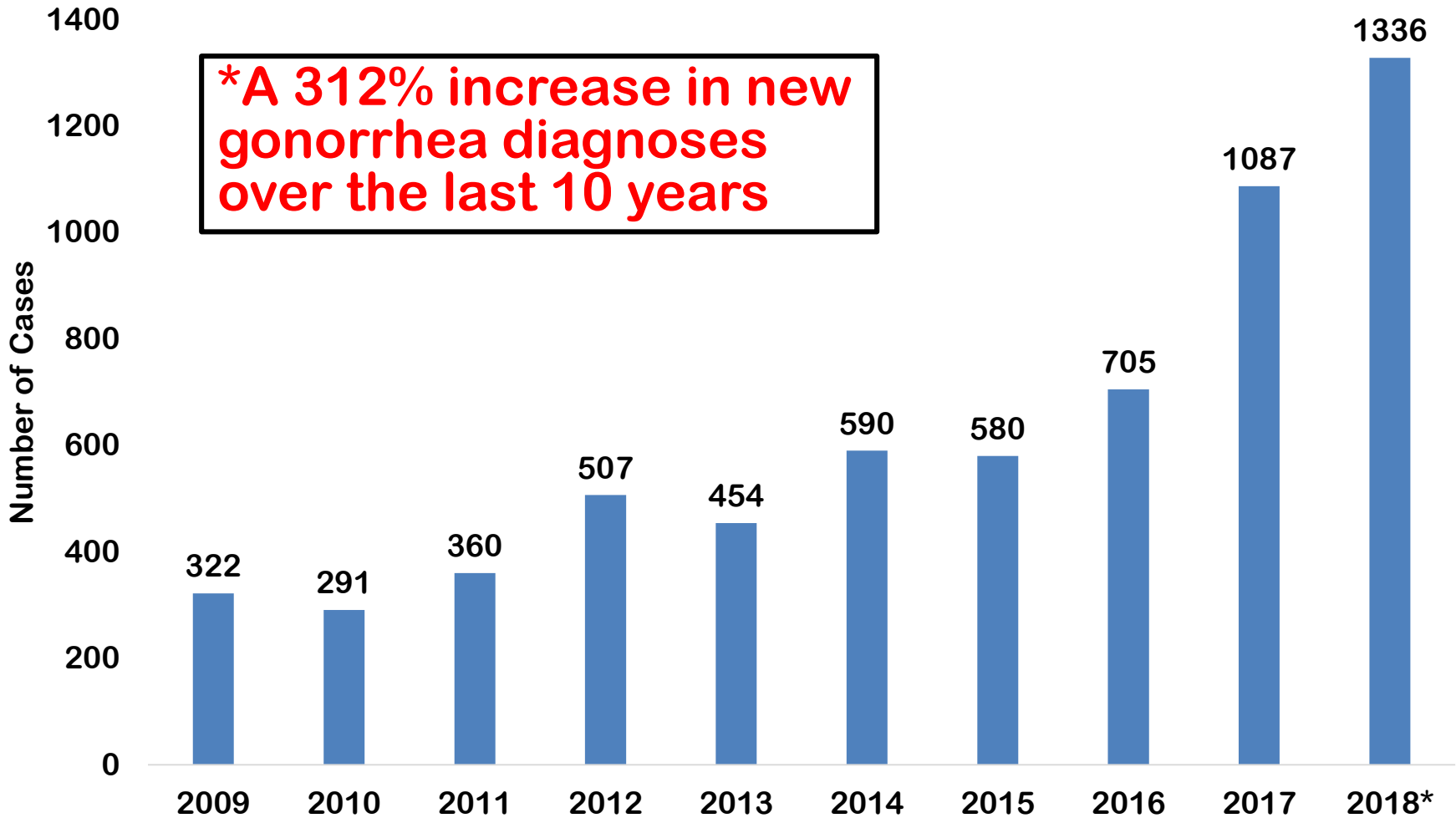
Newly Diagnosed Cases of HIV Rhode Island, 2009-2018



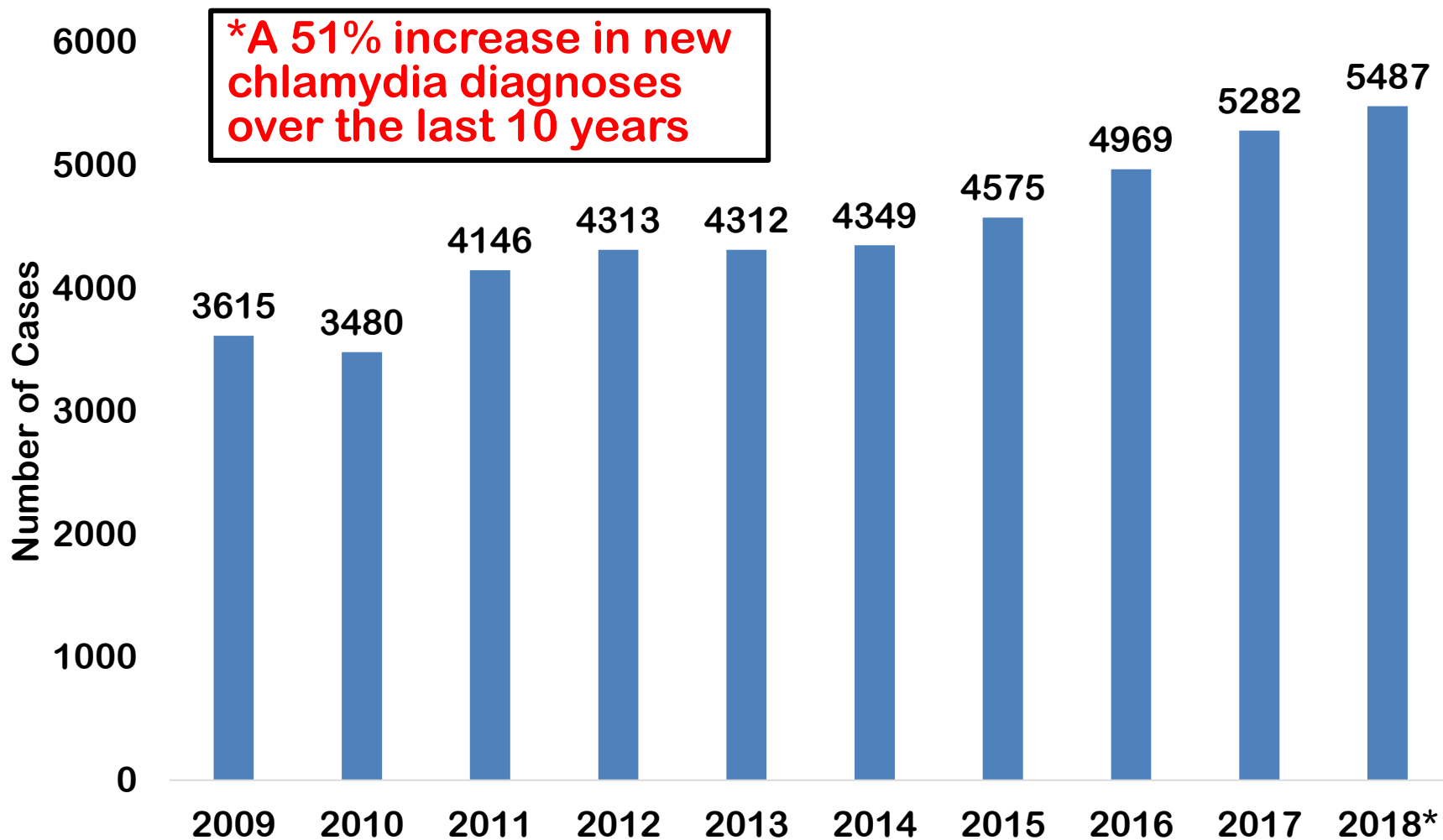
Cases of Infectious Syphilis Rhode Island, 2009-2018



Cases of Gonorrhea Rhode Island, 2009-2018



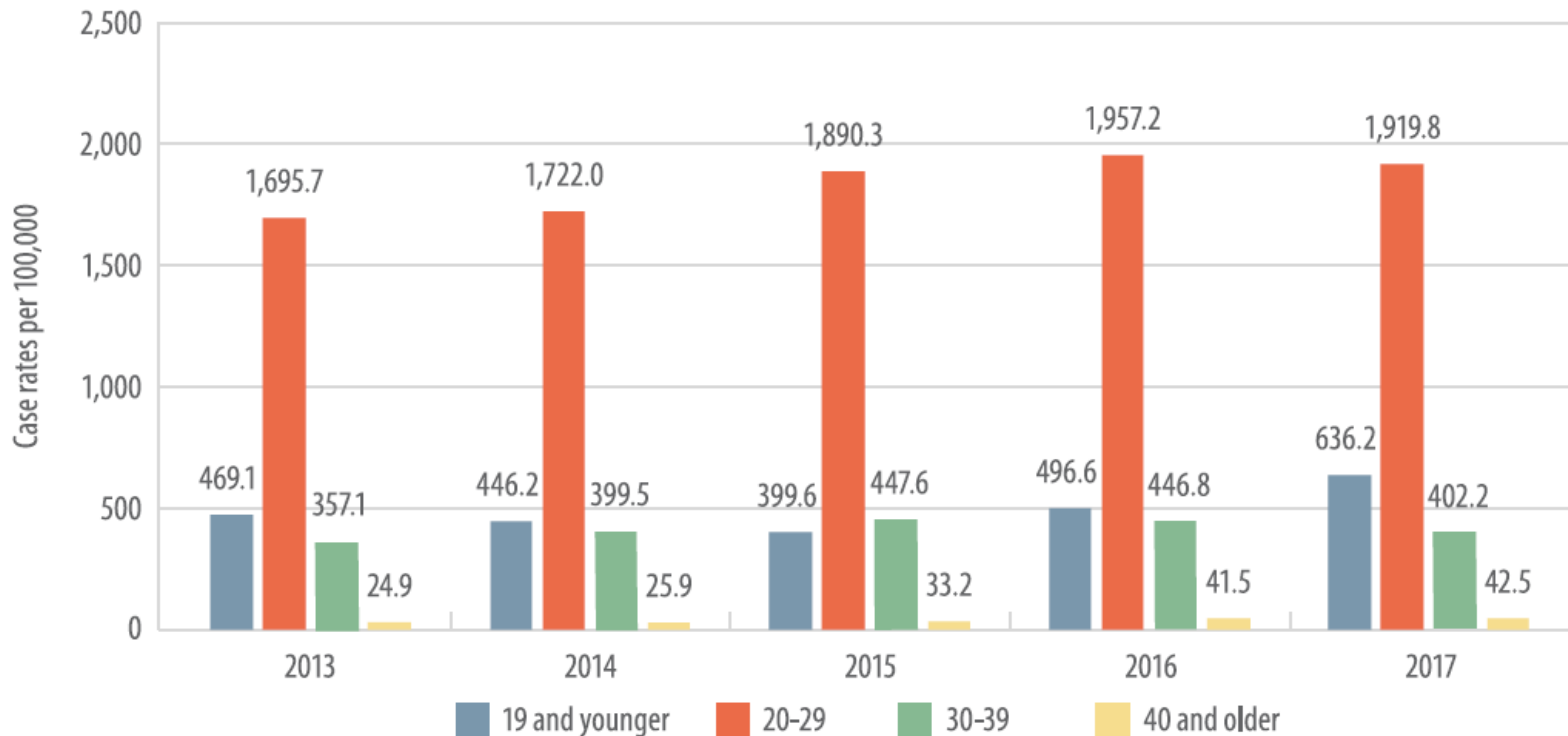
Cases of Chlamydia Rhode Island, 2009-2018



Cases of Chlamydia by Age Rhode Island, 2013-2017



Rates of Chlamydia Cases, by Age, Rhode Island, 2013-2017



Source: Rhode Island Department of Health

From 2013-2017, the highest rates of chlamydia were in people in their 20s, followed by people age 19 or younger, and people in their 30s. Rates for people in their 20s have increased in the last five years.

Cases of Chlamydia by 15-19 years old Rhode Island, 2018



Table 3. Reported Cases of Chlamydia & Gonorrhea in Rhode Island Towns, 15-19 Years Old, 2018

Municipality	Chlamydia		Gonorrhea	
	15-19	Total	15-19	Total
Cumberland	18	91	<5	16
East Providence	55	187	7	52
Exeter-West Greenwich	<5	24	<5	<5
Foster-Glocester	<5	26	<5	5
Johnston	22	90	<5	30
Narragansett	9	48	<5	6
North Kingstown	19	68	<5	12
North Smithfield	<5	17	<5	10
Providence	539	1923	71	530
Smithfield	21	77	<5	7
Warwick	40	214	7	48
West Warwick	12	99	<5	22
Rhode Island	1393	5487	181	1336

Table 4. Rates of Chlamydia & Gonorrhea in the 15-19 Year Old Population, Rhode Island, 2009-2018

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Chlamydia	1441.7	1422.9	1671.5	1760.2	1487.9	1429.2	1279.3	1595.3	1880.2	1866.4
Gonorrhea	81.2	78.7	104.9	143.7	94.9	81.2	82.5	86.2	218.6	242.5

*Rates are expressed per 100,000 population. Rates for years 2009-2016 calculated based on 2010 Census population data. For years 2017-2018 based on 2016 RI Census.

Cases of Chlamydia and Gonorrhea by Geography, Rhode Island, 2018



Reported Cases of Chlamydia, Rhode Island, 2018

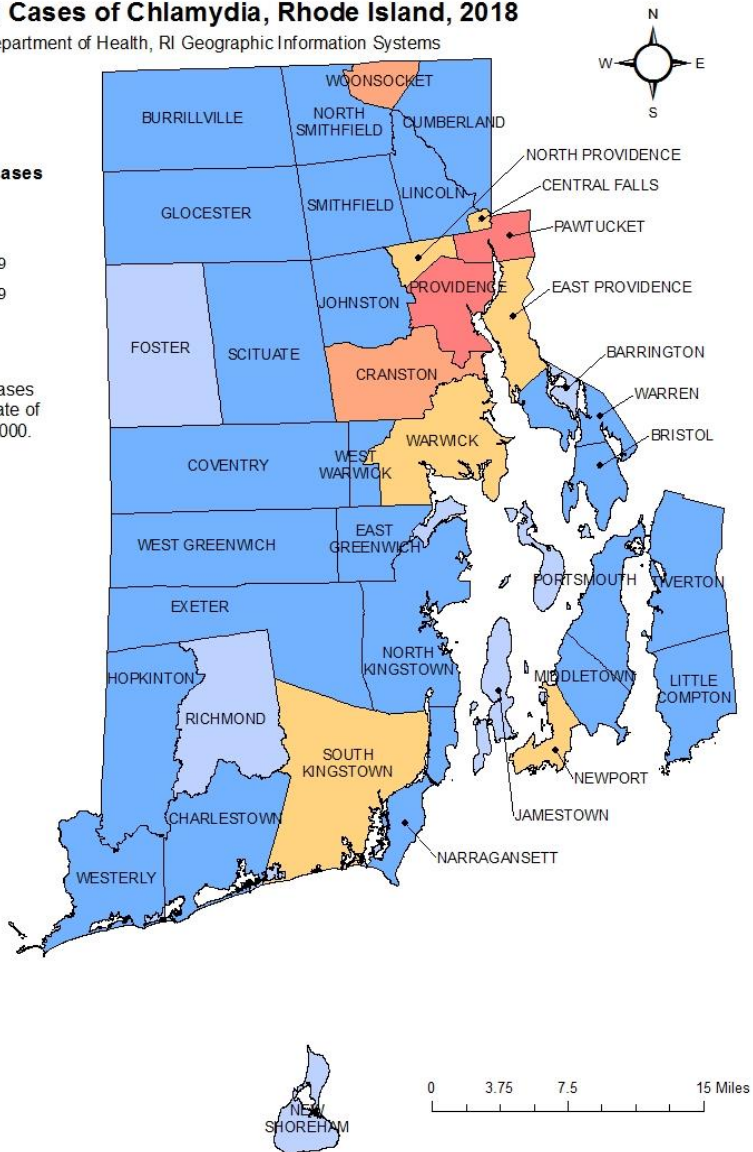
Sources: RI Department of Health, RI Geographic Information Systems

N = 5236

Number of Cases



NOTE: 5487 cases reported at a rate of 520.3 per 100,000. 96% mapped.

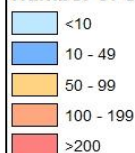


Reported Cases of Gonorrhea, Rhode Island, 2018

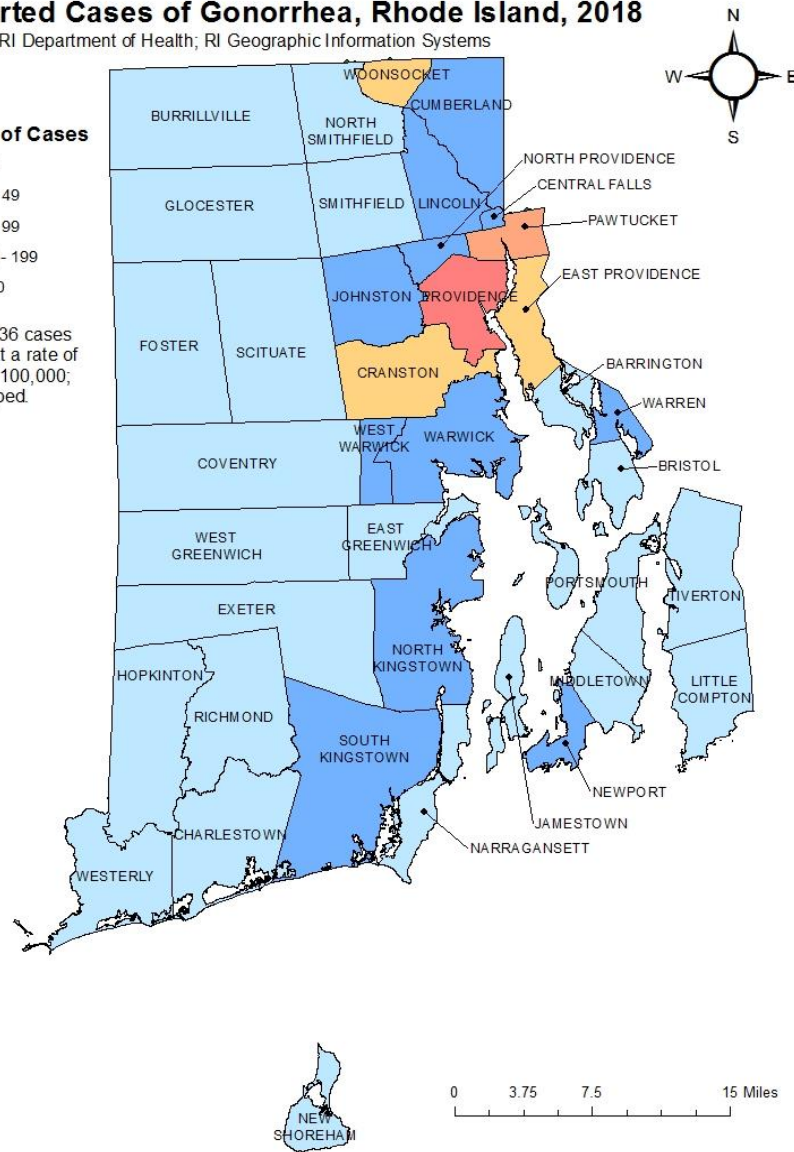
Sources: RI Department of Health, RI Geographic Information Systems

N = 1288

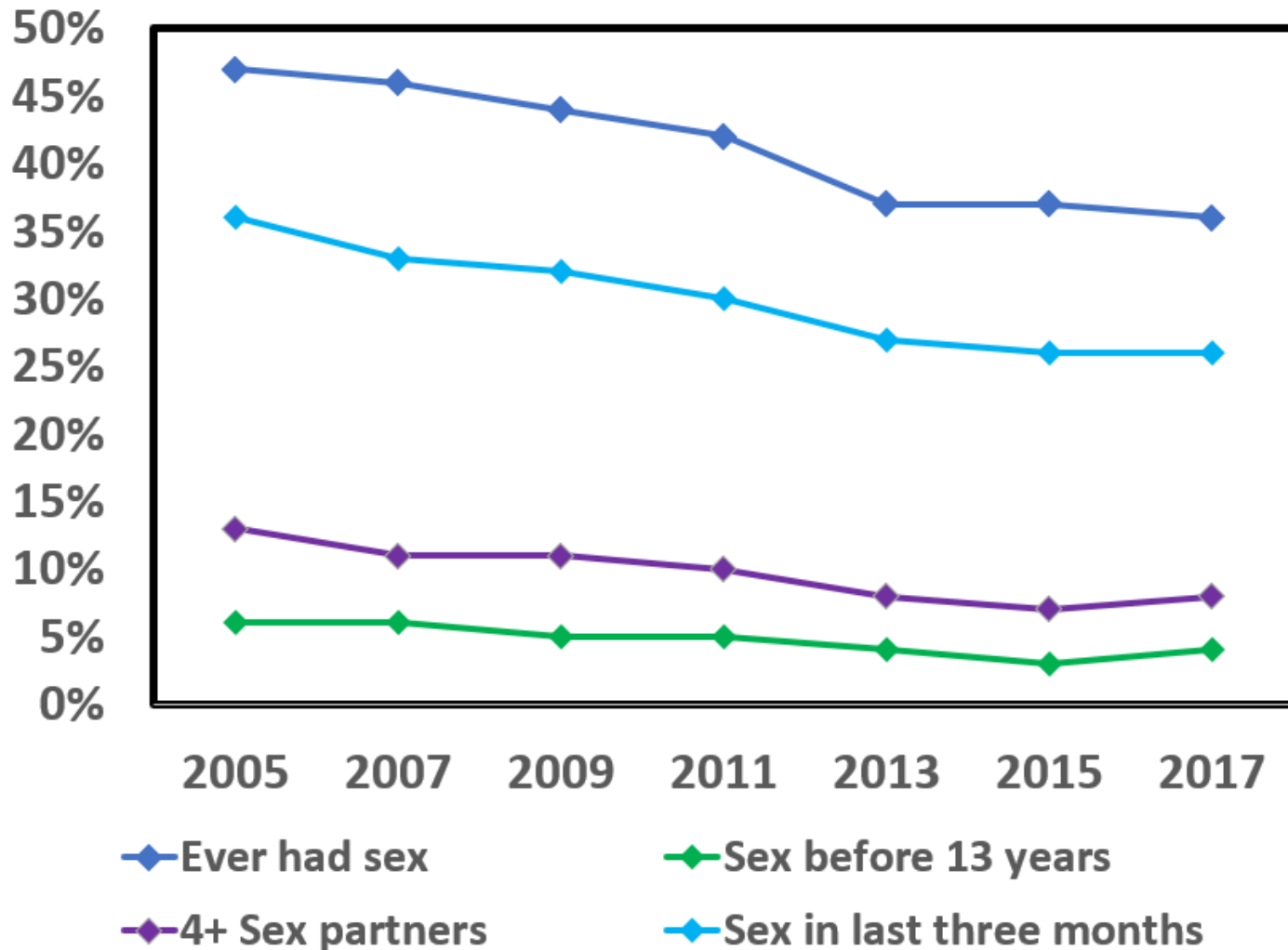
Number of Cases



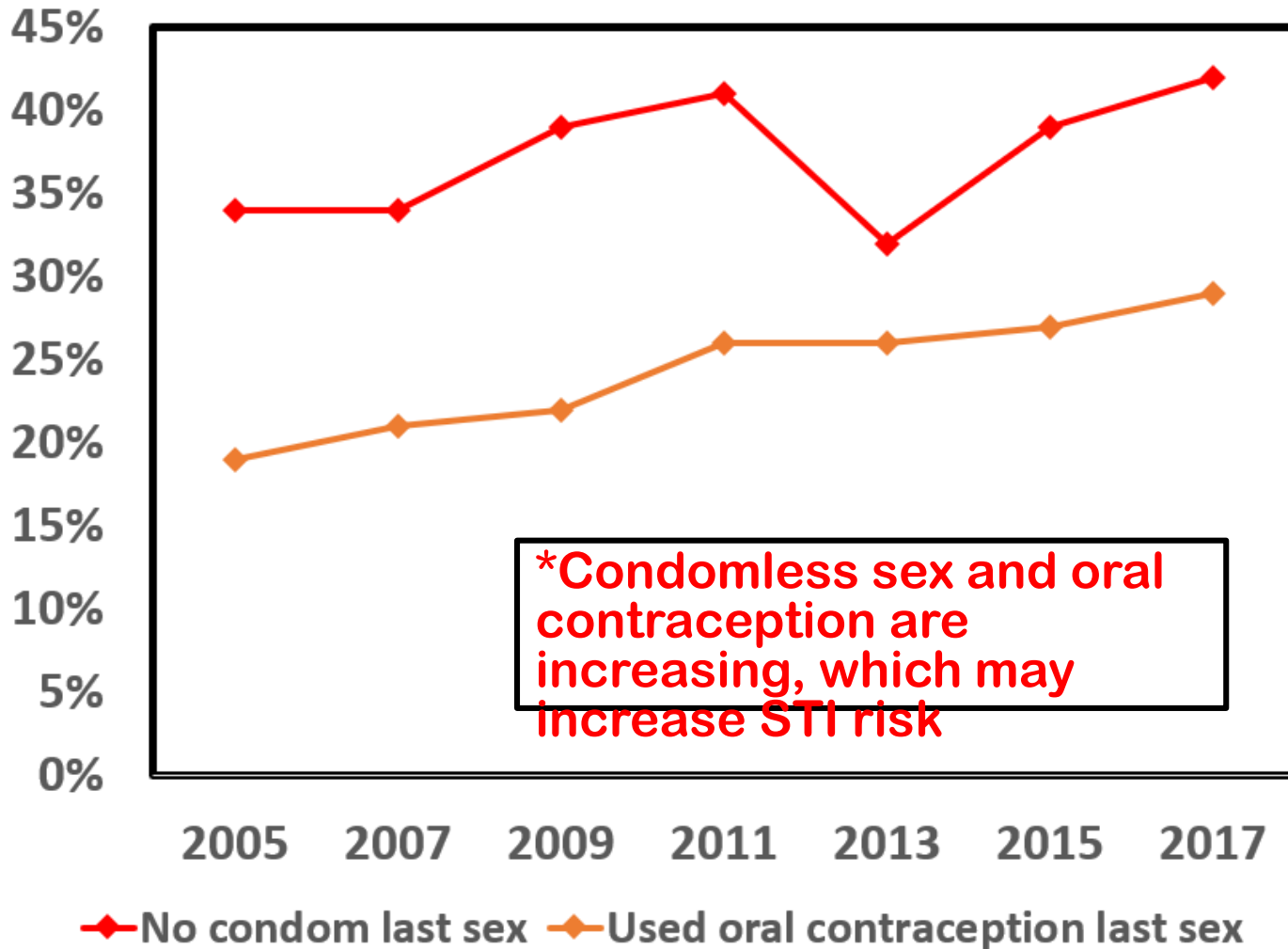
NOTE: 1336 cases reported at a rate of 126.7 per 100,000; 96% mapped.



Sexual Risk Behaviors among High School Students, Rhode Island, 2005-2017



Sexual Risk Behaviors among High School Students, Rhode Island, 2005-2017



Chlamydia and Gonorrhea Screening



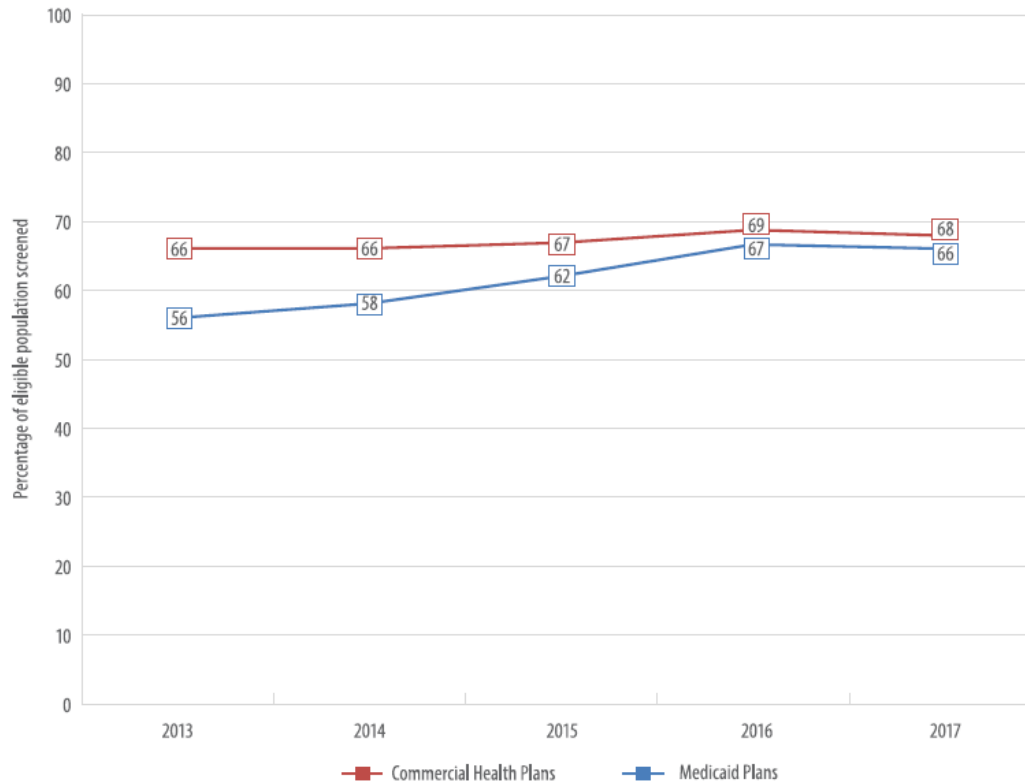
Summary of Recommendations and Evidence

Population	Recommendation	Grade (What's This?)
Sexually Active Women	The USPSTF recommends screening for chlamydia in sexually active women age 24 years and younger and in older women who are at increased risk for infection.	B
Sexually Active Women	The USPSTF recommends screening for gonorrhea in sexually active women age 24 years and younger and in older women who are at increased risk for infection.	B
Sexually Active Men	The USPSTF concludes that the current evidence is insufficient to assess the balance of benefits and harms of screening for chlamydia and gonorrhea in men.	I

Chlamydia Screening among Young Females, Rhode Island, 2013-2017



Screening for Chlamydia in Females Age 16-24, by Insurance Plan, Rhode Island, 2013-2017



Source: Rhode Island Department of Health

Through the Healthcare Effectiveness and Data Information Set (HEDIS), insurance claim data are used to calculate annual estimates of the percentage of sexually active females, age 16-24, that are screened for chlamydia. In 2017 in Rhode Island, 68% of women enrolled in Medicaid and 66% of women enrolled in commercial health plans were screened for chlamydia. These figures are much higher than the national averages. Nationally, in 2015, 52% of women enrolled in Medicaid and 40% enrolled in commercial health plans were screened for chlamydia (National Committee for Quality Assurance).



CONDOMS



**GET TESTED
FOR HIV**



**HOME BASED
HIV TEST**



**PRE-EXPOSURE
PROPHYLAXIS**

DO IT RIGHT

GET TESTED FOR HIV & STDS

www.doitRight.org



**KNOW YOUR
PARTNERS**



**POST-EXPOSURE
PROPHYLAXIS**



**HIV+
TREATMENT**



**GET TESTED
FOR STDs**



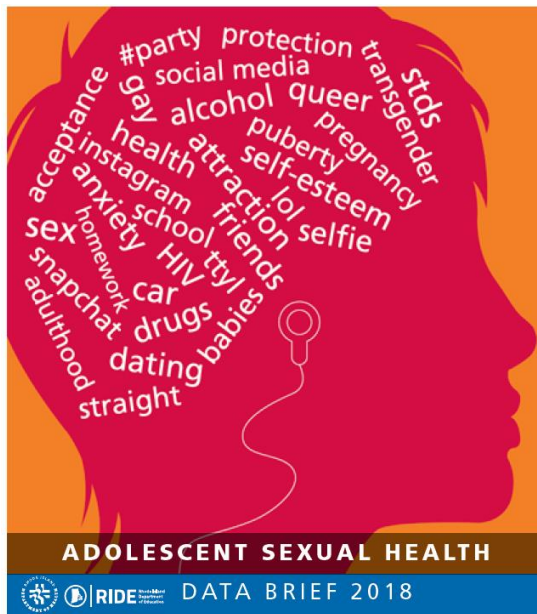
**KNOW RISKY
BEHAVIORS**

Improving Adolescent Sexual Health



Sexual Health Education

- Engage parents, schools, and students
- Ongoing discussion (not one time only)
- Access to sexual health services
- Awareness about preventative health options
- The Need for Data: Understand trends and behaviors over time





Philip A. Chan, MD, MS

Consultant Medical Director

Center for HIV, Hepatitis, STD, and TB Epidemiology

Rhode Island Department of Health

Philip.Chan@health.ri.gov