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# Health Status of Oregonians: Data for Policy and Planning

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Oregon  
Health  
Authority

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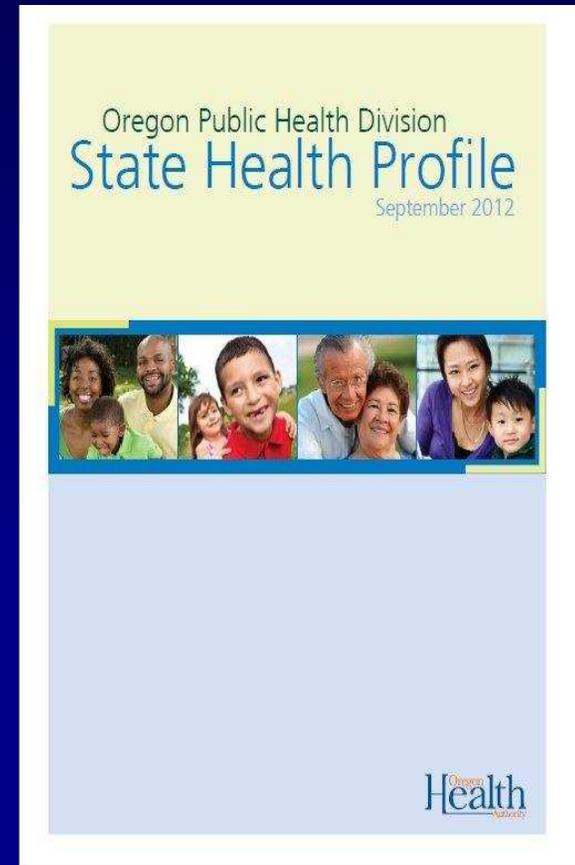
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# Overview

- Framework: Oregon's "State Health Profile"
- Public health priority areas
  - Causes of death
  - Disparities (Oregon vs US; race/ethnicity; SES)
- Evidence-based interventions:
  - Community Guide to Preventive Services, IOM
  - Tobacco, obesity, alcohol

# State Health Profile

- Published in 2012, updated in 2013
- 50+ population health indicators
- Array: social context, diseases, behaviors, preventive svc, disparities



# Population Health Definitions

- Public Health View
  - Defined by time, place, person
  - Indicators at community level
- Health Care Delivery (Clinical View)
  - Panel of patients: eligible, enrolled
  - Patients with specific conditions or utilization

# Traditional Public Health Data: Population Health Assessment

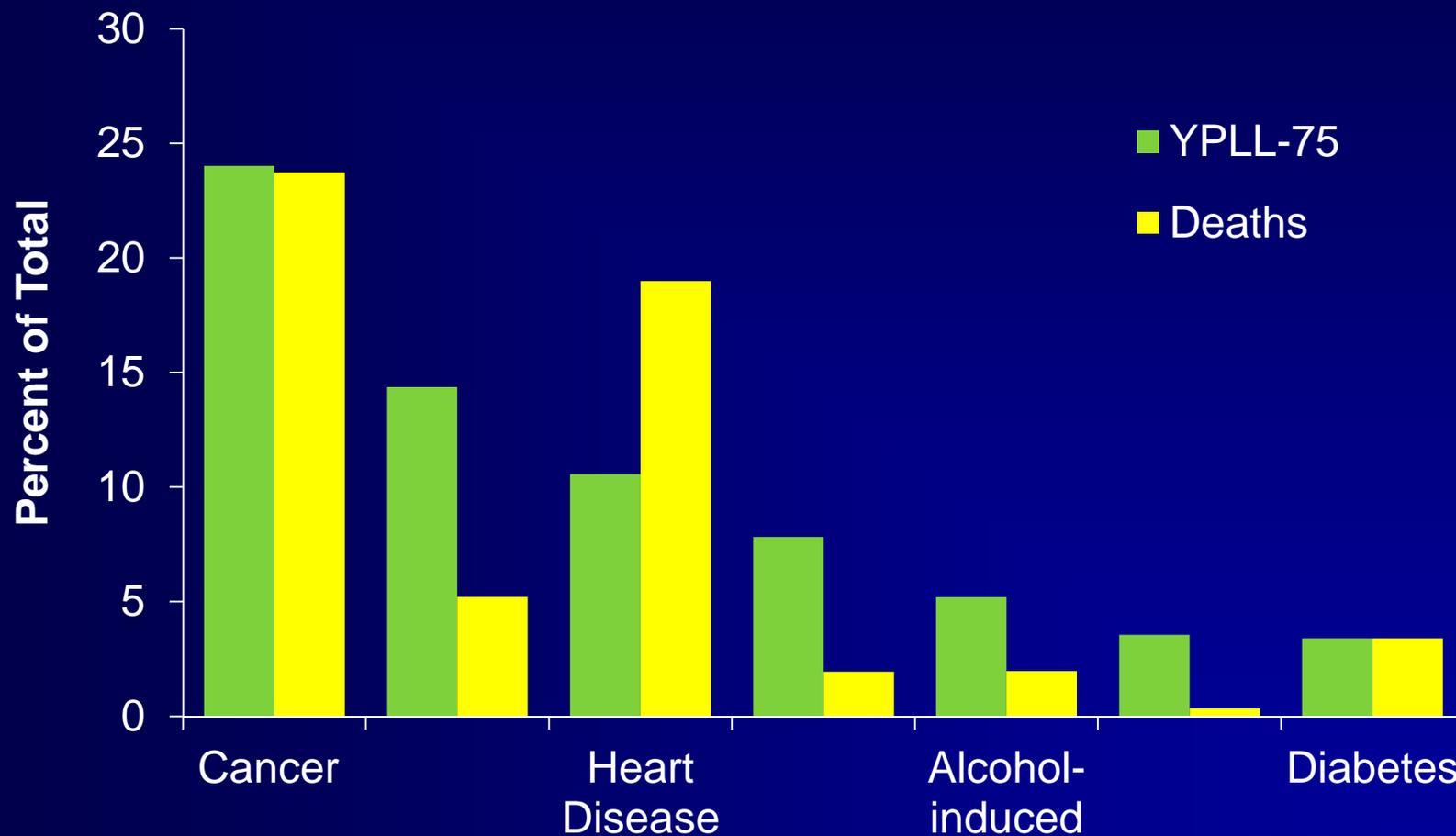
- Vital Records: Birth, death, abortion
- Disease Reporting
  - Communicable diseases; Cancer
- Population-based surveys
  - Behavior Risk Factor Surveillance System
  - Oregon Healthy Teens

# Care Coordination/ Service Delivery

- Service receipt:
  - Vaccines; C-care; HIV care
- Hospital discharge data
- All payer/ all claims data

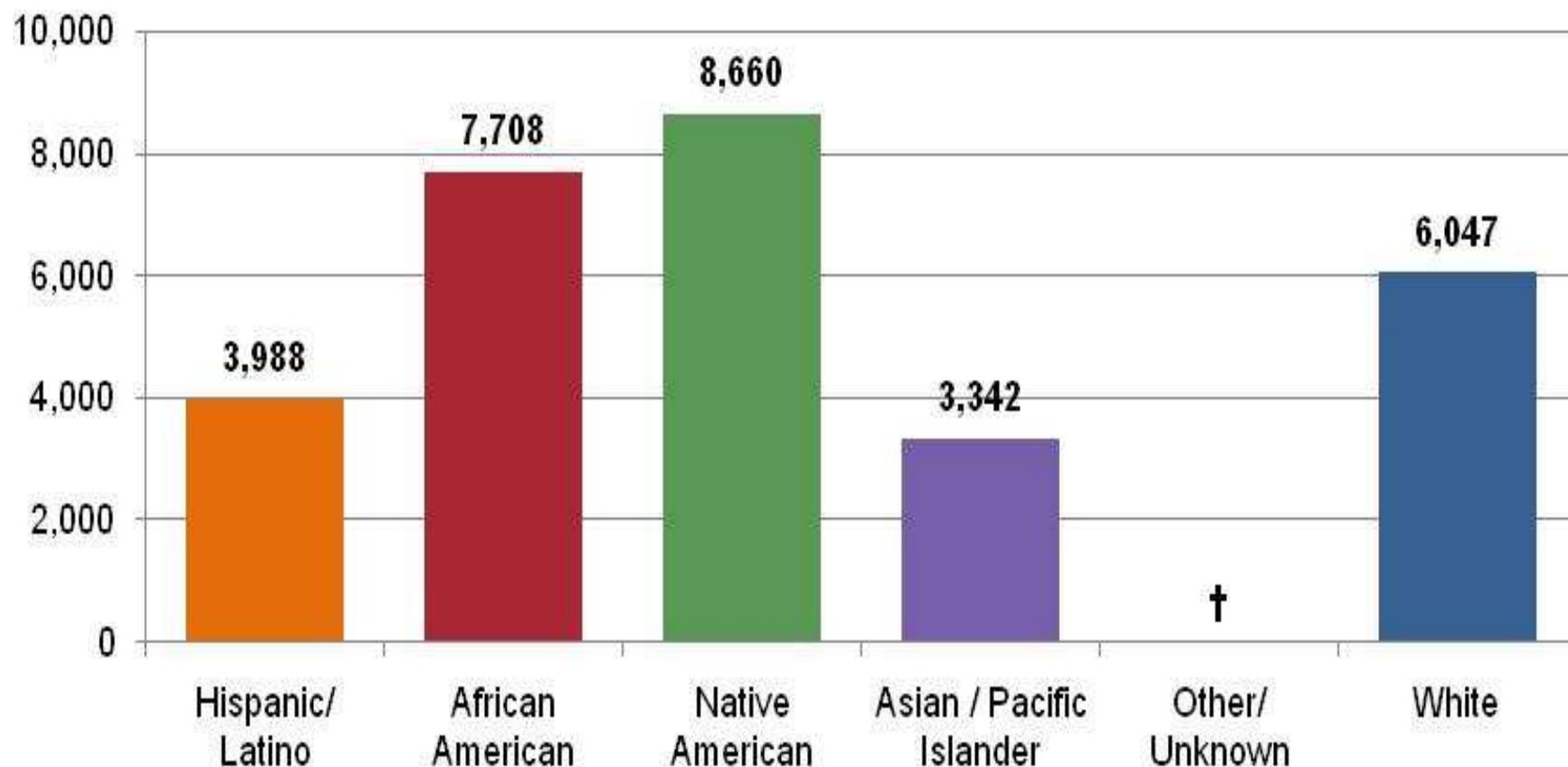
# Causes of Death

# Causes of Death & Premature Death, 2011



# Mortality by Race/ Ethnicity

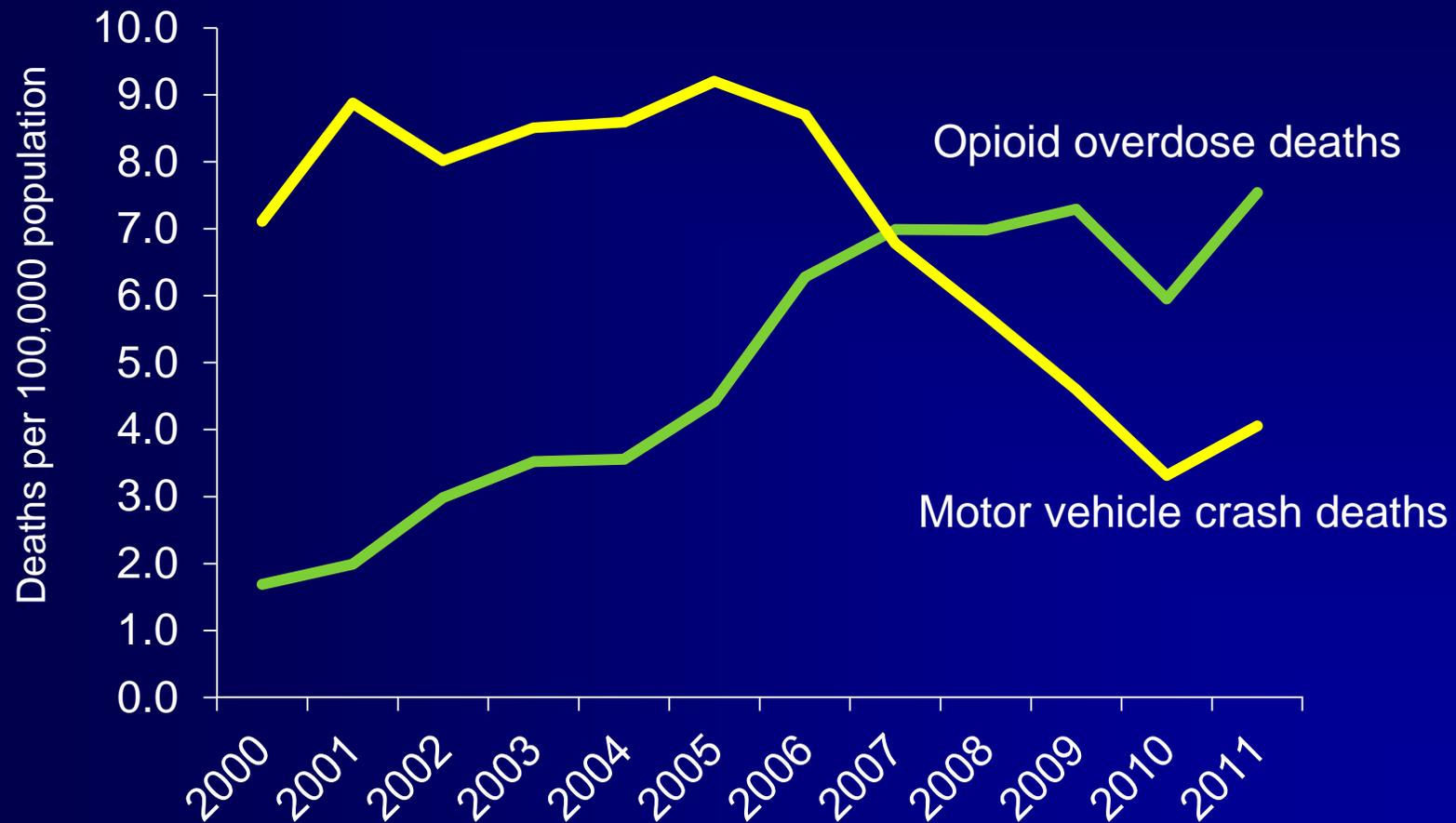
Years of Potential Life Lost Before Age 75 per 100,000, 2009\*\*



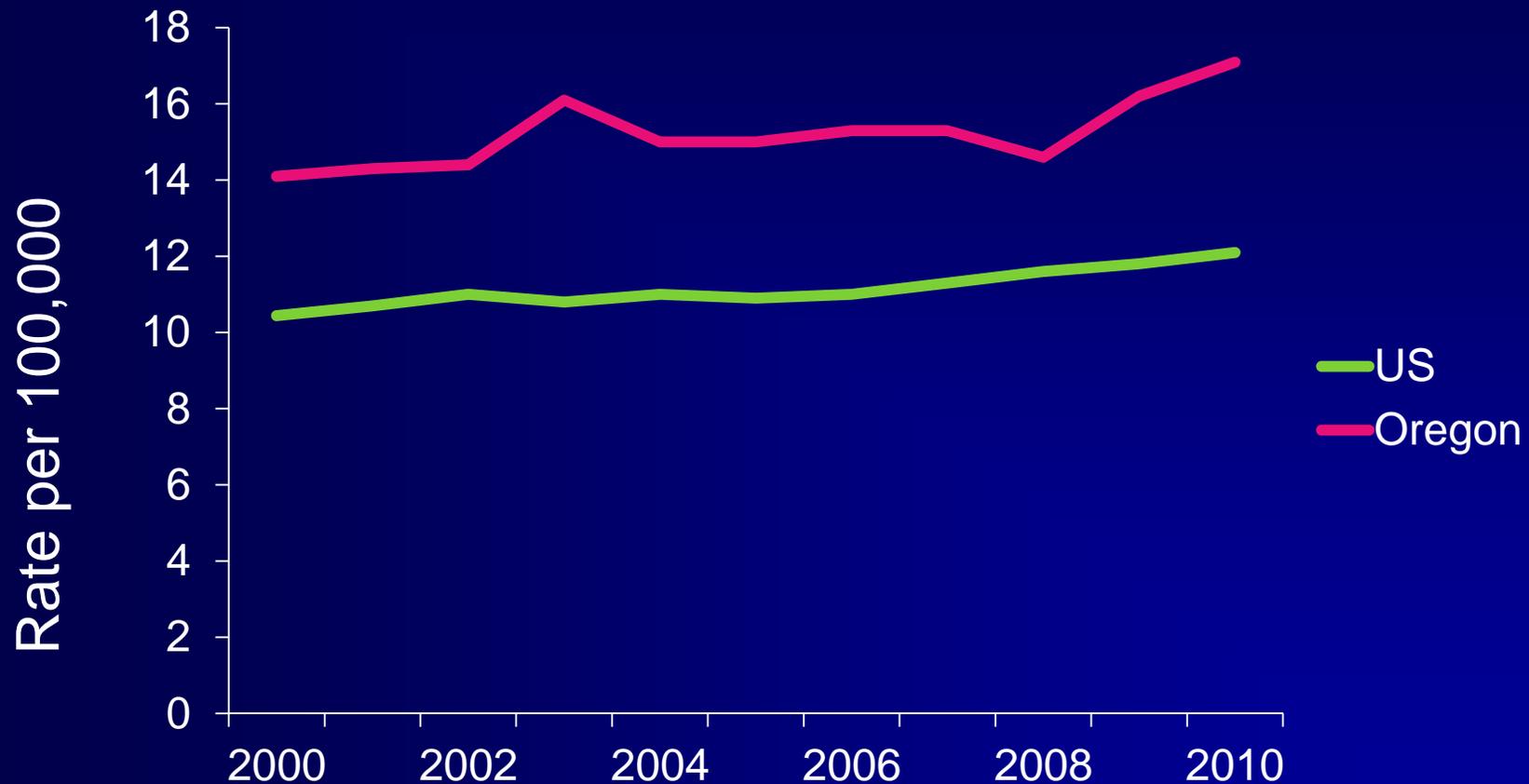
Source: Oregon Vital Statistics and National Center for Health Statistics

† = Data unreliable: less than 50 people

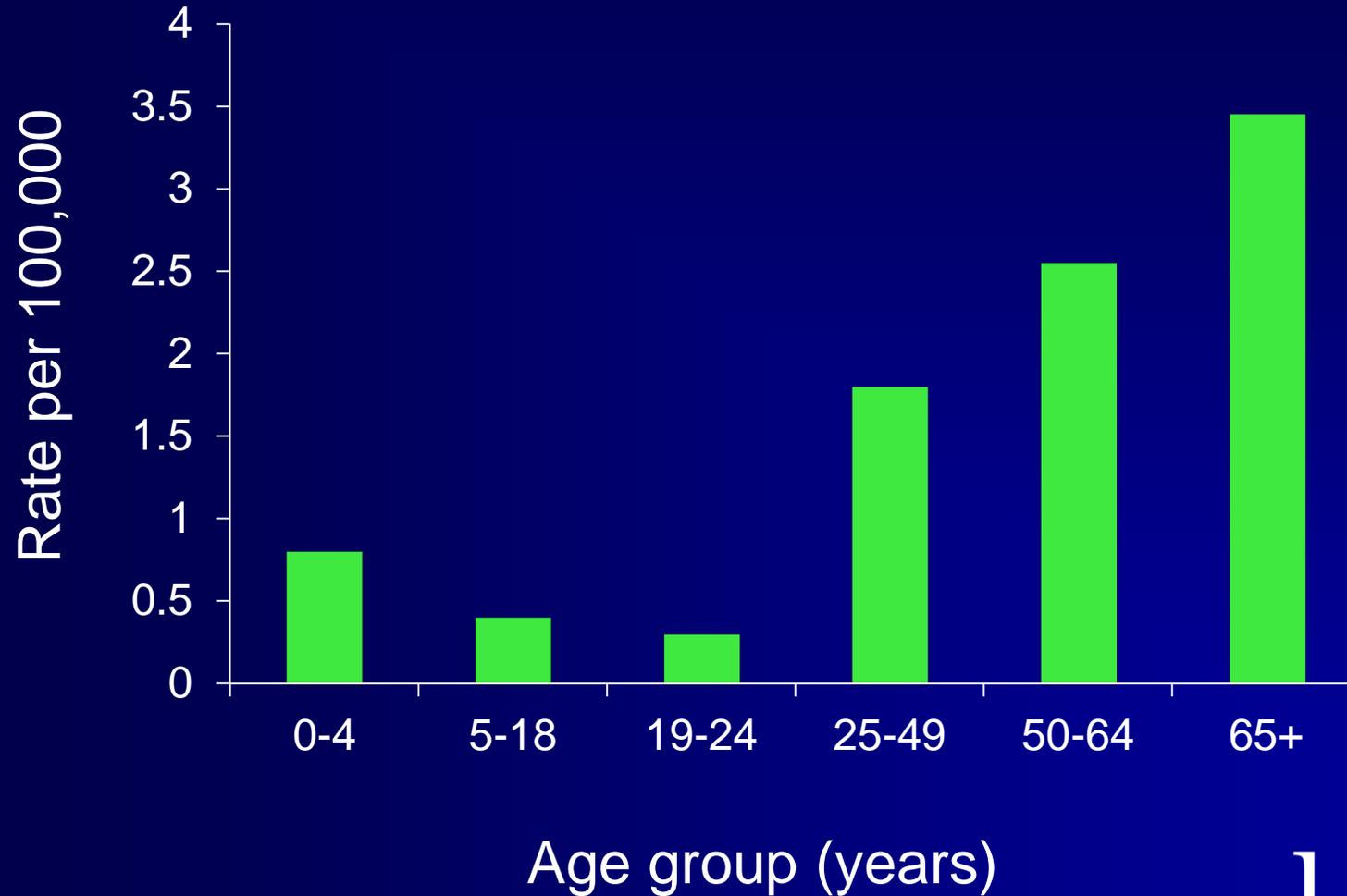
# Motor Vehicle Occupant and Opioid Overdose Deaths



# Suicide Deaths; Oregon and US

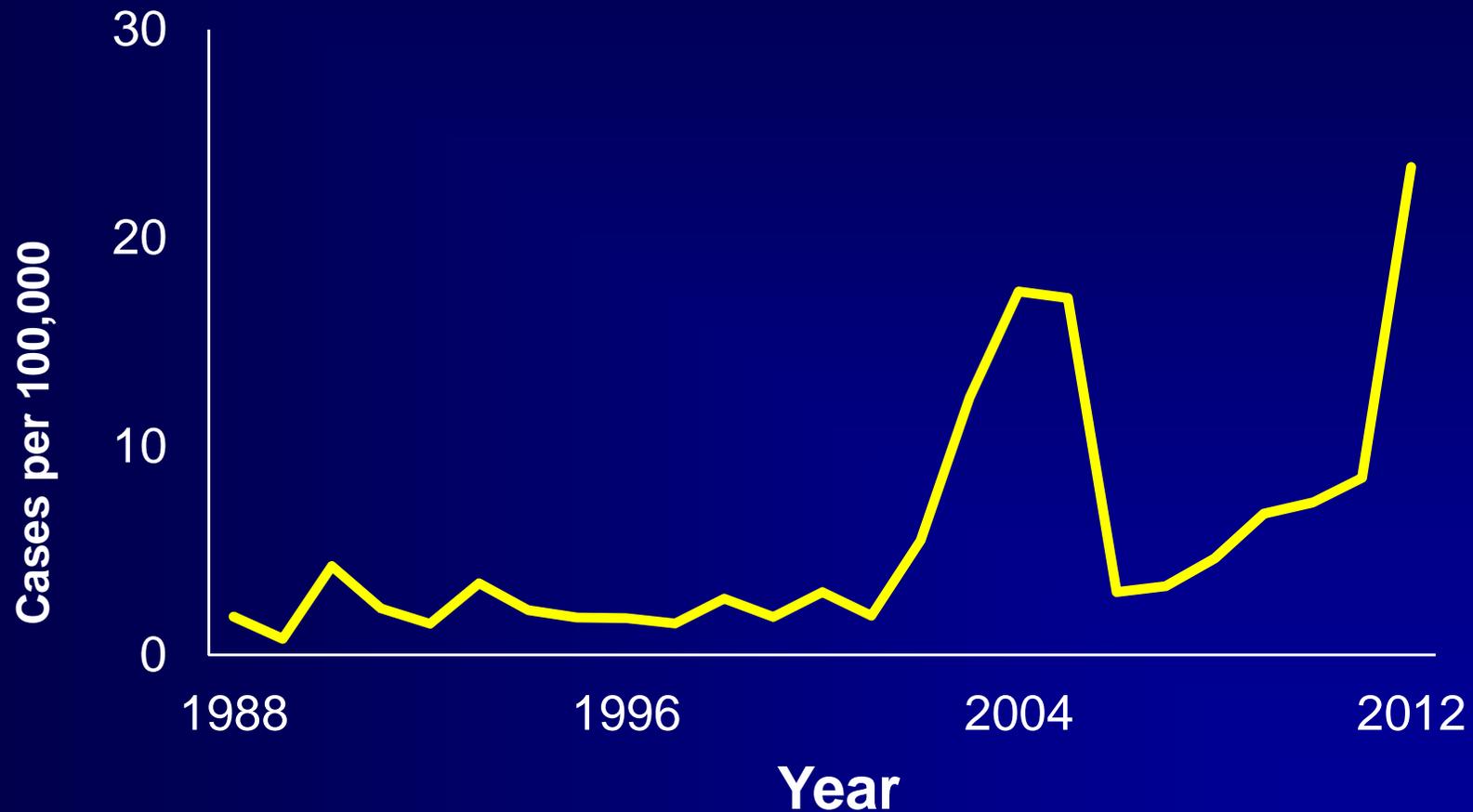


# Influenza Deaths

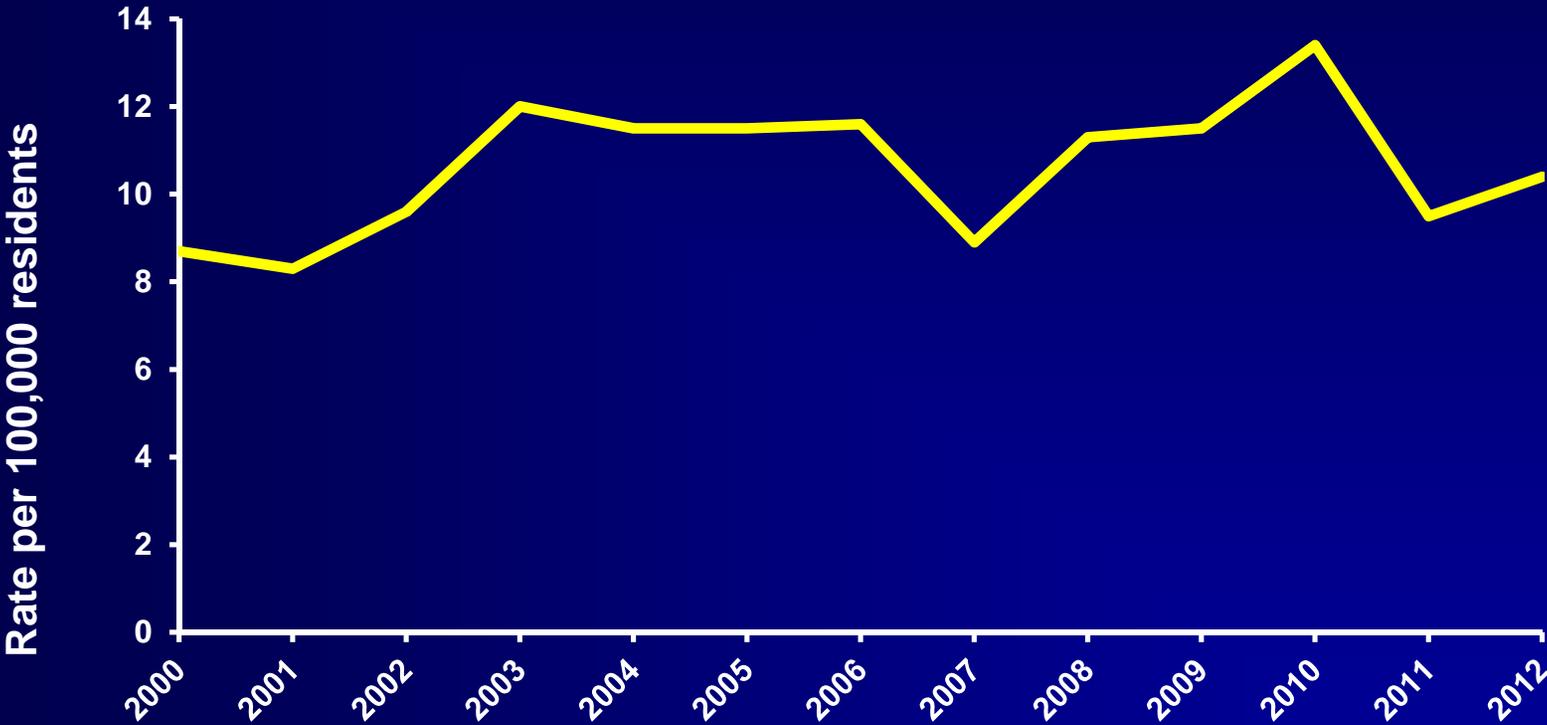


# Reportable Diseases

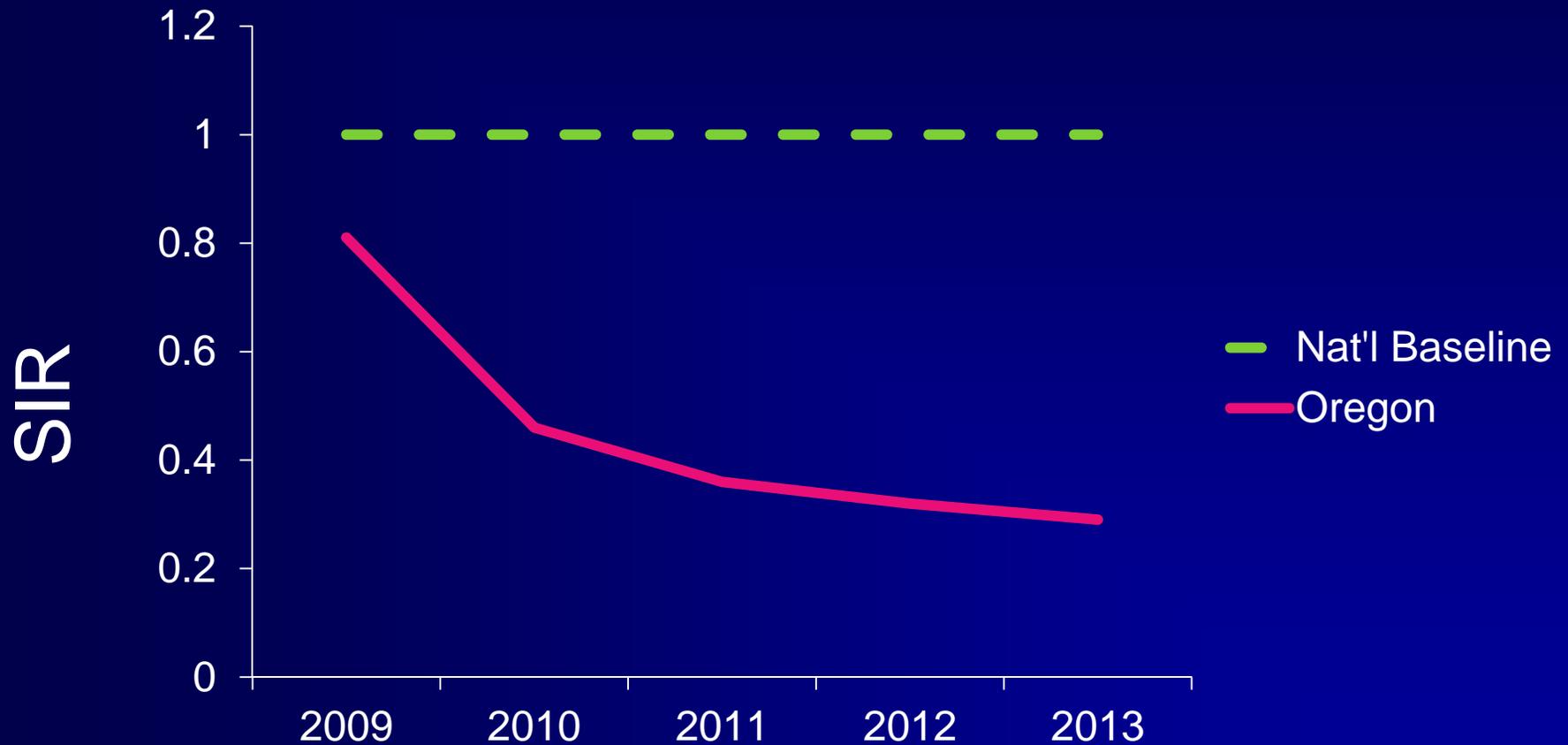
# Pertussis Incidence, Oregon



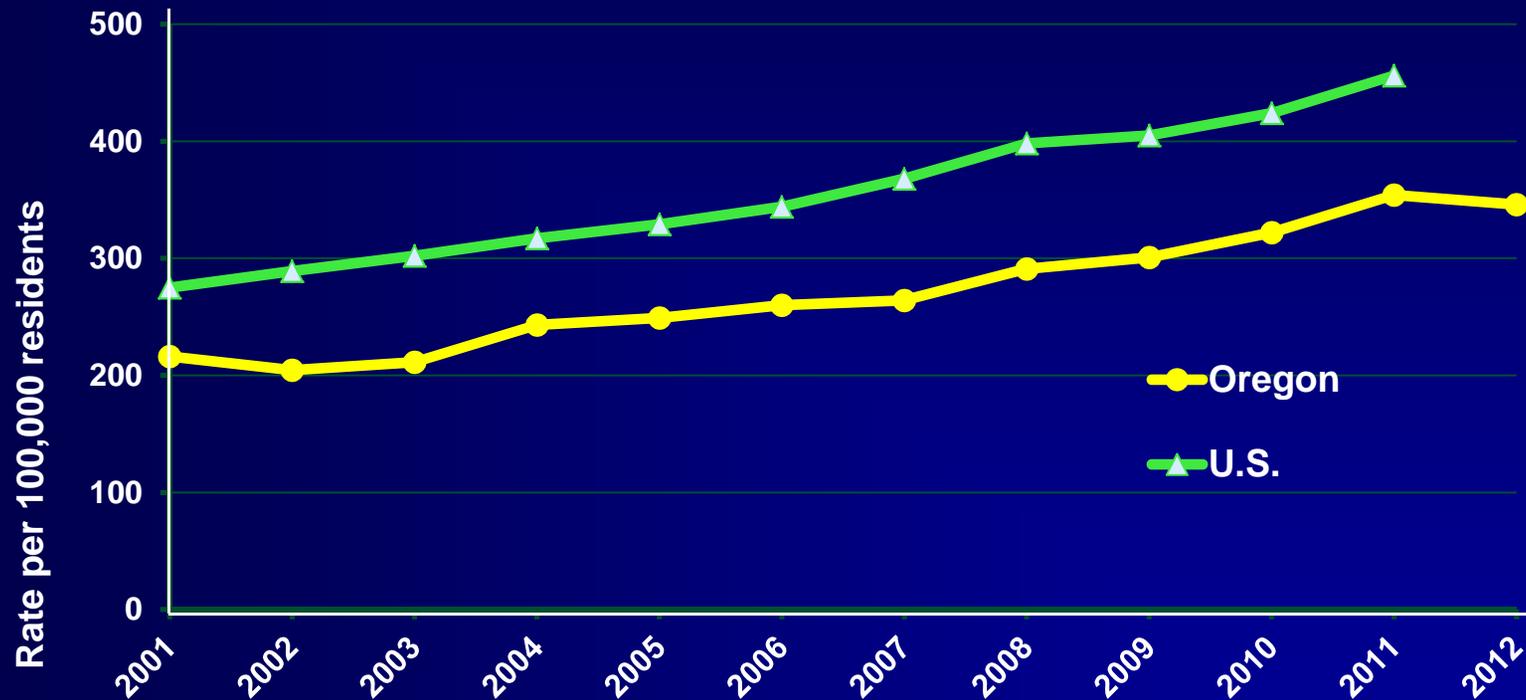
# Salmonellosis



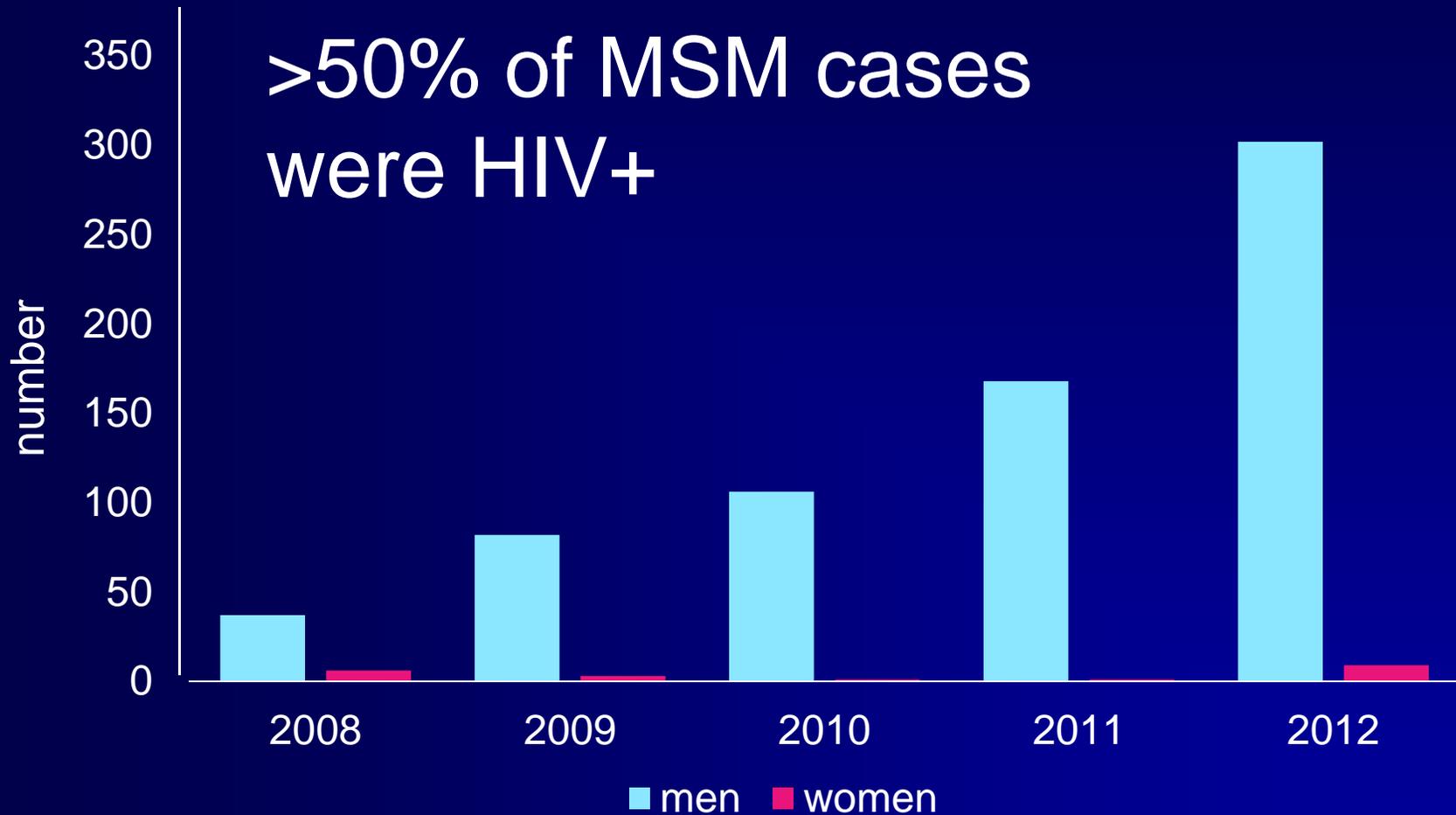
# Health Care-Acquired Infection: Adult ICU CLABSI; Oregon



# Chlamydia incidence

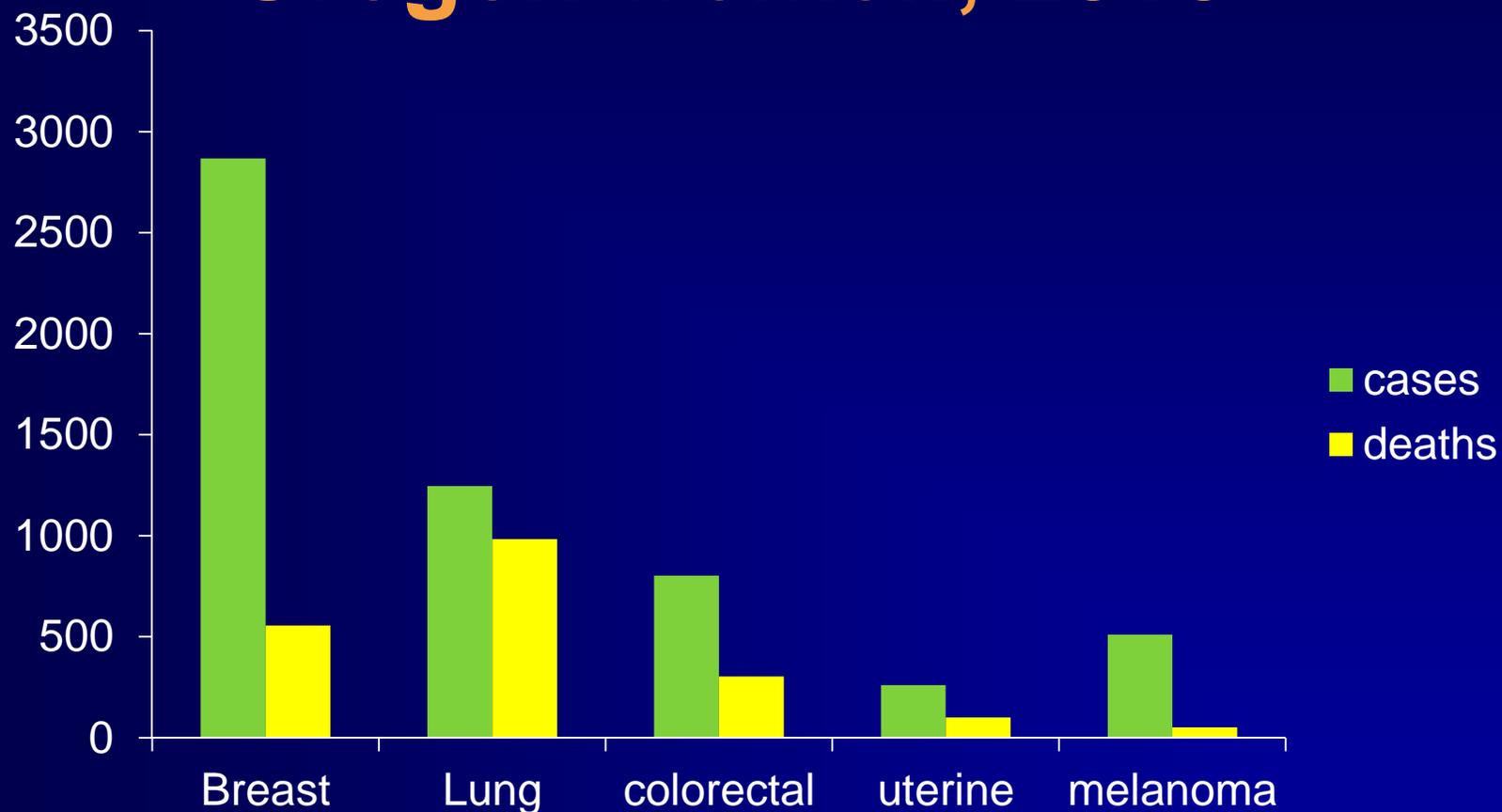


# Oregon syphilis cases



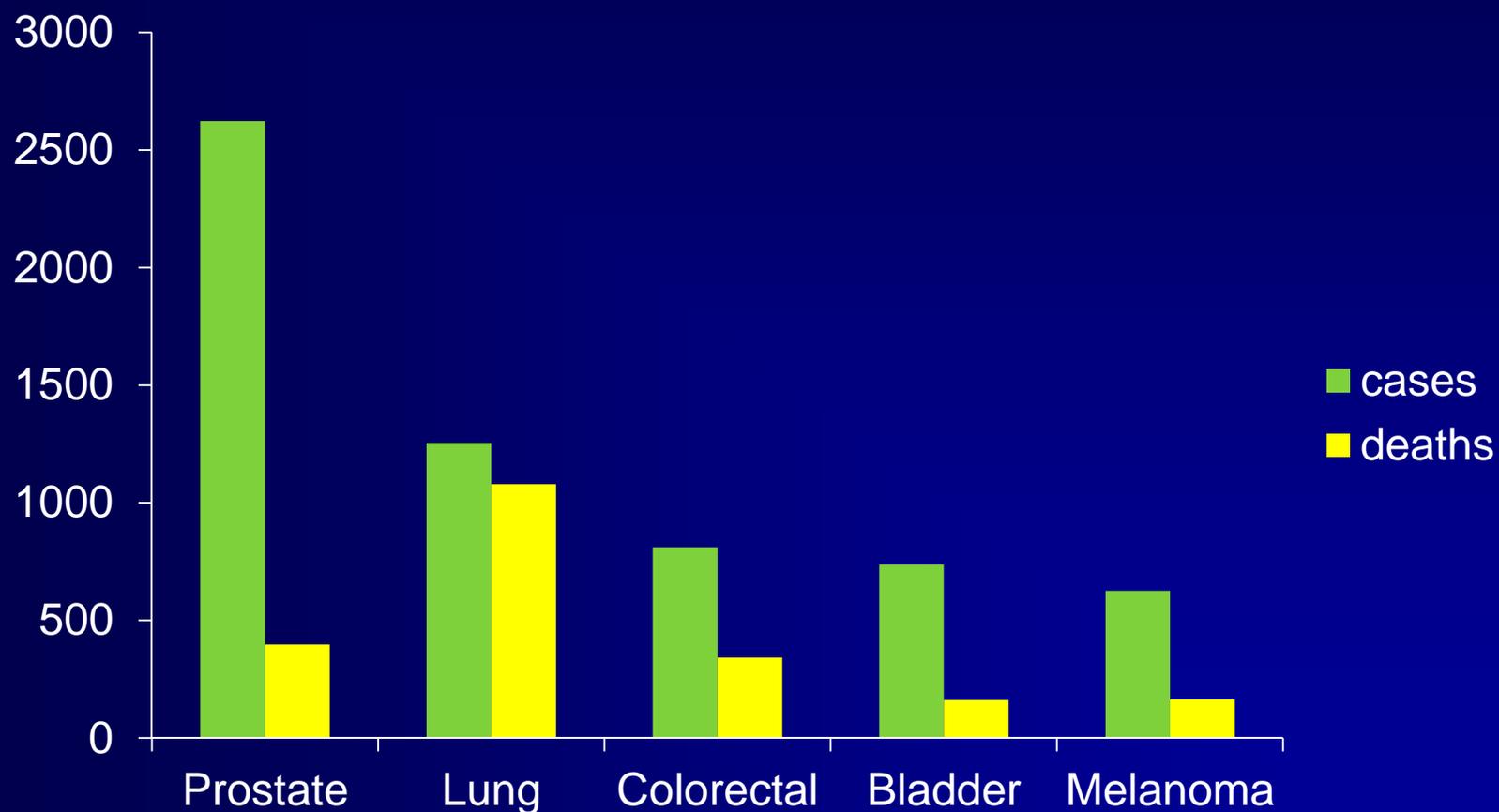
# Cancer cases and deaths

## Oregon women, 2010

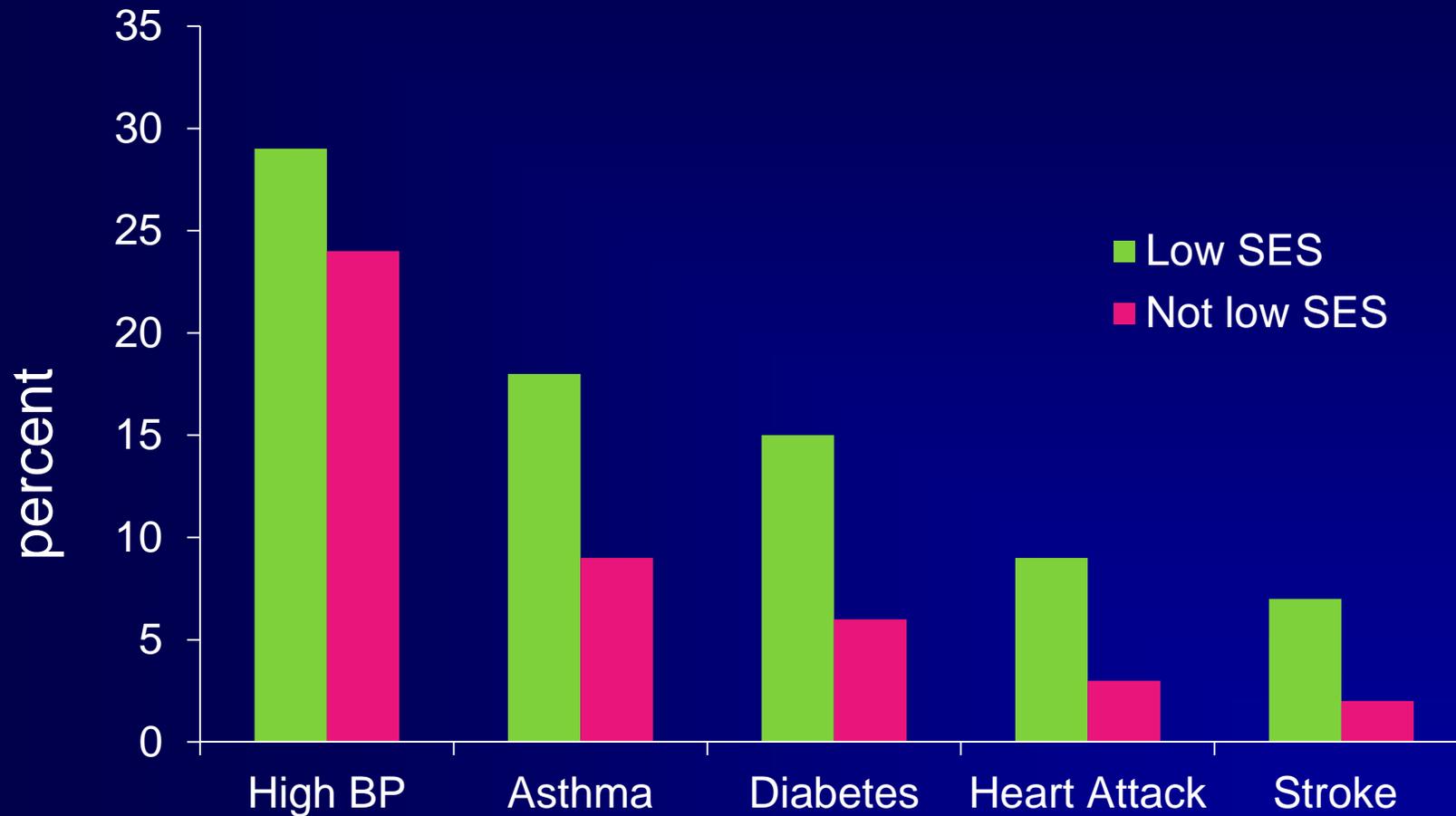


# Cancer cases and deaths

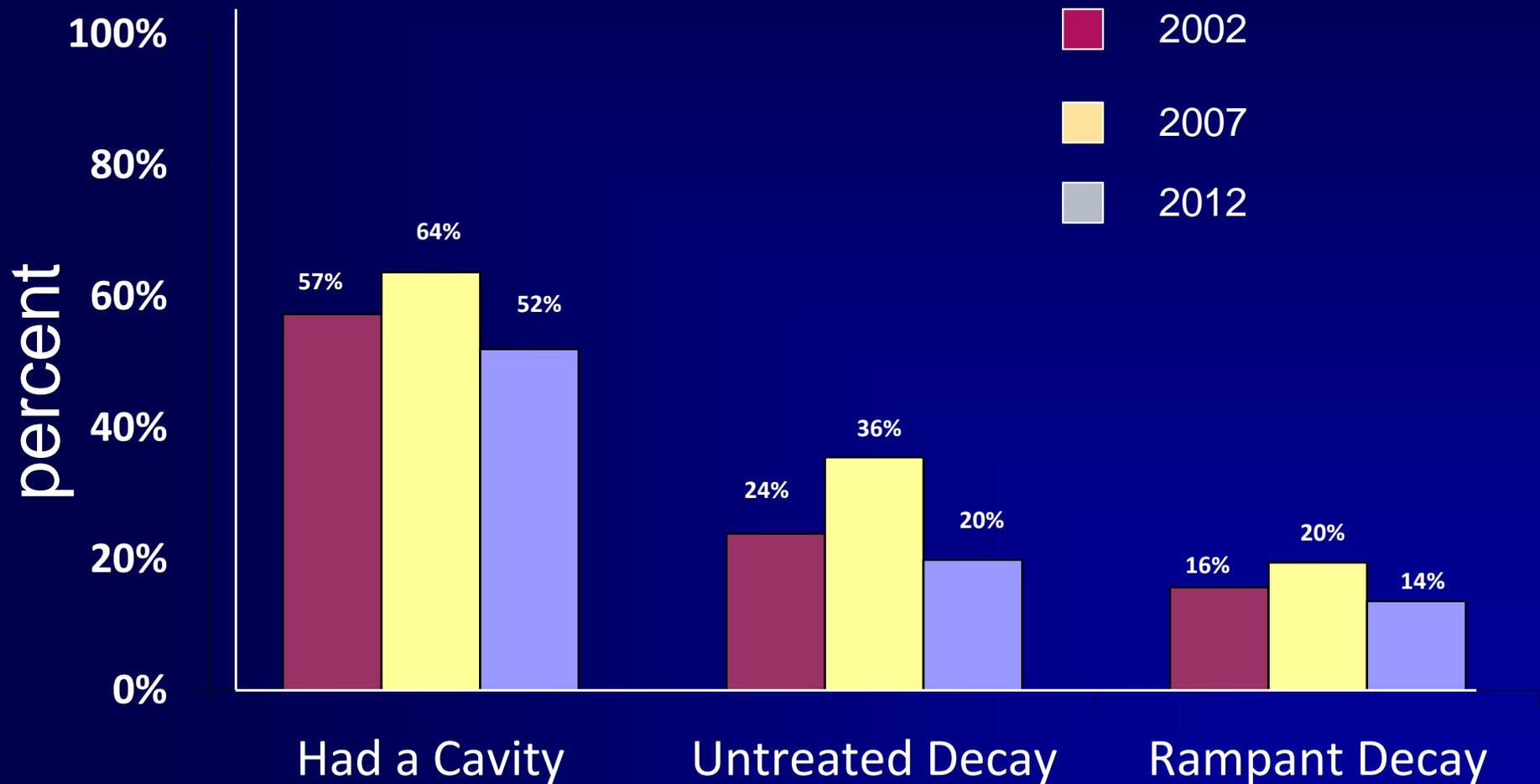
## Oregon men, 2010



# Chronic Conditions by SES

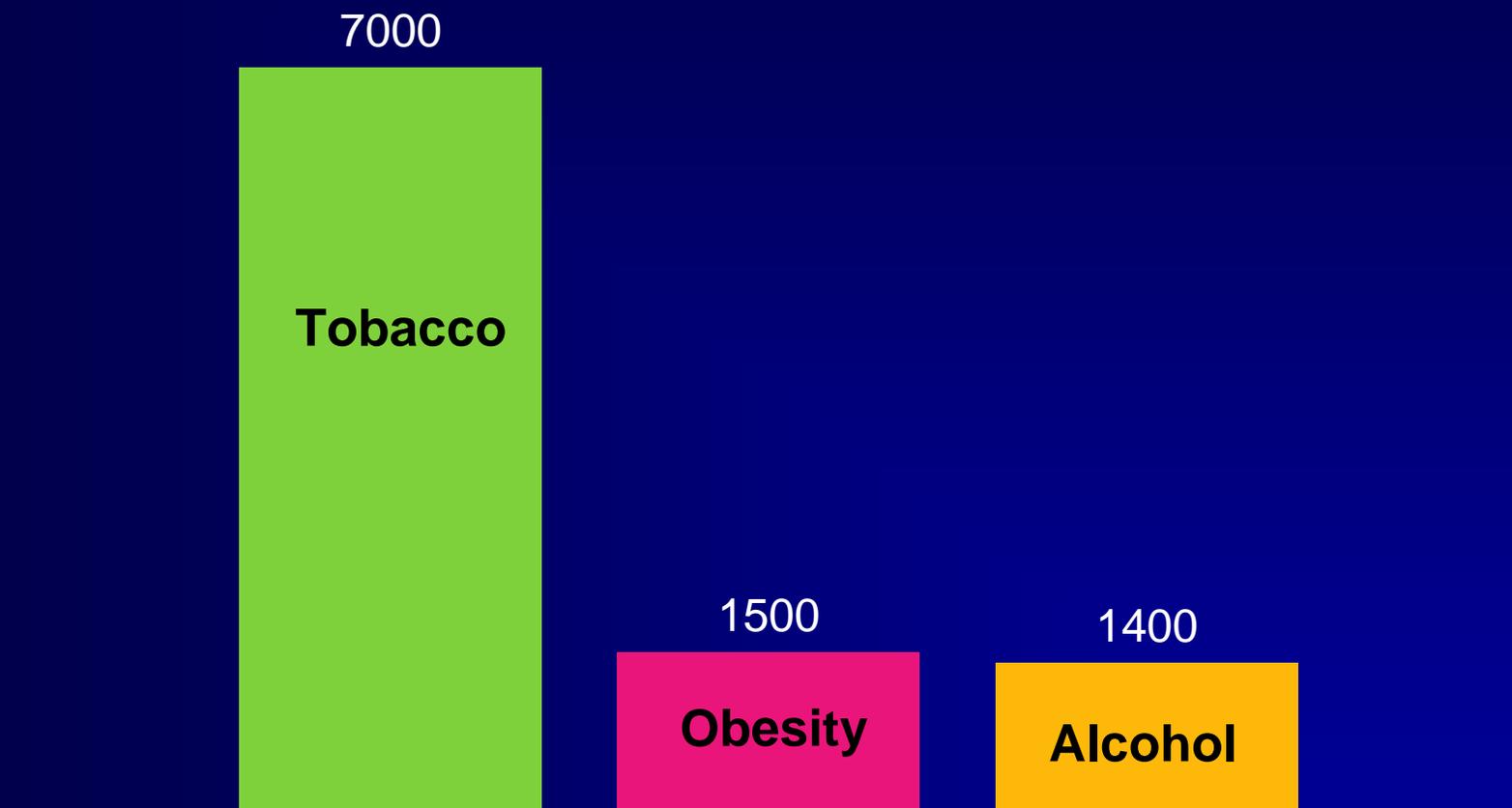


# Tooth Decay, 6-9 year olds, Oregon 2002-2012



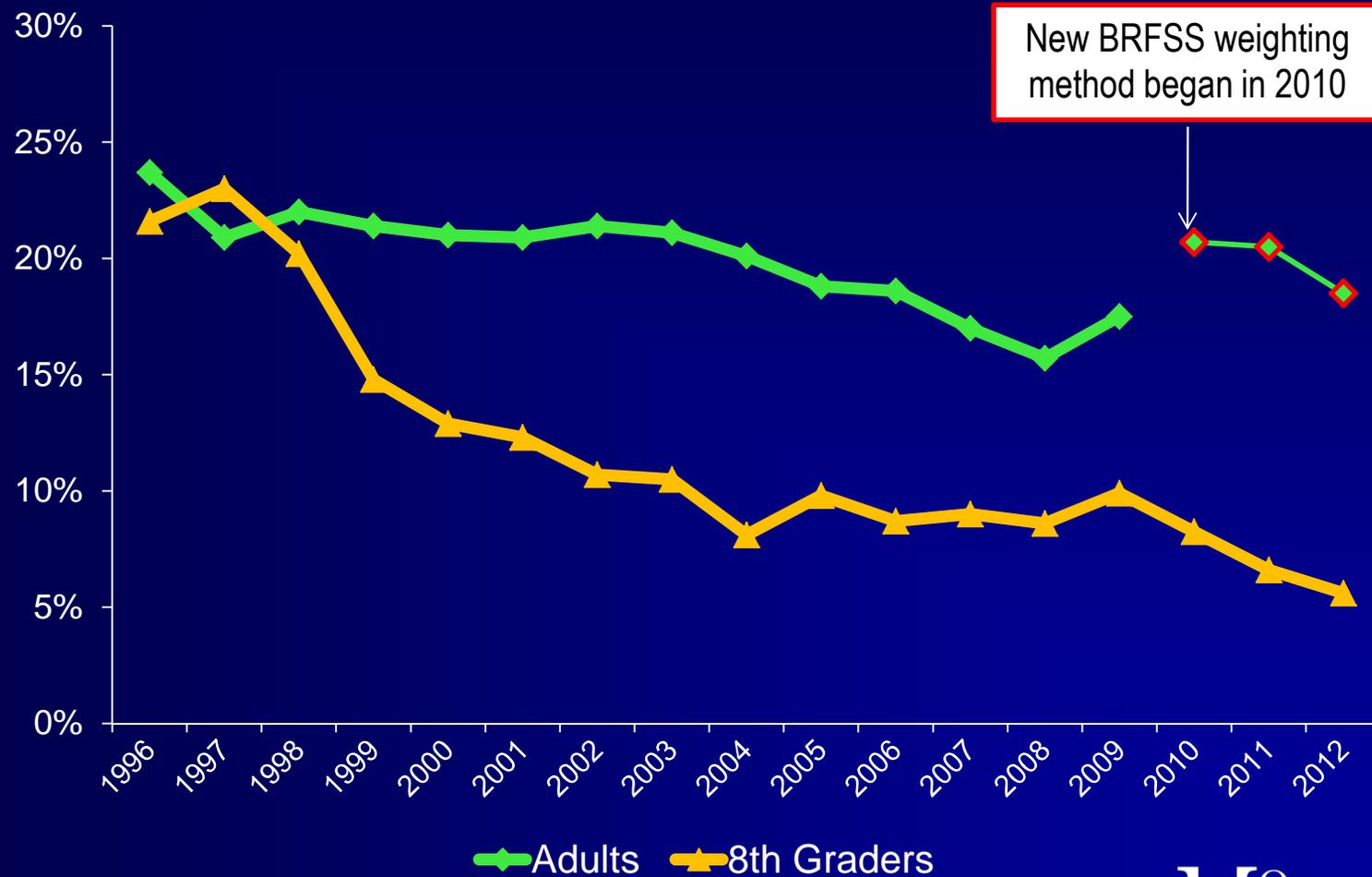
# Health Risk Behaviors

# Behaviors that Kill Oregonians

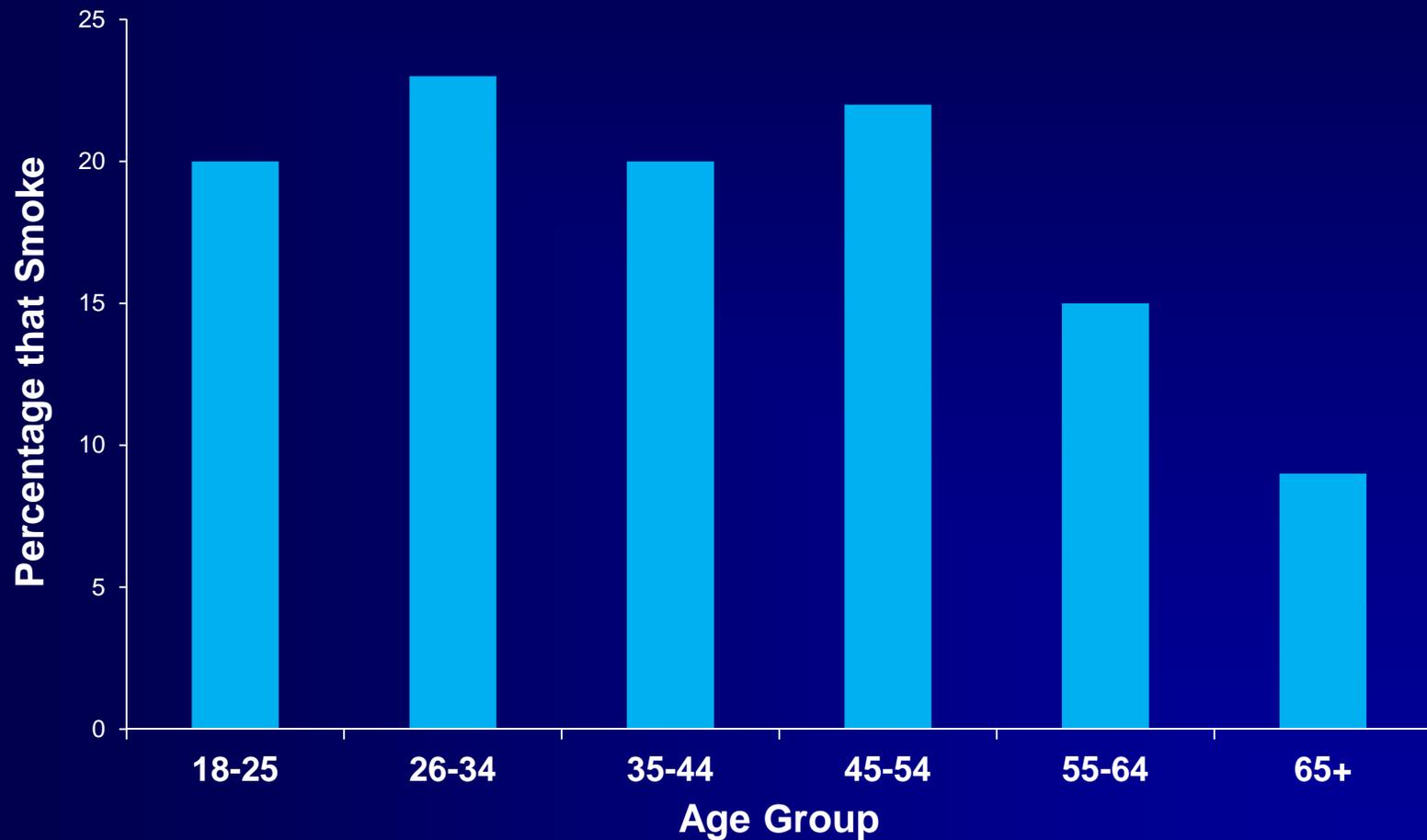


# Tobacco

# Cigarette smoking prevalence

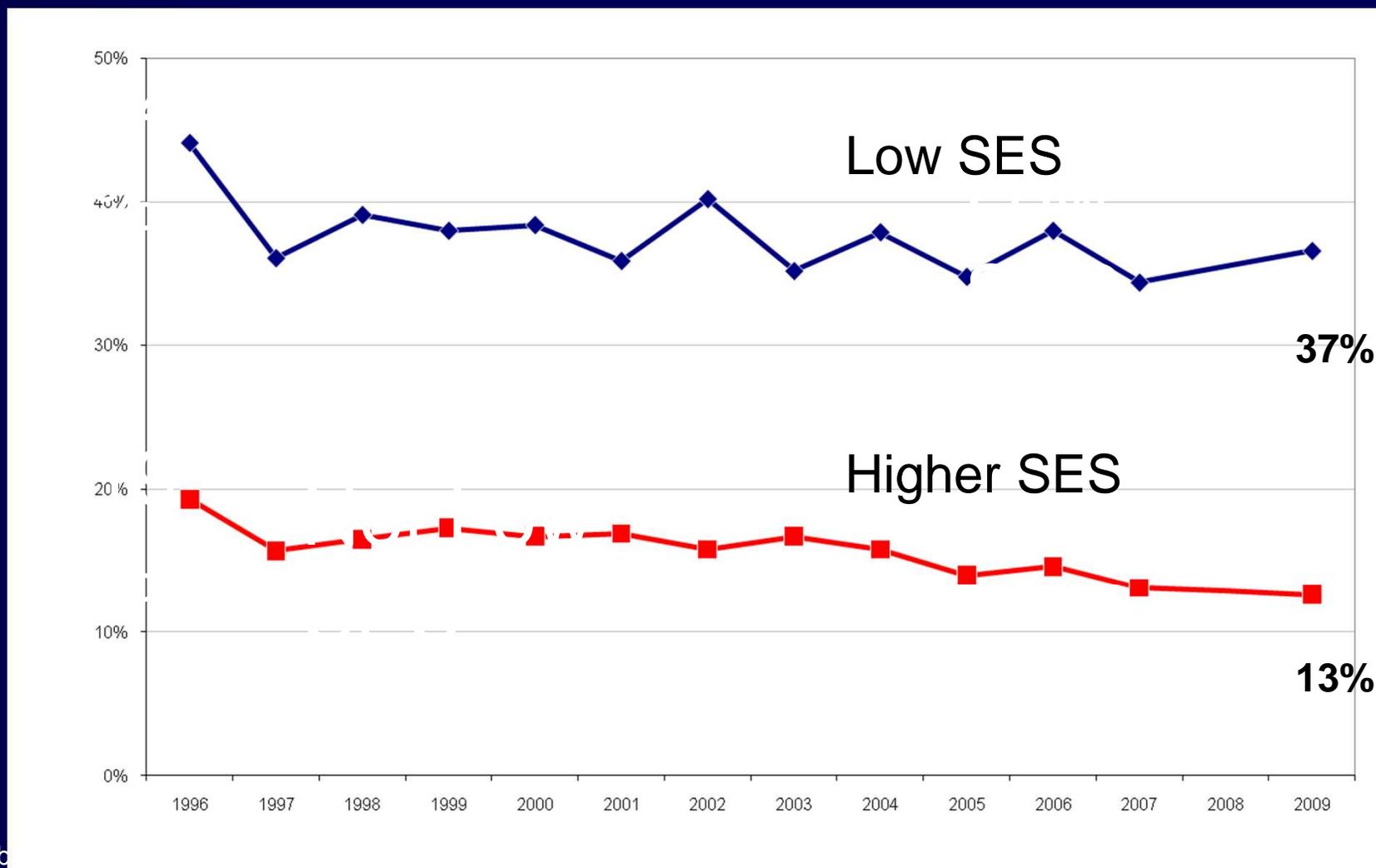


# Percentage of Adults who Smoke Oregon 2012



Source:  
Oregon Behavioral Risk Factor Surveillance System

# Smoking Prevalence by SES



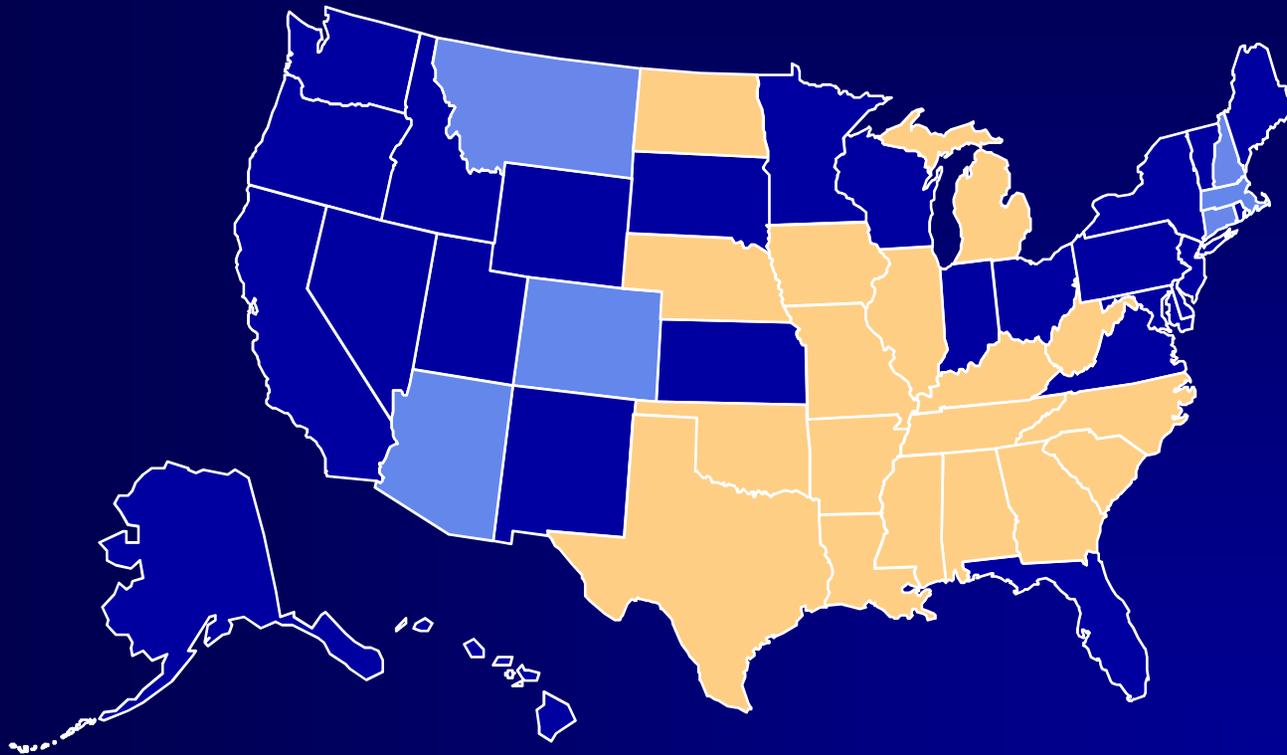
# Obesity: Nutrition / Physical Activity



# Obesity Trends\* Among U.S. Adults

## BRFSS, 1999

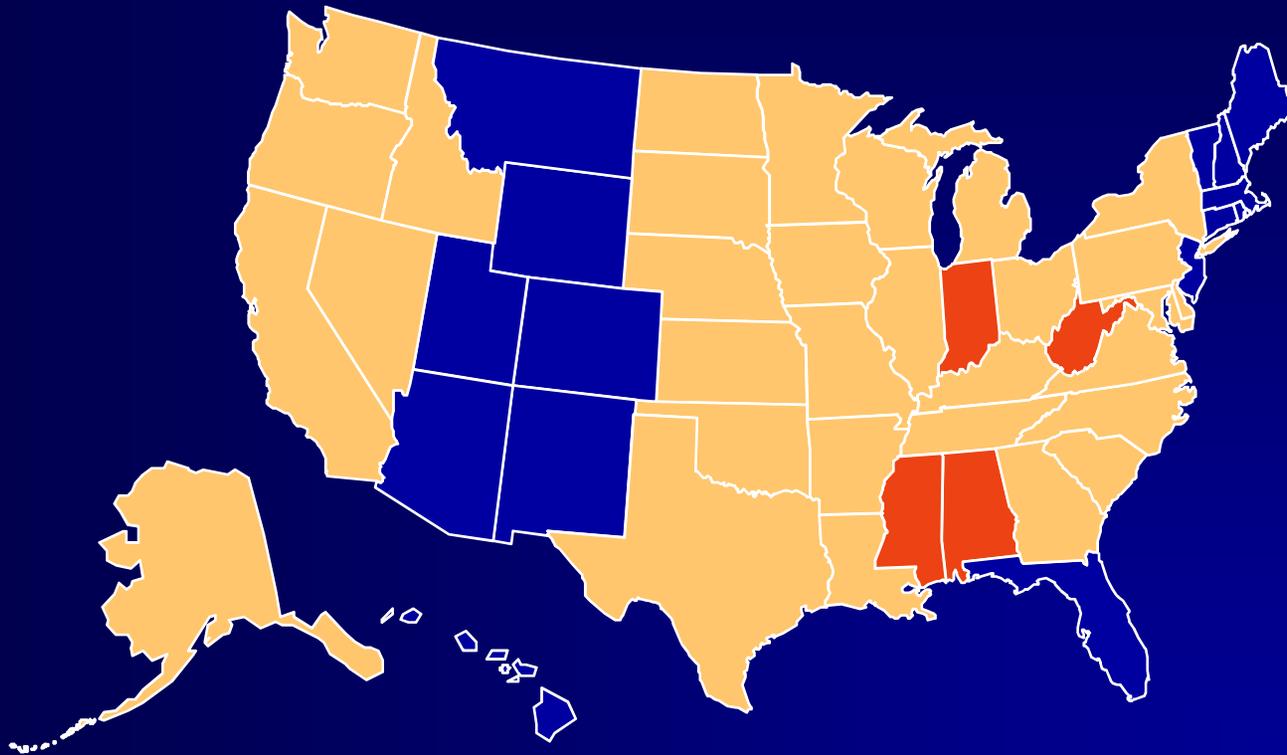
(\*BMI  $\geq 30$ , or  $\sim 30$  lbs. overweight for 5' 4" person)



# Obesity Trends\* Among U.S. Adults

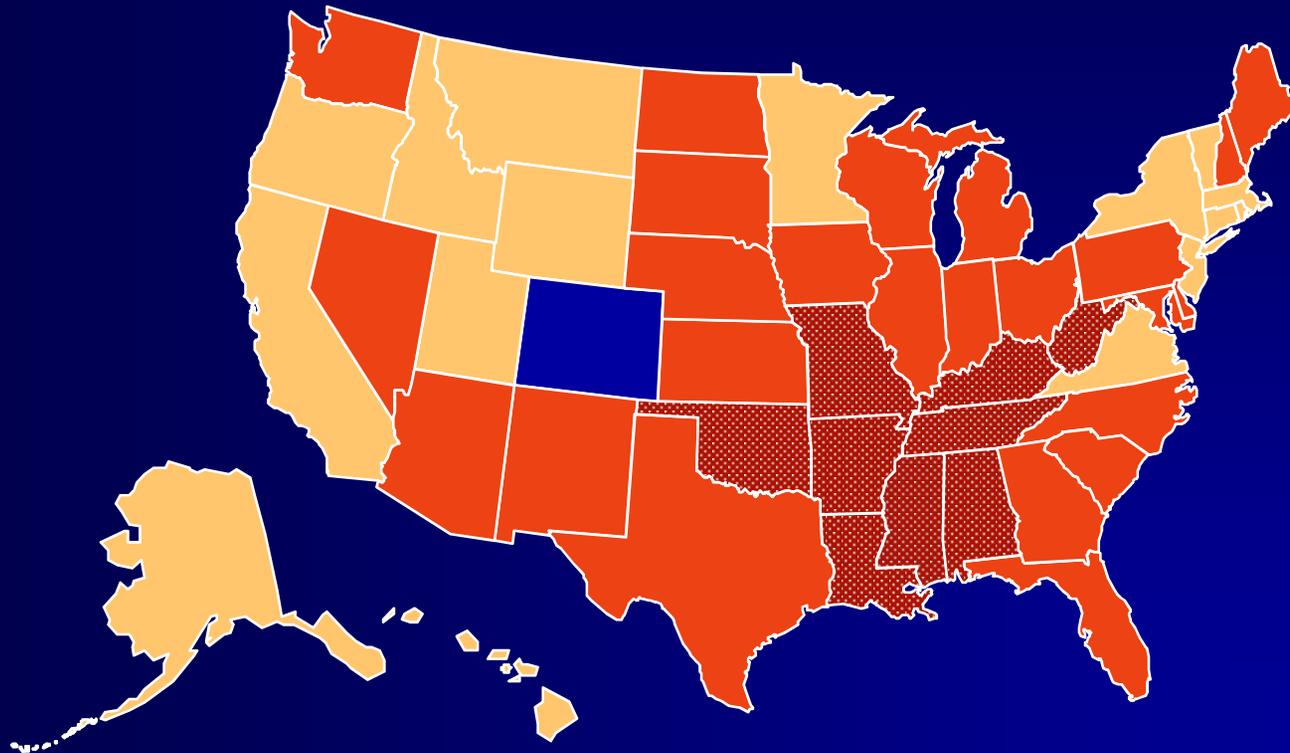
## BRFSS, 2003

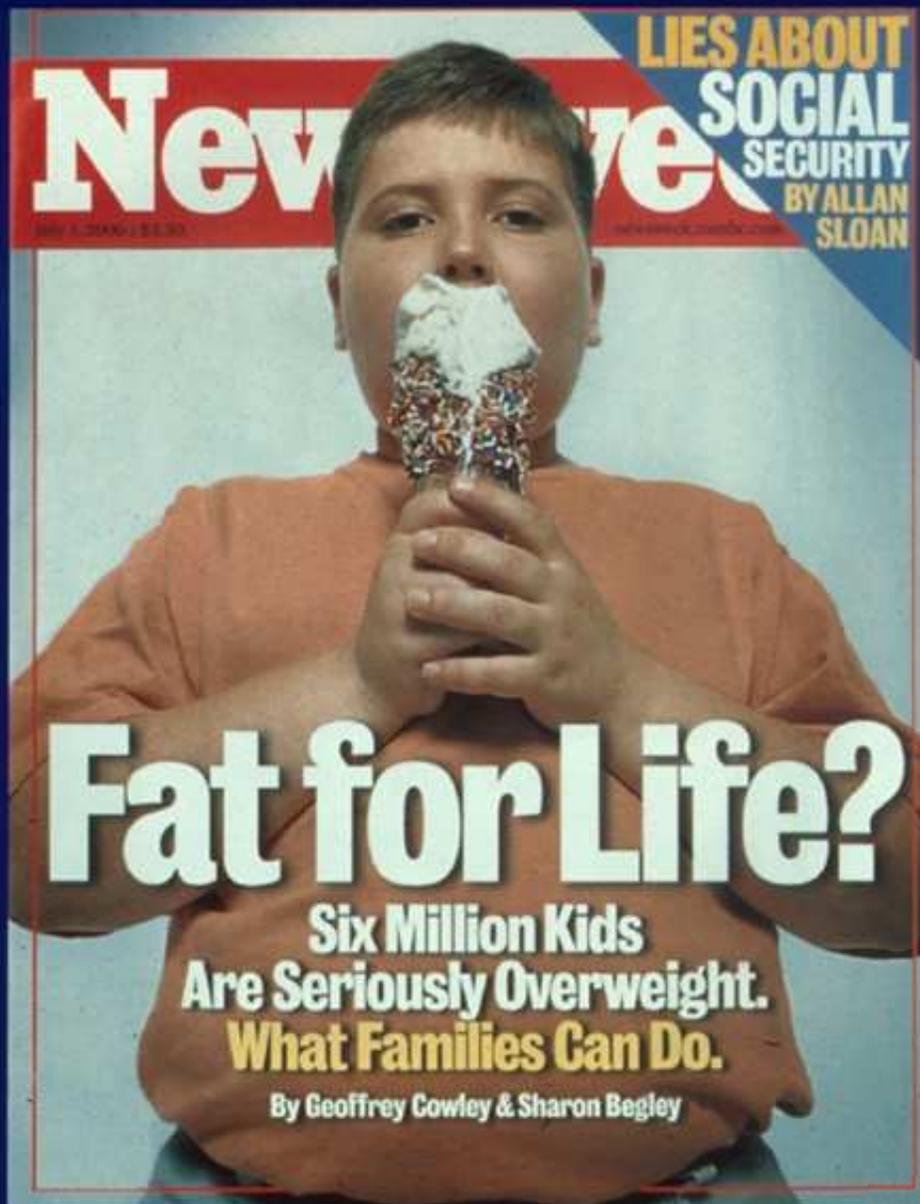
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# Obesity Trends\* Among U.S. Adults BRFSS, 2009

(\*BMI  $\geq 30$ , or  $\sim 30$  lbs. overweight for 5' 4" person)



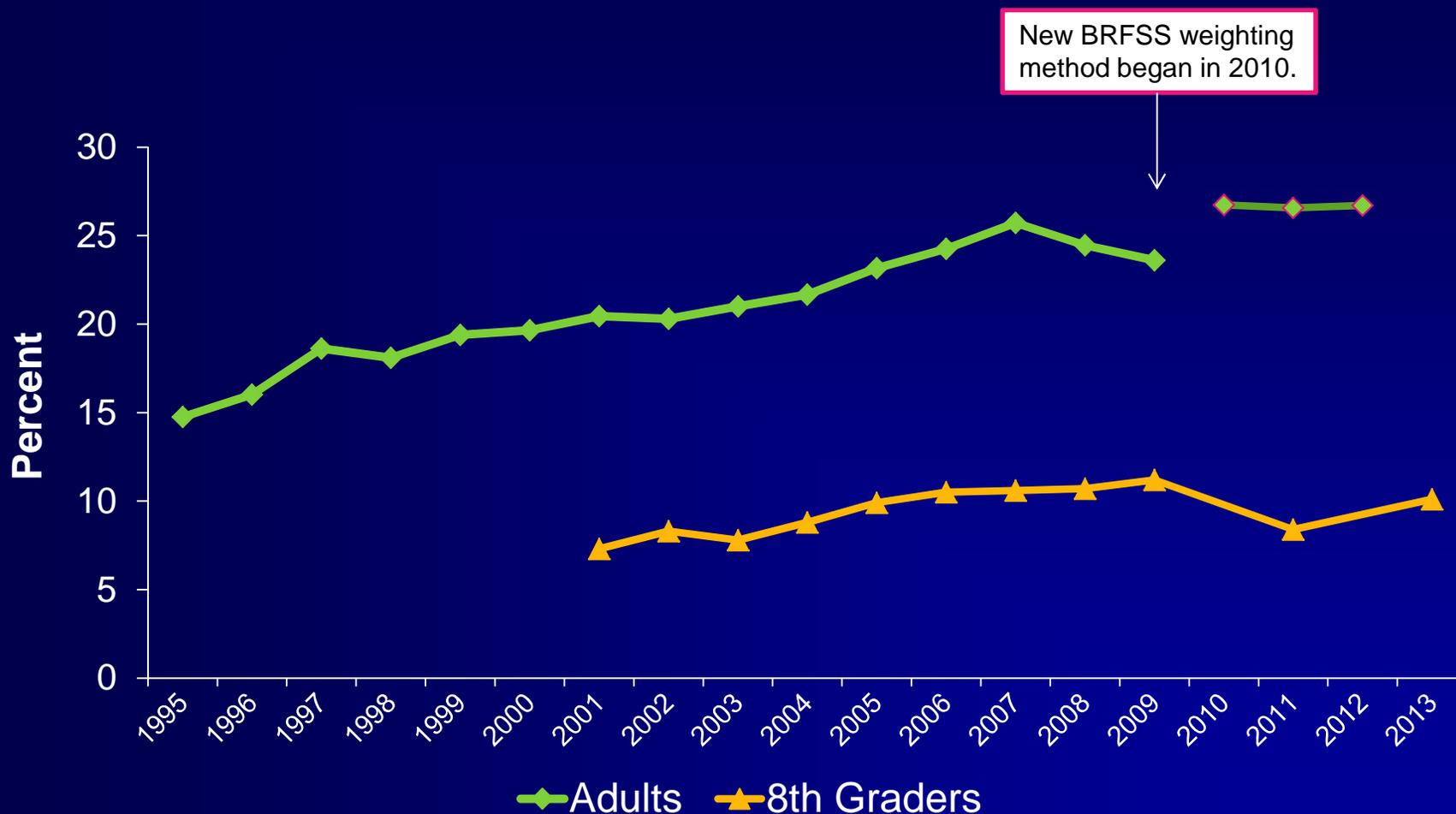


Public Health Division

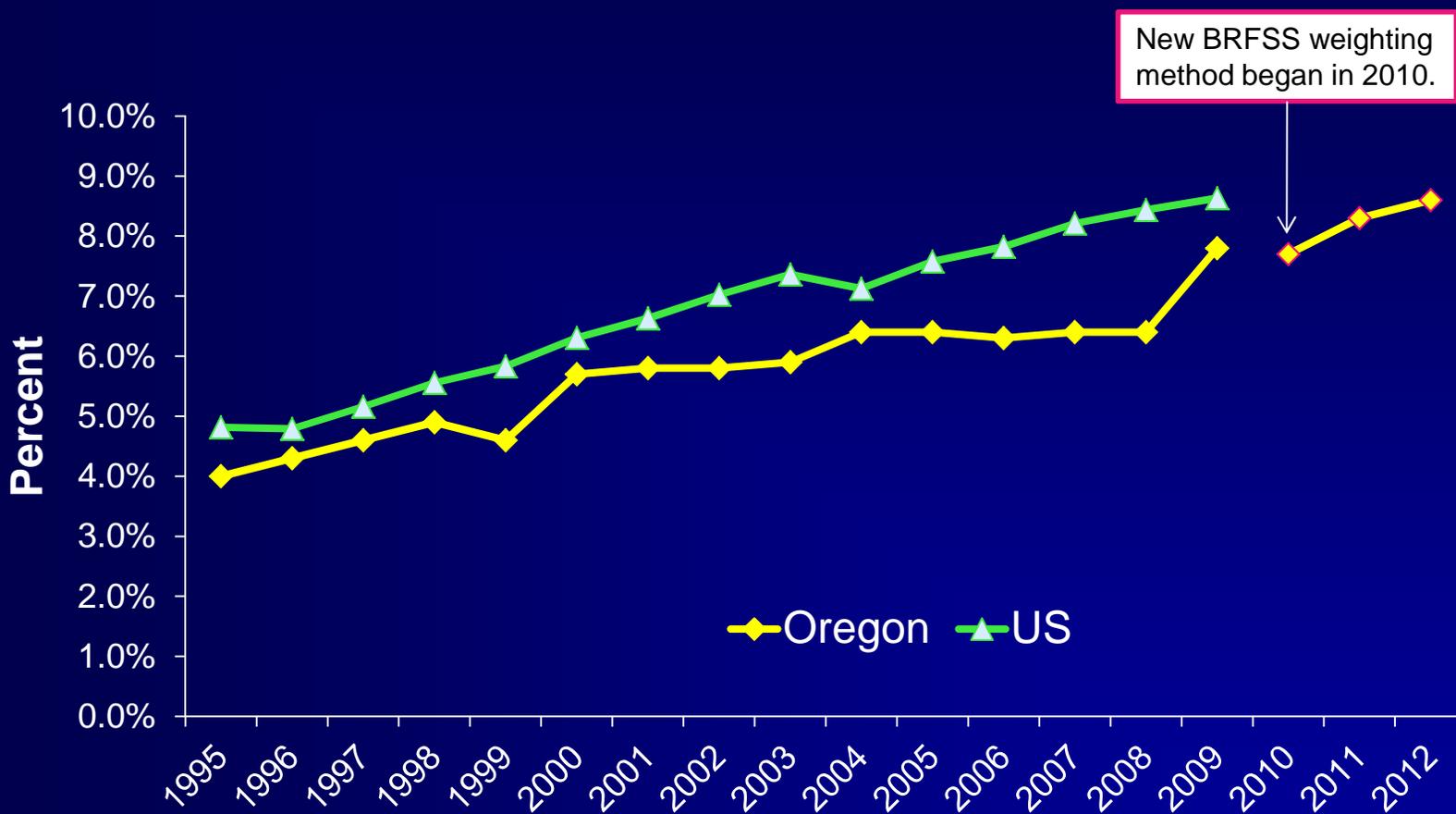
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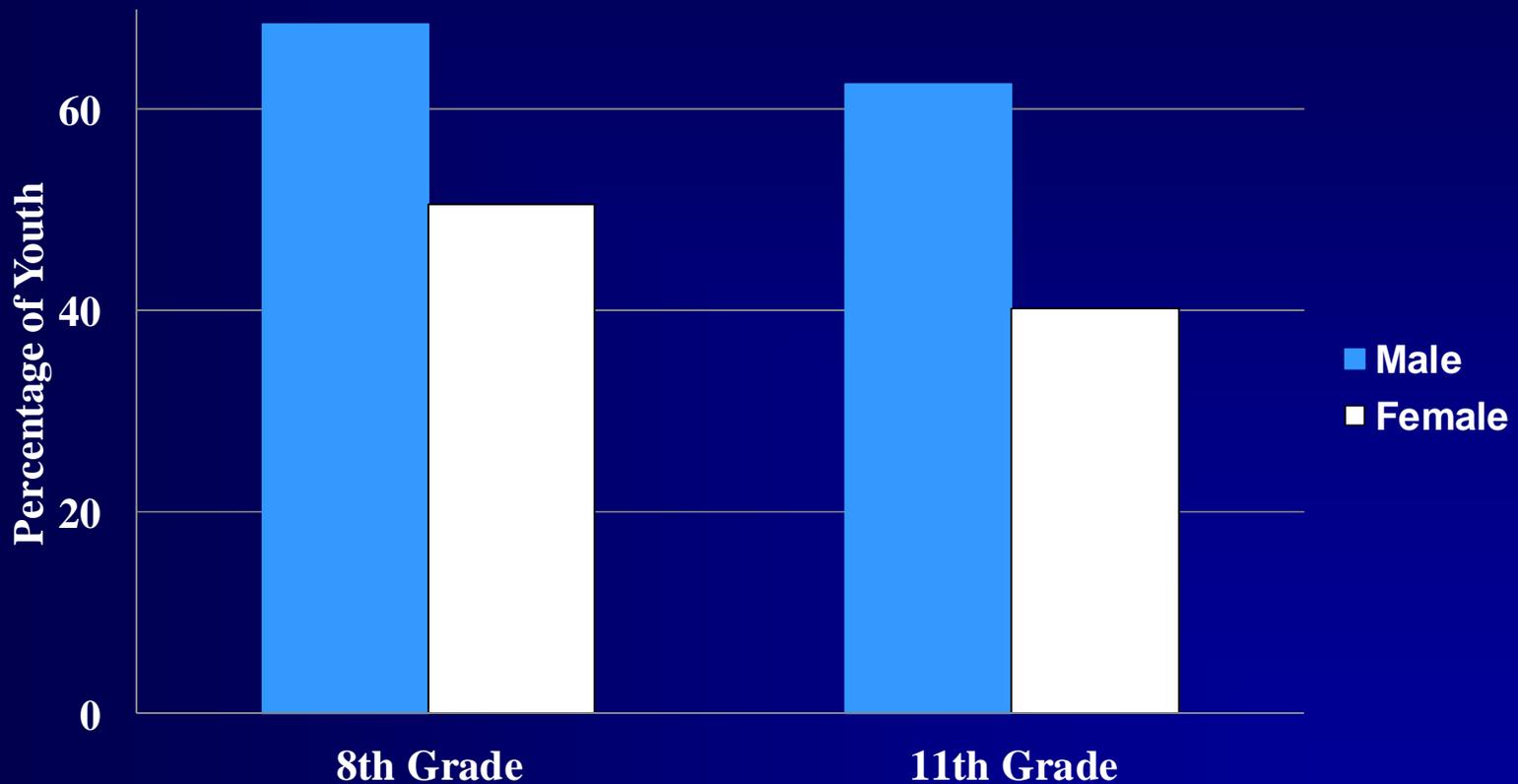
# Obesity in Oregon Adults and 8th Graders



# Oregon Diabetes Prevalence



# Oregon Teens Exercising $\geq 60$ min/ day, $\geq 5$ days per week, 2013

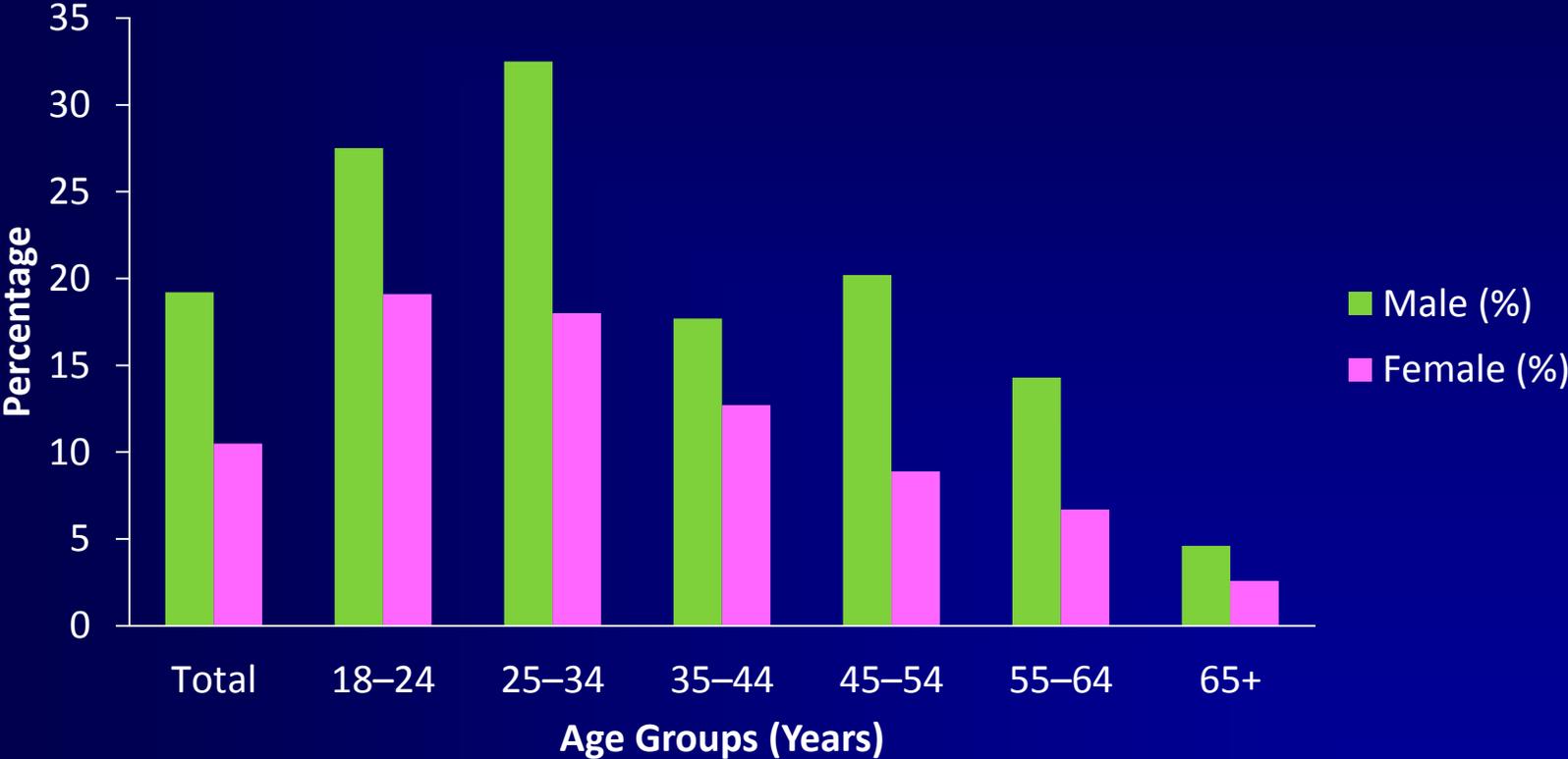


Source:

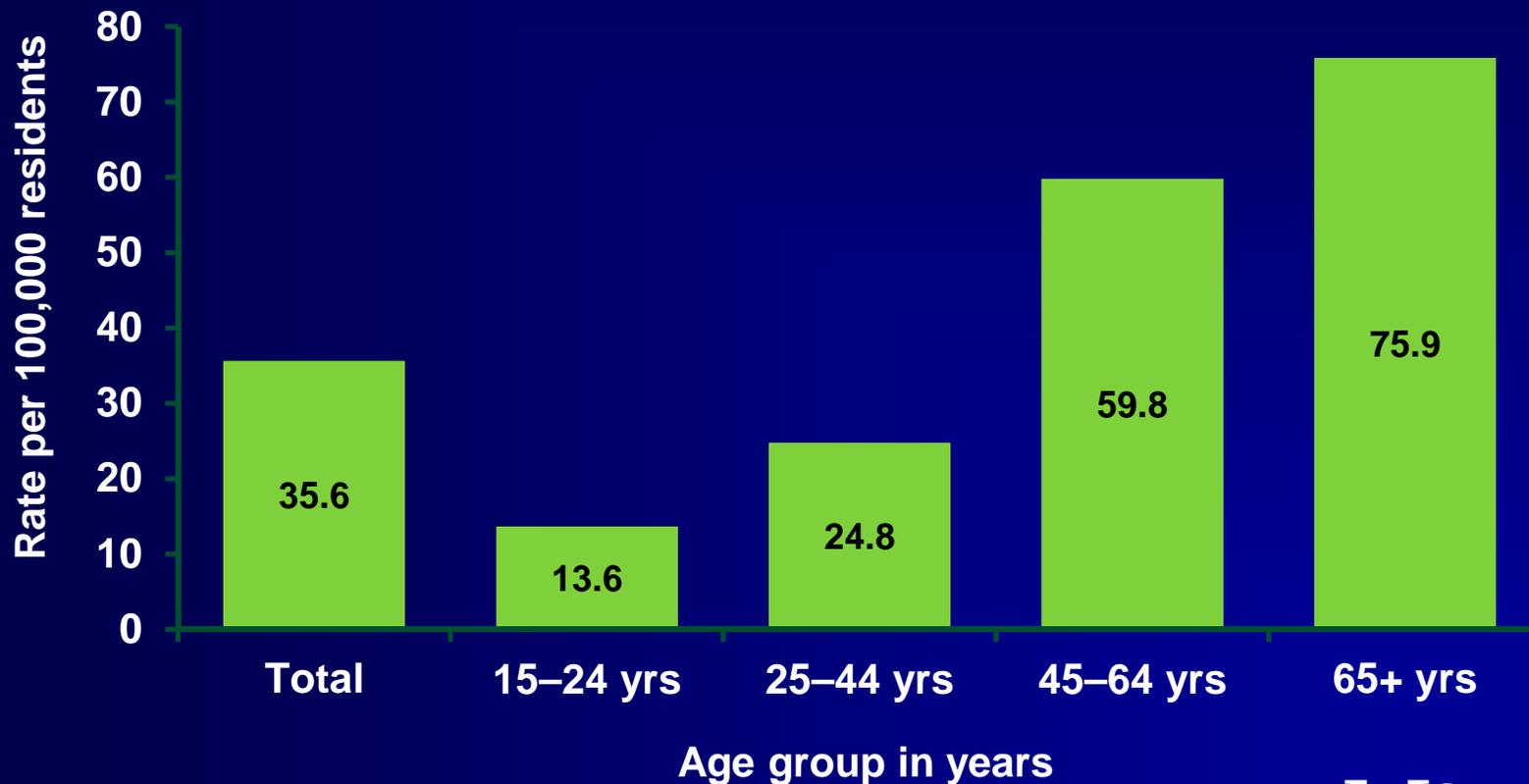
Oregon Healthy Teens

# Alcohol

# Binge Drinking in Adults by Age; Oregon, 2011



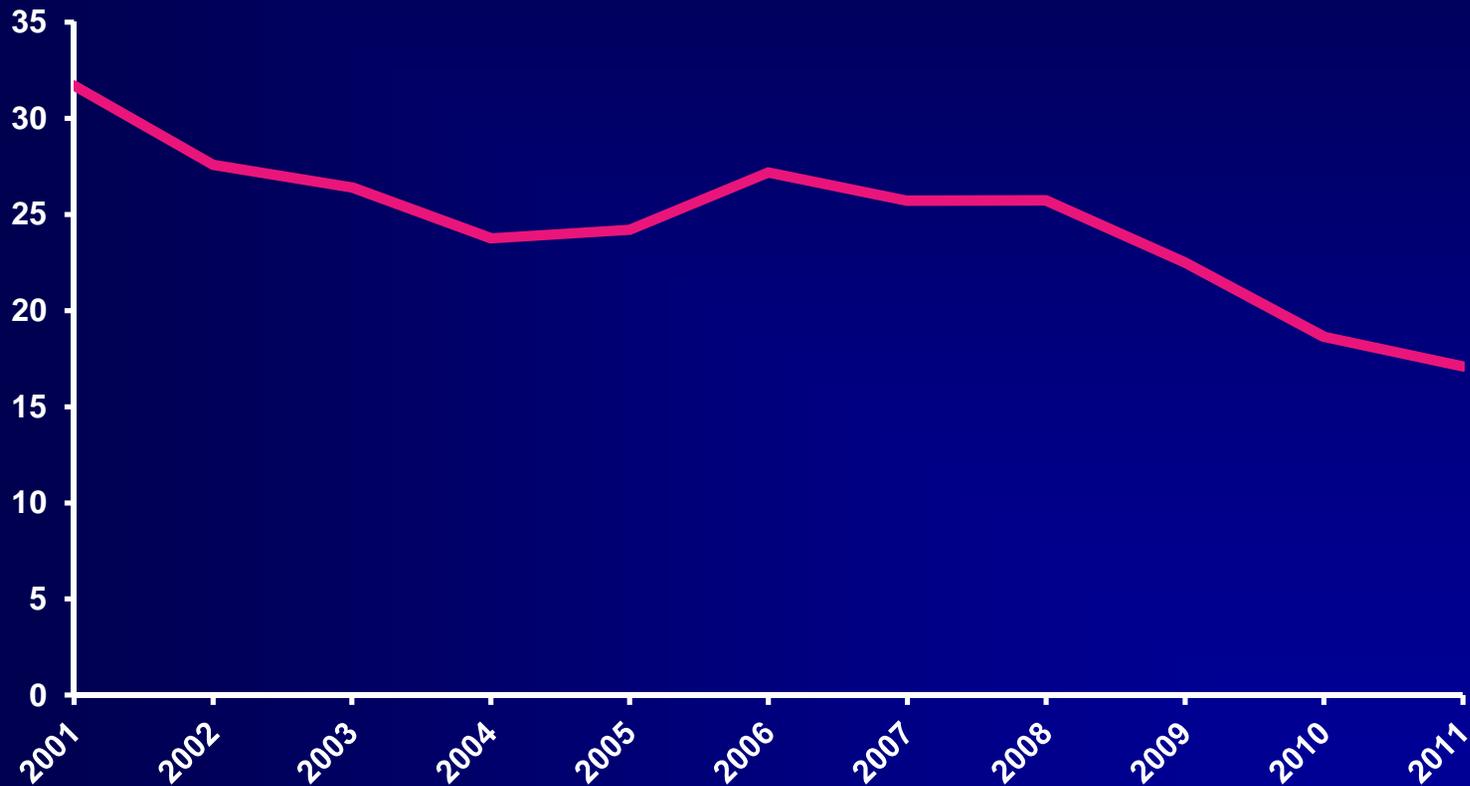
# Alcohol-related deaths, by age group, Oregon, 2011



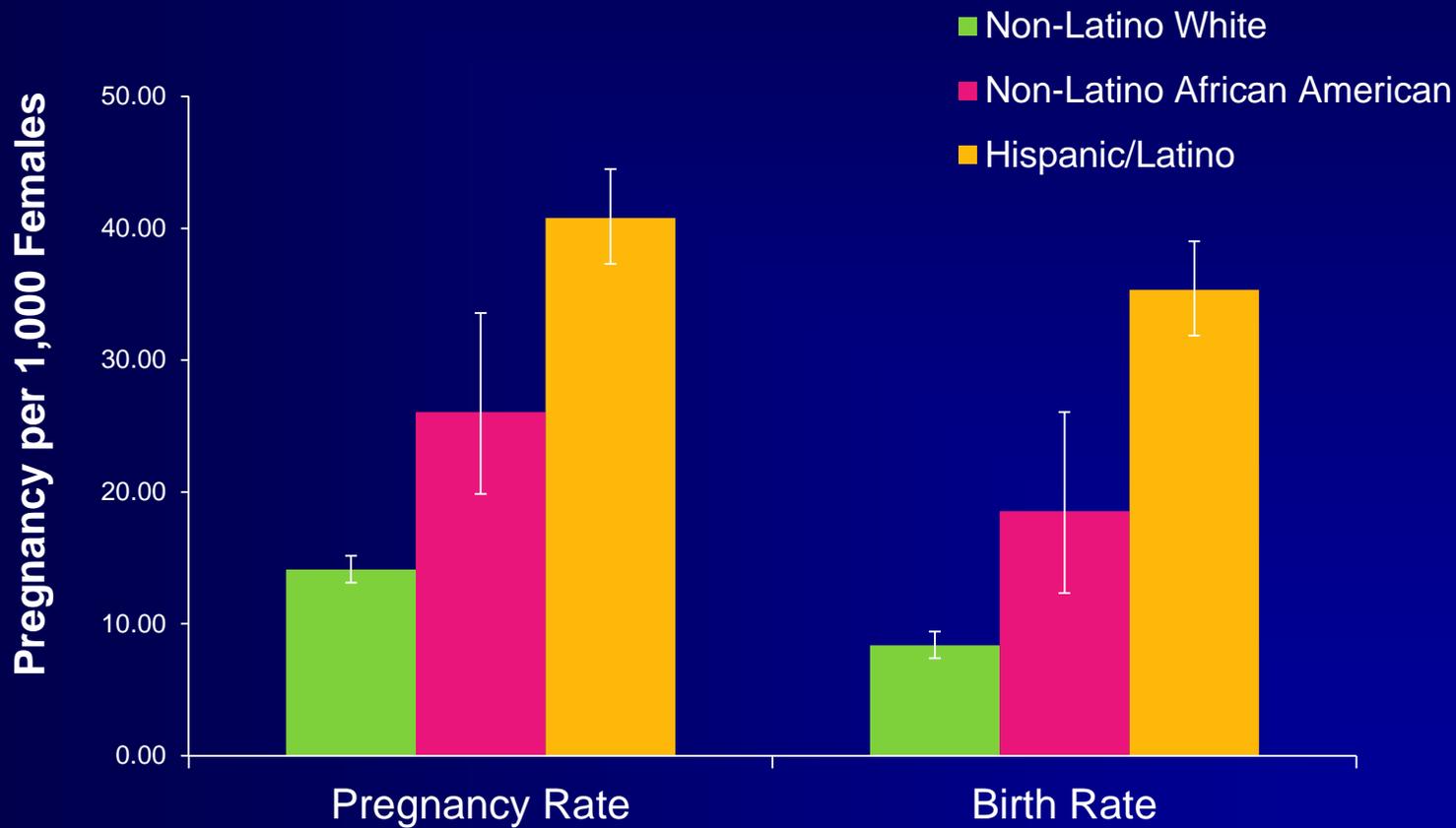
# Teen Births

# Oregon Teen Pregnancy (15-17 yrs)

Rate per 1,000 females

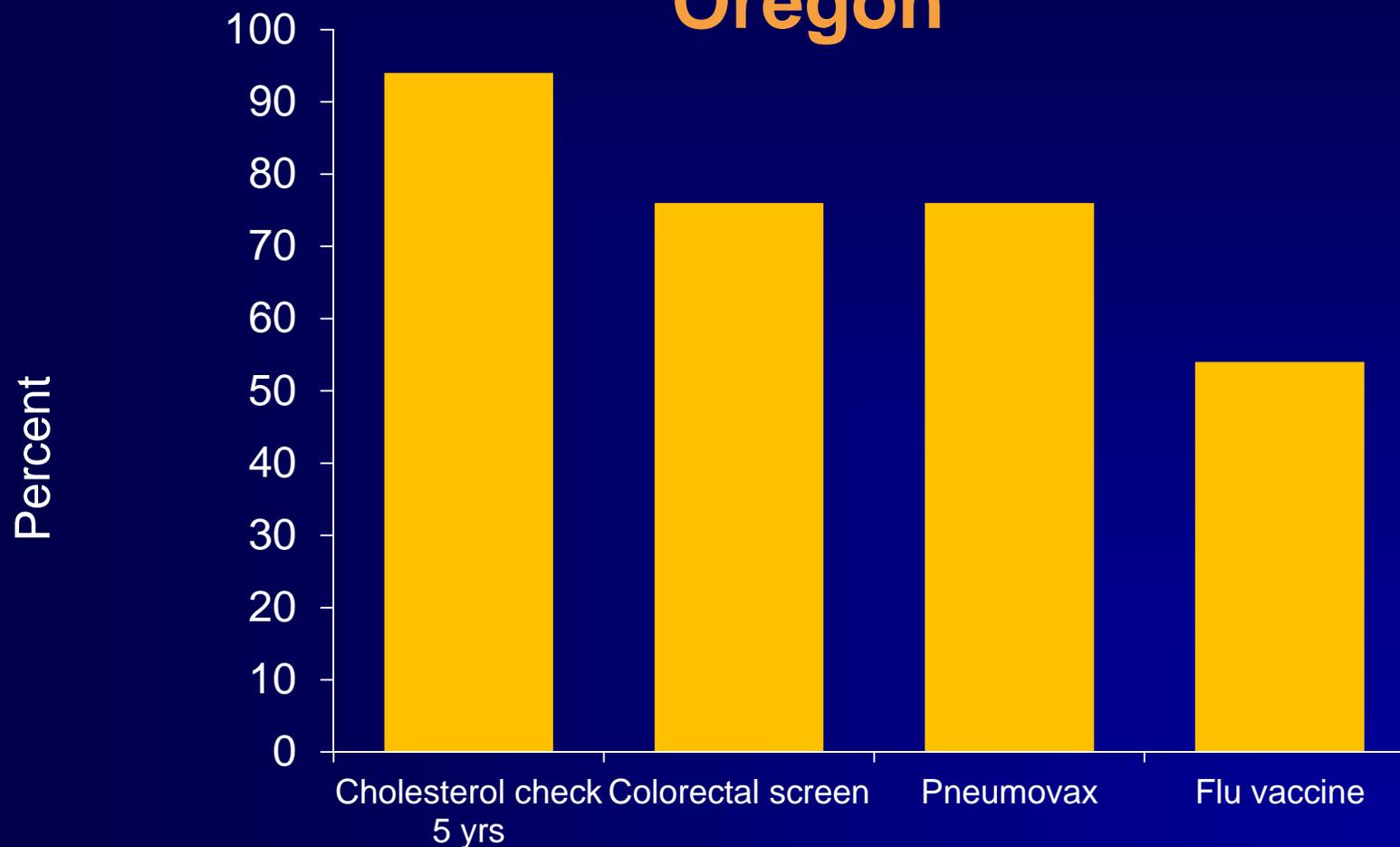


# Teen Pregnancy Rates by Race / Ethnicity, 2010

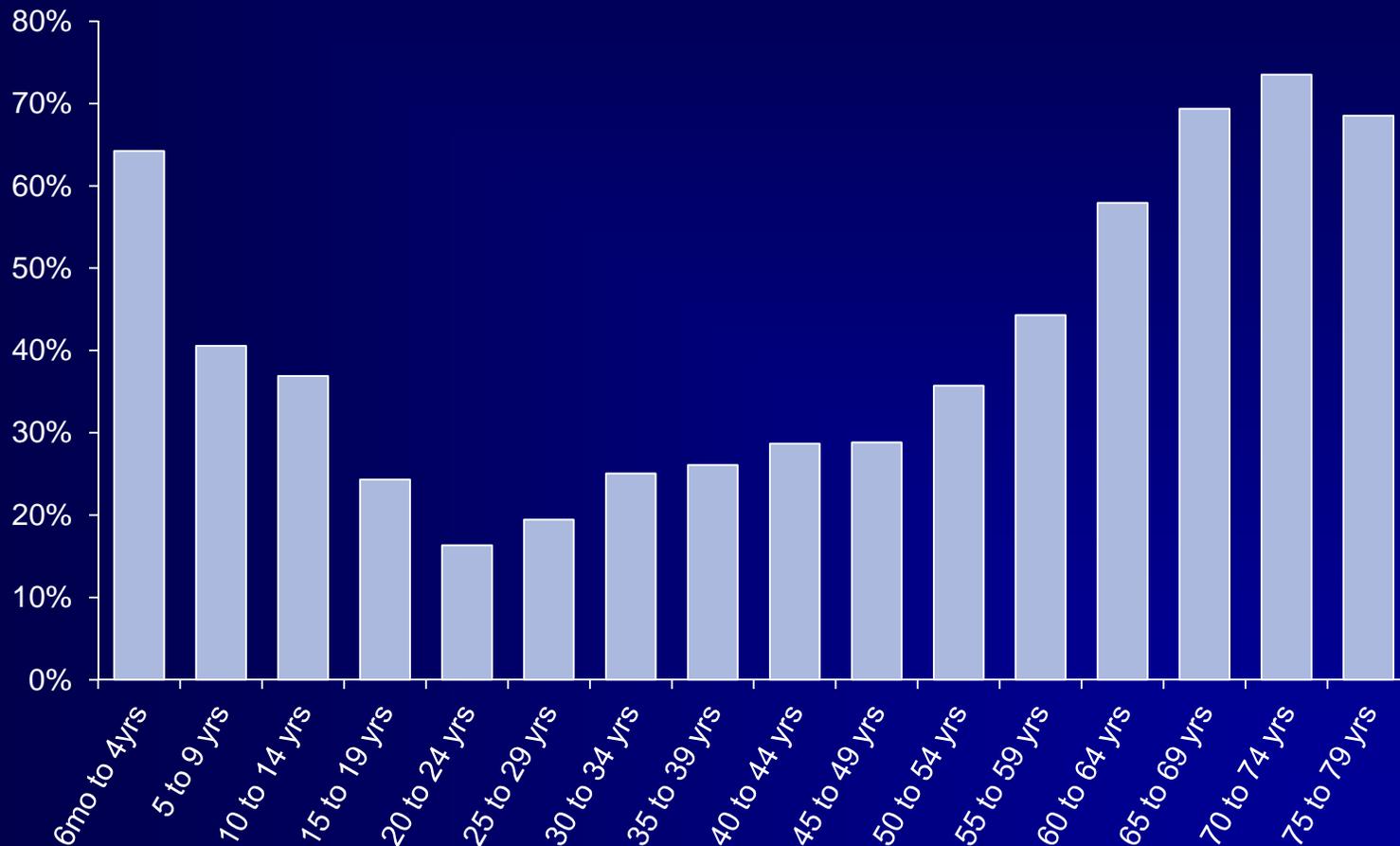


# Preventive Services

# Preventive Services in Adults 65+ yrs Oregon

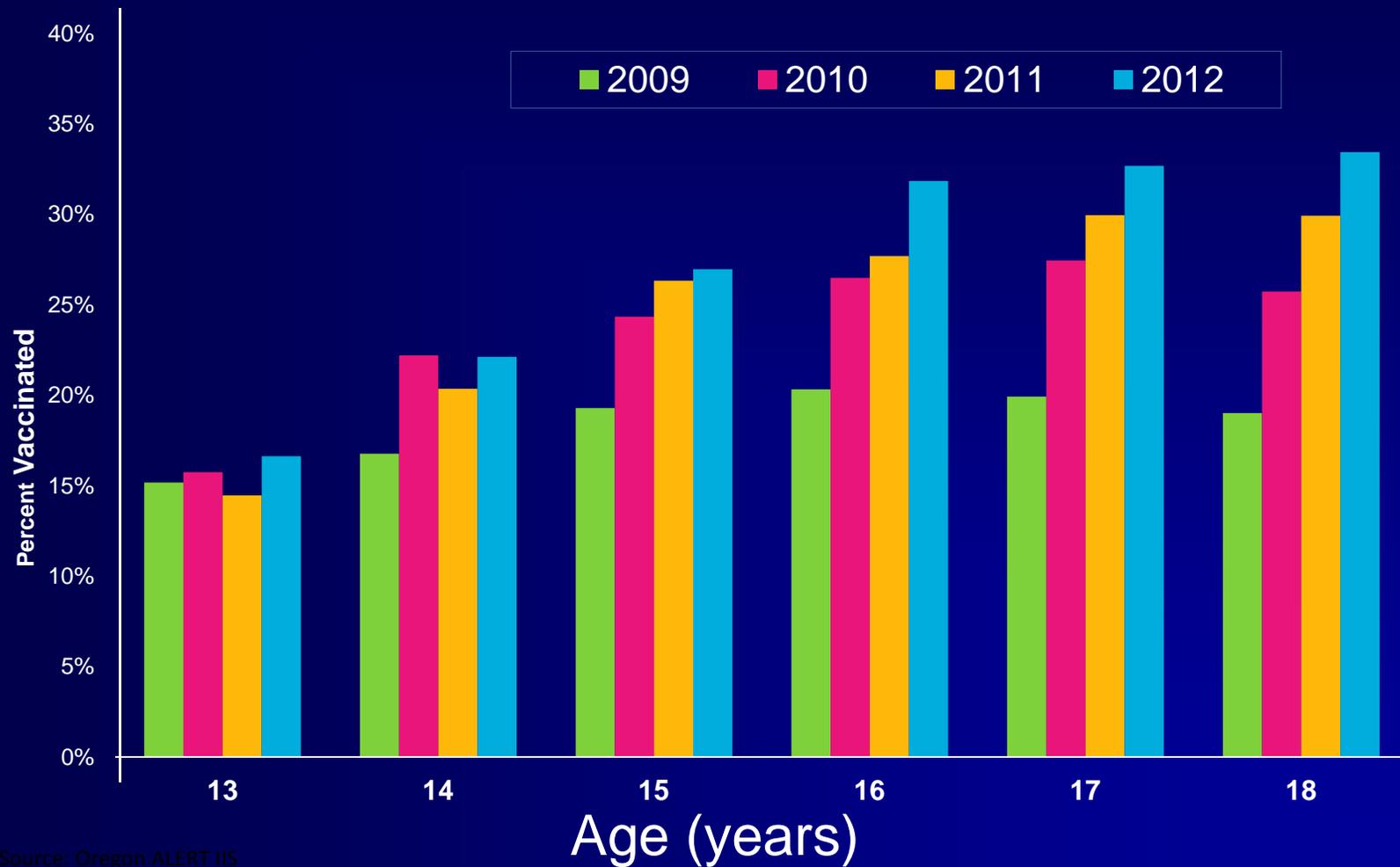


# Influenza Immunization Rates, Oregon 2013-2014



Source: Oregon Immunization Program, Oregon Health Authority

# Three-dose HPV vaccine; Portland-metro area girls 13-18 yrs



Source: Oregon ALERT IIS

# Moving Forward

- People are living longer; more chronic diseases
- Health disparities by SES, race/ ethnicity
- Collaboration needed between: public health; health care system; education; social services; not-for-profit; business; academia; policy-makers; public

# Questions?

Contact: [katrina.hedberg@state.or.us](mailto:katrina.hedberg@state.or.us)

Suggestions for updates to indicators:  
[juanita.a.heimann@state.or.us](mailto:juanita.a.heimann@state.or.us)