
Population Health Data for Local Health Departments

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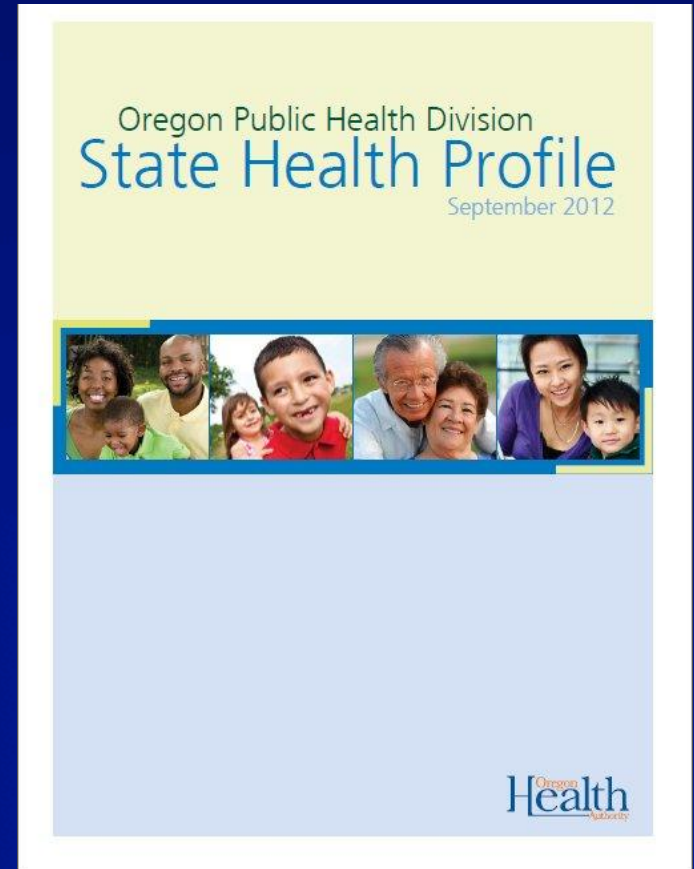


June 25, 2015



State Health Profile

- 70+ population health indicators
- Array: social context, disease outcomes, behaviors, healthcare access, disparities
- Available by Race/ethnicity; CCO region



Traditional Public Health Data

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

Care Coordination/ Service Delivery

- Service receipt:
 - Vaccines; C-care; HIV care; WIC
- Hospital discharge data
- All payer/ all claims data
- Electronic Health Records:
 - health information exchange

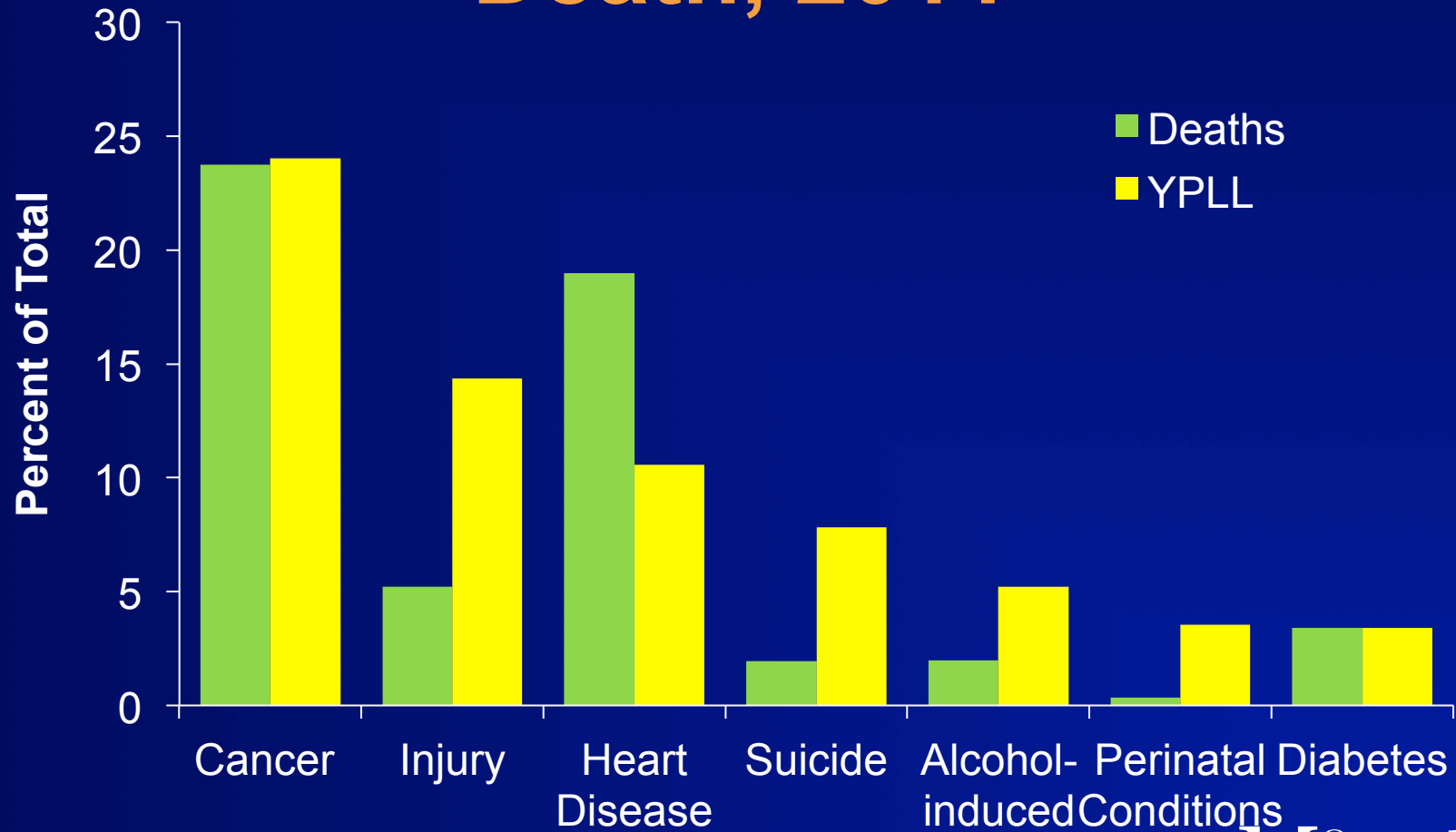
Newer sources of data

- Socio-economic indicators
- Economic:
 - tobacco tax receipts,
 - Hospitalization/ health care costs
- Environmental:
 - density of fast food restaurants,
 - side walks

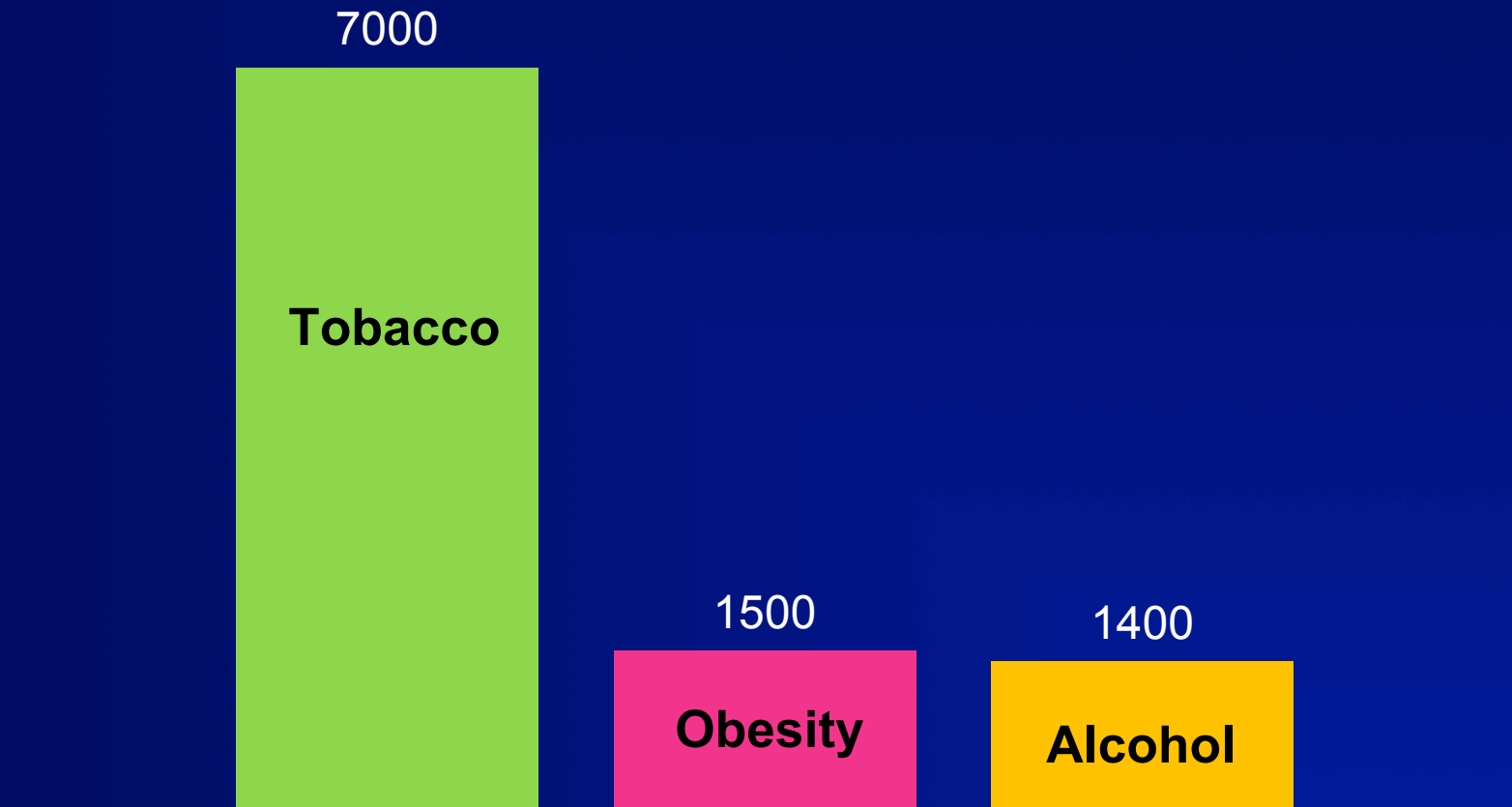
Promising (?) sources

- Electronic Health Records (health information exchange)
- Google hits
- Social media (facebook, twitter, blogs)
- Other?

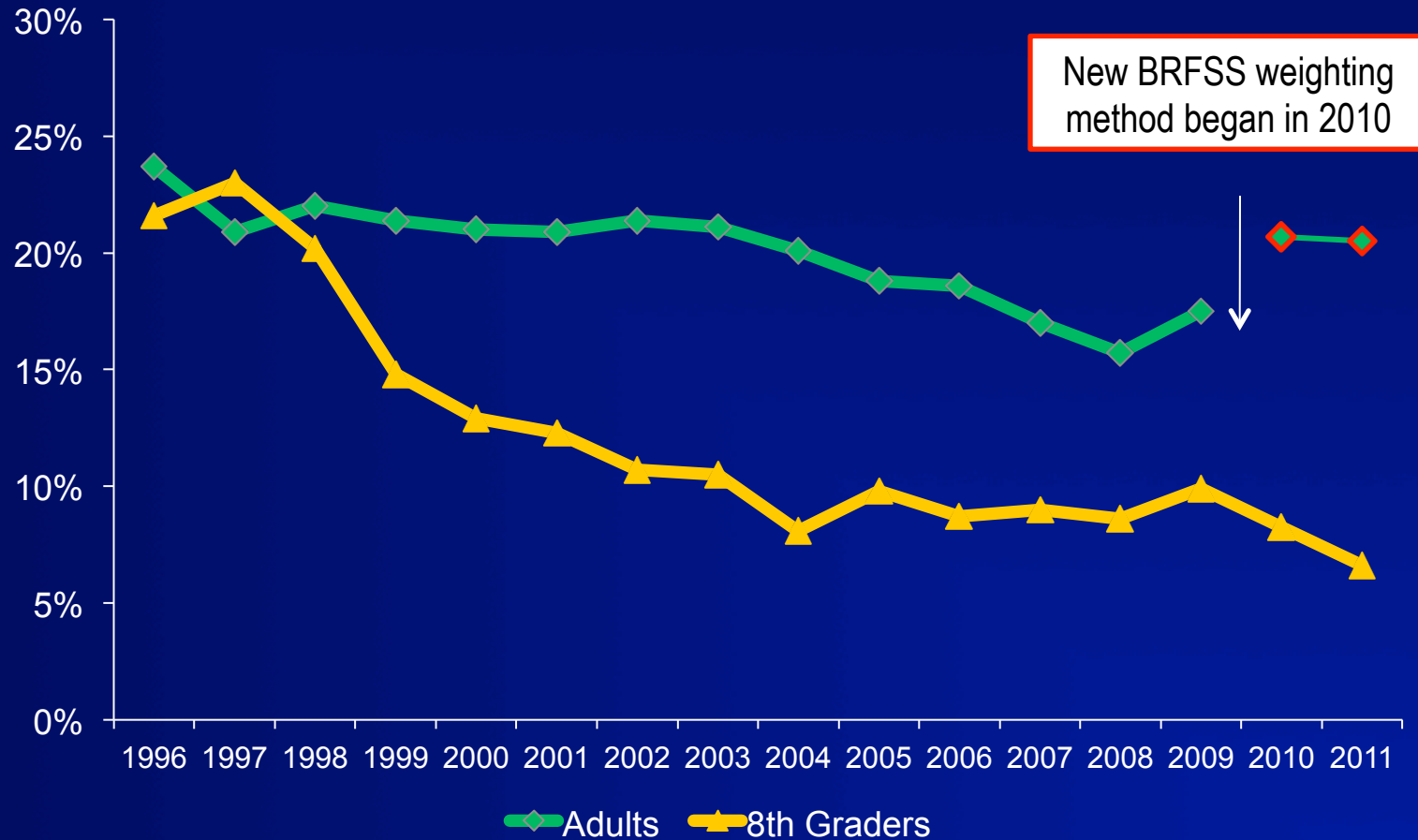
Causes of Death & Premature Death, 2011



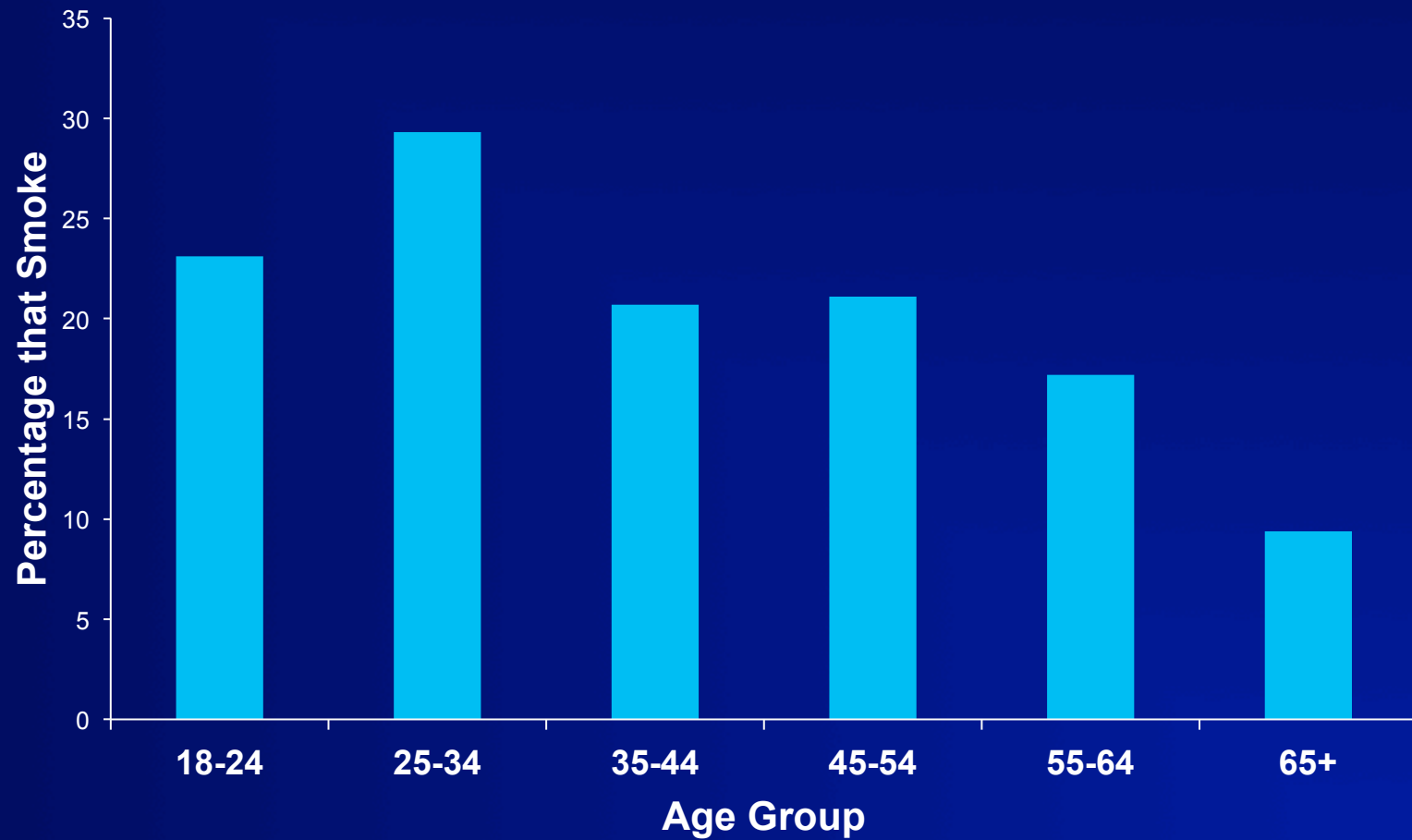
Behaviors that Kill Oregonians



Cigarette Smoking by Year, Oregon 1996 - 2011

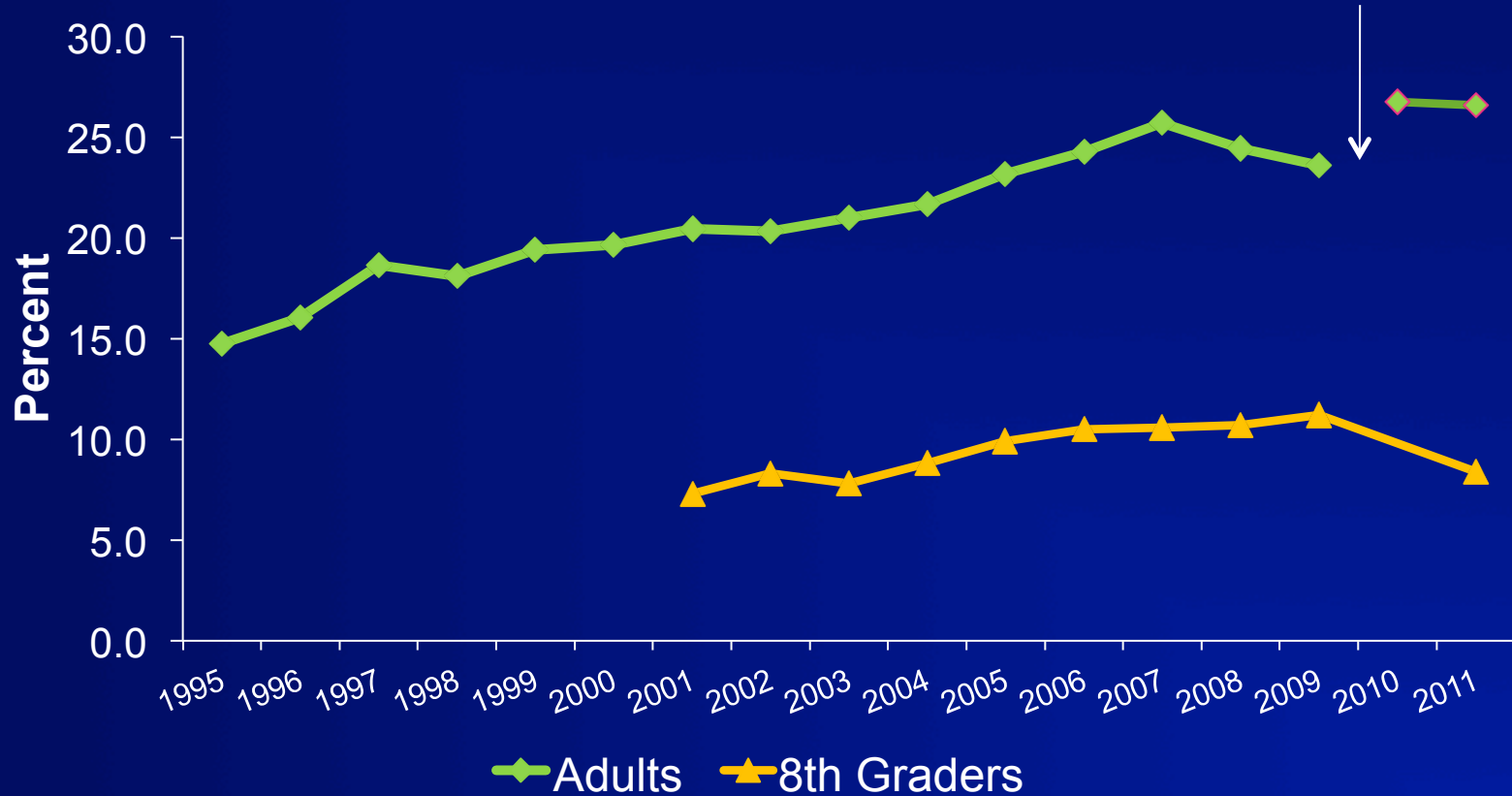


Adults who Smoke by Age, Oregon 2011



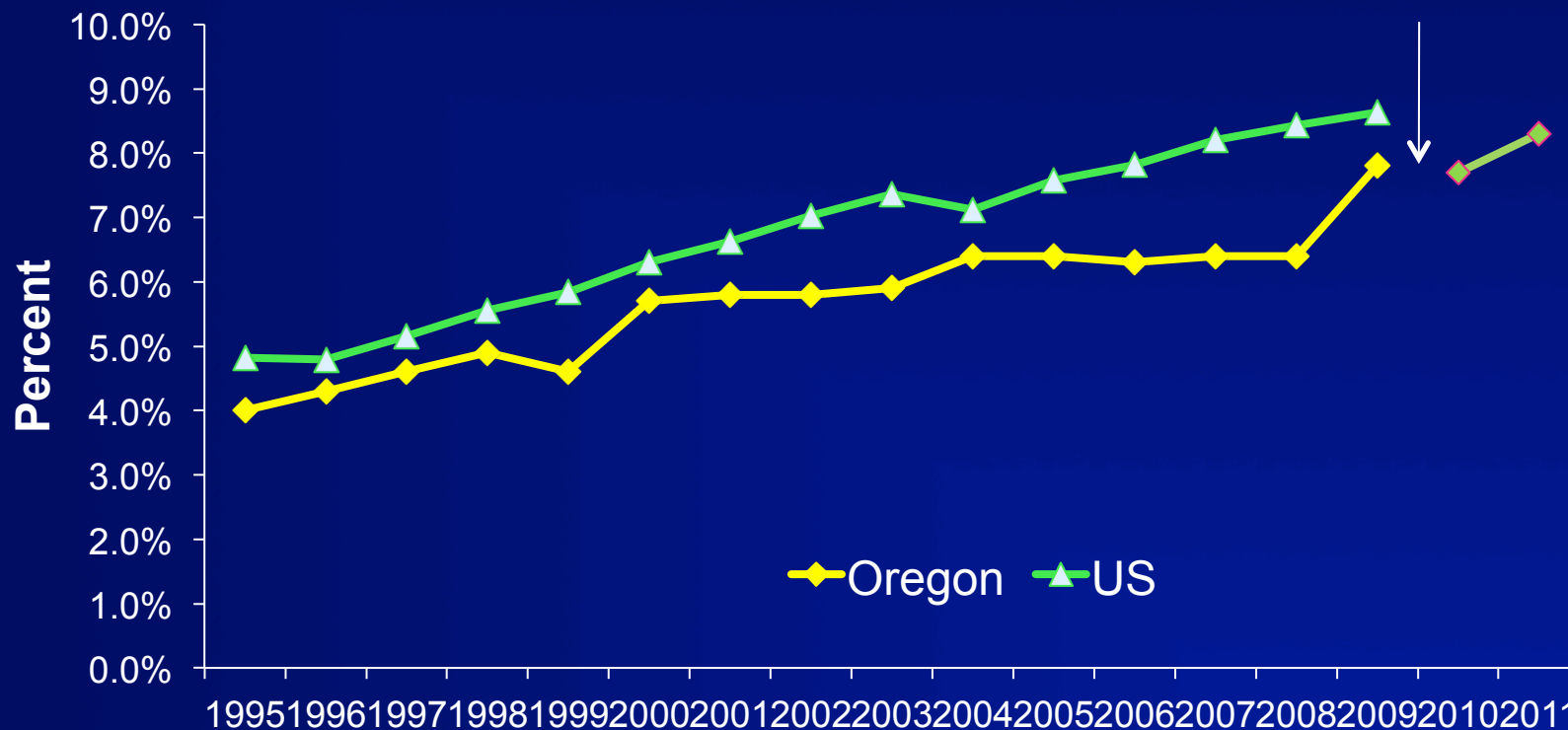
Obesity in Oregon Adults & 8th Graders

New BRFSS weighting
method began in 2010.

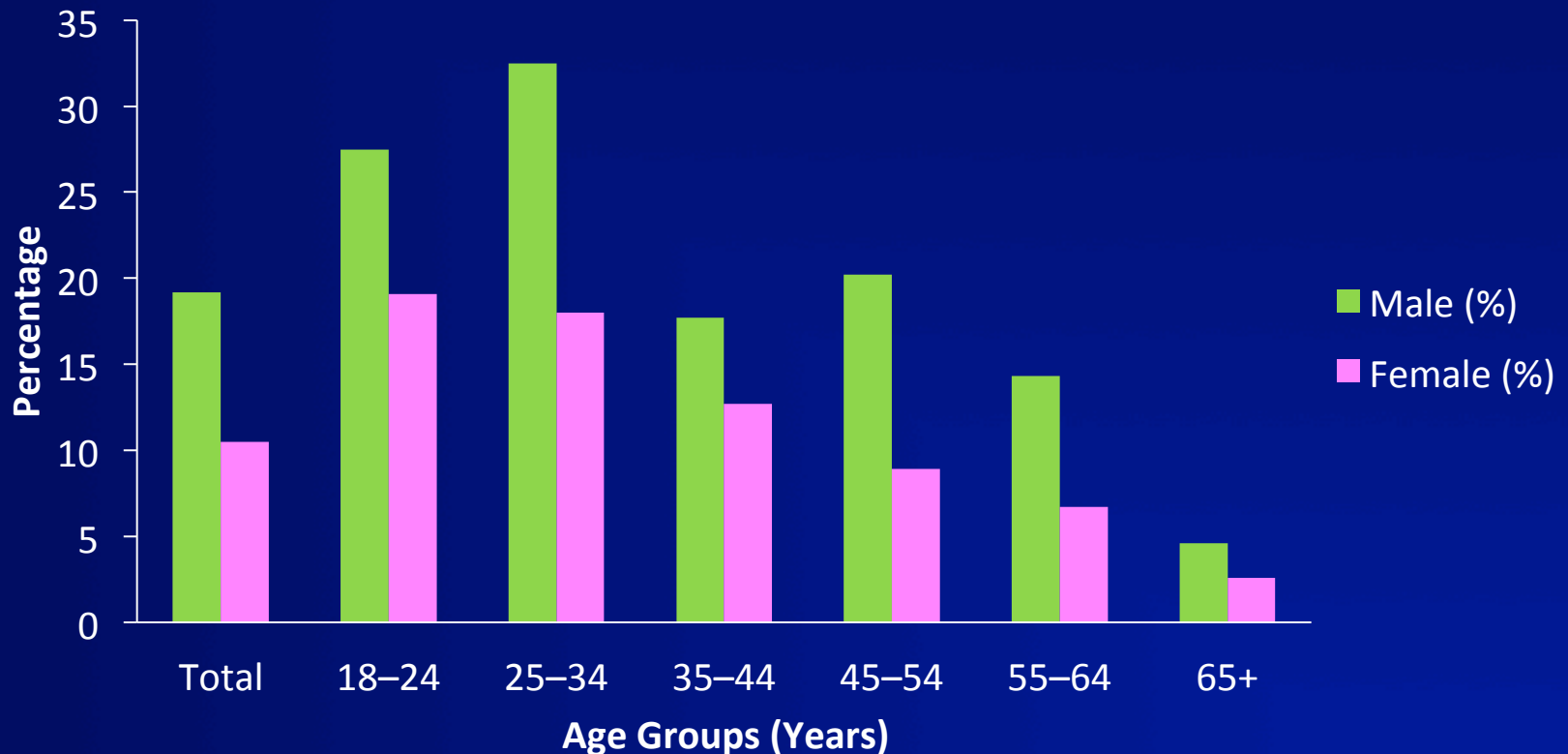


Oregon Diabetes Prevalence

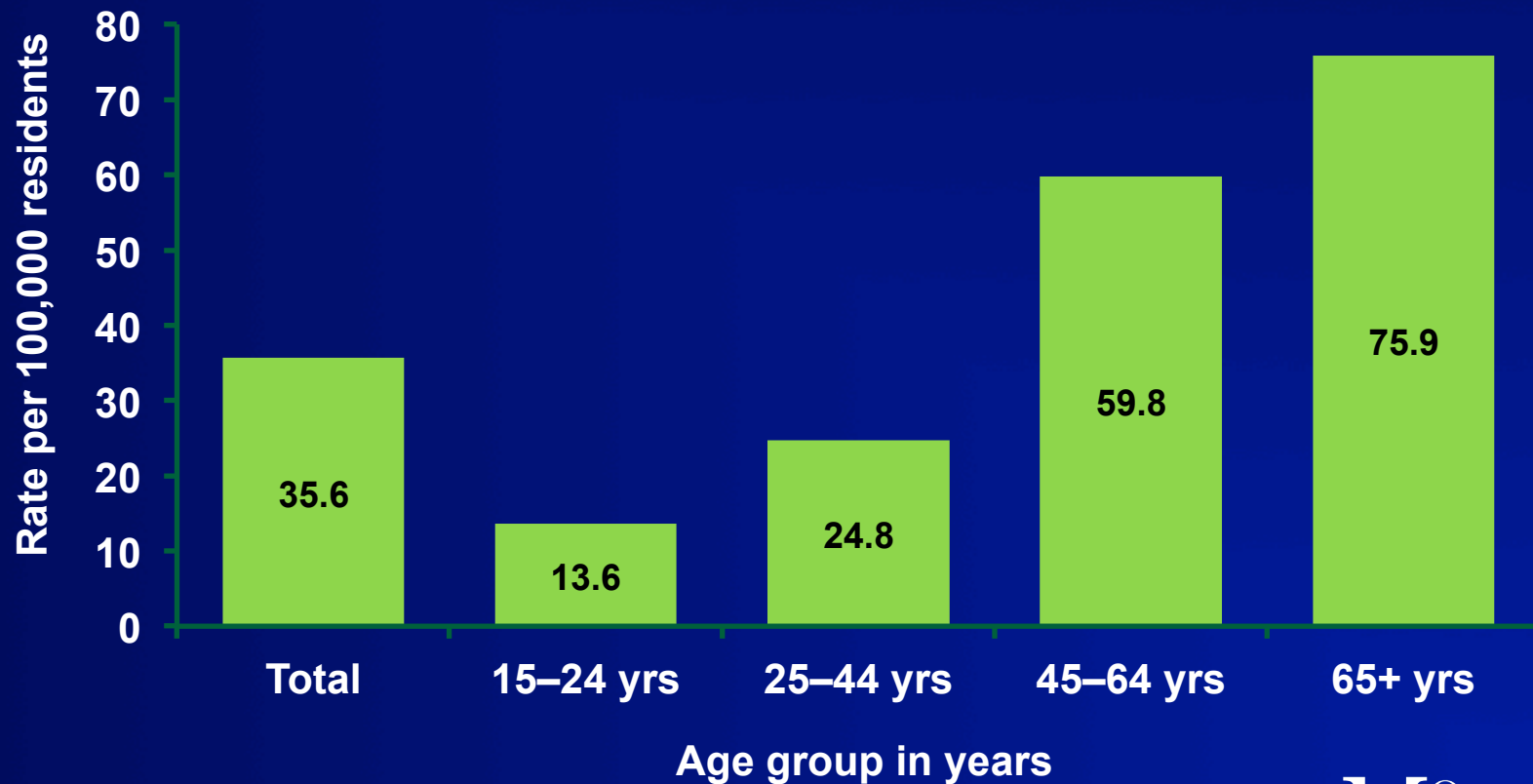
New BRFSS weighting method began in 2010.



Binge Drinking in Adults by Age; Oregon, 2011



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



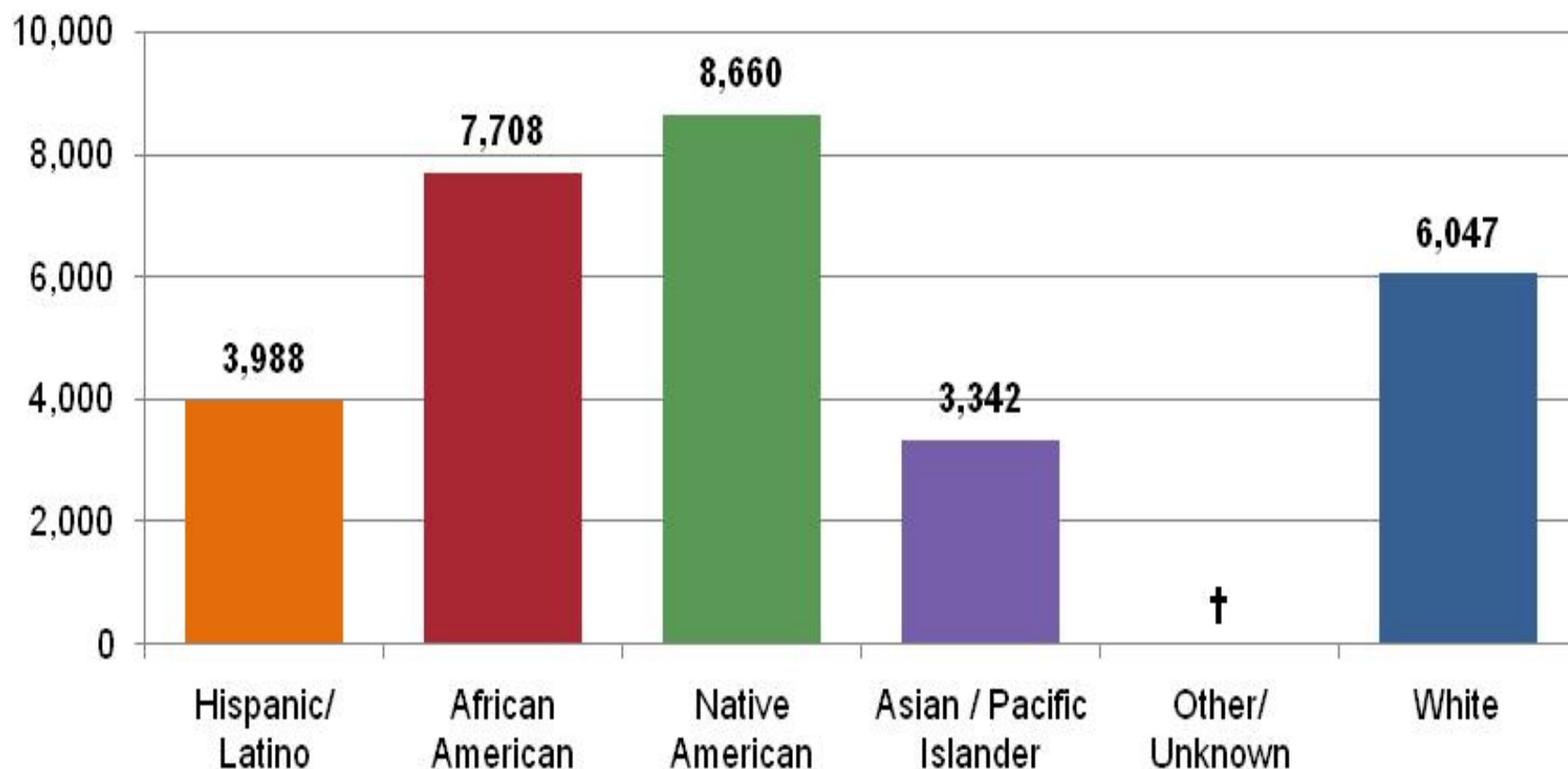
Specific Populations

Race/ ethnicity

Low SES

Mortality by Race/ Ethnicity

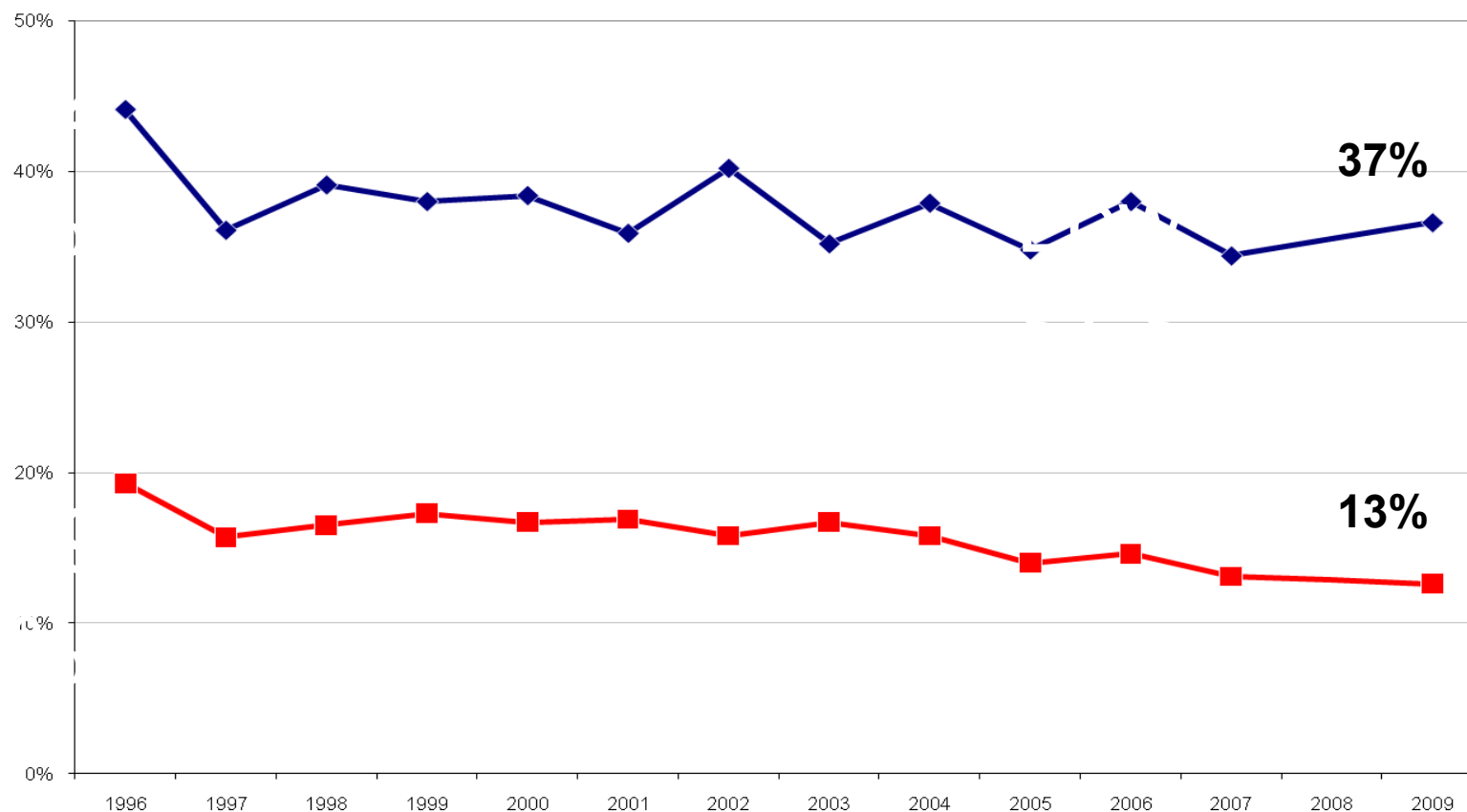
Years of Potential Life Lost Before Age 75 per 100,000, 2009**



Source: Oregon Vital Statistics and National Center for Health Statistics

† = Data unreliable: less than 50 people

Smoking by SES, Oregon



OPHAT Overview

- Functions
 - Query major public health datasets
 - Calculate rates by county and demographic group
- Data (*currently*)
 - Vital stats (birth, death, abortion, linked infant birth/ death)
 - Communicable disease, incl HIV/STD/TB
 - Population estimates

OPHAT Future Plans

- New data
 - CCO-level Birth Risk Factor data
 - Behavioral Risk Factor Surveillance System (BRFSS) data
- New functions
 - Maps; Charts

OPHAT Access

- Permitted Users
 - State, county, and tribal public health agencies
 - CCO's and Hospitals
- Request Access
 - Juanita.A.Heimann@state.or.us



Questions?