

Children's Health in US-Mexico Border States and Counties

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NCHS



SAFER • HEALTHIER • PEOPLE™

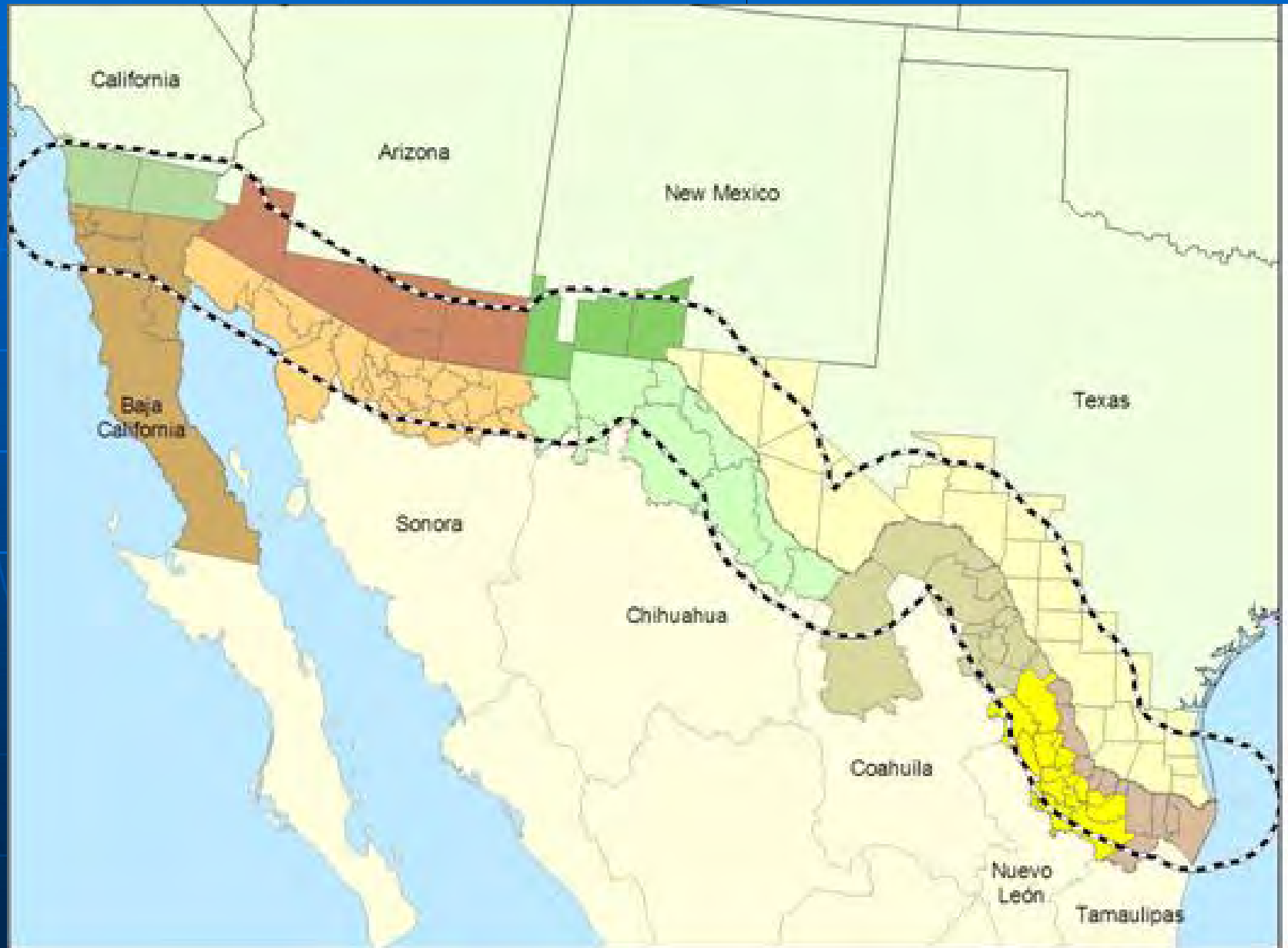


Overview

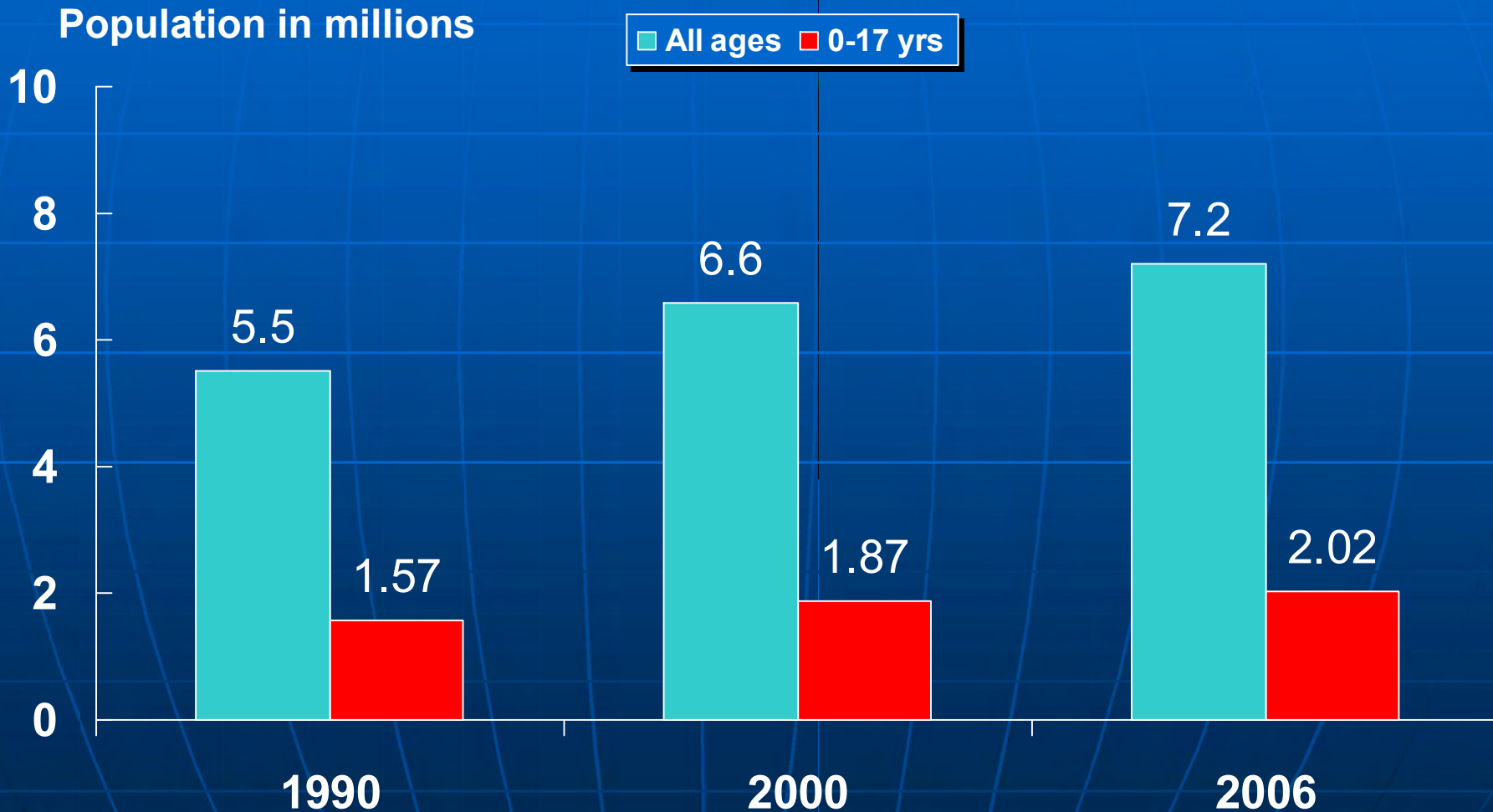
- Background/Setting
- Maternal health and birth outcomes
- Health status of children
- Childhood morbidity
- Childhood mortality
- Border child health programs

Background

US-Mexico Border Region

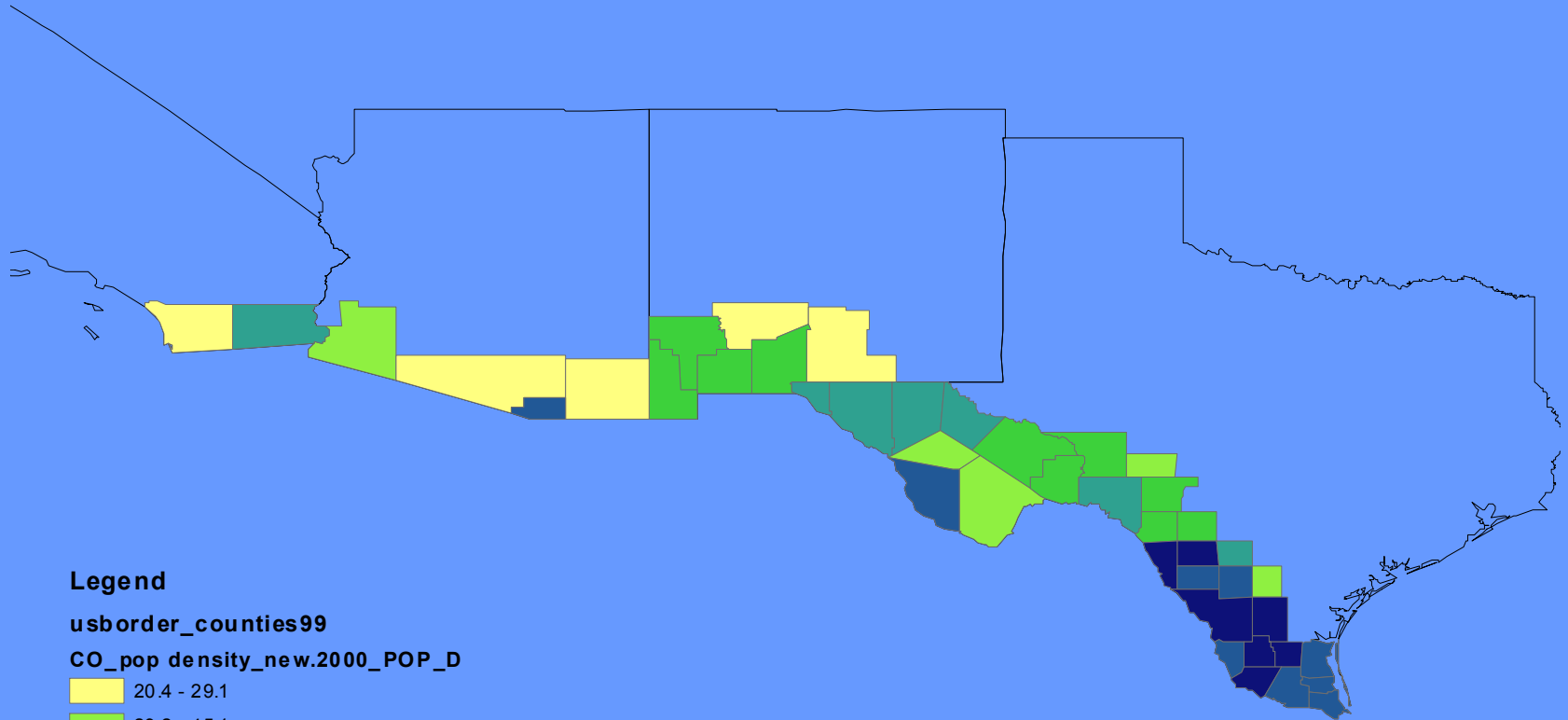


Population trends in U.S.-Mexico border counties, 1990-2006



Source: US Bureau of the Census.

Percent Hispanic, US-Mexico Border 2000



Legend

usborder_counties99

CO_pop density_new.2000_POP_D

20.4 - 29.1

29.2 - 45.1

45.2 - 60.4

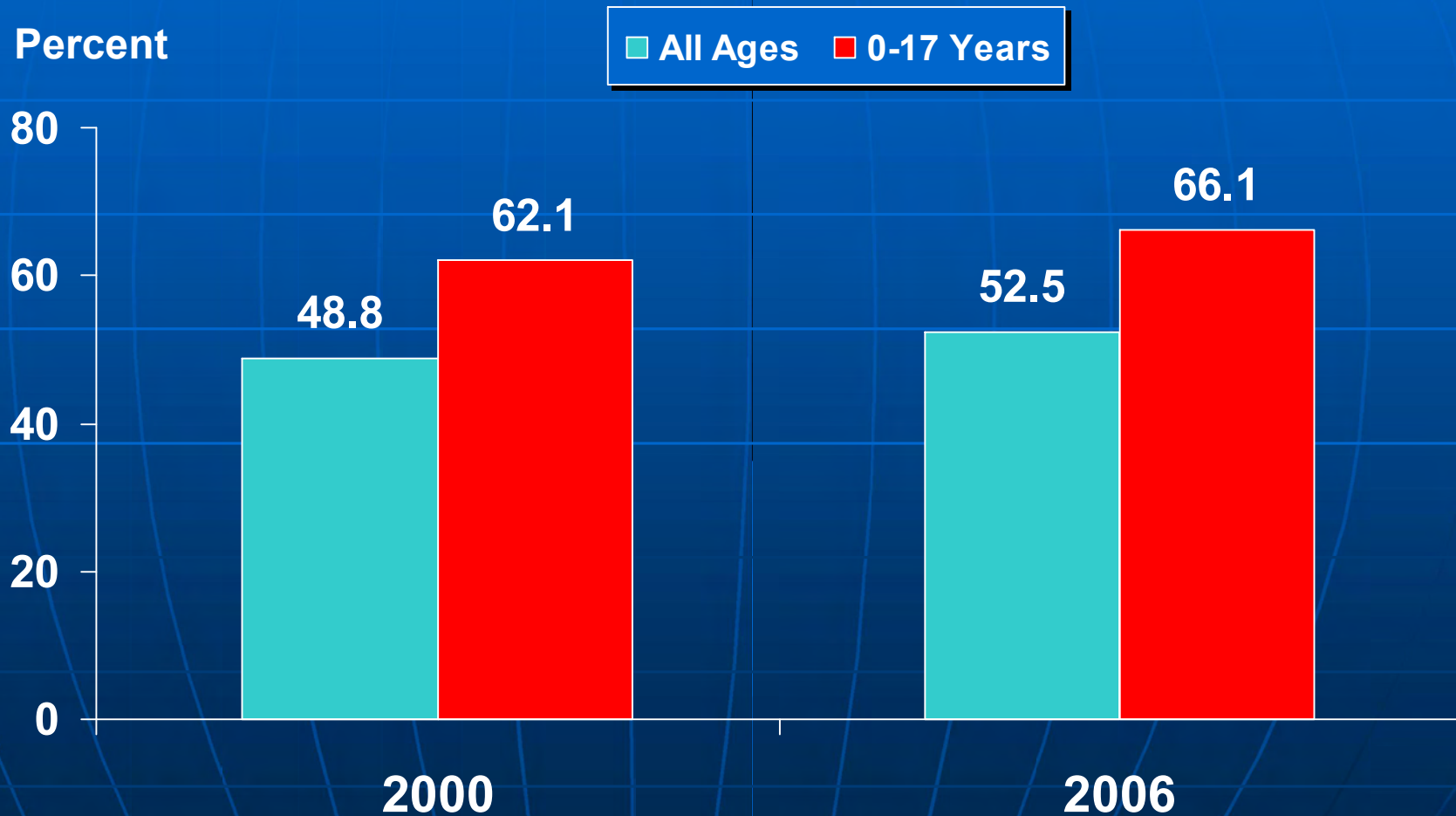
60.5 - 72.8

72.9 - 85.2

85.3 - 97.2

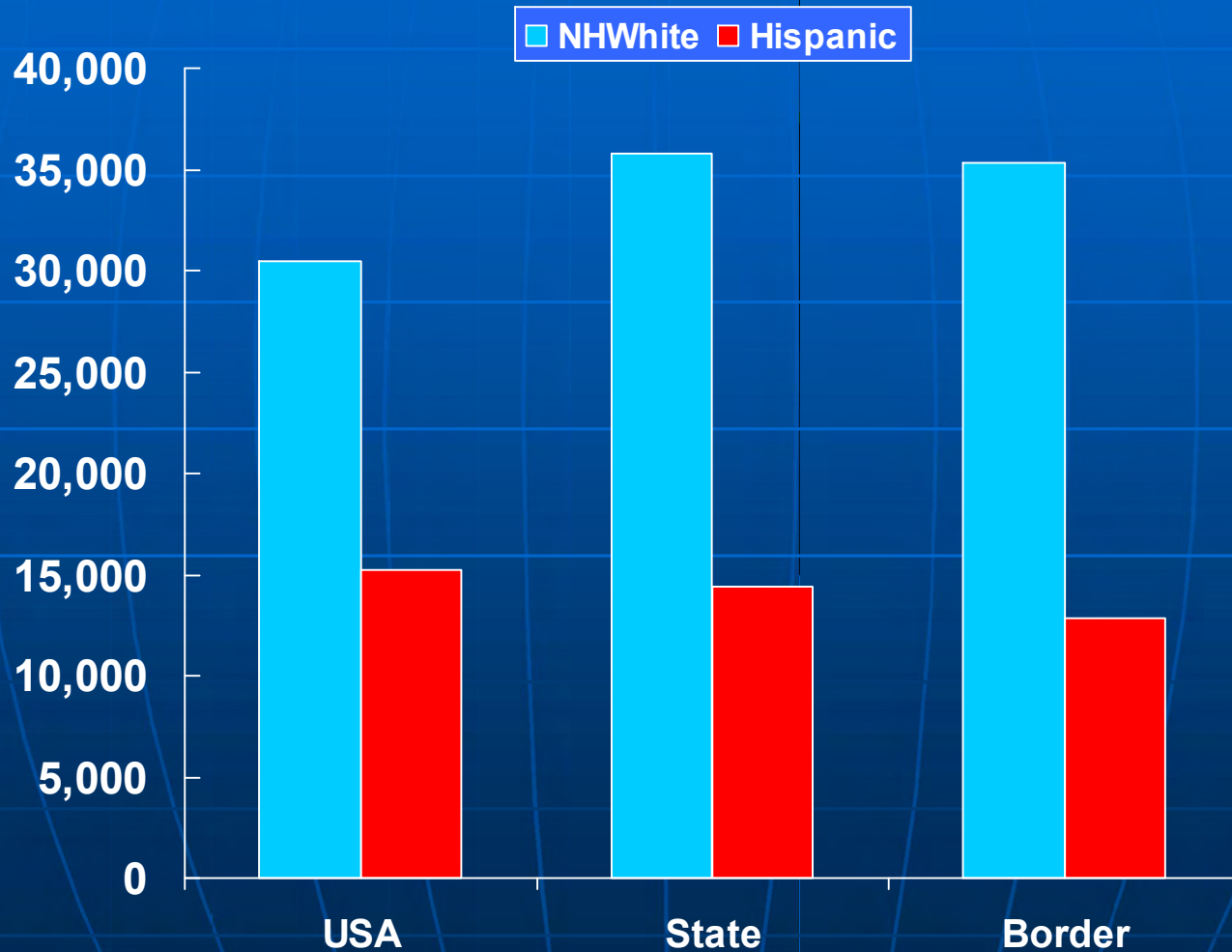
az_nm_tx_ca_alone

Percent Hispanic, US Border Counties, 2000-2006



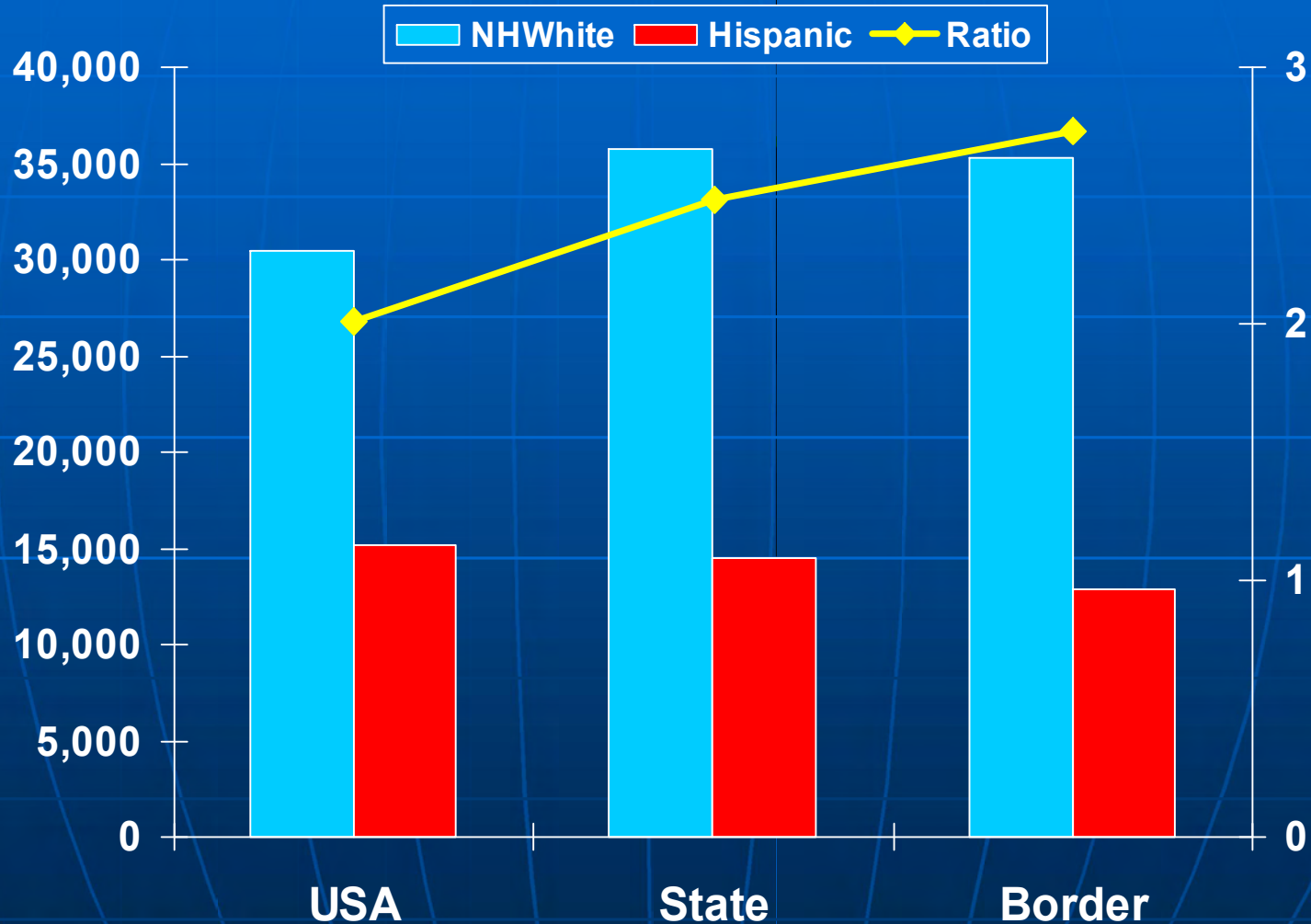
Source: US Bureau of the Census.

Per capita income, USA and US border states and counties, 2005-2007



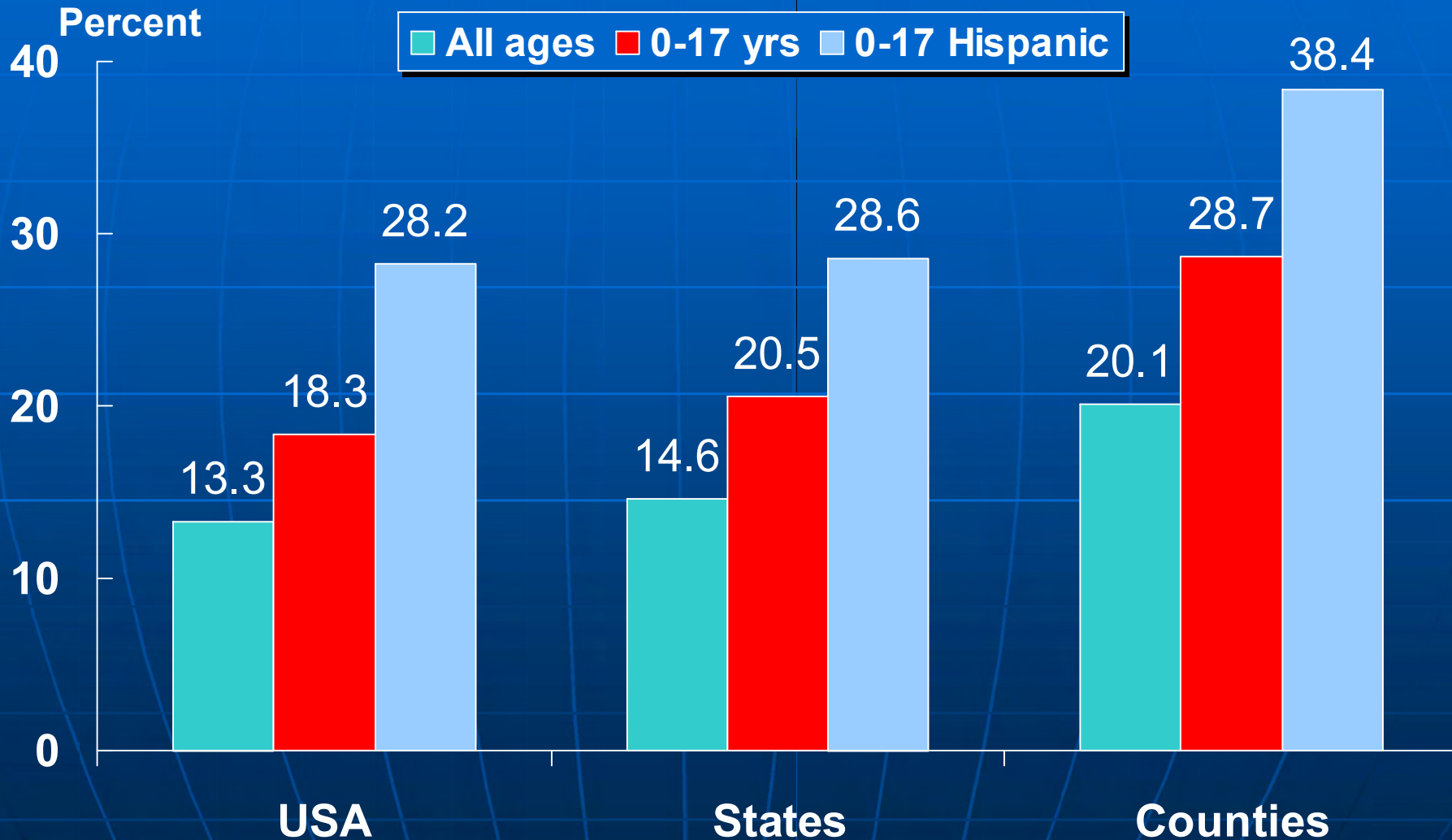
Source: 2005-07 American Community Survey, Census Bureau.

Per capita income, USA and US border states and counties, 2005-2007



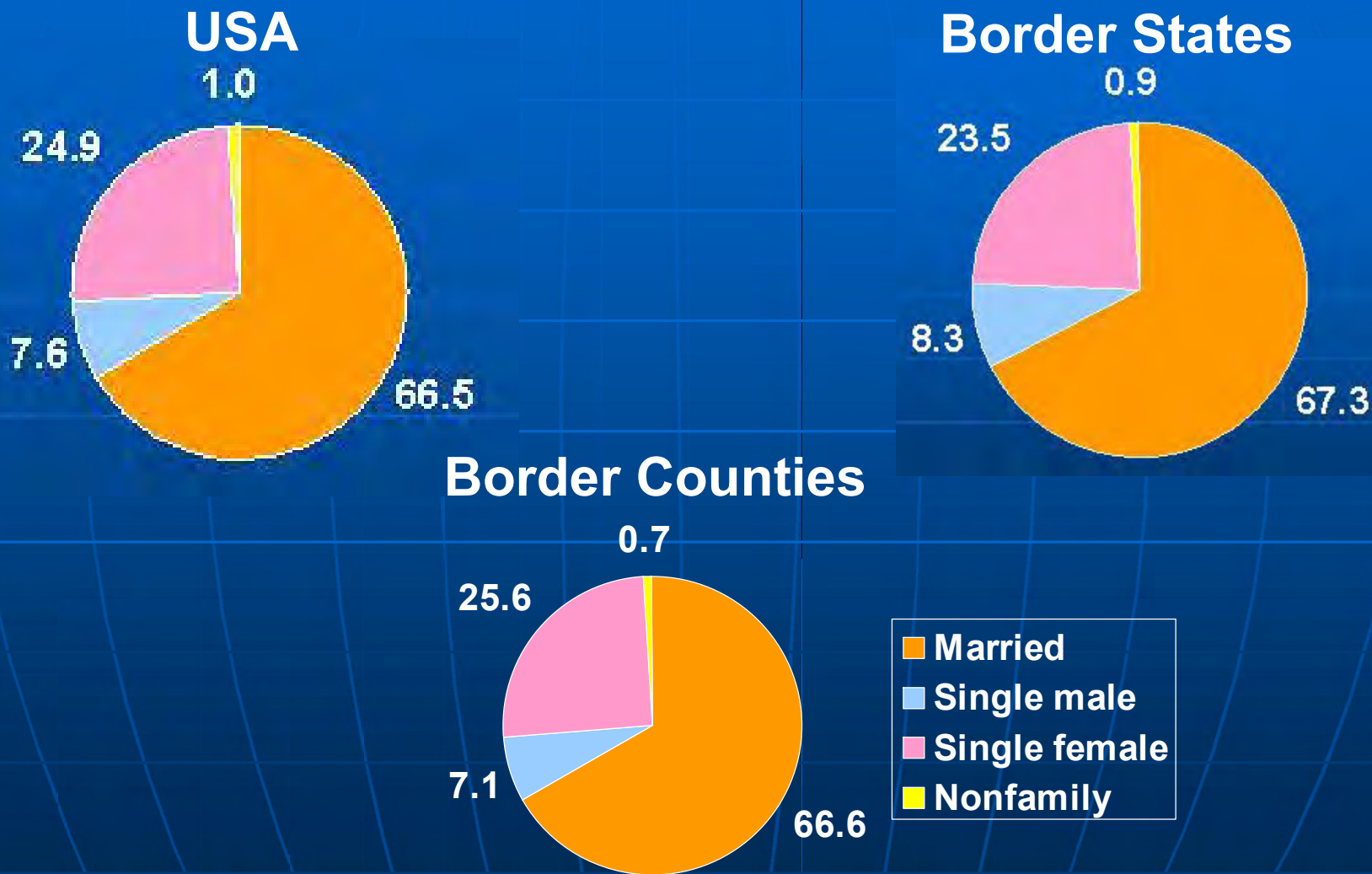
Source: 2005-2007 American Community Survey, Census Bureau.

Percent below poverty level, USA and US border states and counties, 2005-2007



Source: 2005-07 American Community Survey, Census Bureau.

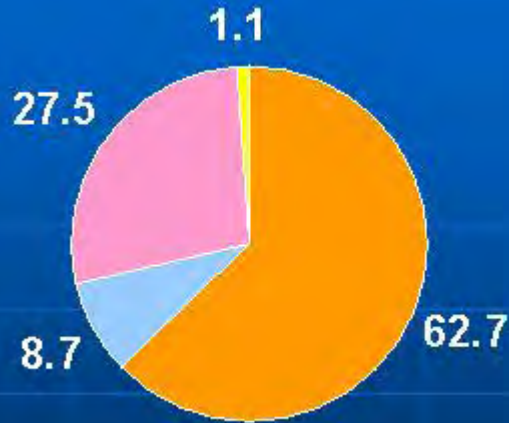
Household type with children present, USA and Border, 2005-07



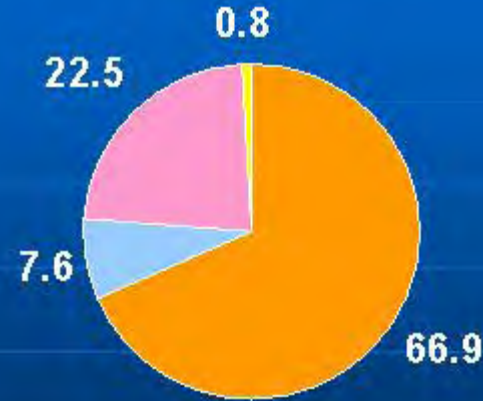
Source: 2005-07 American Community Survey, US Census Bureau.

Household type with children present, Border counties, 2005-07

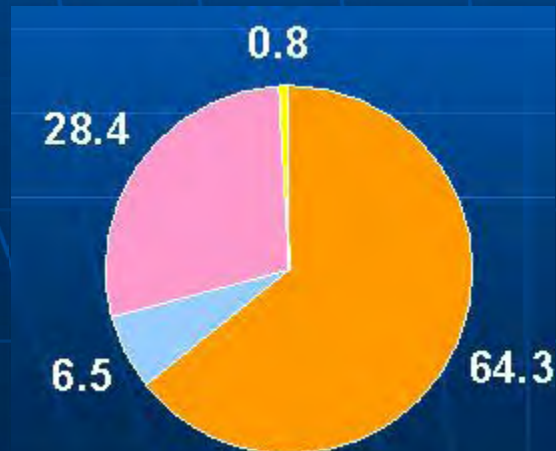
Arizona



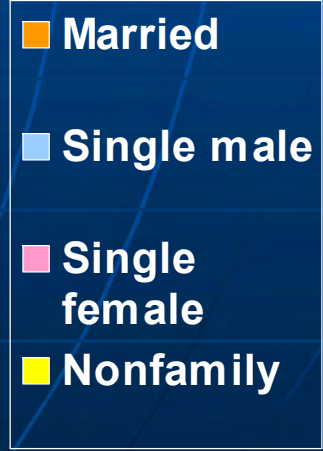
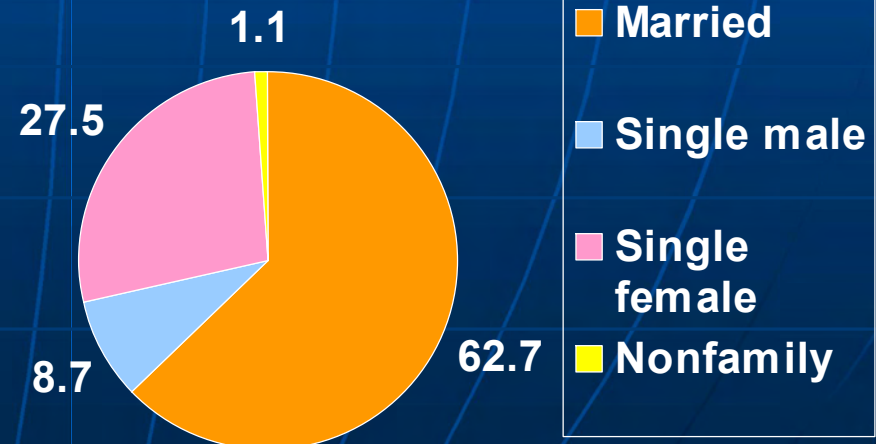
California



New Mexico

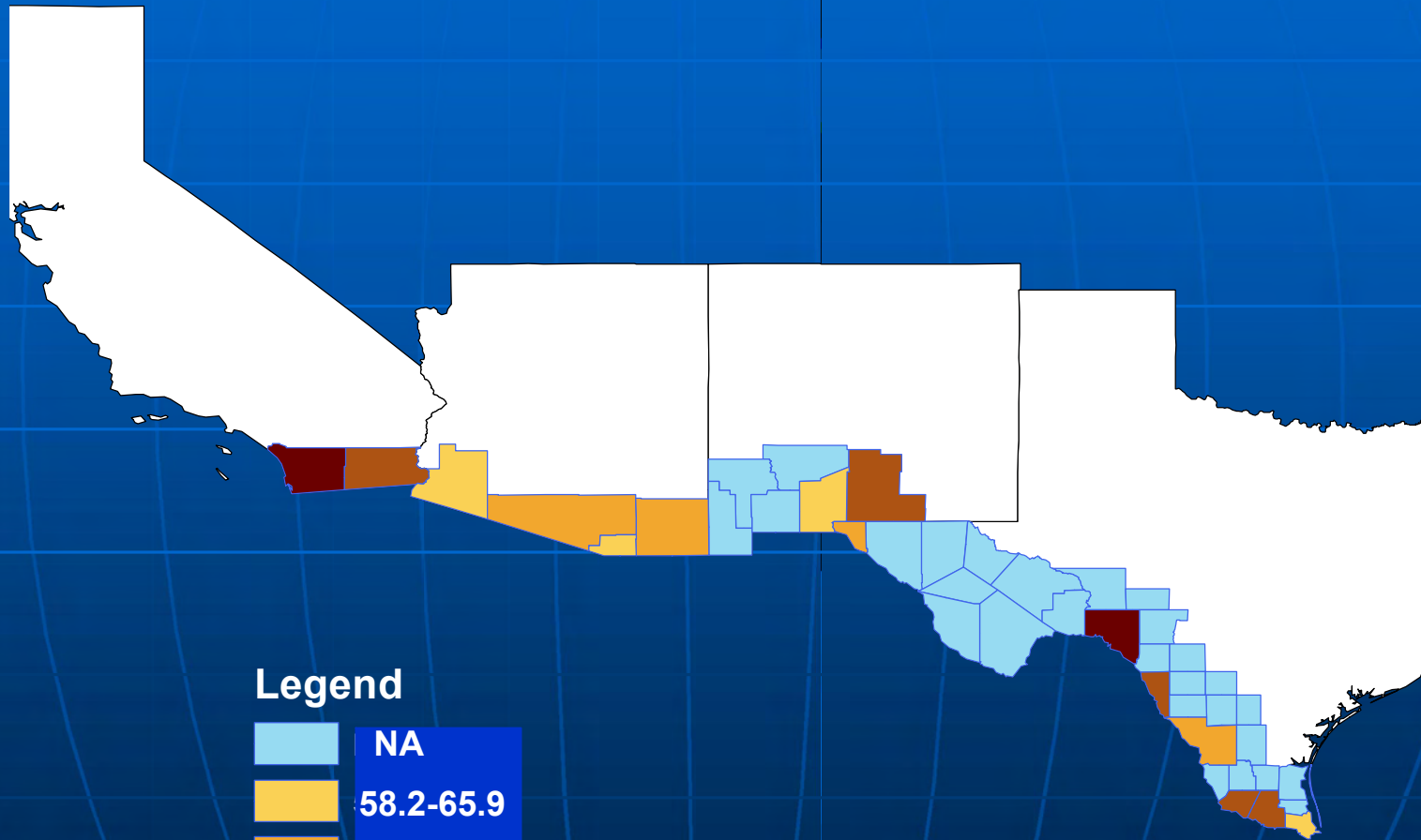


Texas

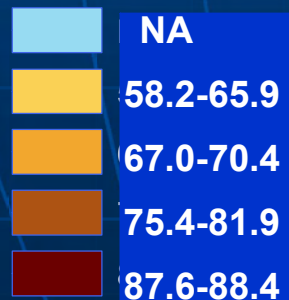


Maternal Health and Birth Outcomes

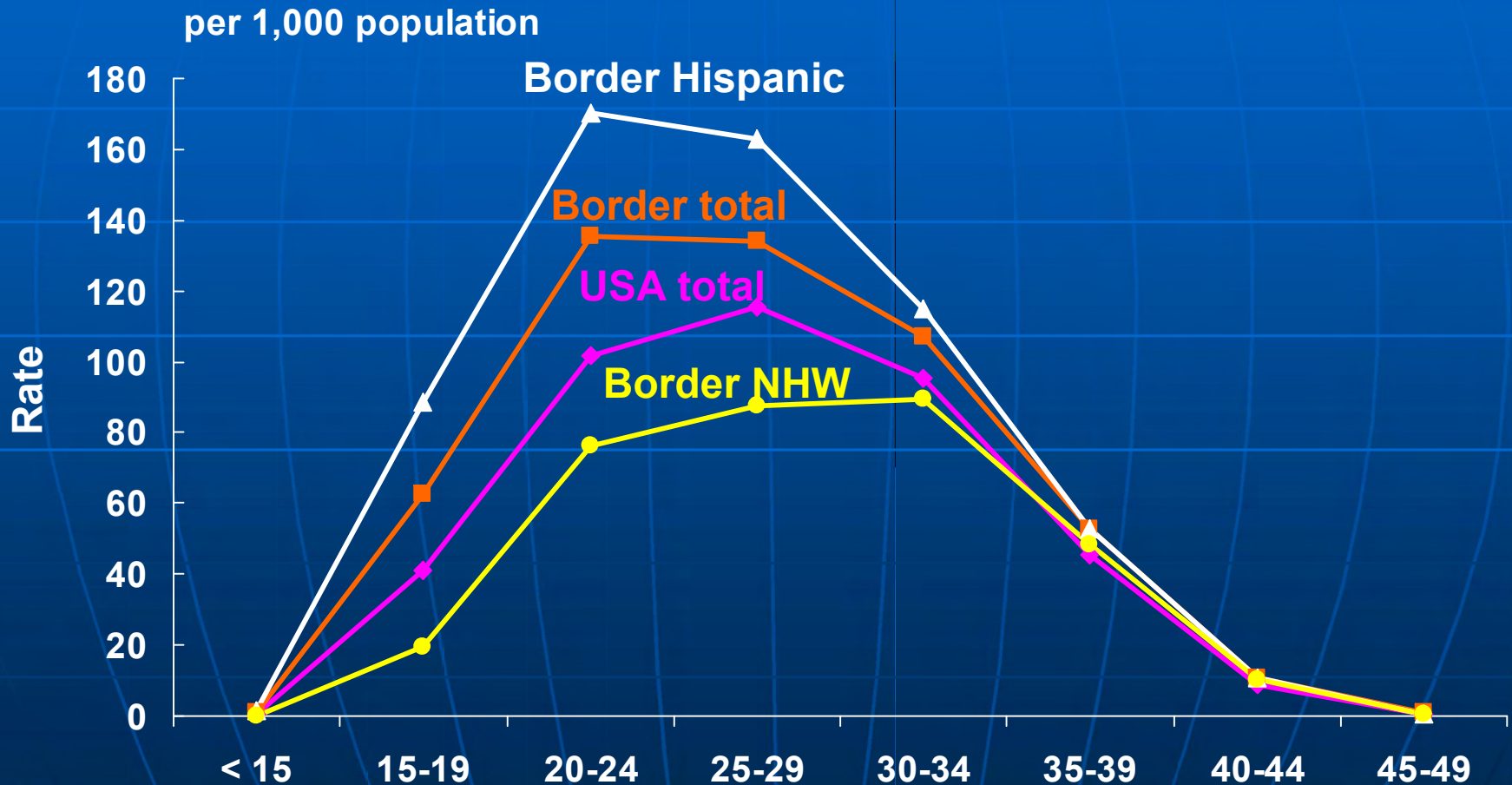
Percent of mothers beginning prenatal care in first trimester, US-Mexico Border, 2004



Legend

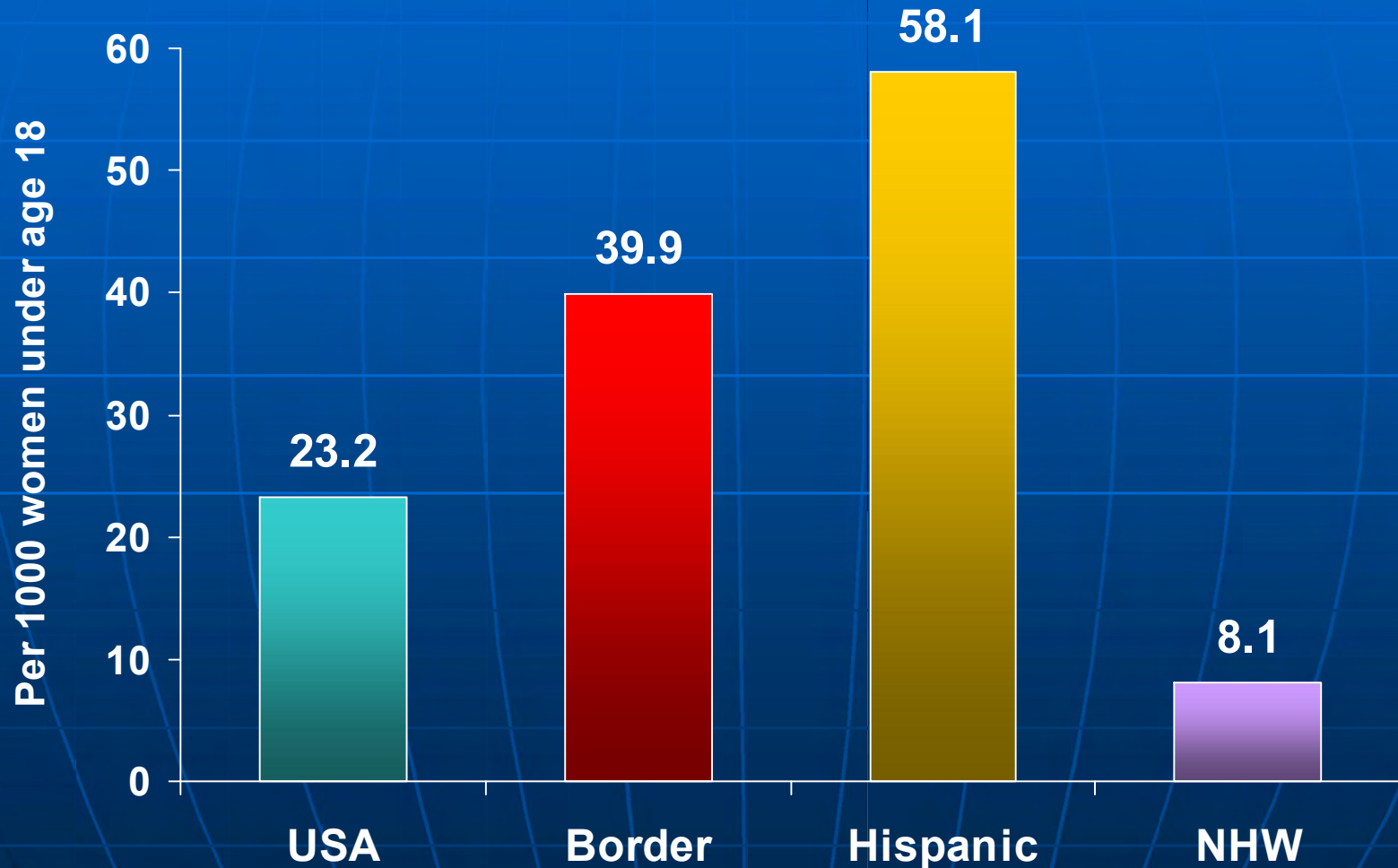


Birth rates by age and ethnicity, USA and US-MX Border, 2004



Source: Natality data, NCHS/CDC.

Early Teen Birth Rate, USA and US-Mexico Border 2004



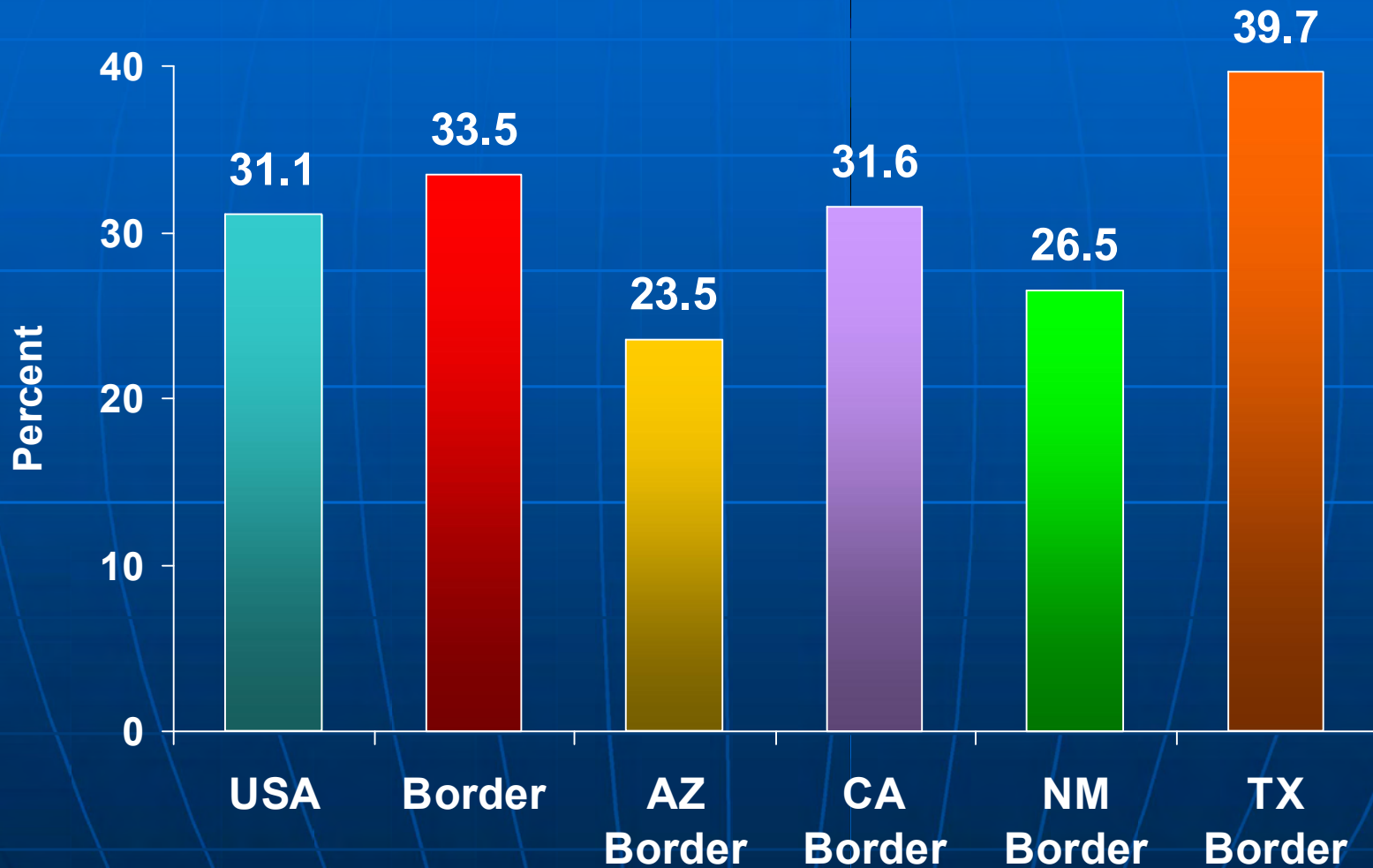
Source: National natality data, NCHS/CDC.

Percent attended by certified nurse midwife, USA and US-Mexico Border 2006



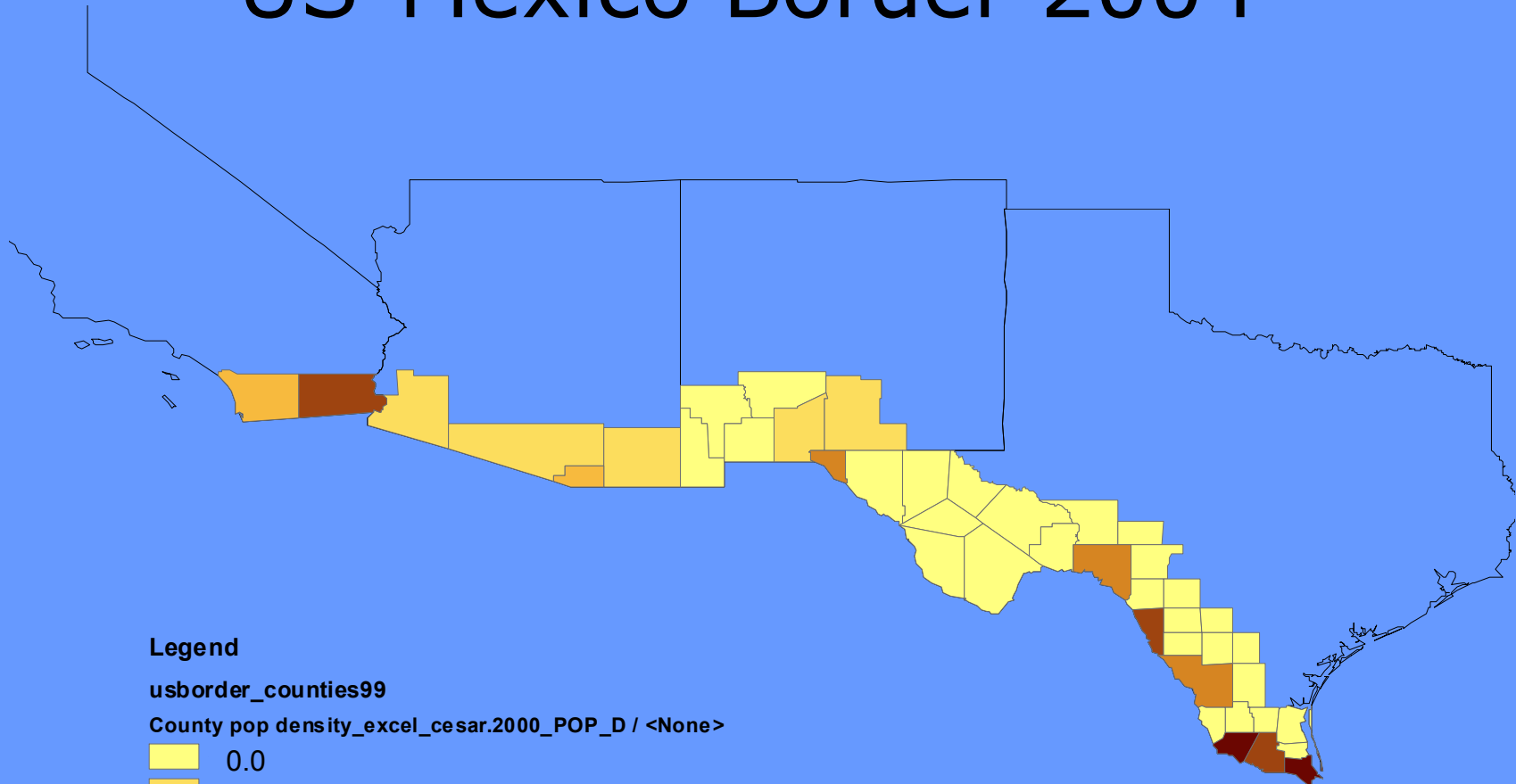
Source: National natality data, NCHS/CDC.

Percent Cesarean Section Deliveries, USA and US-Mexico Border 2006



Source: National natality data, NCHS/CDC.

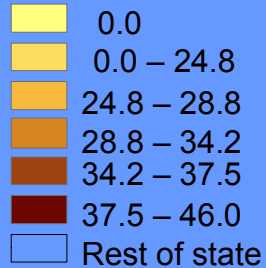
Cesarean Section Rate, US-Mexico Border 2004



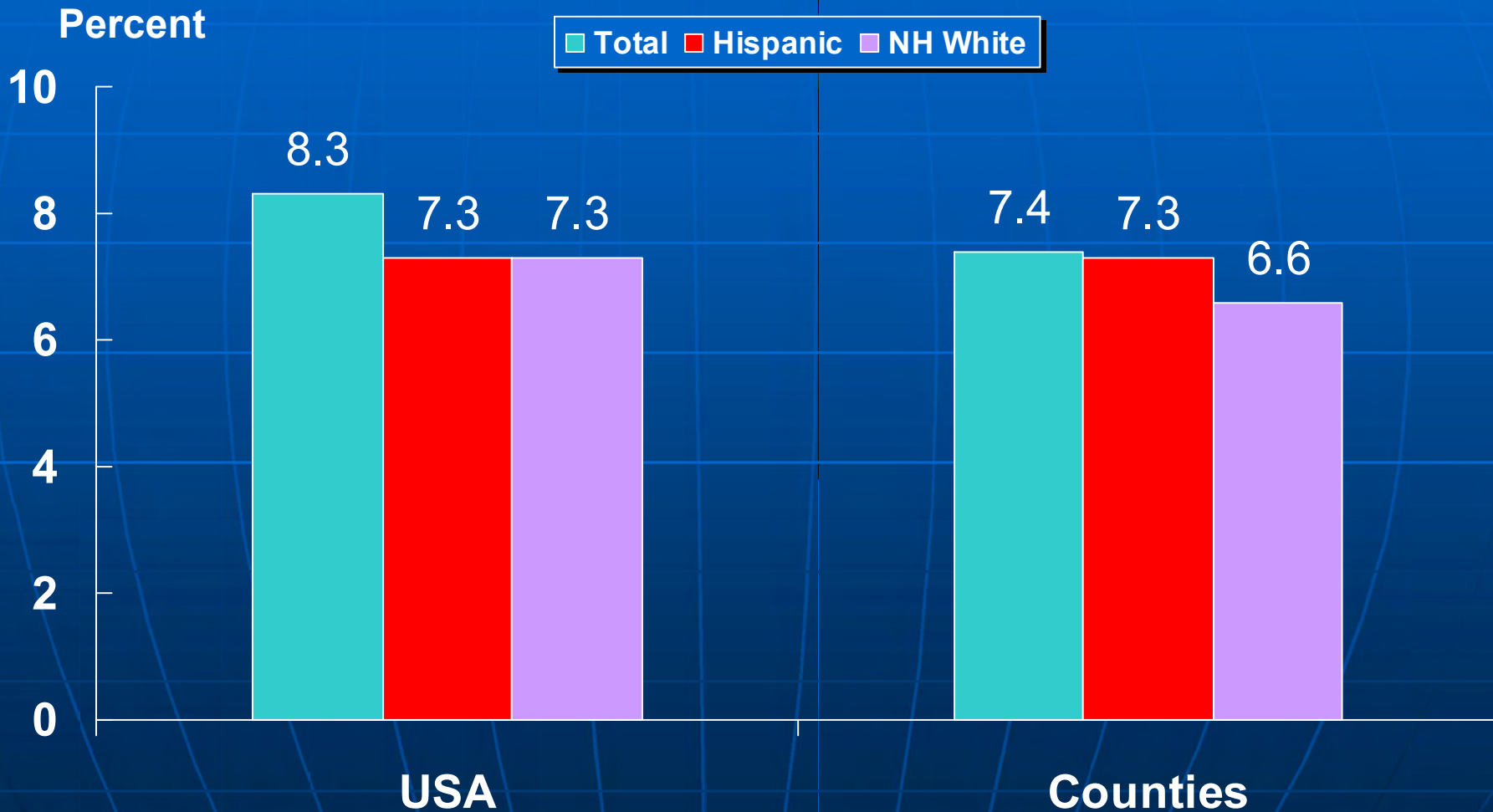
Legend

usborder_counties99

County pop density_excel_cesar.2000_POP_D / <None>

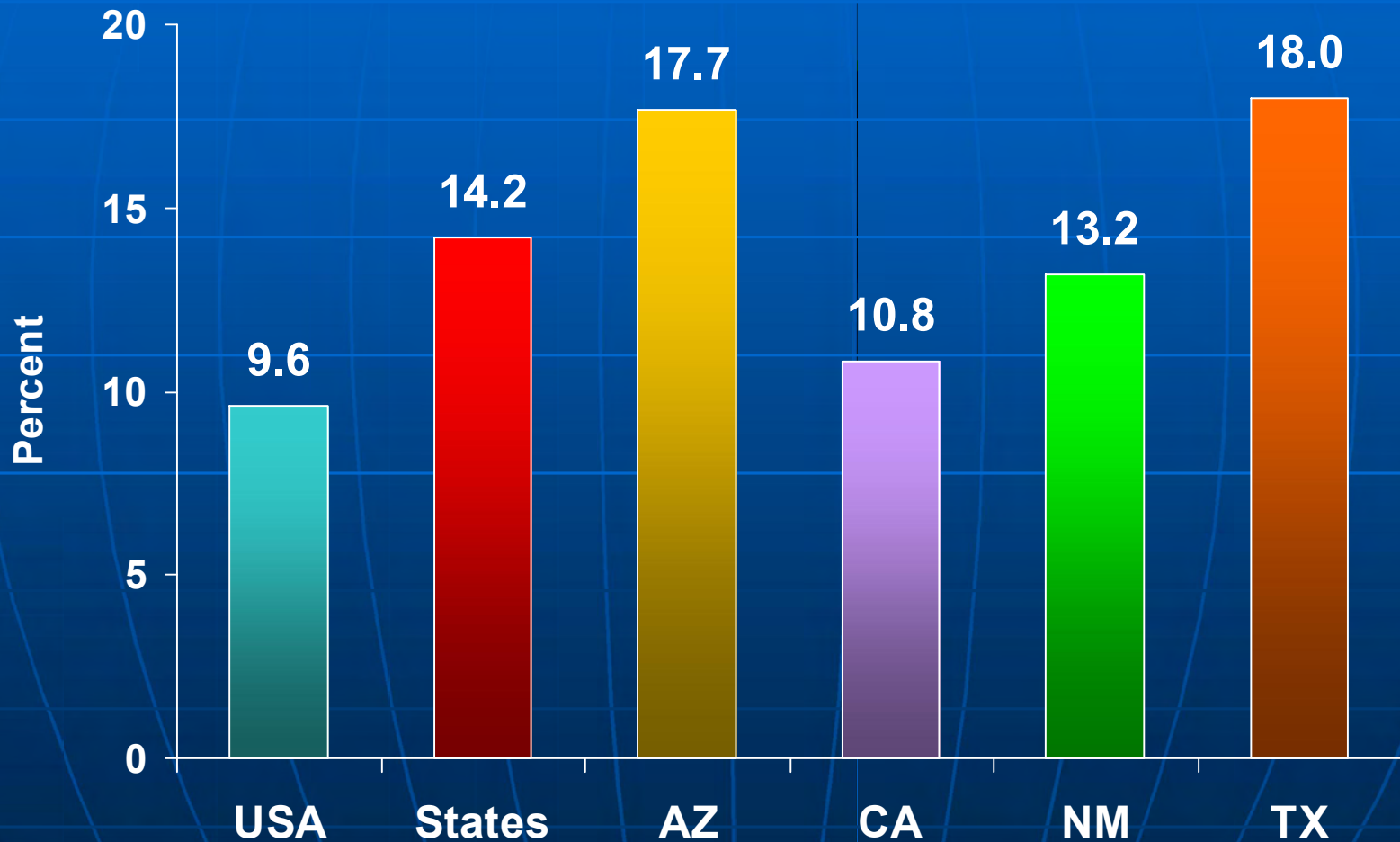


Percent low birth weight, USA and border counties, 2006



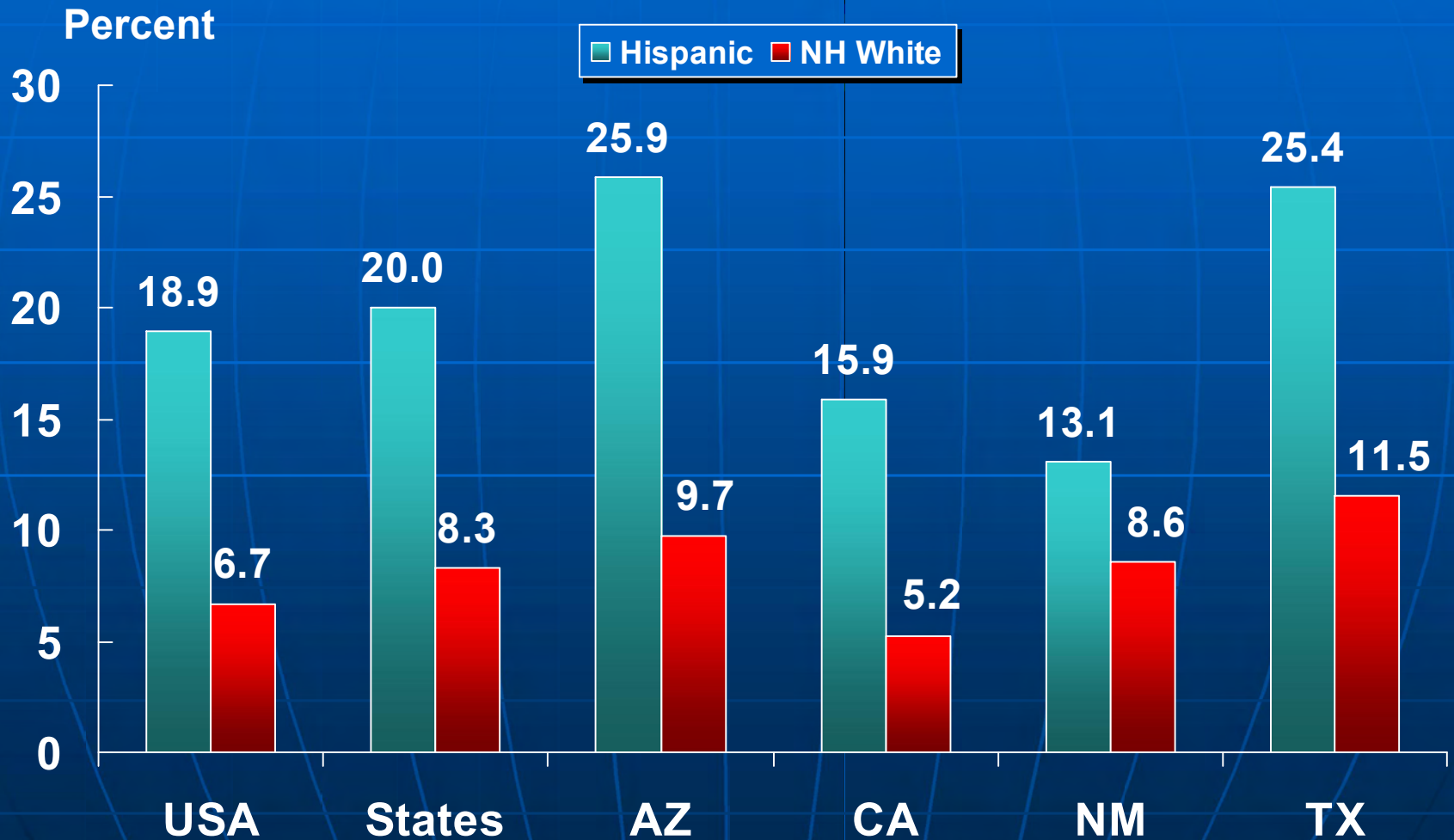
Health Status and Risk Factors

Percent of children w/o health insurance, USA and Border States, 2002-07



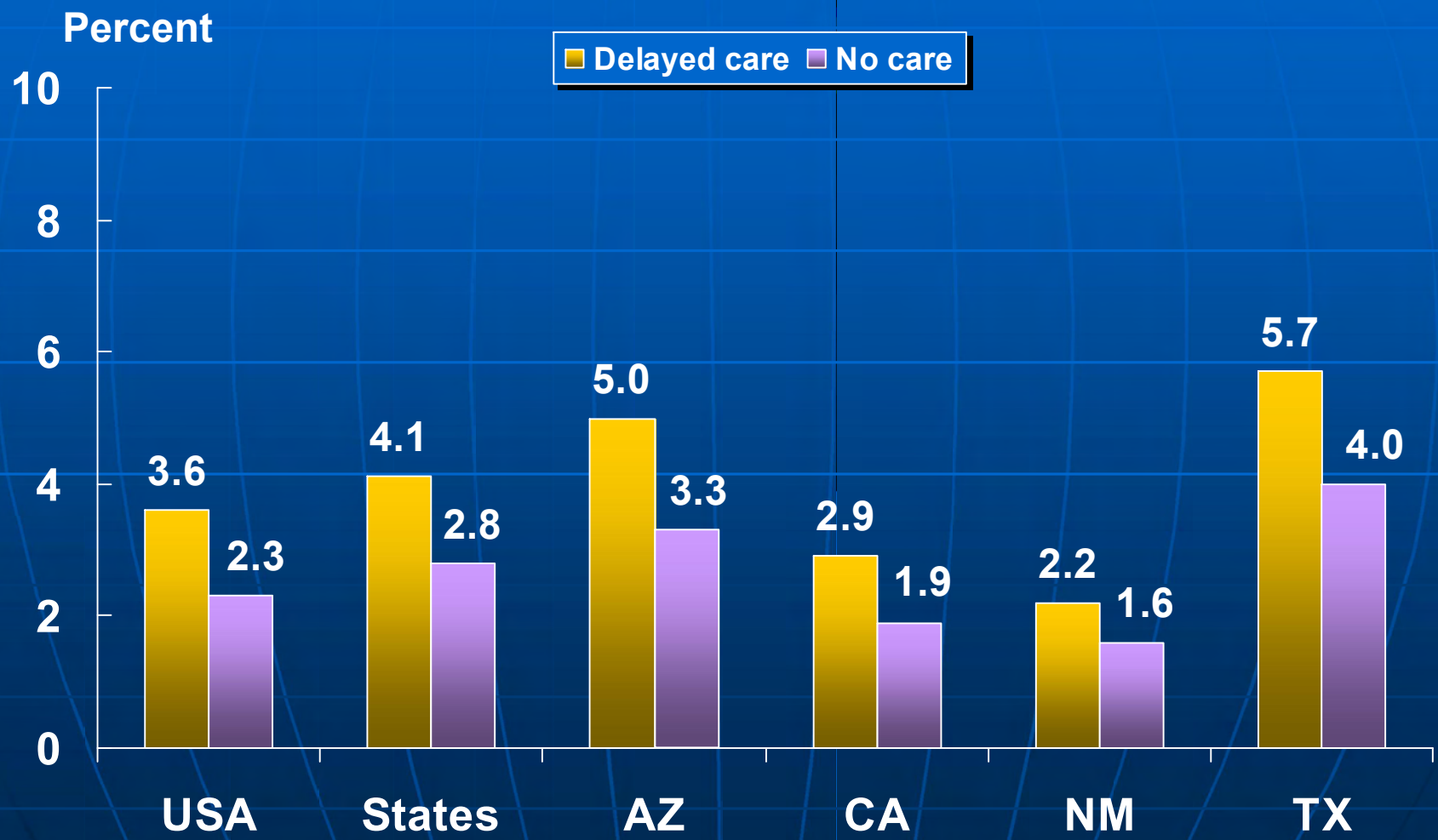
Source: National Health Interview Survey, NCHS/CDC.

Percent of children w/o health insurance by ethnicity, USA and Border States, 2002-07



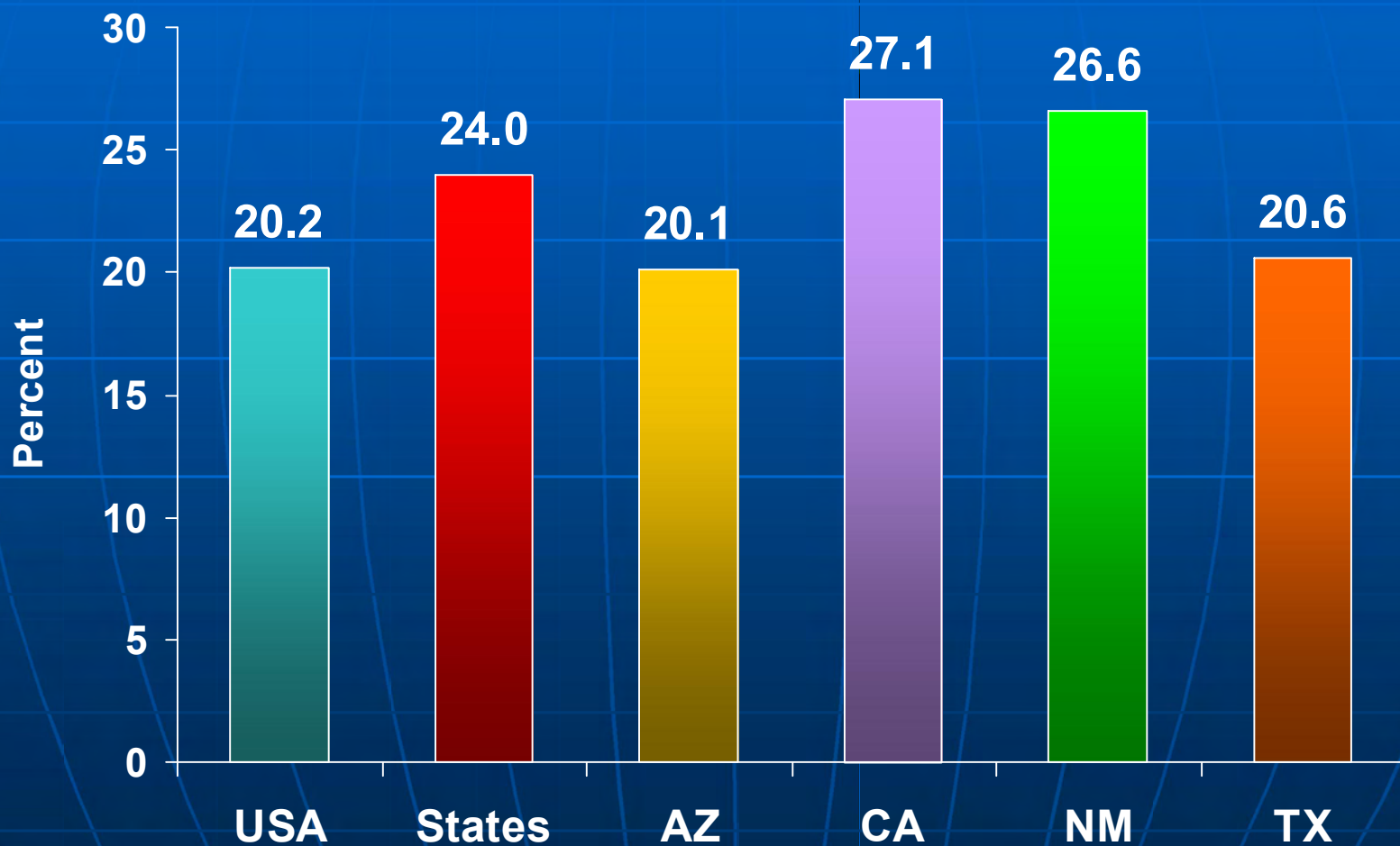
Source: National Health Interview Survey, NCHS/CDC.

Percent of children whose care was delayed or not obtained due to cost, USA and Border States, 2002-07



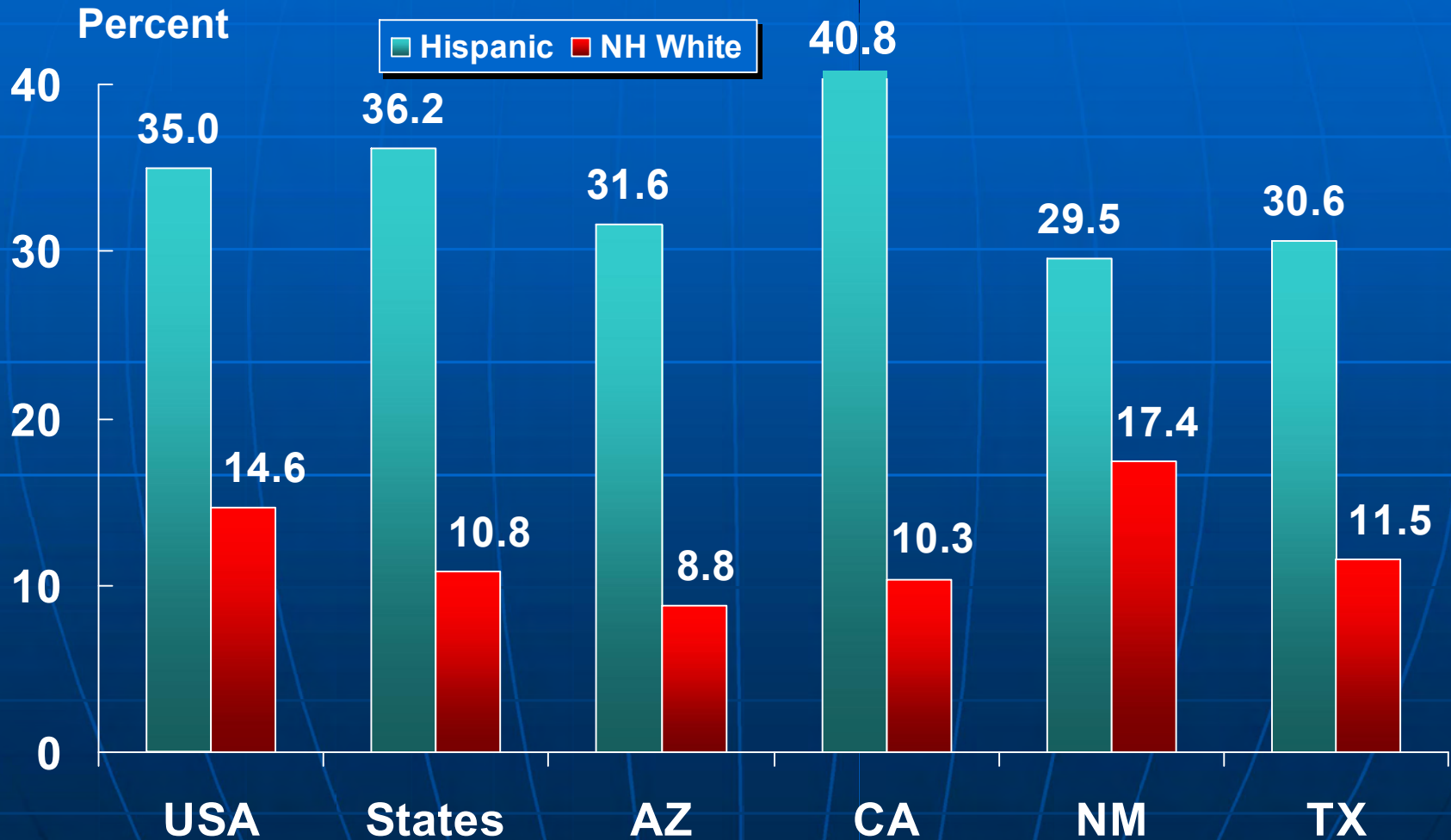
Source: National Health Interview Survey, NCHS/CDC.

Percent of children whose usual place of care is a clinic, USA and Border States, 2002-07



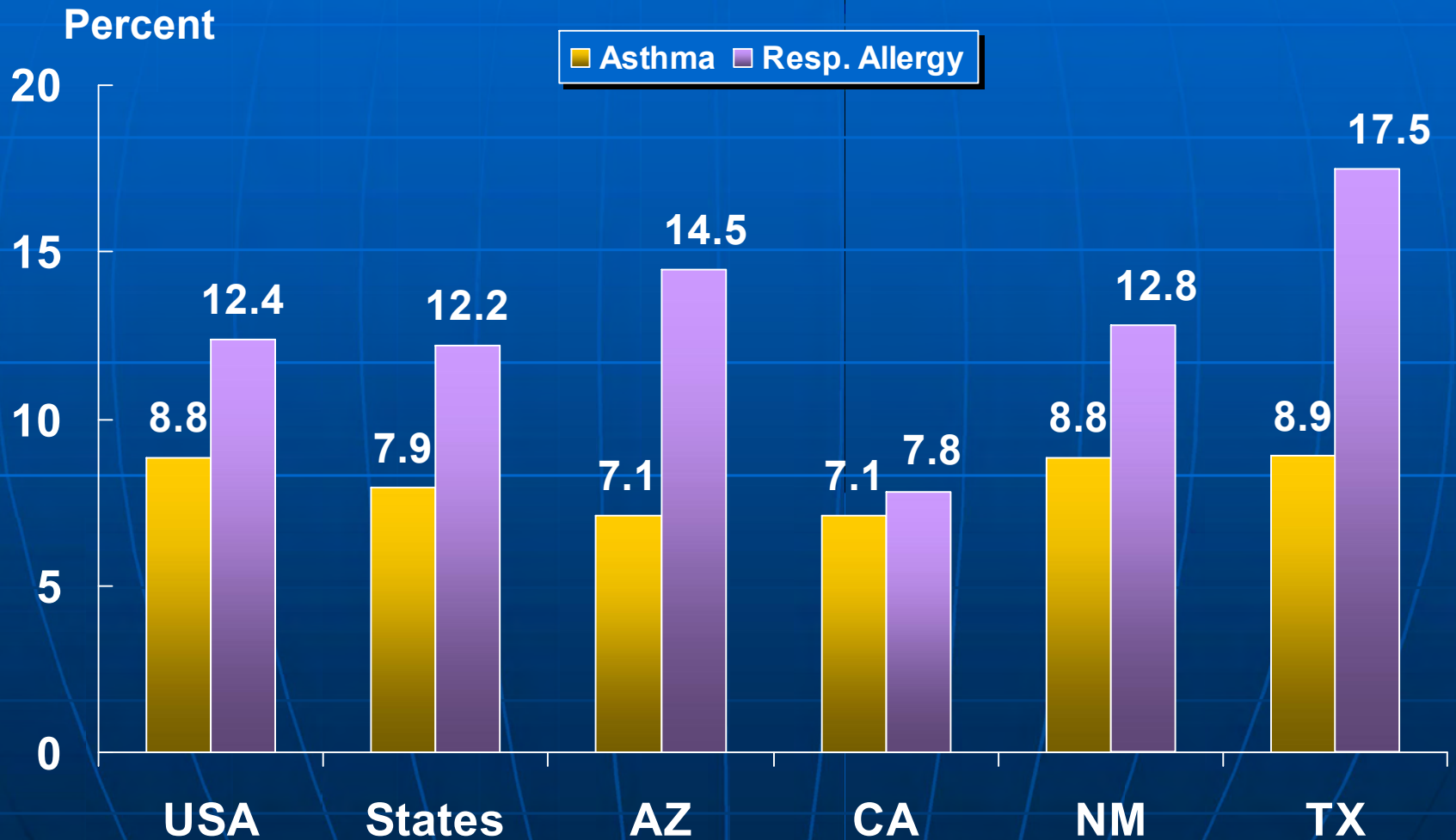
Source: National Health Interview Survey, NCHS/CDC.

Percent of children whose usual place of care is a clinic, by ethnicity, USA and Border States, 2002-07



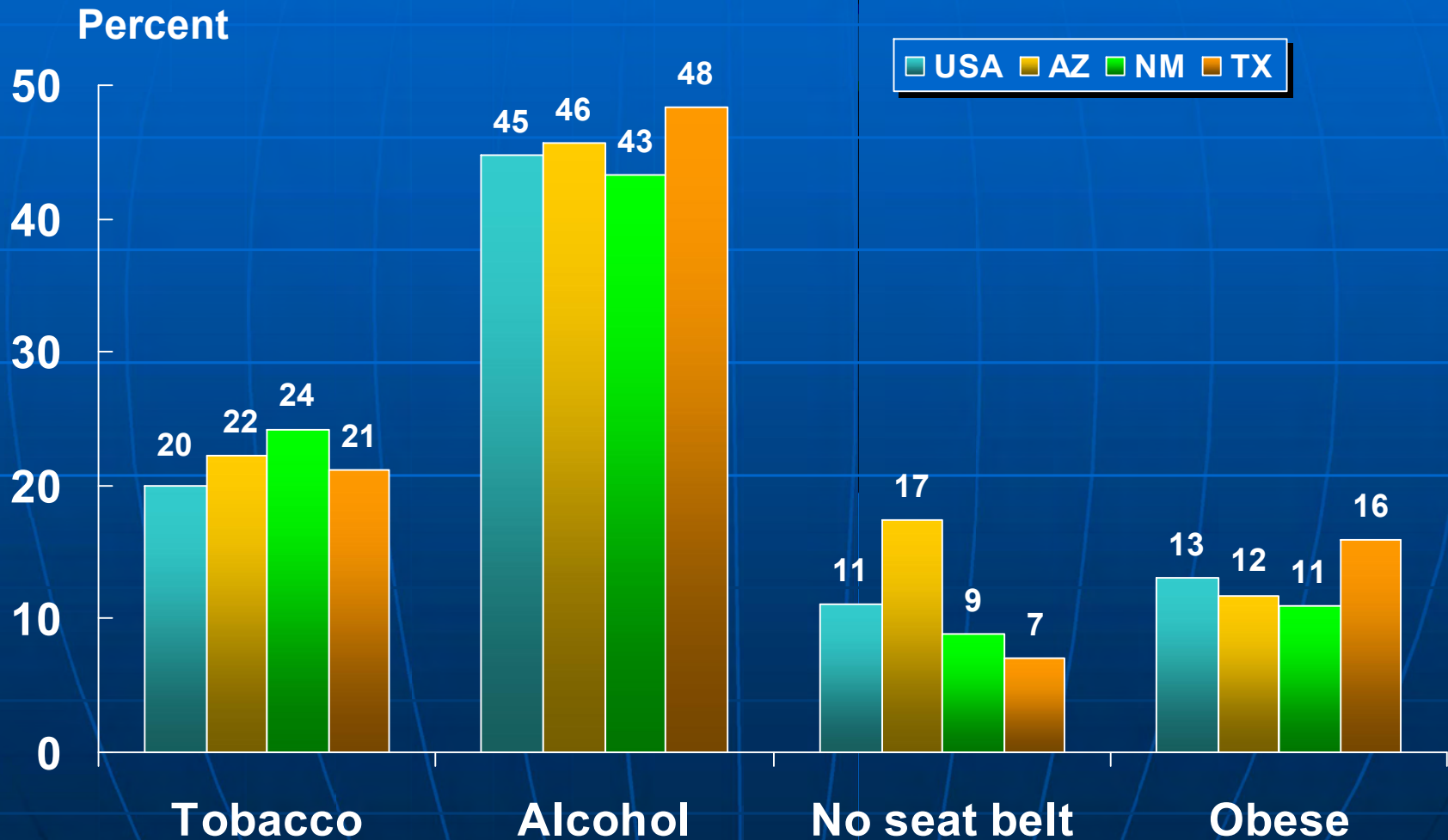
Source: National Health Interview Survey, NCHS/CDC.

Percent of children with asthma or respiratory allergy in last 12 months, USA and Border States, 2002-07



Source: National Health Interview Survey, NCHS/CDC.

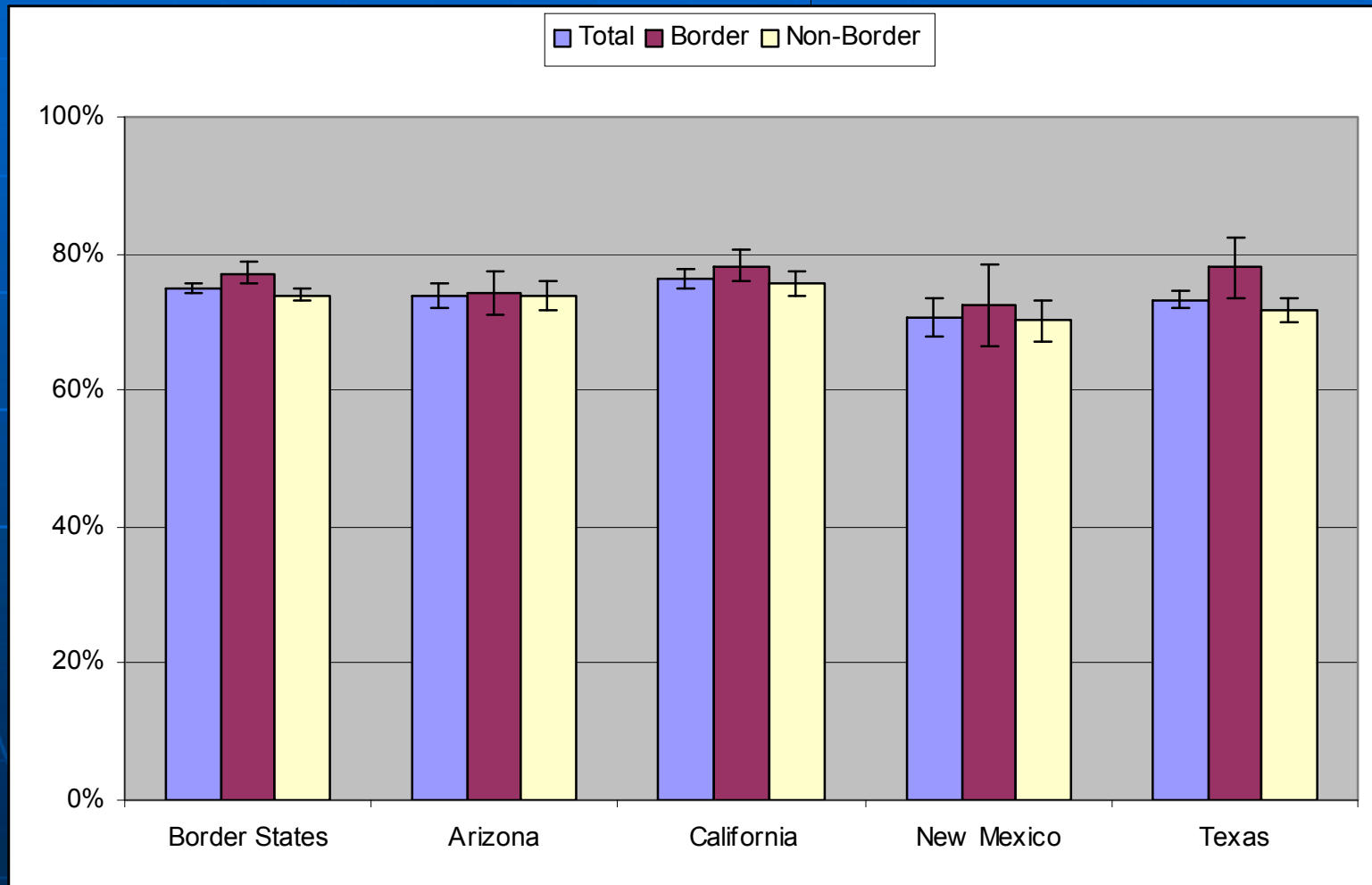
Risk factors for high school students, USA and Border States, 2007



Source: Youth Risk Behavior Survey, NCCDPHP/CDC.

Morbidity

4:3:1:3 Immunization coverage rates, 19-35 months, Border region 1998-2002



Source: National Immunization Survey, annual data.

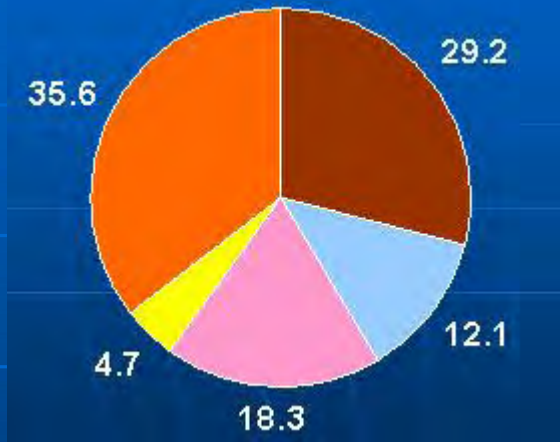
Hospital discharge rates, 0-14 years, Arizona, California and Texas border counties, 2000

Diagnosis	Number	Rate per 10,000
Acute bronchitis	4872	32.6
Pneumonia	3941	26.3
Asthma	3115	20.8
Appendicitis	1599	10.7
Fractures	1796	12.0
Malignant neoplasm	469	3.1
Diabetes mellitus	340	2.3

Source: Hospital discharge databases, State health departments of Arizona, California, Texas.

Leading cancer sites, 0-19 years of age, Border States, 1997-2006*

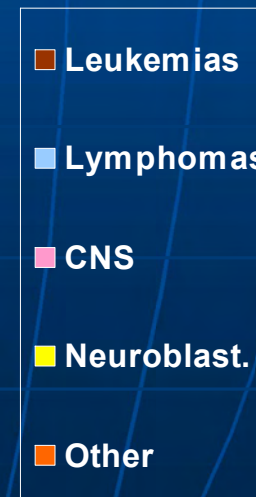
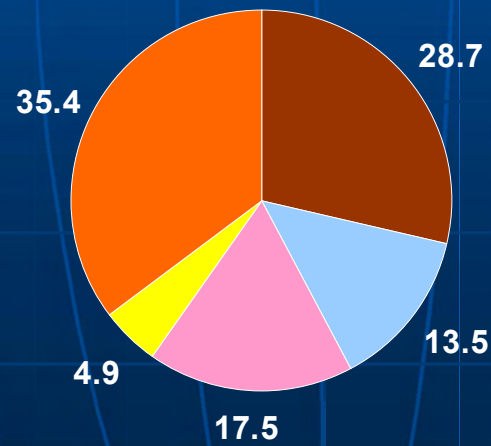
Arizona



California



Texas

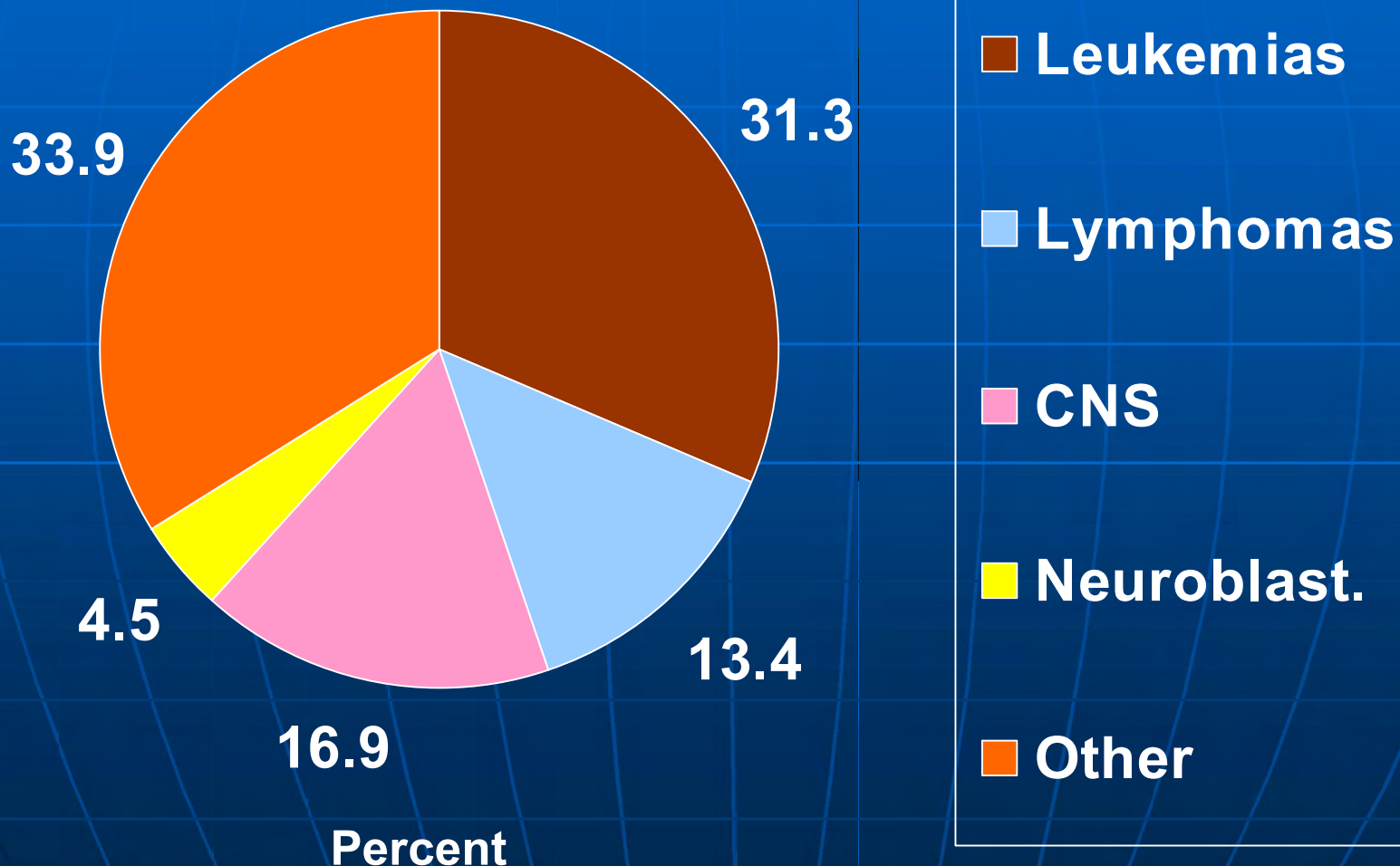


*Arizona data refer to 1995-2005.

Source: Cancer registries of Arizona, California, and Texas.

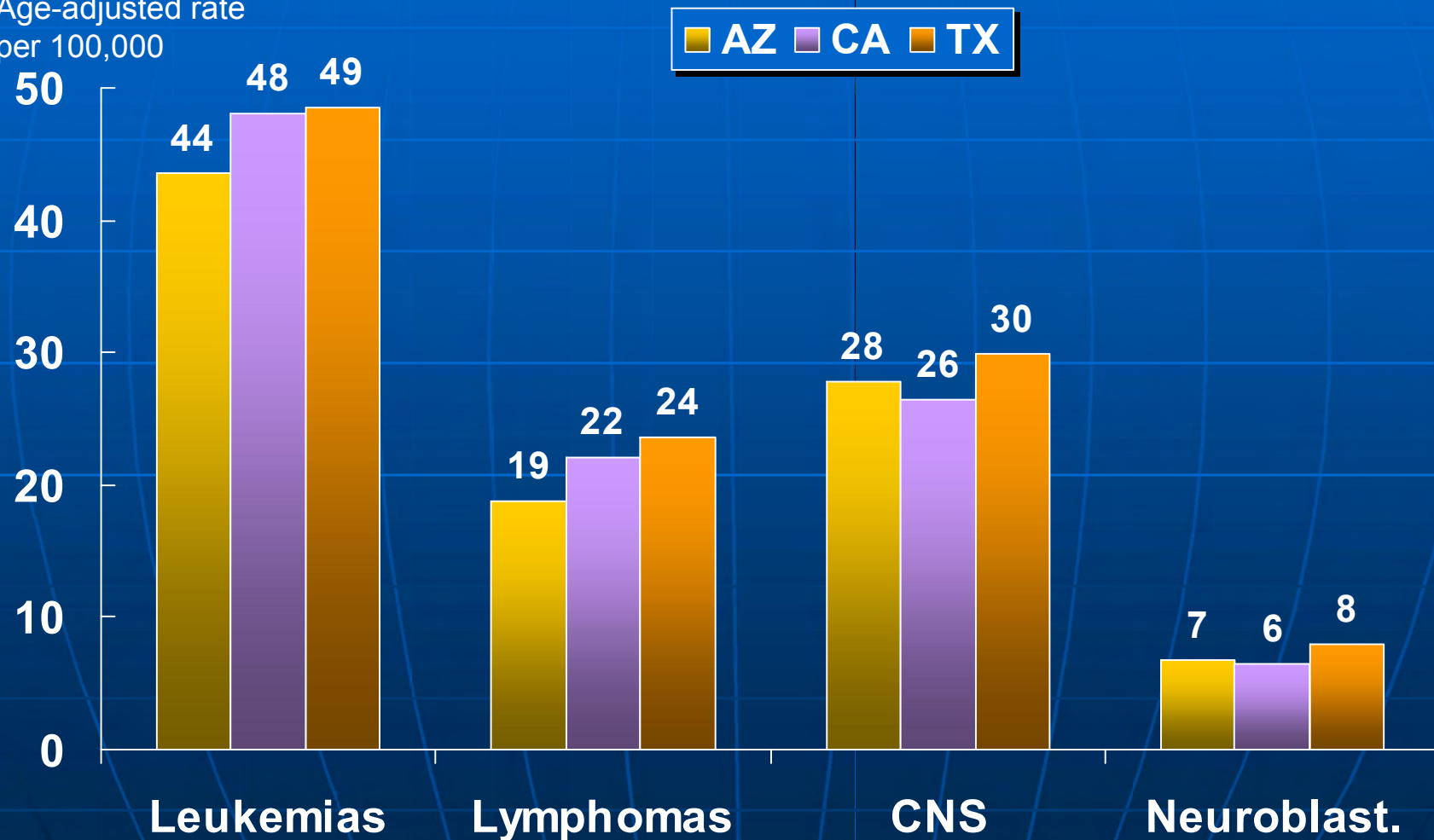
Percent

Leading cancer sites, 0-19 years of age, Border counties, 1997-2006*



Childhood cancer incidence rates, 0-19 years of age, Border States, 1997-2006*

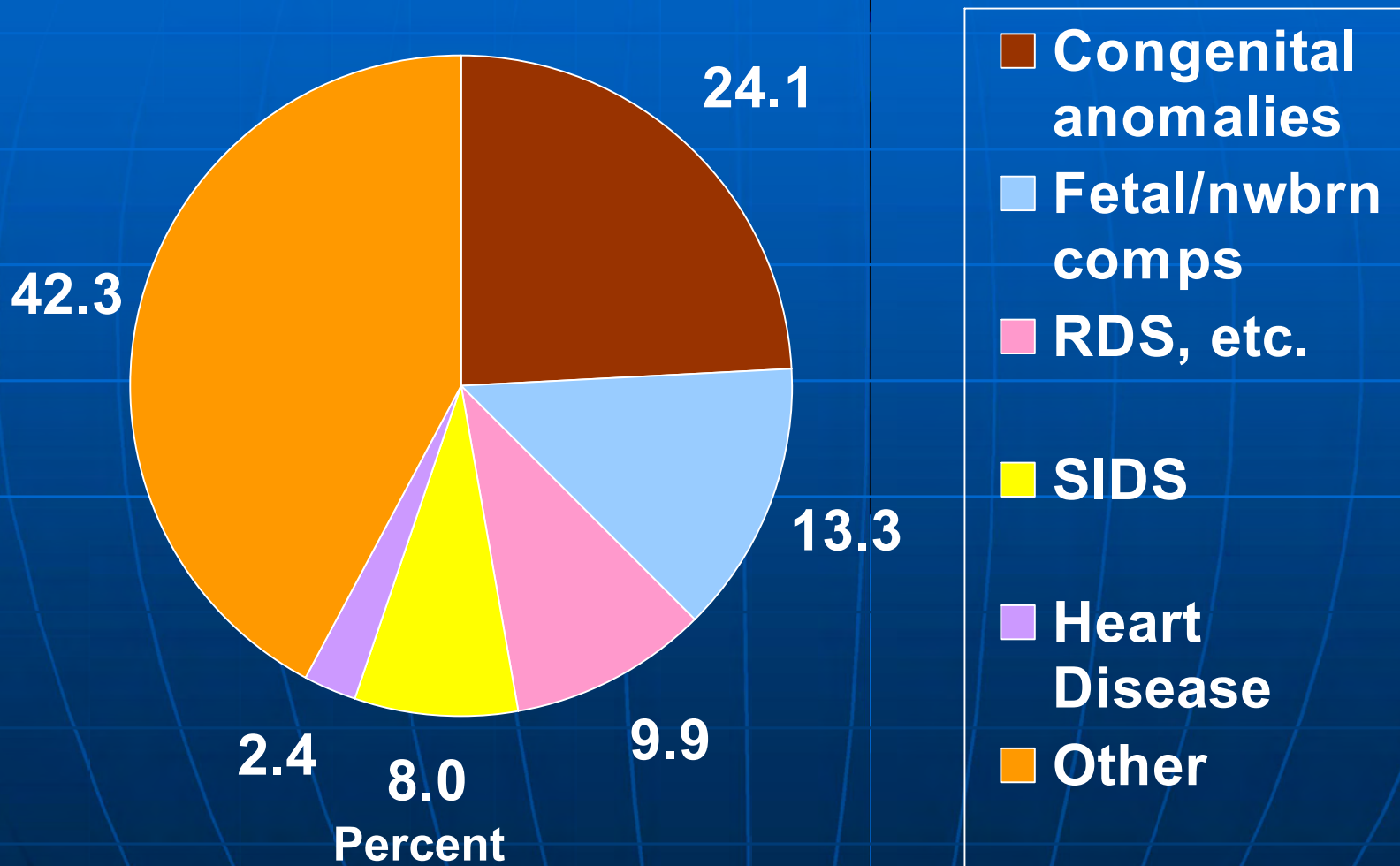
Age-adjusted rate
per 100,000



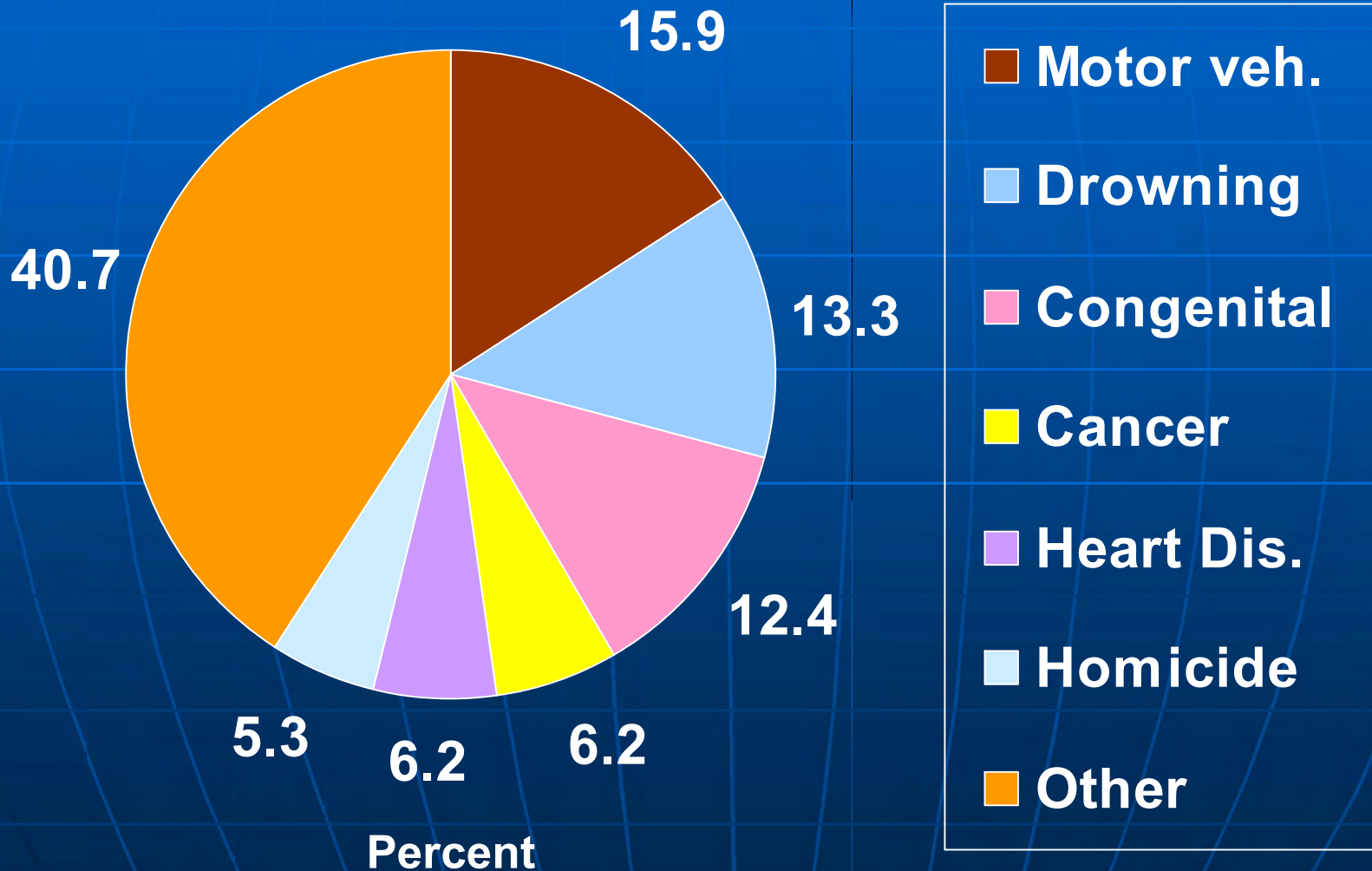
Source: State cancer registries of Arizona, California, Texas. *Arizona rates refer to 1995-2005.

Causes of Death

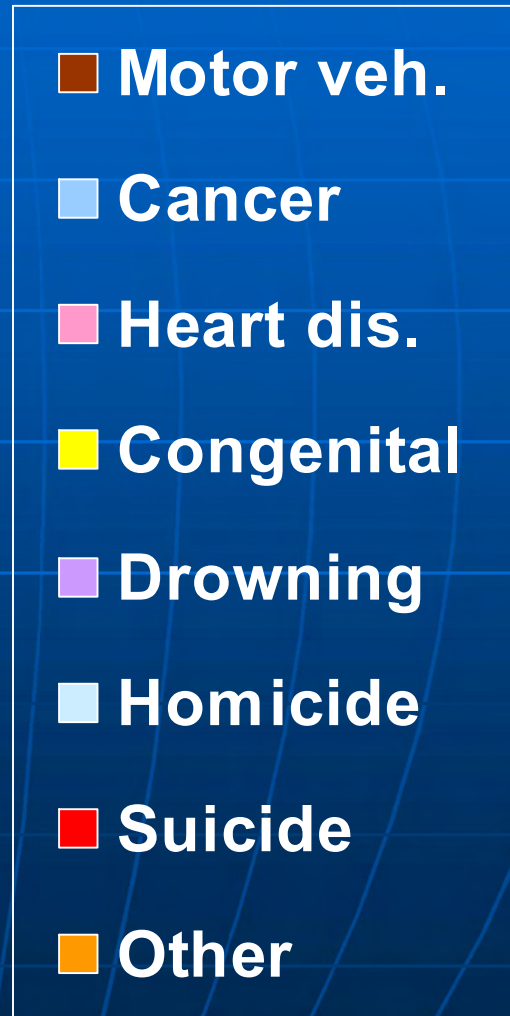
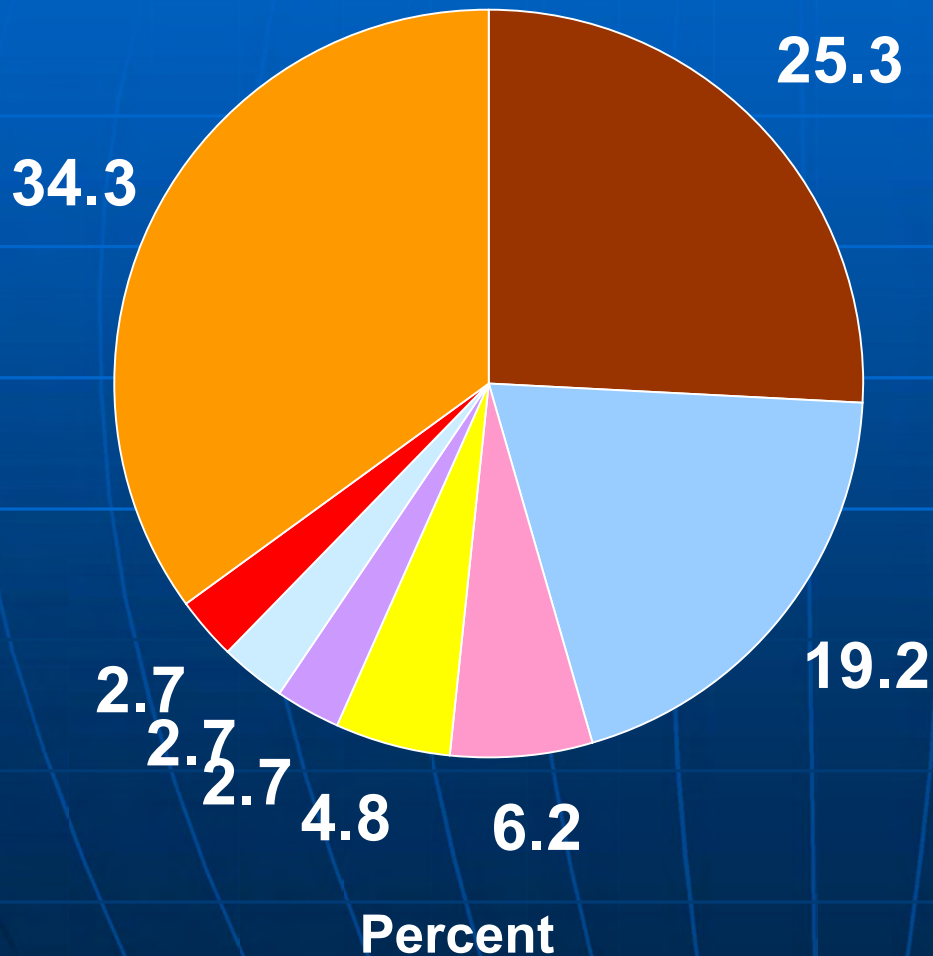
Leading causes of infant death, Border counties, 2006



Leading causes of death for 1-4 years of age, Border counties, 2006

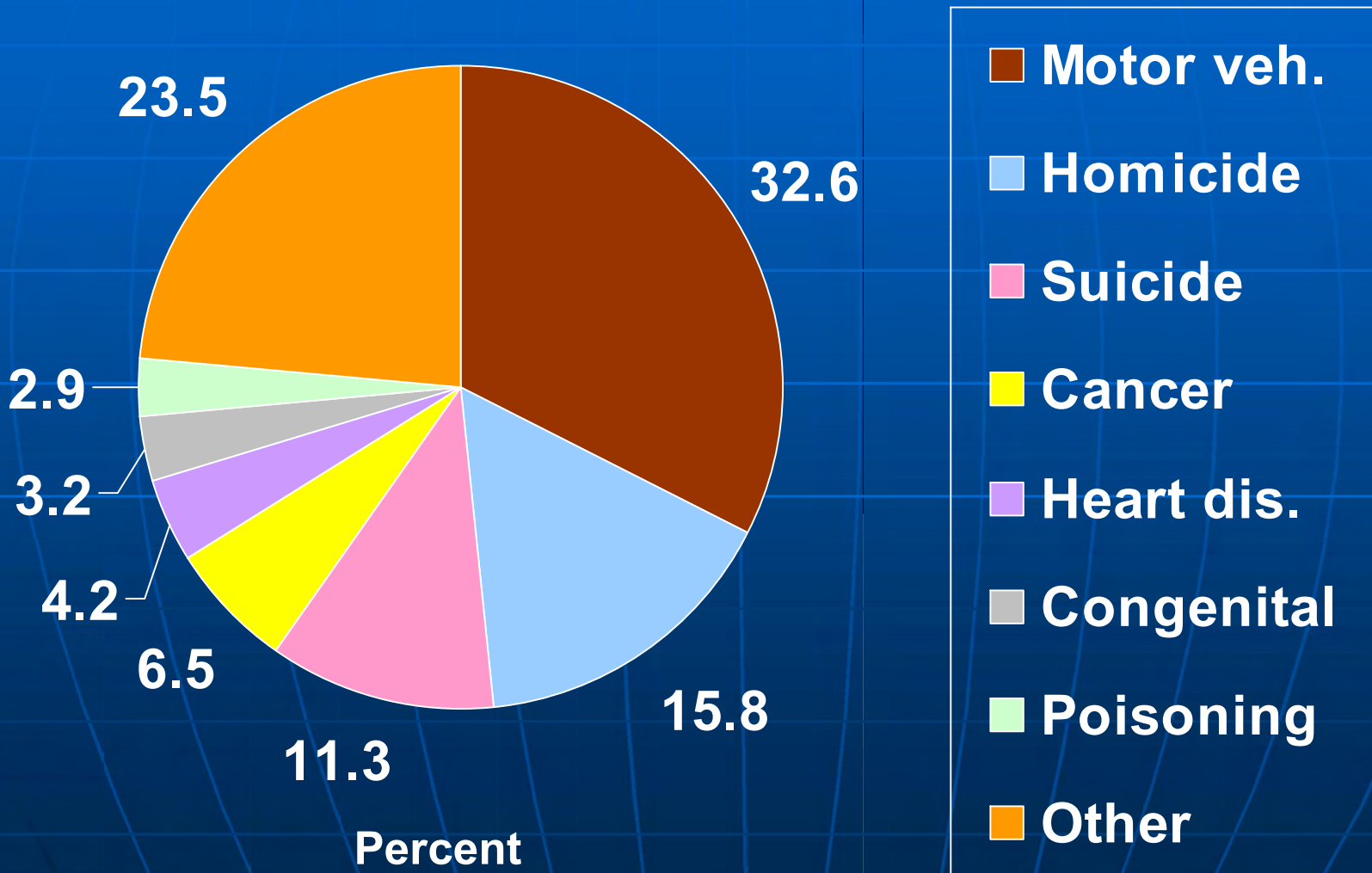


Leading causes of death for 5-14 years of age, Border counties, 2006

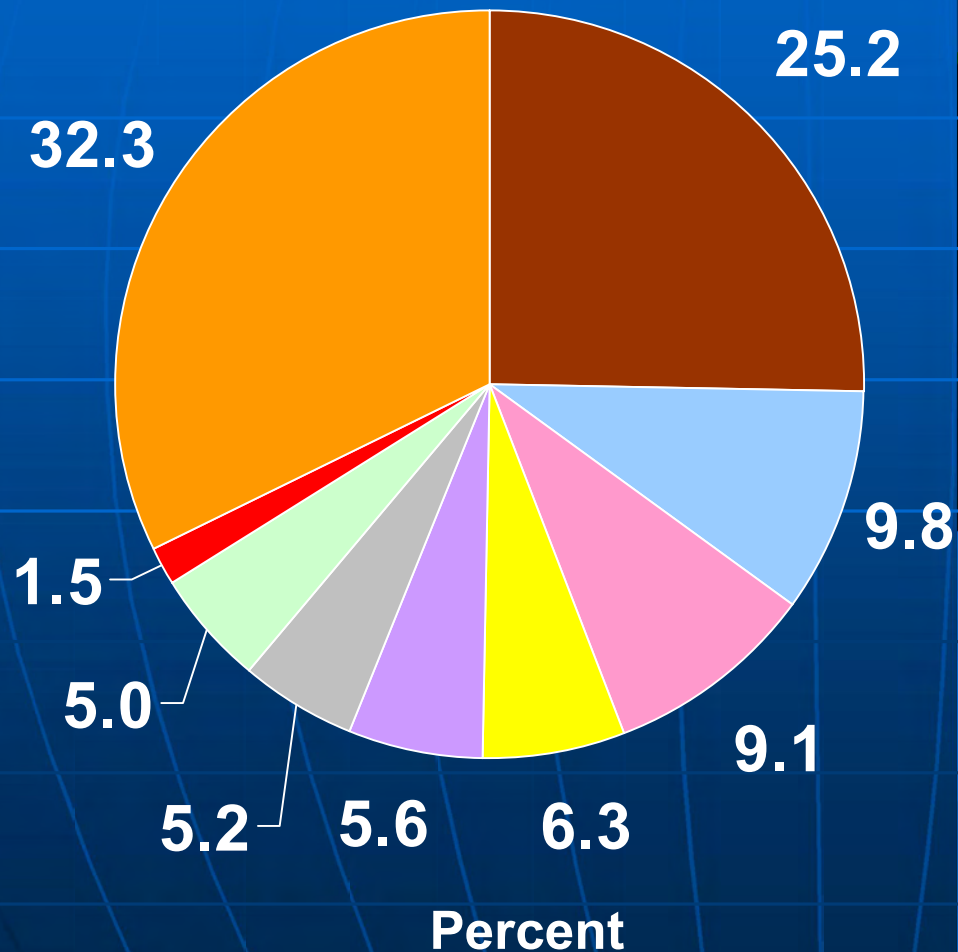


Source: National mortality files, NCHS/CDC.

Leading causes of death for 15-19 years of age, Border counties, 2006

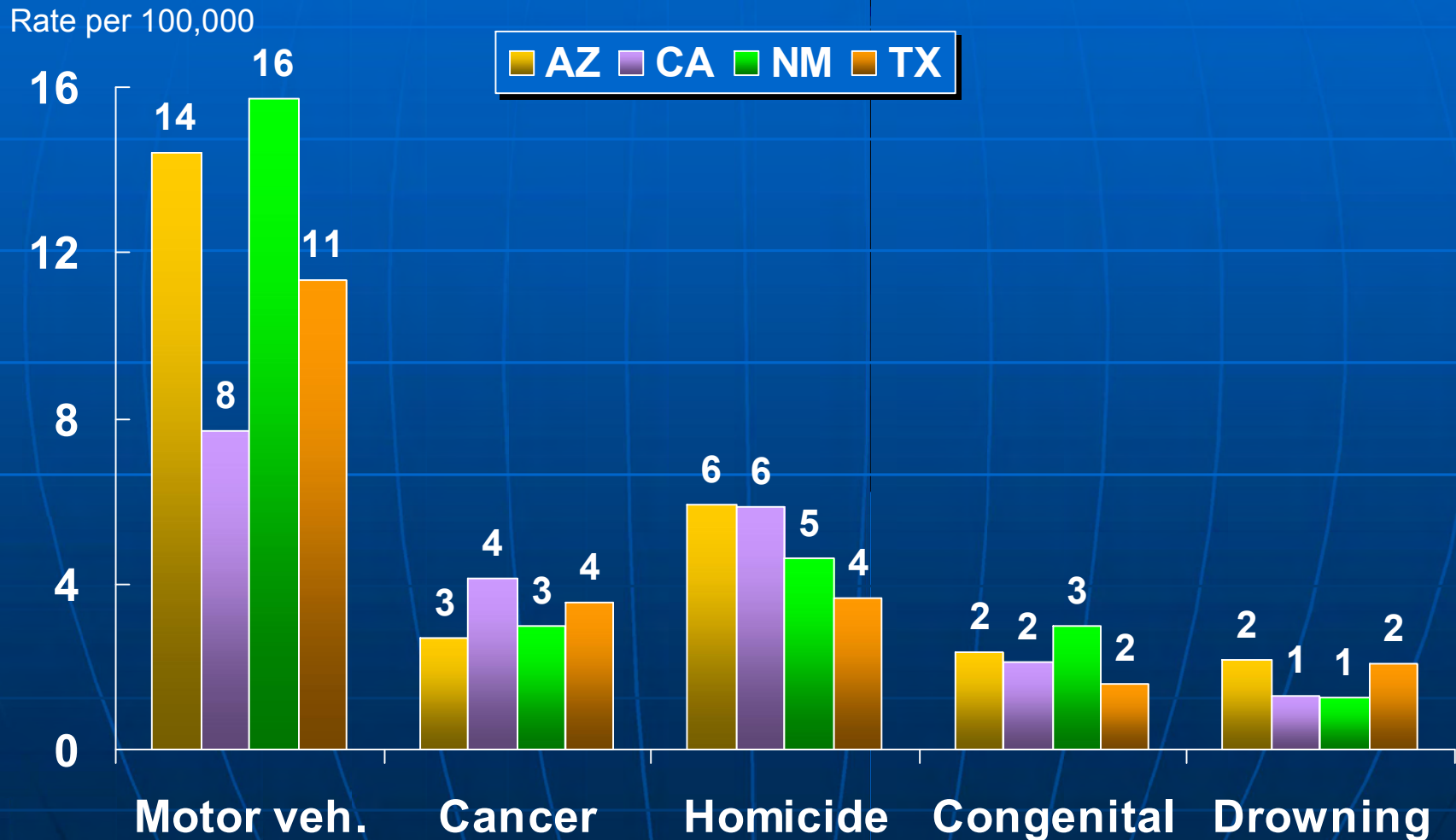


Leading causes of death for 1-19 years of age, Border counties, 2006



- Motor veh.
- Cancer
- Homicide
- Congenital
- Drowning
- Suicide
- Heart dis.
- Poisoning
- Other

Mortality rates for leading causes of death, 1-19 years of age, Border States, 2006



Source: National mortality files, NCHS/CDC.

Border Childhood Health Programs

Cross-cutting Child Health Projects

- Border Binational Health Week
- Binational Health Councils
- Border Governors Conference
Health Table

Border Childhood Health Programs

	AZ	CA	NM	TX
Access to care	Mariposa Women's health		Border Vision Fronteriza	
Surveillance	BIDS	BIDS	BIDS	BIDS
Immunization	Infant immunization week	Infant immunization week	Infant immunization week	Infant immunization week
Obesity/ Diabetes	Steps to a Healthier AZ	Project Dulce	America on the move	REACH: Promotora coalition

Border Childhood Health Programs

	AZ	CA	NM	TX
Chronic Diseases	Yuma Co. asthma in schools	BASTA: asthma & allergies		Improve cancer registration for children
Mental/Behavioral Health			SW Regional Substance Abuse	Rural Border Initiatives
Environmental Health	Ambos Nogales Air Quality	US Border Lead Outreach	Health/Home Safety Education	

Thank you!

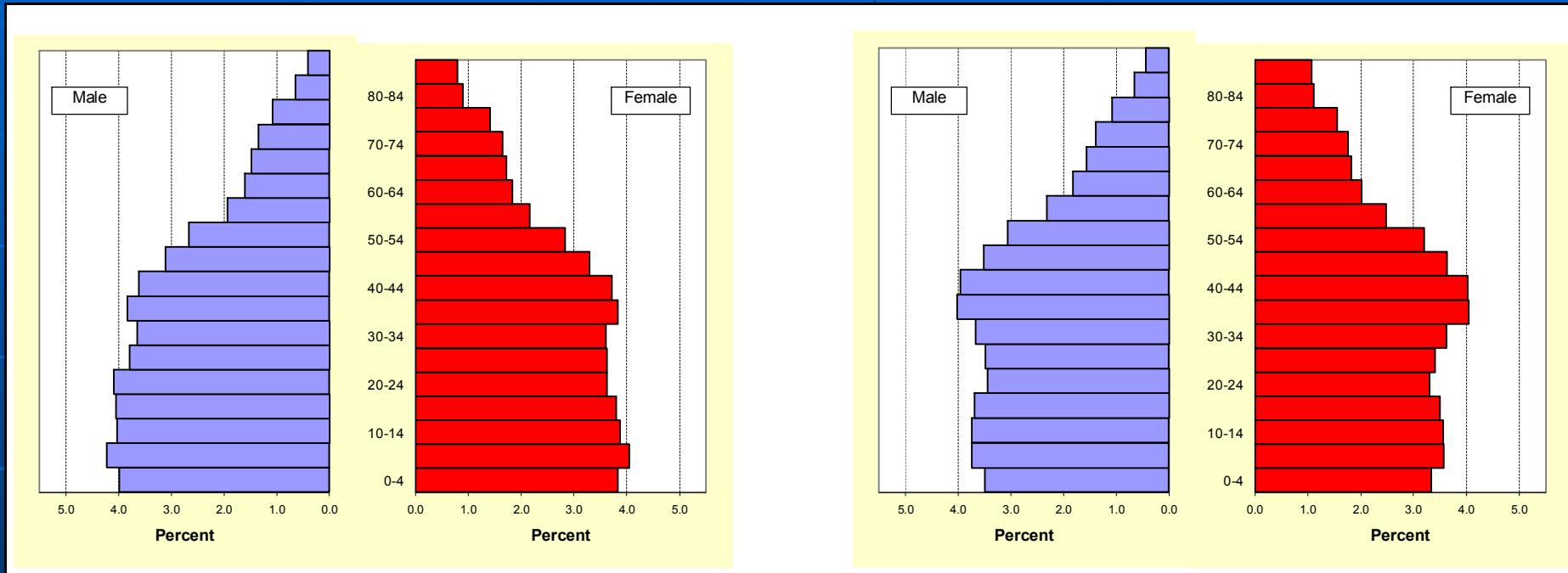
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301-458-4402

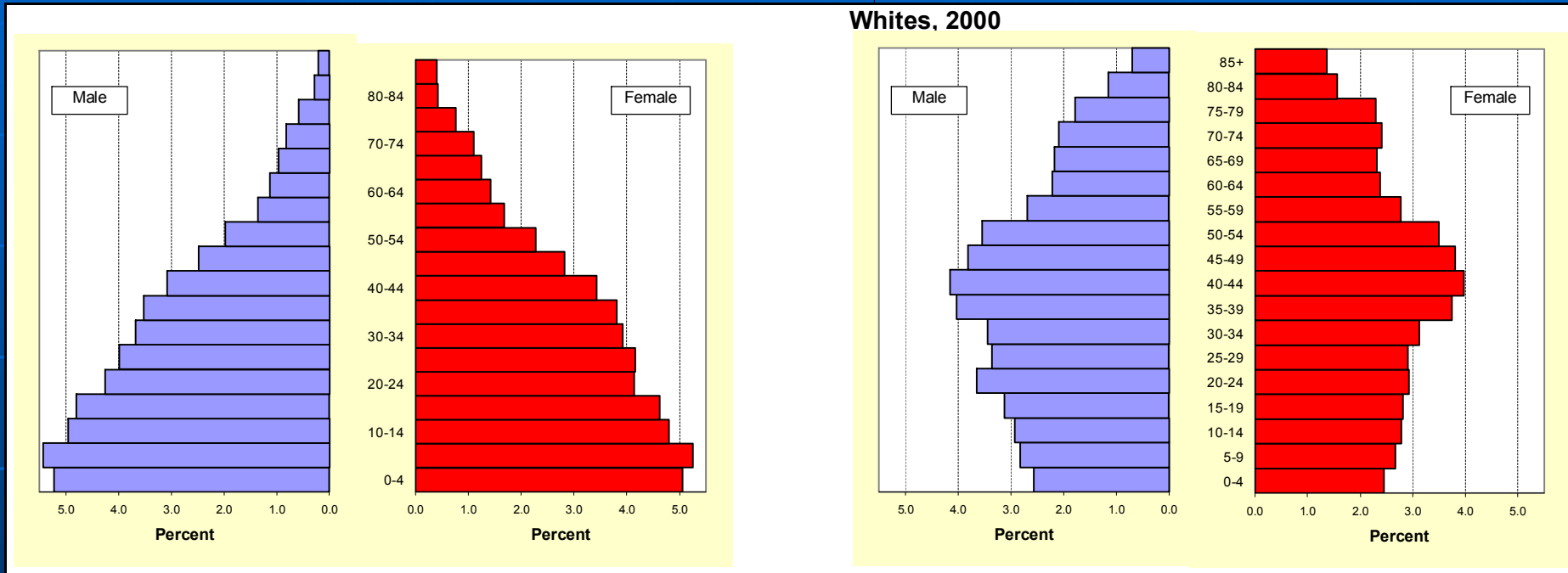
Population by age and sex, USA and US border counties, 2000



US border counties

USA

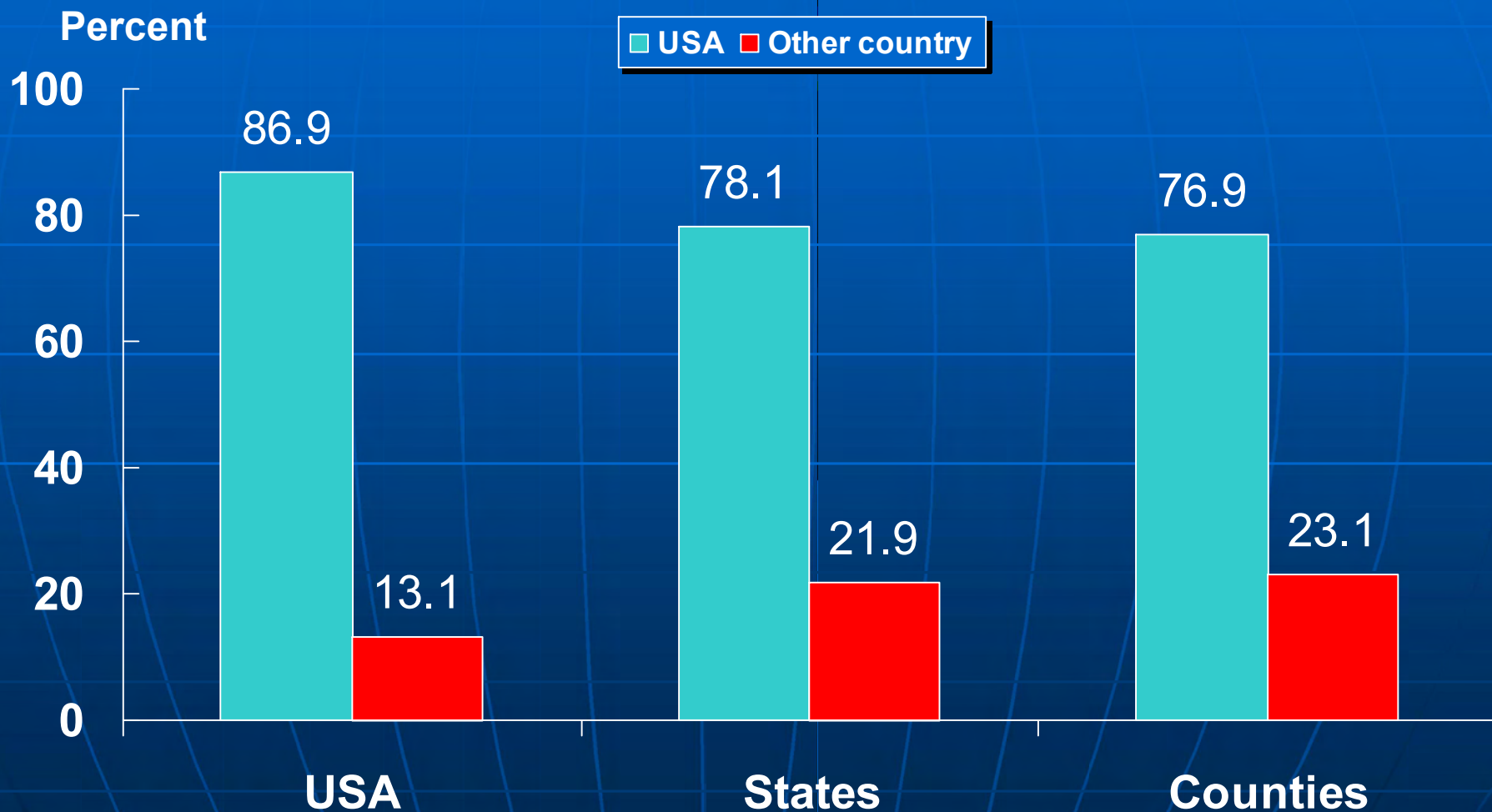
Population by age and sex, US border counties, 2000



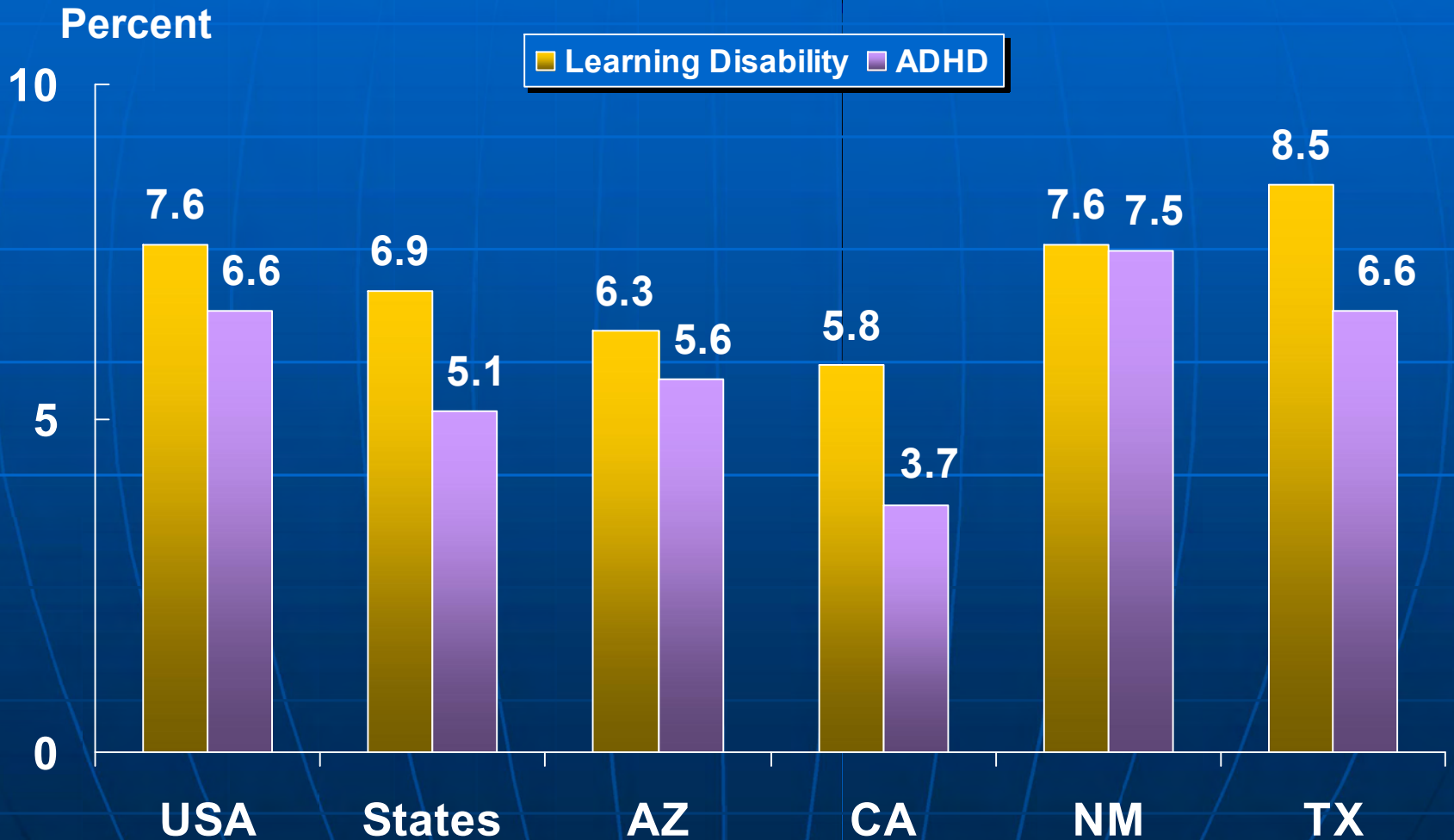
**US border
Hispanics**

**US border White
non-Hispanics**

Place of birth, USA and border states and counties, 2005-07

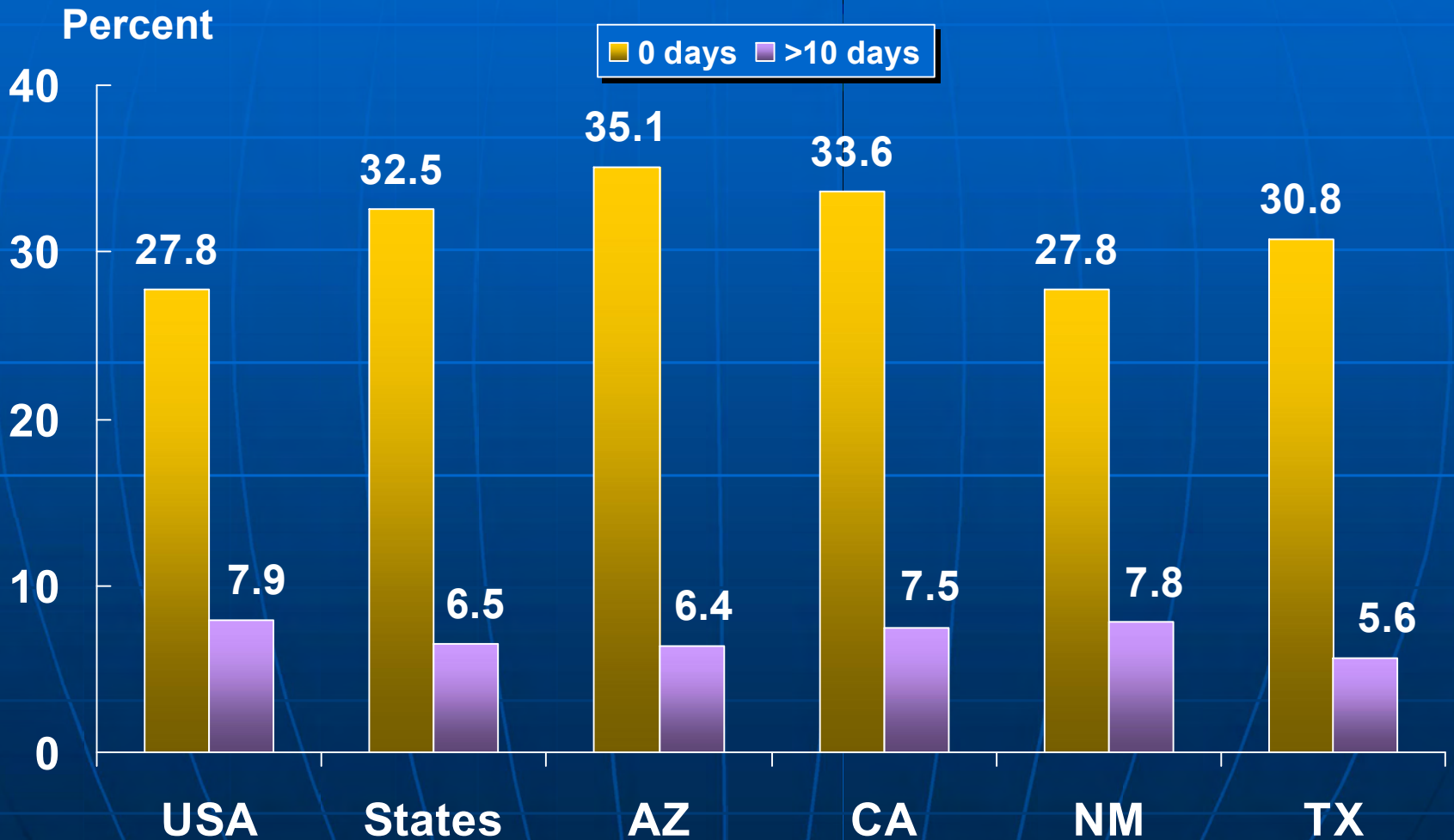


Percent of children with a learning disability or ADHD, USA and Border States, 2002-07



Source: National Health Interview Survey, NCHS/CDC.

Percent of children who missed school days due to illness or injury, USA and Border States, 2002-07



Source: National Health Interview Survey, NCHS/CDC.