



Families with Young Children Benton , Linn & Lincoln Counties

Early Learning Hubs: Empowering Communities Around
Outcomes for Children

February 24 and April 2, 2014

Made possible by Benton County Health Services. *At your service every day.* February 24, 2014

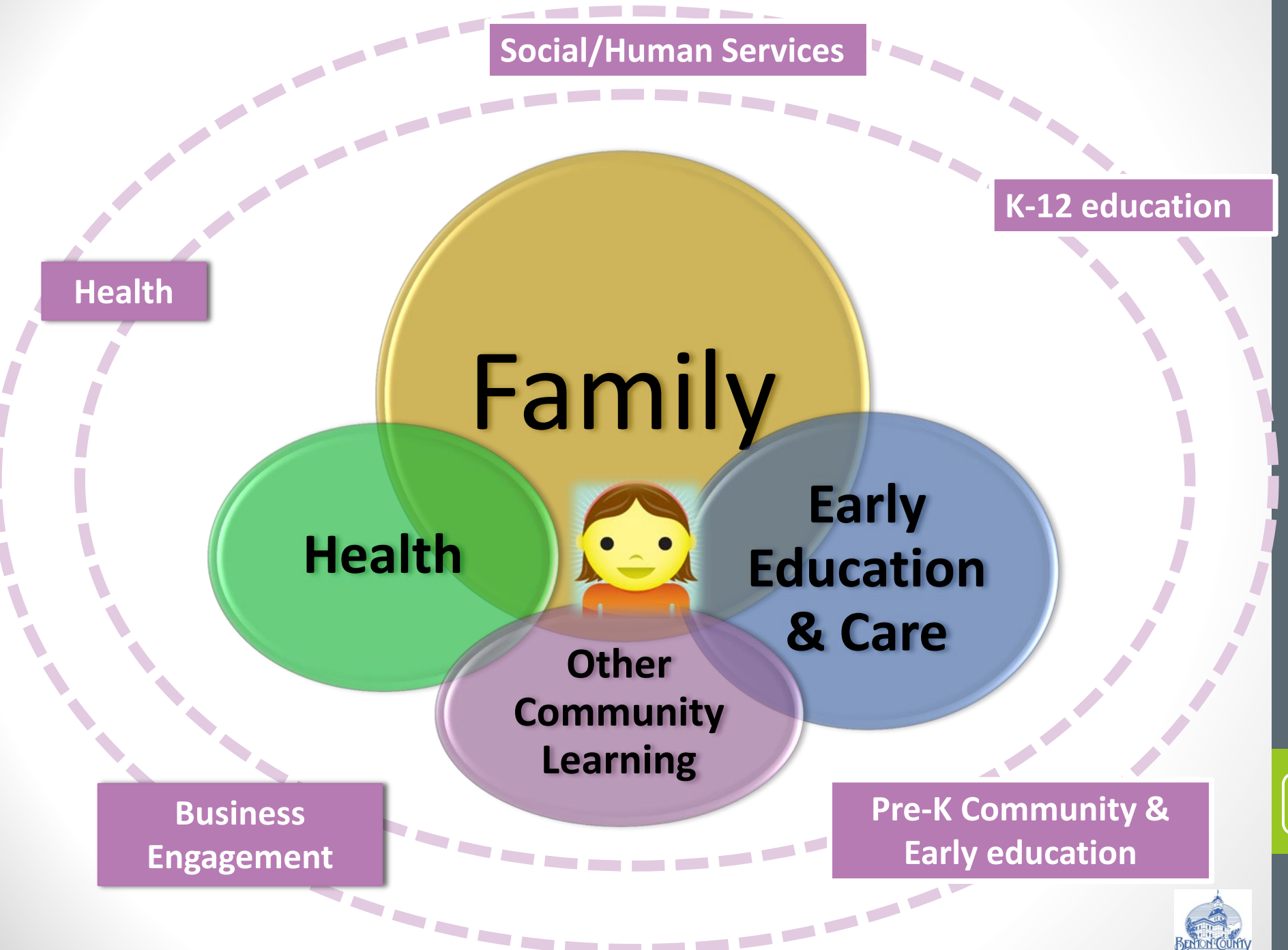


What do families need to support early learning for young children in Lincoln, Benton and Linn Counties?

Building Blocks of Early Learning



Ecological Model of Child Development & 5 Sectors for EL Hub



Who are young children in Benton, Linn & Lincoln
Counties?

YOUNG CHILD DEMOGRAPHICS

Households & Families, with children under 6 years, by County

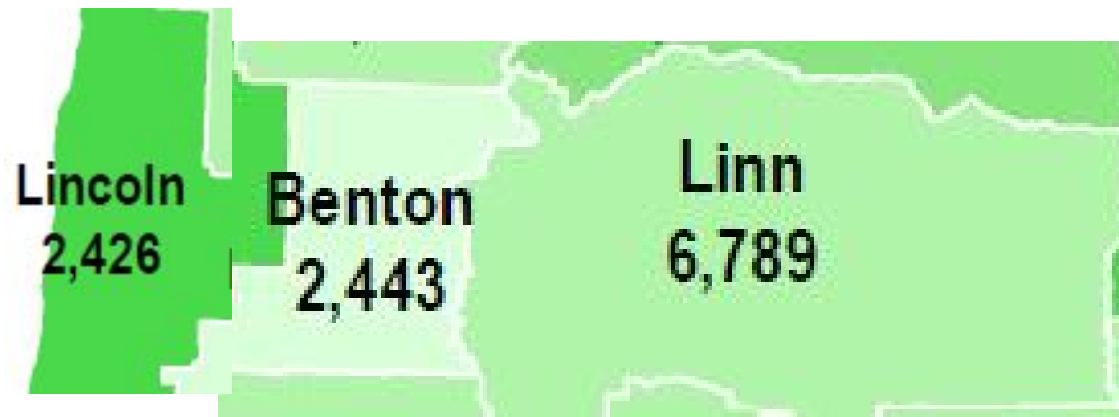
	Total	Married-Couple Family	Single Parent, Male	Single Parent, Female	Total Single Parent
Benton County	3,204 (10%*)	79%	4%	17%	21%
Linn County	6,017 (13 %*)	62%	8%	30%	38%
Lincoln County	1,665 (8%*)	72%	13%	15%	28%

* Of all households in County

At Risk Children*: Ages 0 to 6

January 2013

Number of Oregon DHS and OHA Clients served in region

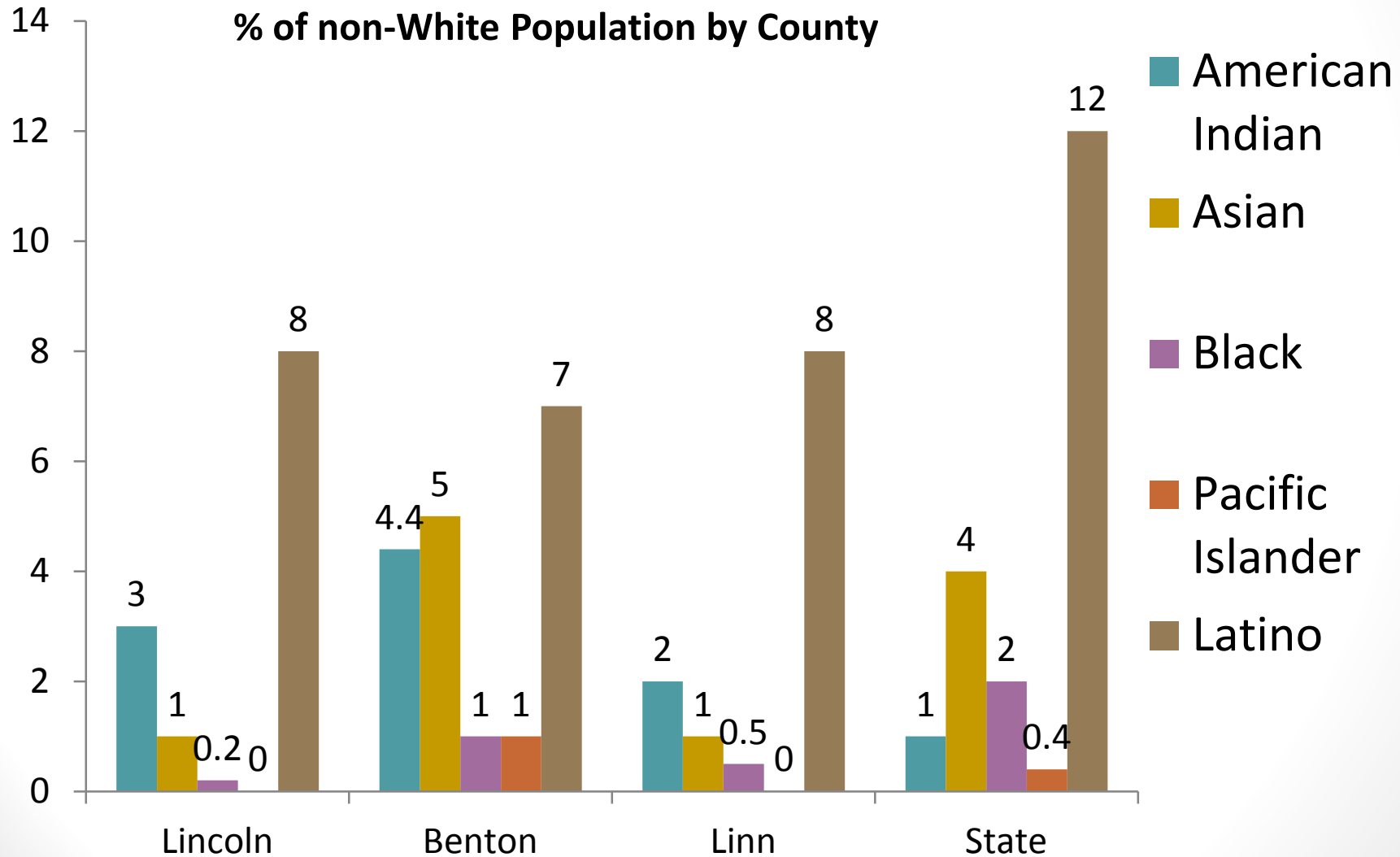


- 72.1% - 85.7% of all children 0-6 years in Lincoln
- 40.5%-47.8% of all children 0-6 years in Benton
- 47.9% -63% of all children 0-6 years in Linn

Source: DHS/OHA Client Data, Oregon DHS/OHA; Office of Forecasting, Research & Analysis; Integrated Client Services Data Warehouse 2012 Population Estimates, Population Research Center, PSU

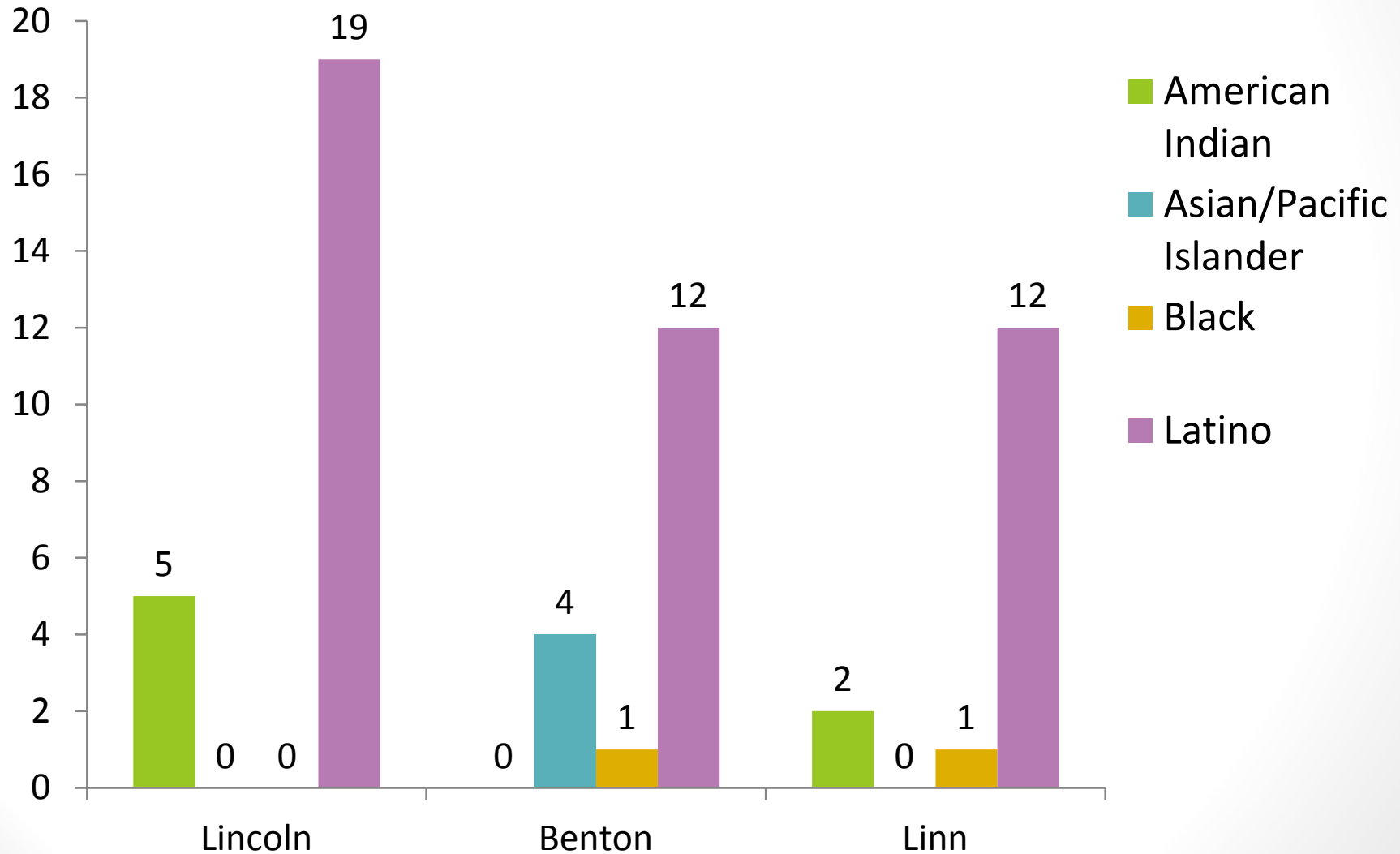
* "At-Risk Child" Section 12 Oregon Laws Chapter 32- 1 of 8 Criteria

A Region of Growing Diversity



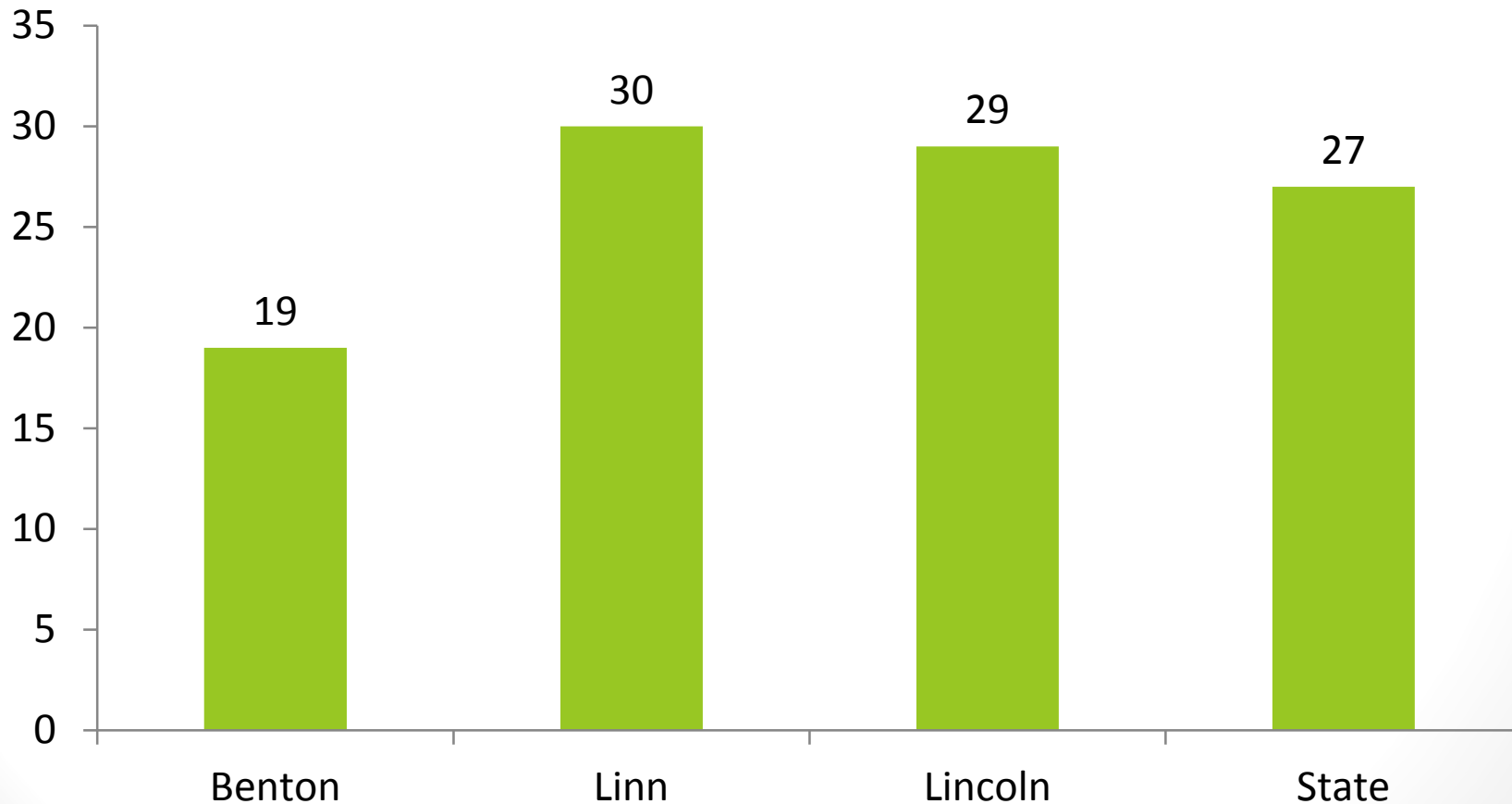
Source: U.S. Census, 2012, 2010-2012 3 YR Estimate

Kindergarten population, non-white, 2013



Children Living in Poverty

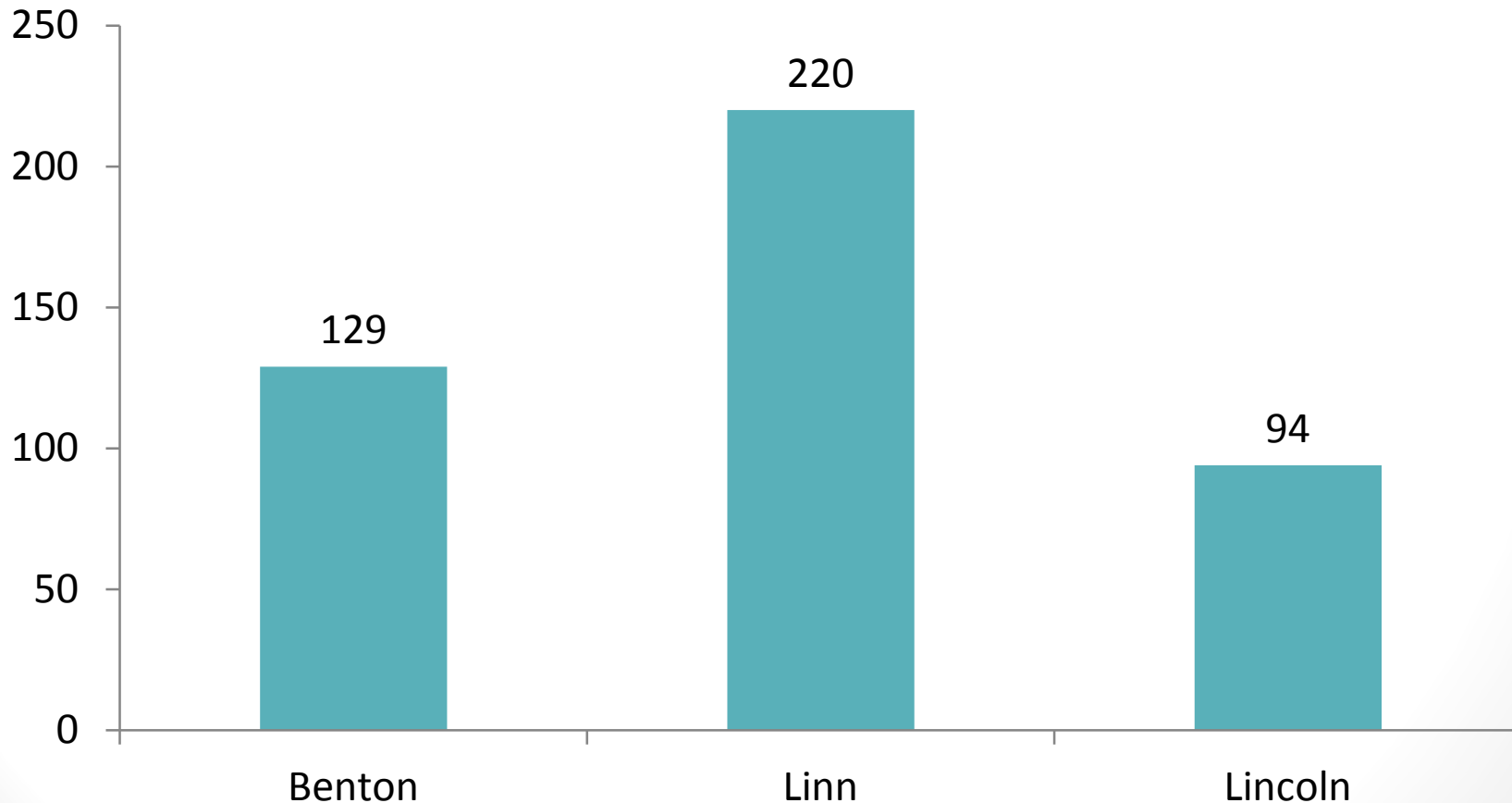
**Percentage of youth with household income less than
125% FPL**



Source: 2008-2012, American Community Survey, 5 year estimate

Children with Disabilities and Special Health Needs

Children with Developmental Disabilities, Case Management Enrollment , 2013



Source: Oregon Department of Human Services (June 2013) Seniors and People with Disabilities Developmental Disabilities Data Book

How well do young children perform on State Testing measures?

EDUCATIONAL ASSESSMENTS

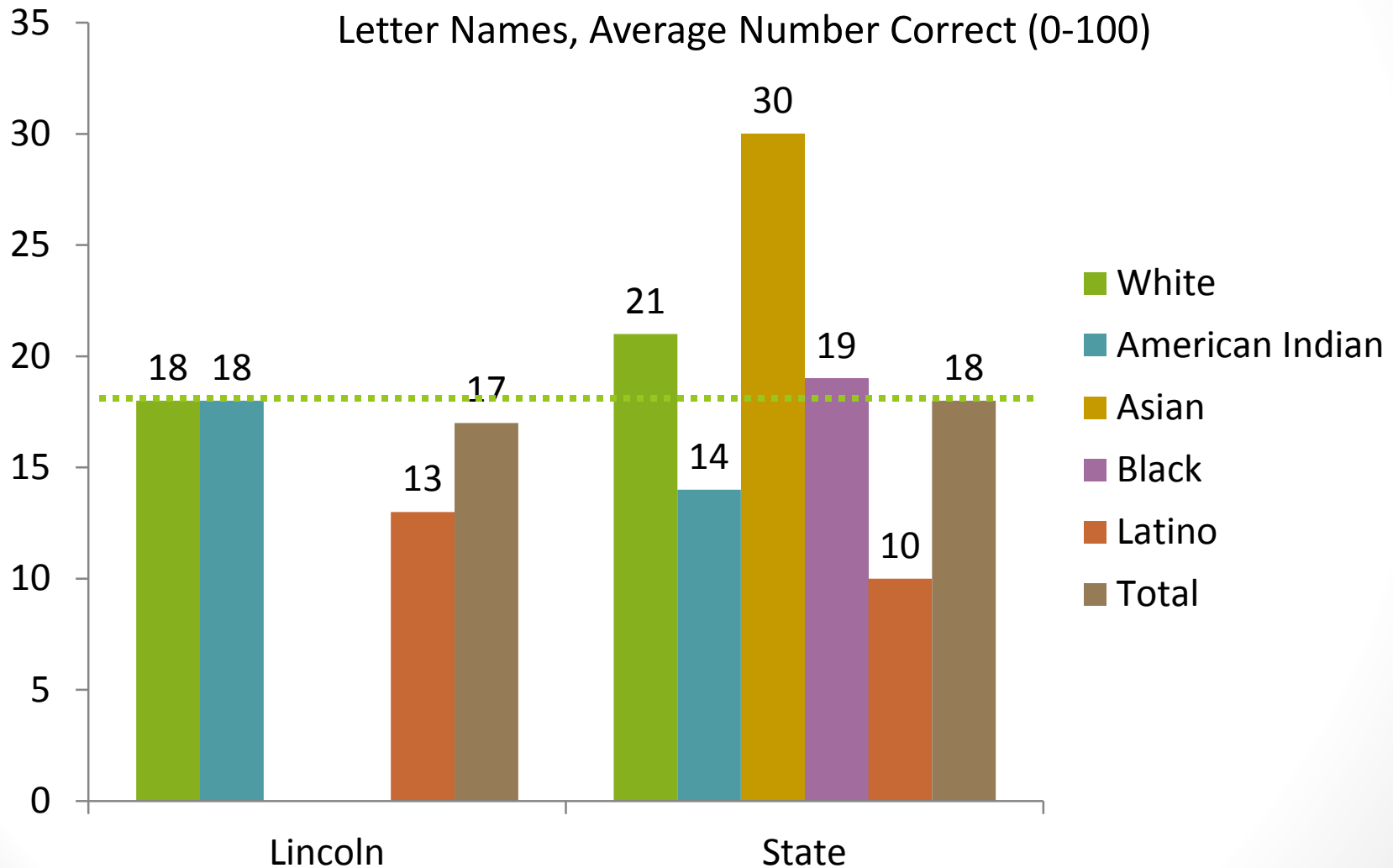
Oregon Kindergarten Assessment

- All students entering Kindergarten
 - within first 6 weeks
- Early Literacy
 - English Letter Names and English Letter Sounds
 - Spanish Syllable Sounds (additional for Spanish-speaking ELLs)
- Early Math
 - Numbers and operations
- Approaches to Learning
 - Self-regulation
 - Social-emotional
 - Observational segment completed by student's teacher
 - Child Behavior Rating Scale (15 items)
- Results of the KA will be used to address achievement gaps

Oregon Kindergarten Assessment

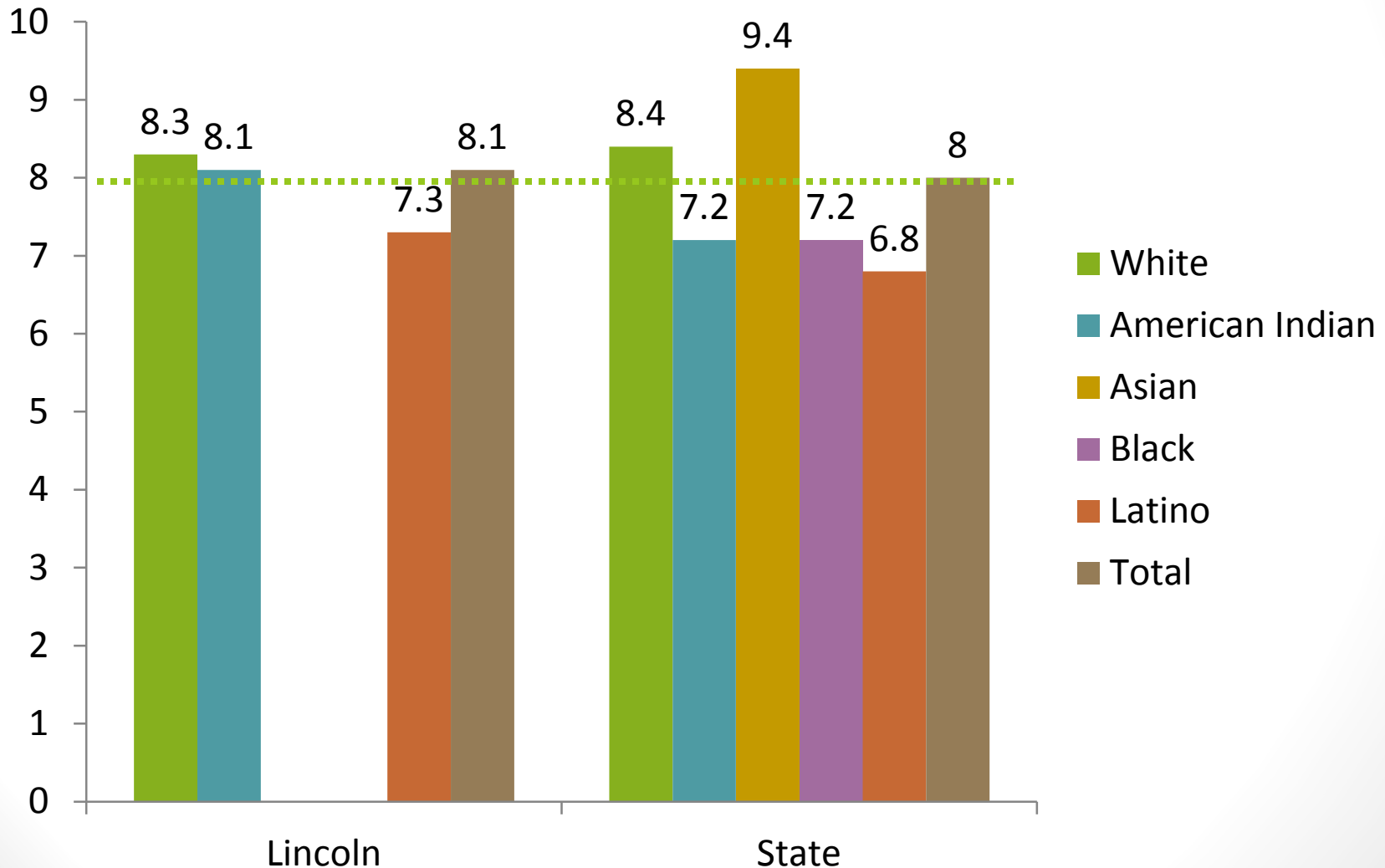
- All students entering Kindergarten
 - within first 6 weeks
- Early Literacy
 - English Letter Names and English Letter Sounds
 - Spanish Syllable Sounds (additional for Spanish-speaking ELLs)
- Early Math
 - Numbers and operations
- Approaches to Learning
 - Self-regulation
 - Social-emotional
 - Observational segment completed by student's teacher
 - Child Behavior Rating Scale (15 items)
- Results of the KA will be used to address achievement gaps

Early Literacy, Lincoln Co. SD, 2013-2014



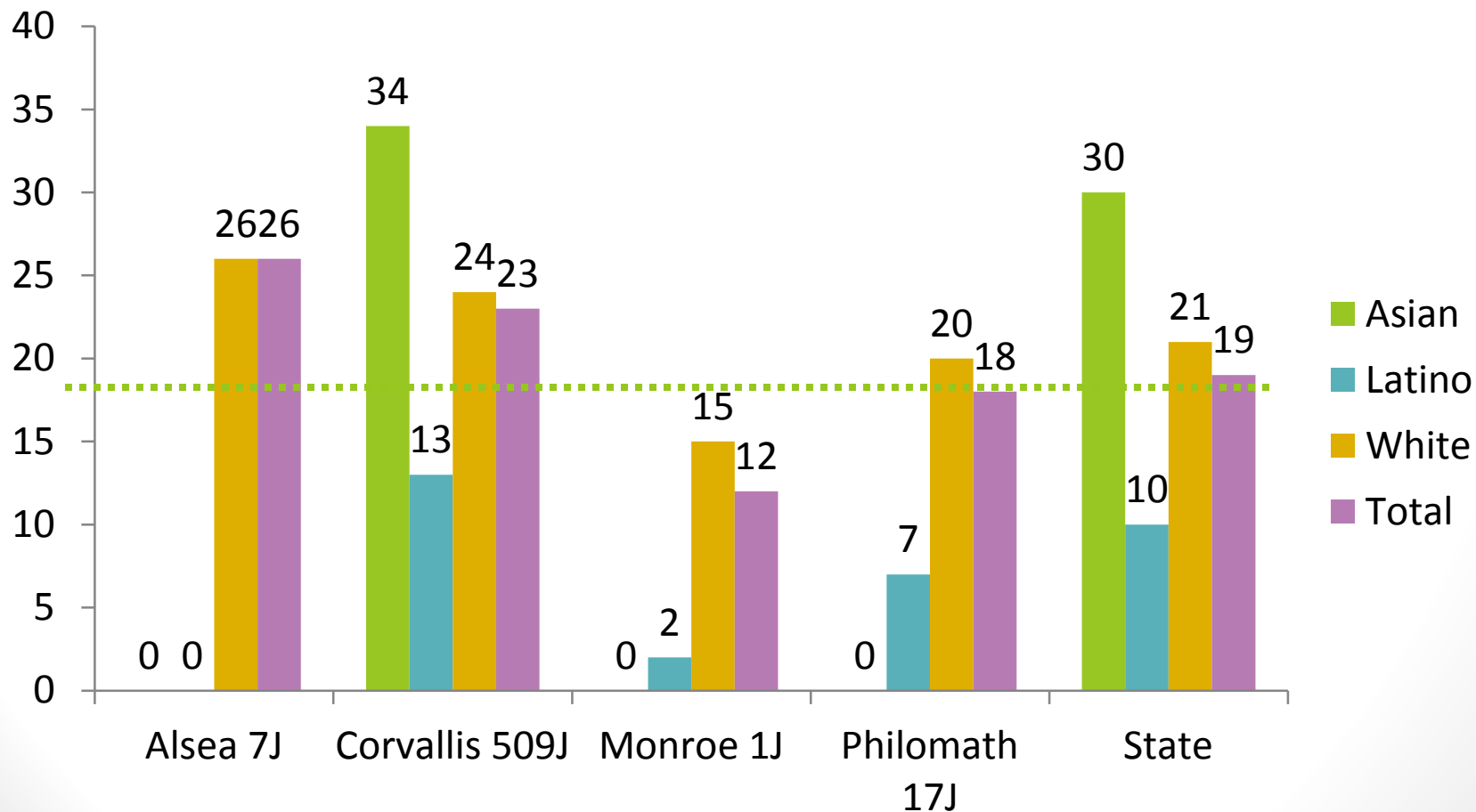
Early Math, Lincoln Co. SD, 2013-2014

Numbers & Operations, Average Number Correct (0-16)



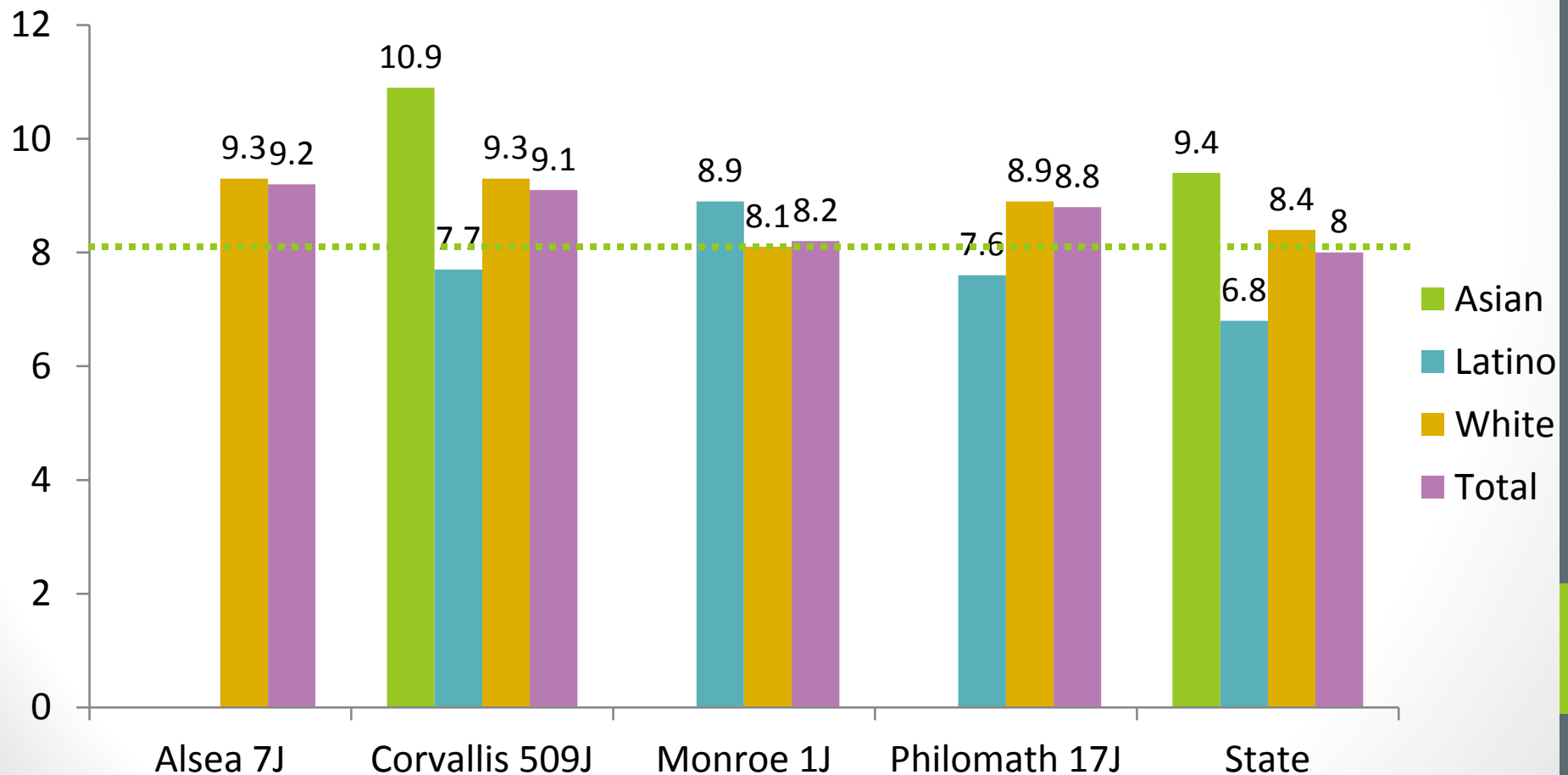
Early Literacy, Benton Co School Districts, 2013- 2014

Letter Names, Average Number Correct (0-100)



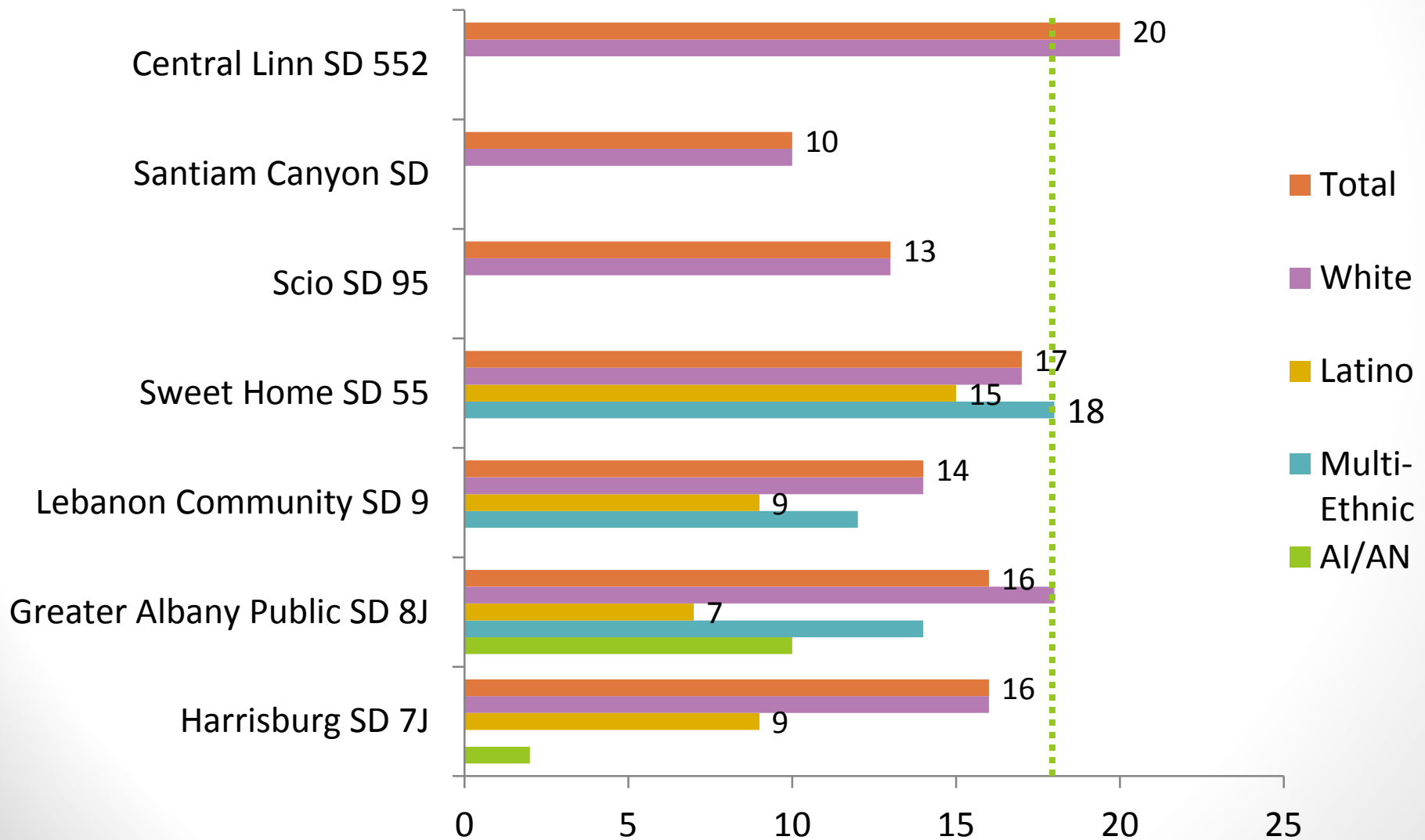
Early Math, Benton Co School Districts, 2013- 2014

Numbers & Operations, Average Number Correct (0-16)



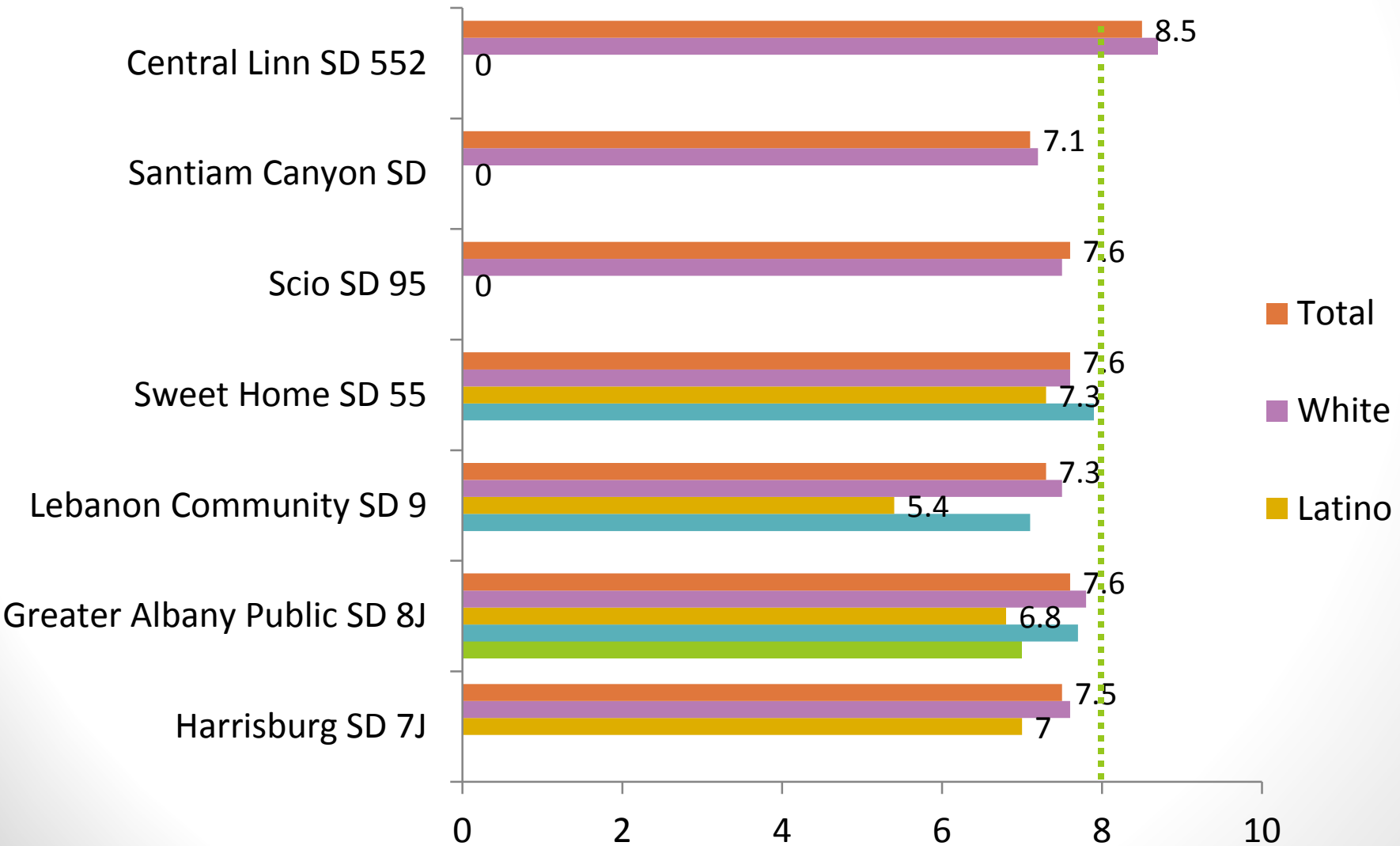
Early Literacy, Linn Co. School Districts, 2013-2014

Letter Names, Average Number Correct (0-100)



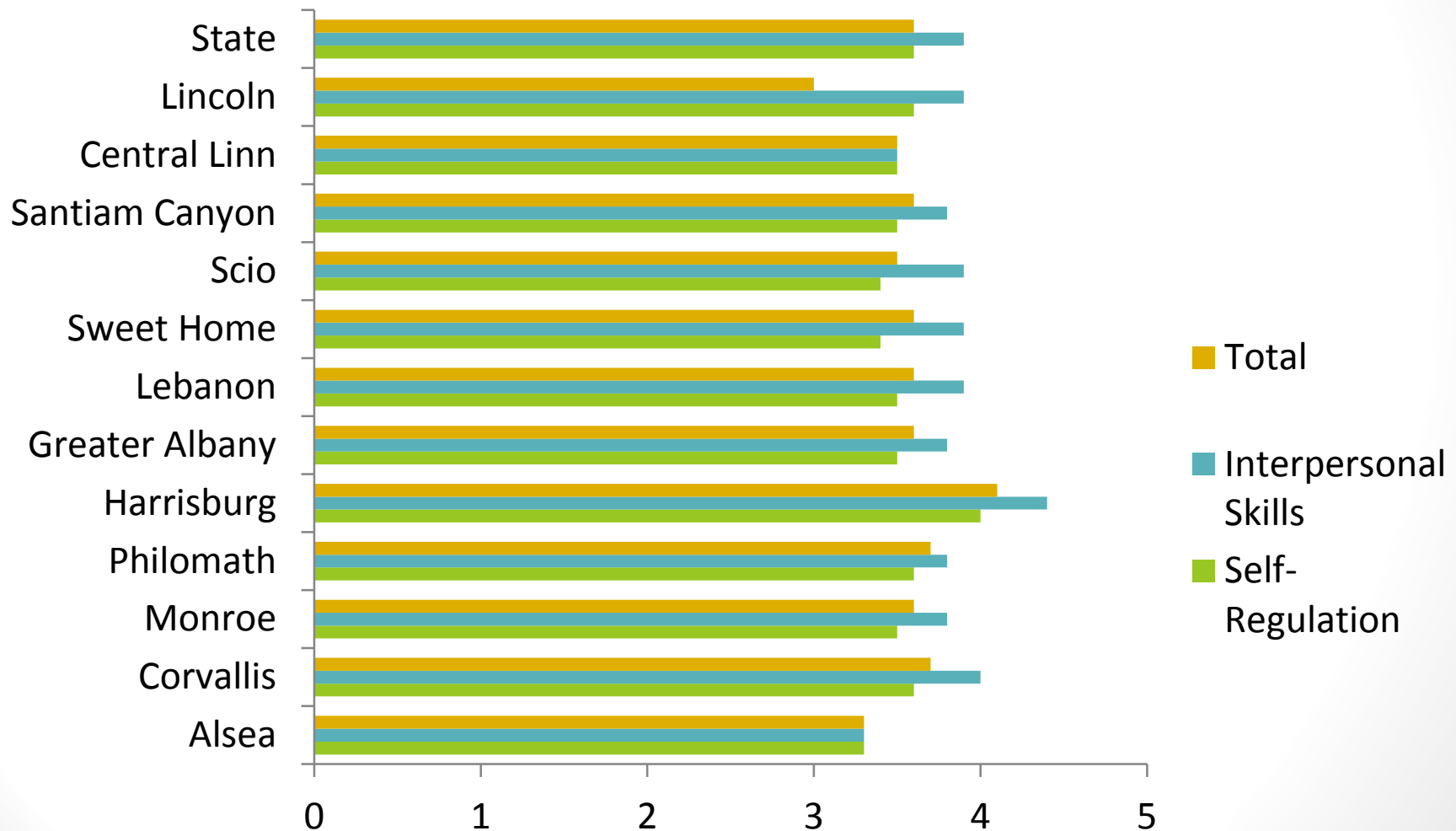
Early Math, Linn Co. School Districts, 2013-2014

Numbers & Operations, Average Number Correct (0-16)

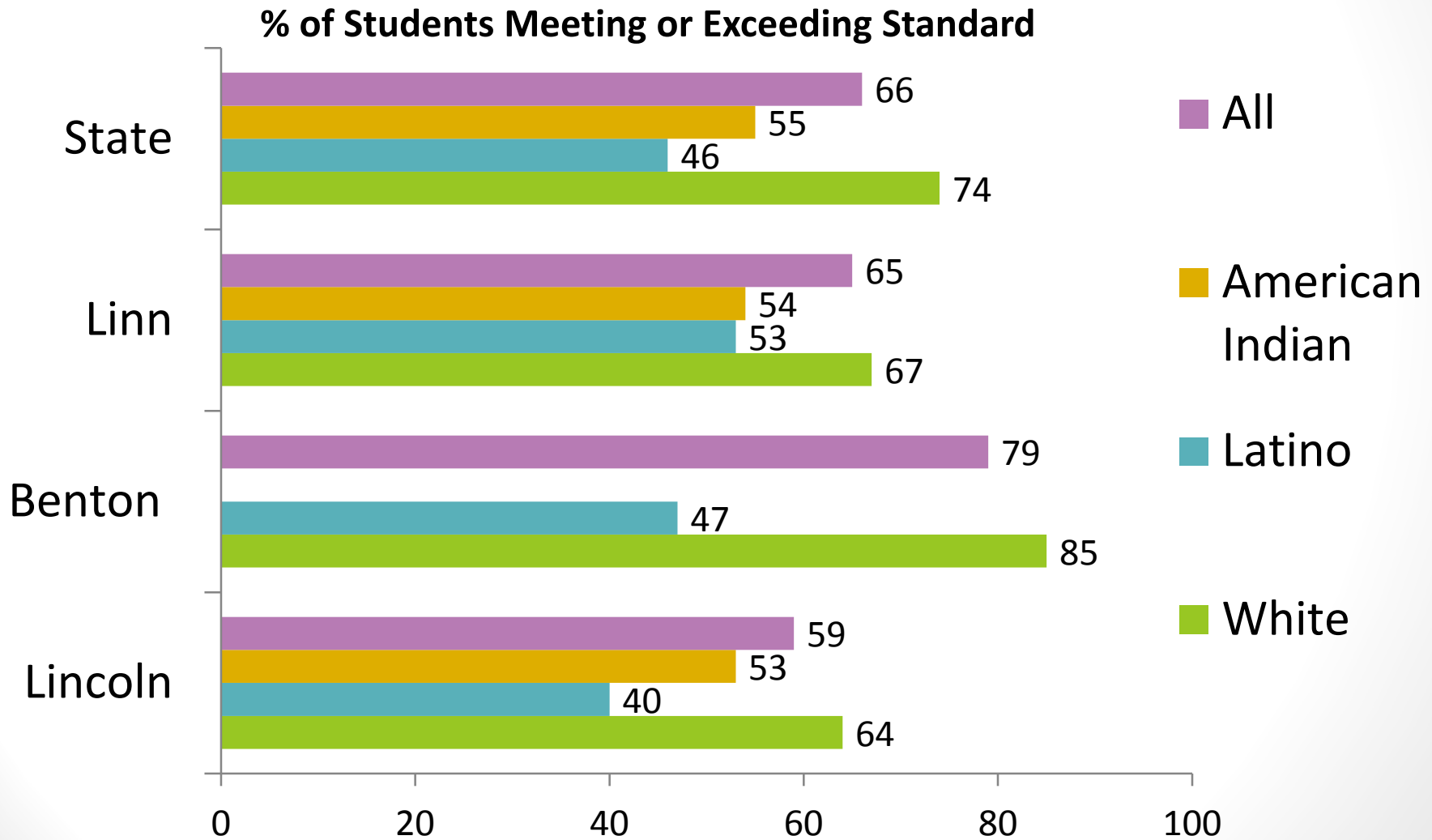


Approaches to Learning Kindergarten Assessment, by School District

Average Rating (1-5)



Third Grade Reading Performance by County and sub-Group, 2013



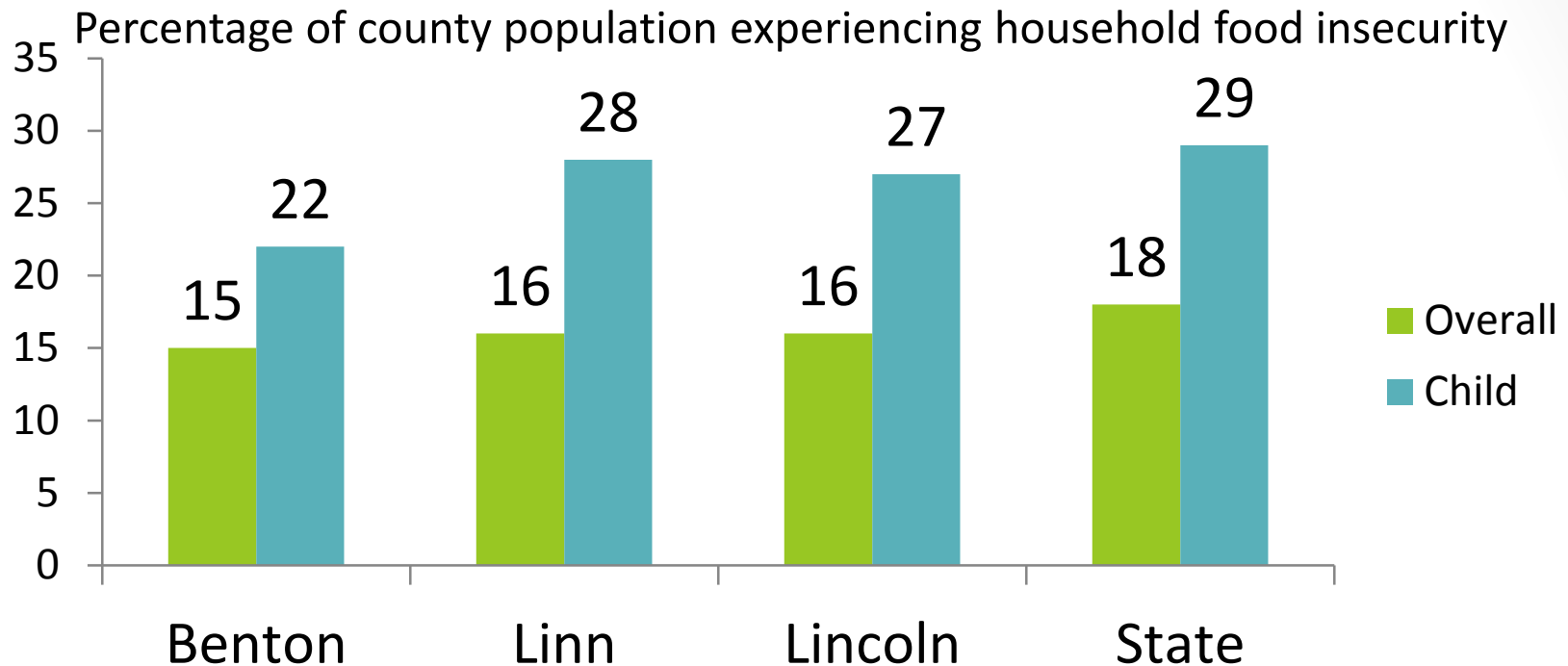
What are the health concerns for young children?

PUBLIC HEALTH INDICATORS

Young Children's Health

1. Food Insecure Households
2. Hospitalization due to Asthma (0-4 years)
3. Child abuse/neglect
4. Immunization (0-2 years)
5. Oral Health
6. Overweight & Obesity (physical inactivity & diet)

Food Insecurity, 2011

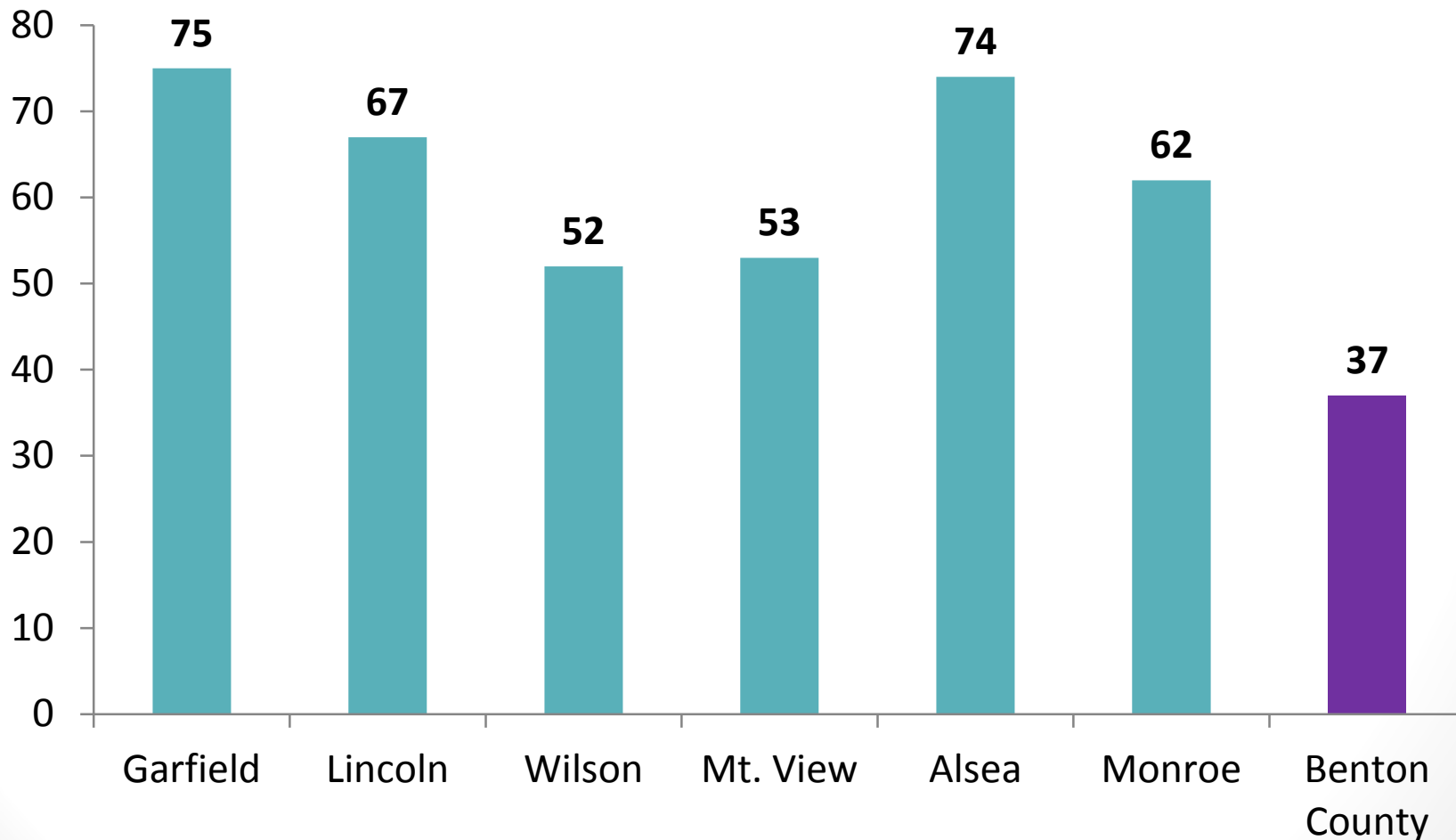


Not all households who experience food insecurity are low income....

- 51% of food insecure children in Benton Co. live in households with incomes above 185% of poverty.....
- 36% in Linn Co.
- 28% in Lincoln Co.

Free & Reduced Lunch Eligibility

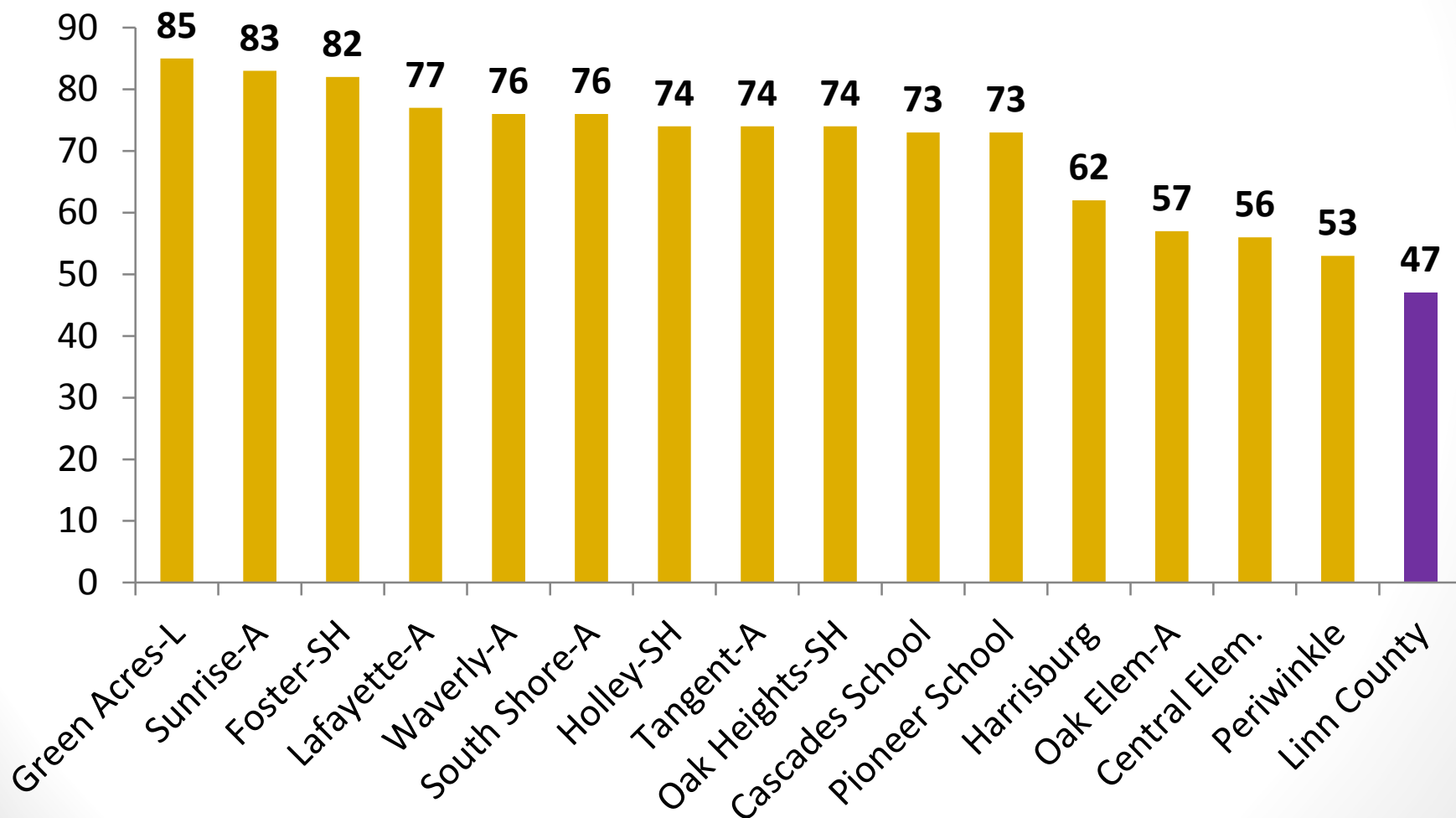
Benton County, 2012-2013



Source: Oregon Department of Education

Free & Reduced Lunch Eligibility

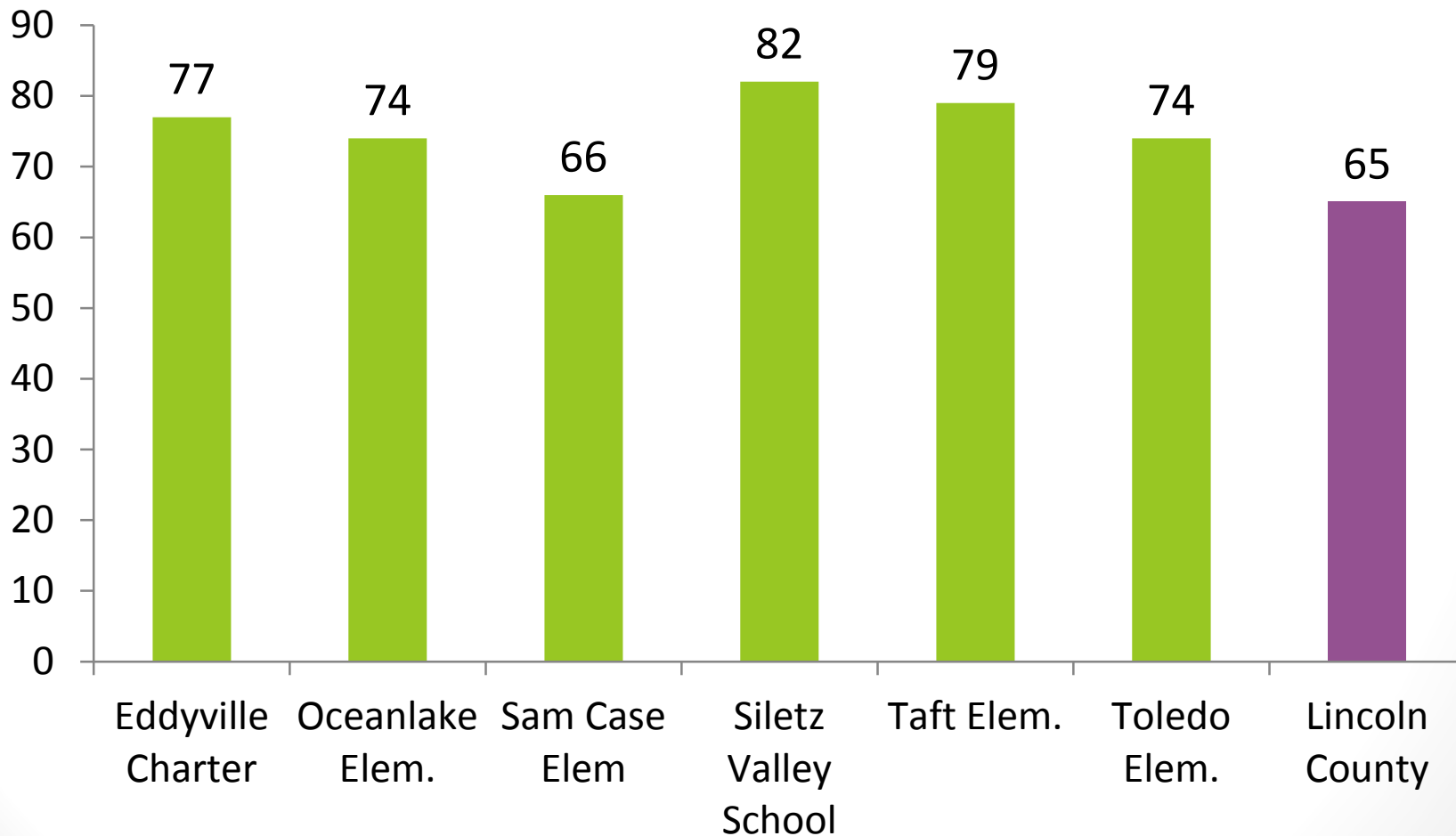
Linn County, 2012-2013



Source: Oregon Department of Education

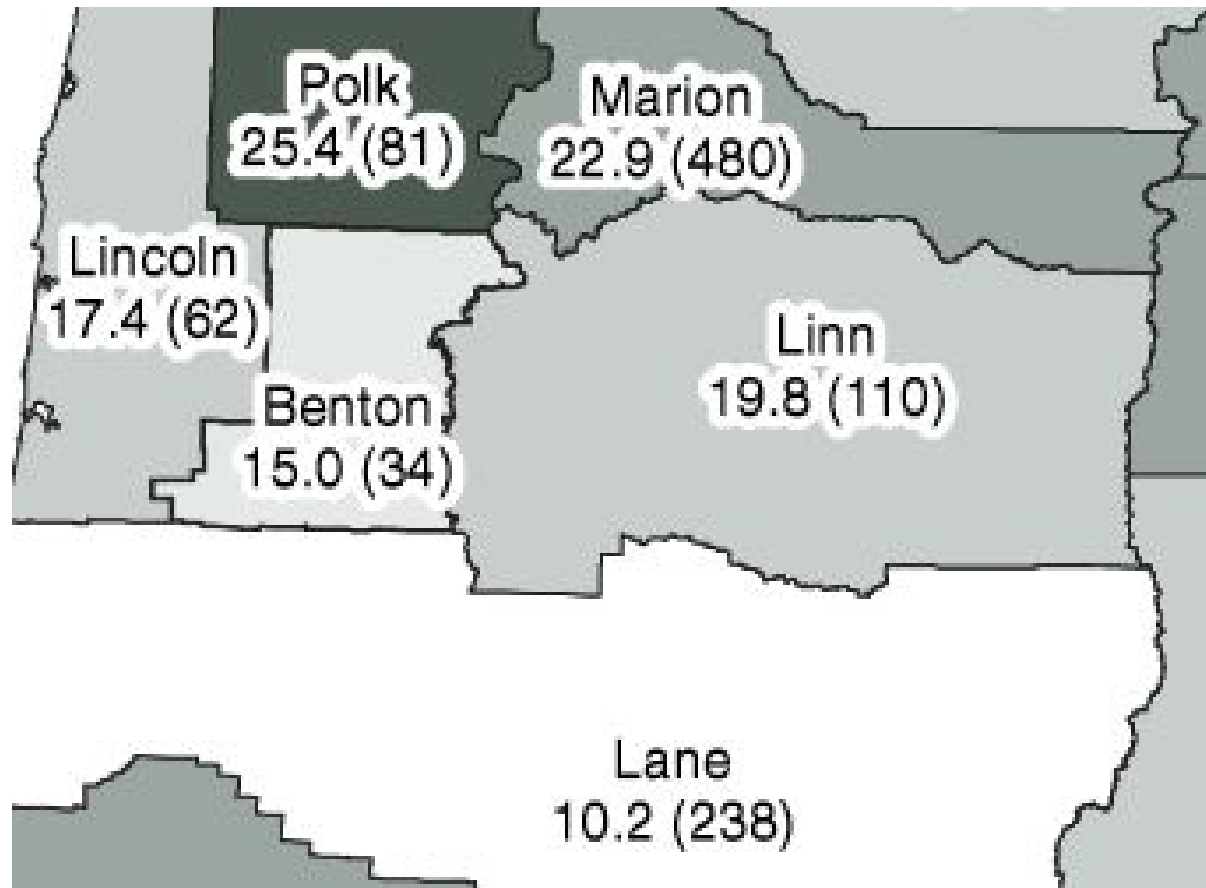
Free & Reduced Lunch Eligibility

Lincoln County, 2012-2013



Pediatric Asthma, Emergency Department Visit Rate, ages 0-4

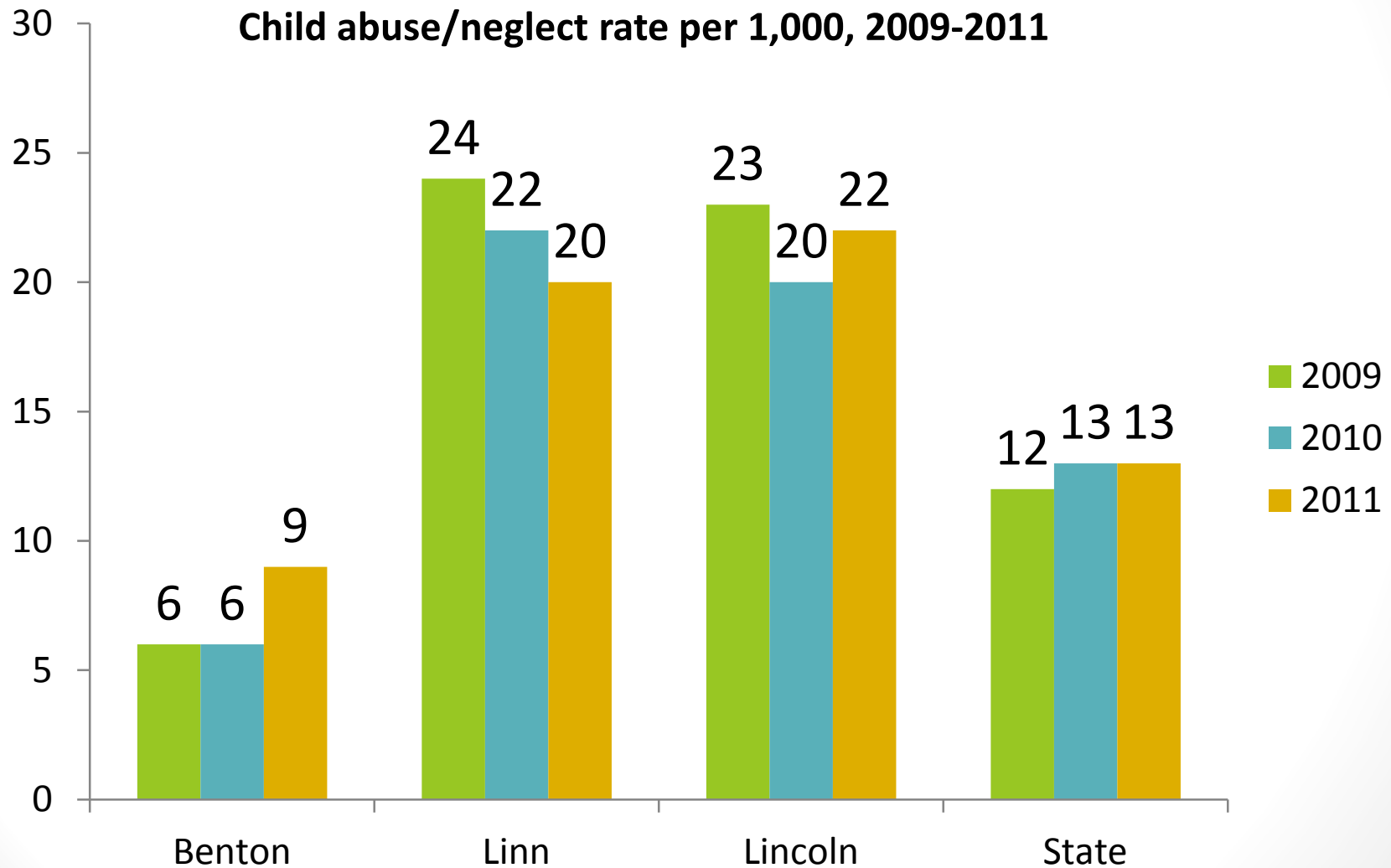
Emergency Department Visits per 100 children with asthma per year



Asthma Triggers

- Tobacco smoke and other smoke
- Animals with fur or feathers
- Dust mites and cockroaches
- Mold or mildew
- Pollen from trees, flowers, and plants
- Being physically active
- Air pollution
- Breathing cold air
- Strong smells and sprays
- Illnesses, such as influenza and colds

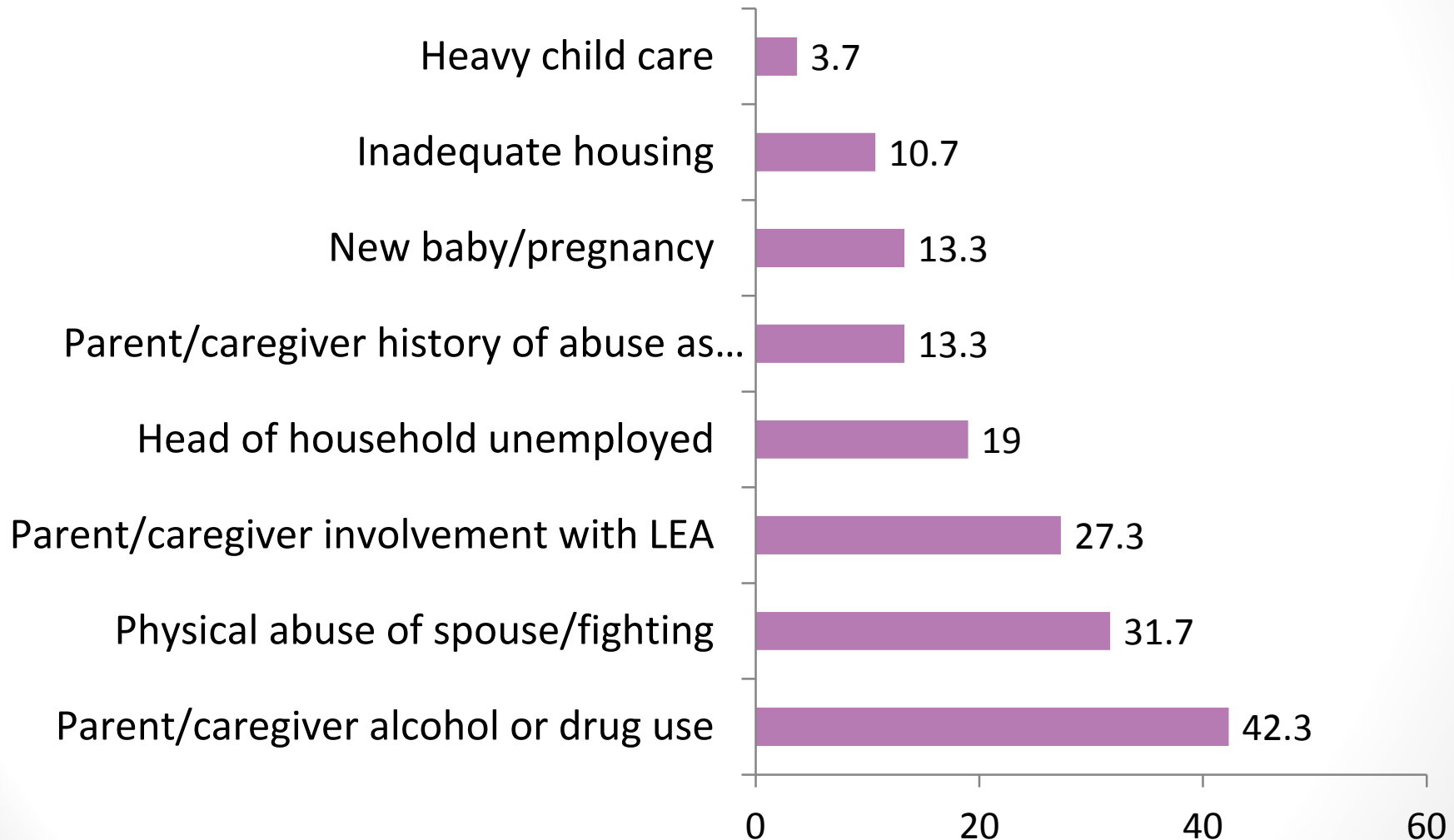
Child Abuse Rate, by County



Source: Oregon Department of Human Services: Children, Adults and Families Division 2010 Child Welfare Data Book, March 2011

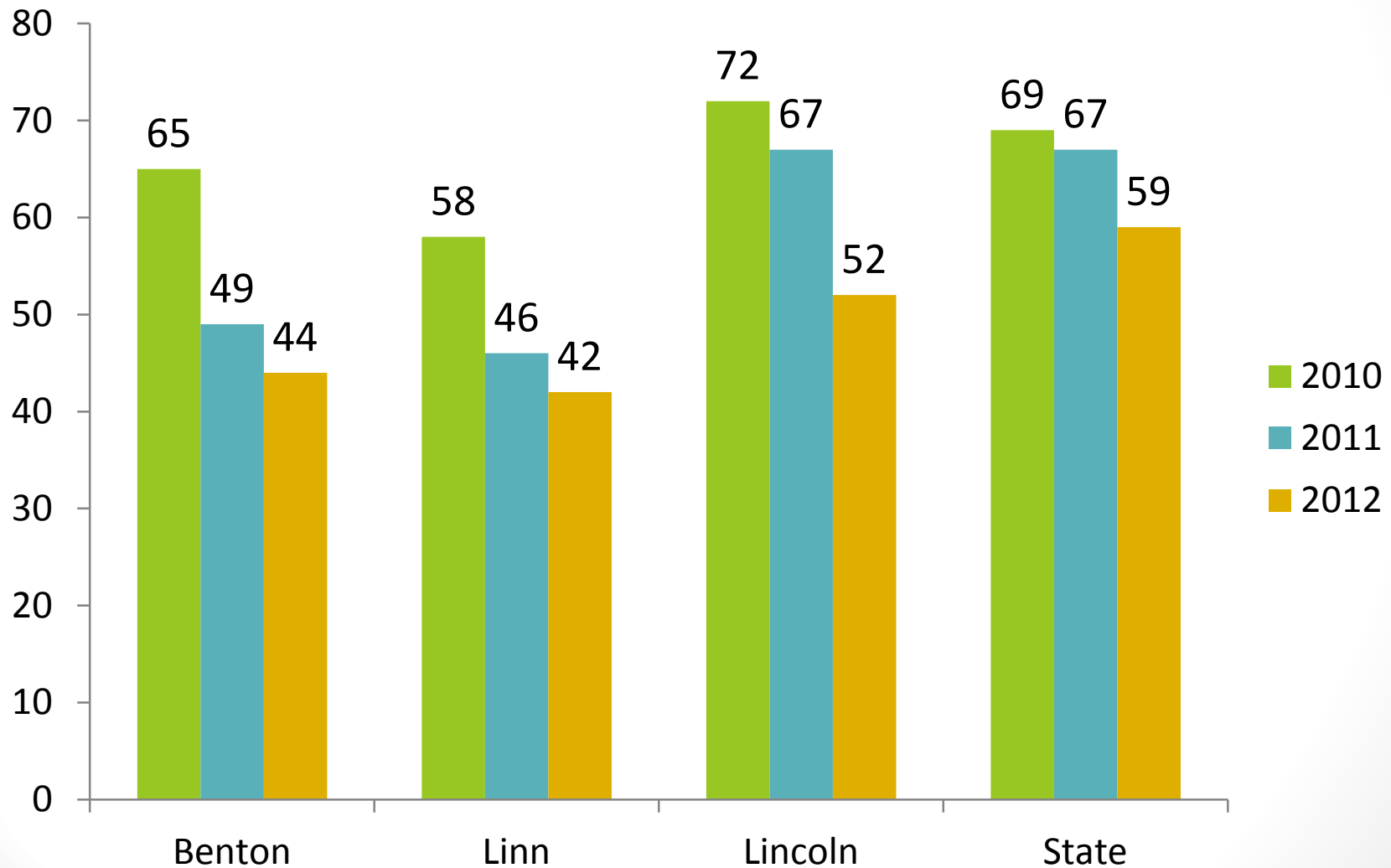
Child Abuse

Sources of family stress as a percent of founded abuse, Oregon, 2008-2010



Source: Oregon Department of Human Services: Children, Adults and Families Division 2010 Child Welfare Data Book, March 2011

Childhood Immunization Rates, by County



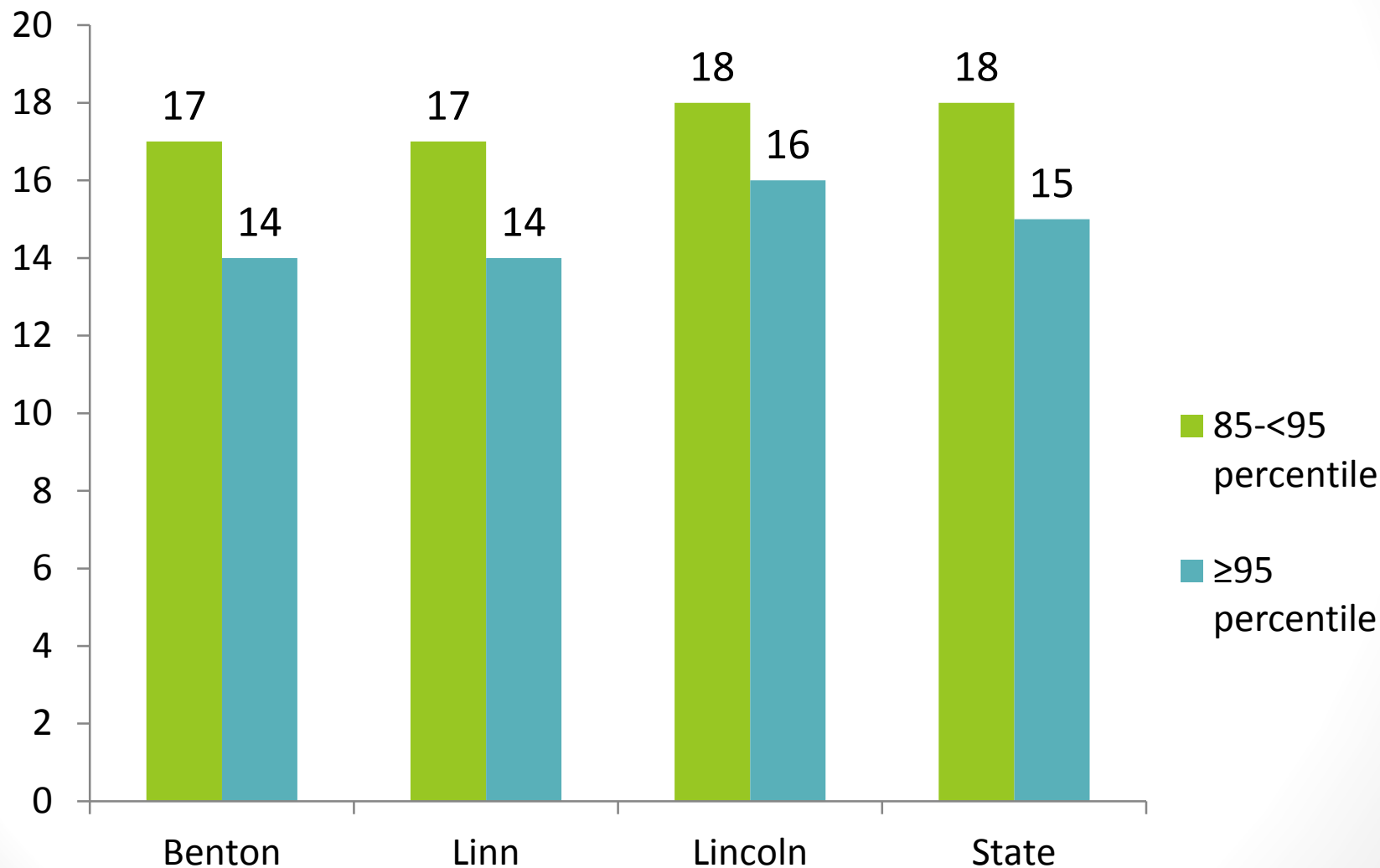
Source: Oregon Health Authority (2013) Oregon Child Immunization Rates, ALERT IIS data

Early Childhood Dental

Toddlers (2 year olds)	2006	2007
% of toddlers with a dental visit	17%	22%
% of toddlers who received fluoride drops or tablets	43%	40%
% of toddlers using a baby bottle	13%	12%
% of toddlers using a baby bottle filled with other than water	64%	73%

2-5 Years Overweight

2008-2010 Pediatric Nutrition Surveillance, WIC



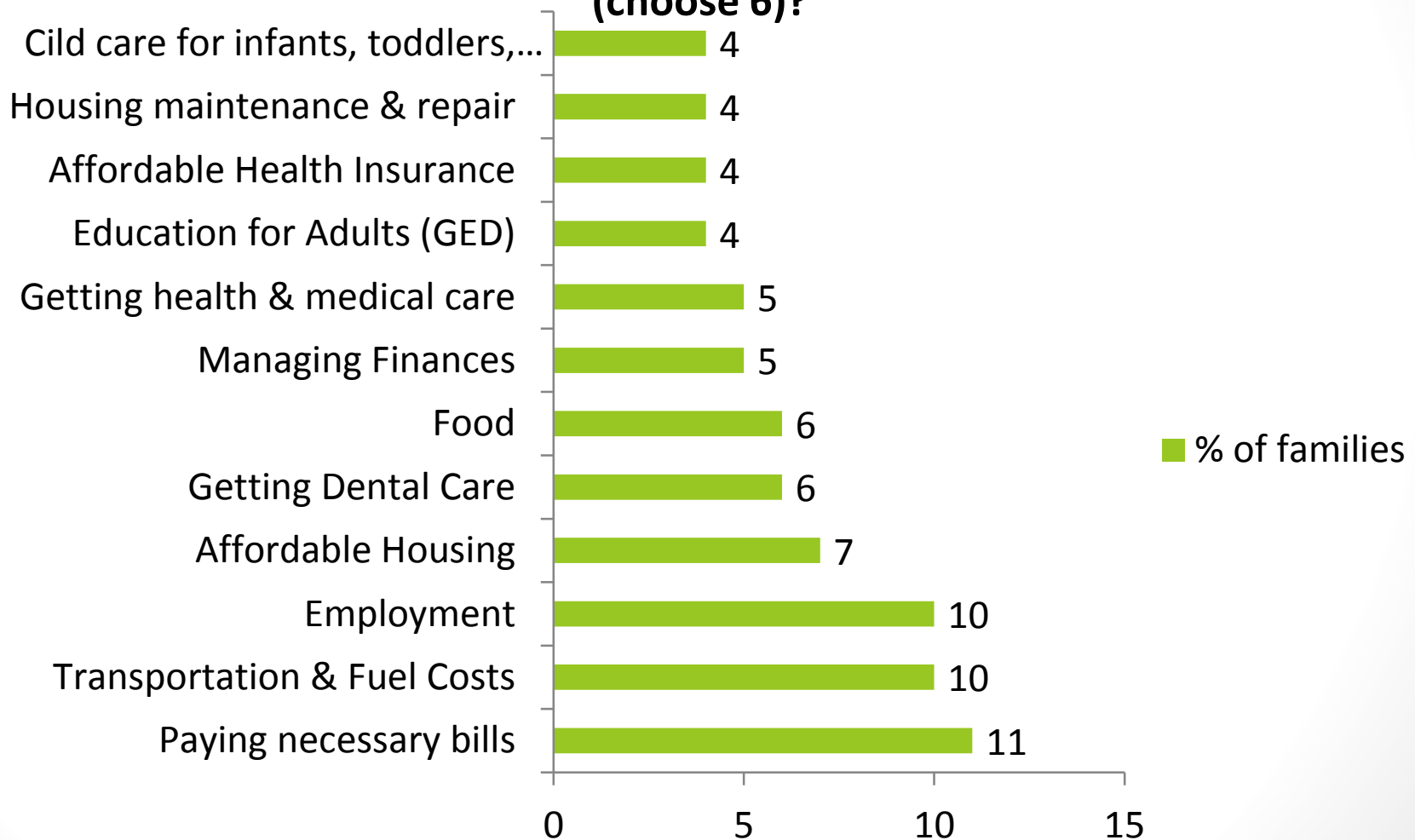
What are low-income families' concerns and needs?

LOW-INCOME FAMILIES

KidCo Head Start Family Survey, 2013

(n=187)

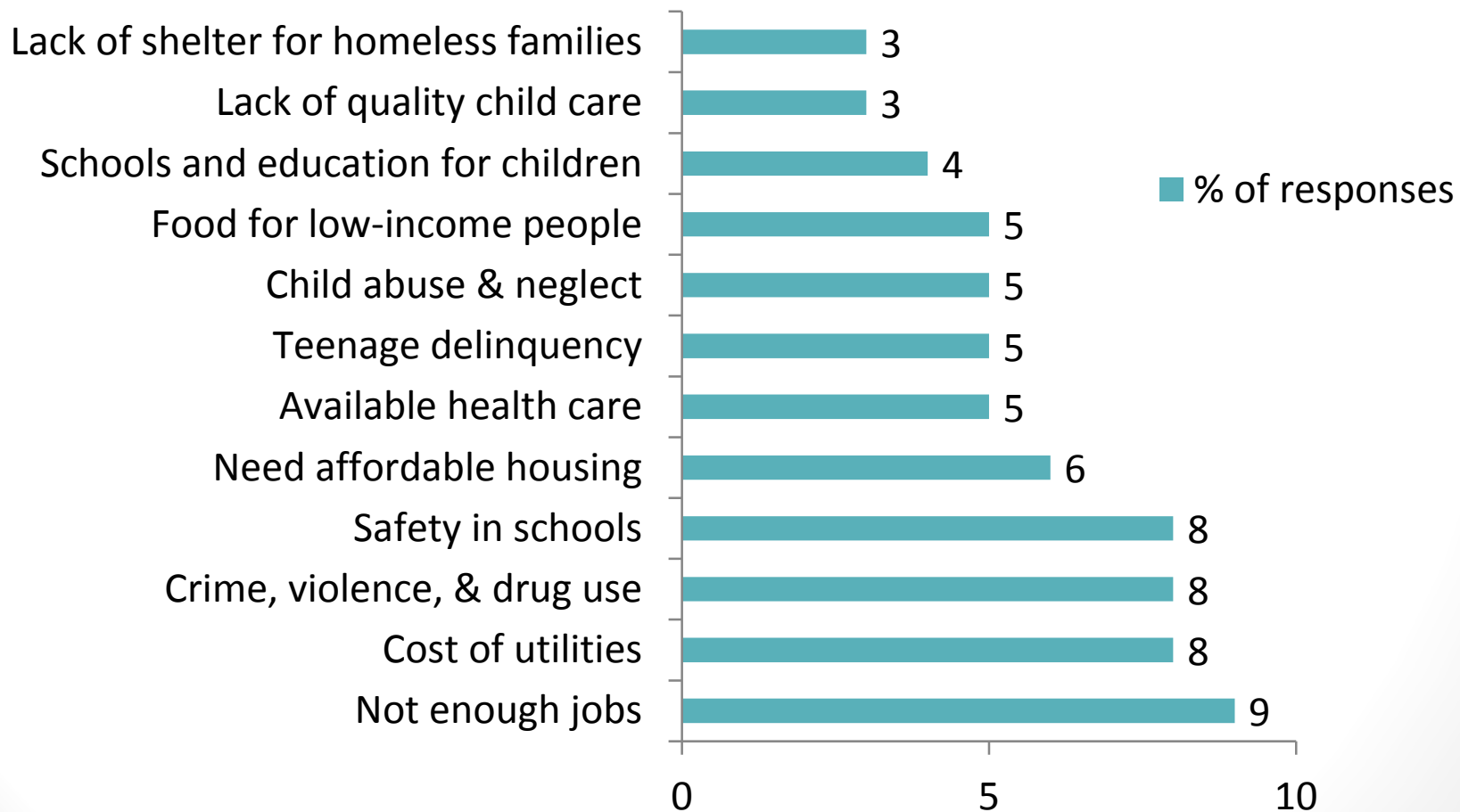
Which are the most pressing issues for your family
(choose 6)?



*The above concerns are the most often selected out of 27 possible issues

KidCo Head Start Family Survey, 2013 (n=187)

Which issues concern you most in your neighborhood or community? (choose 8)



*The above concerns are the most often selected out of 28 possible issues

Understanding the context in which Early Learning is produced

CREATING SUPPORTIVE ENVIRONMENTS

A cycle of opportunity or obstacles



Figure 1. A cycle of opportunity or obstacles. At every stage of our lives, social advantage—or disadvantage—is linked to health. Social and health advantage or disadvantage accumulates over time, creating favorable opportunities or daunting obstacles to health. Opportunities or obstacles play out across individuals' lifetimes and across generations. Intervening early in life can interrupt a vicious cycle, transforming it into a path to health for all children and leading to a healthy and productive adult workforce. Improving early childhood social circumstances is one of the most effective ways for a society to achieve its health potential.

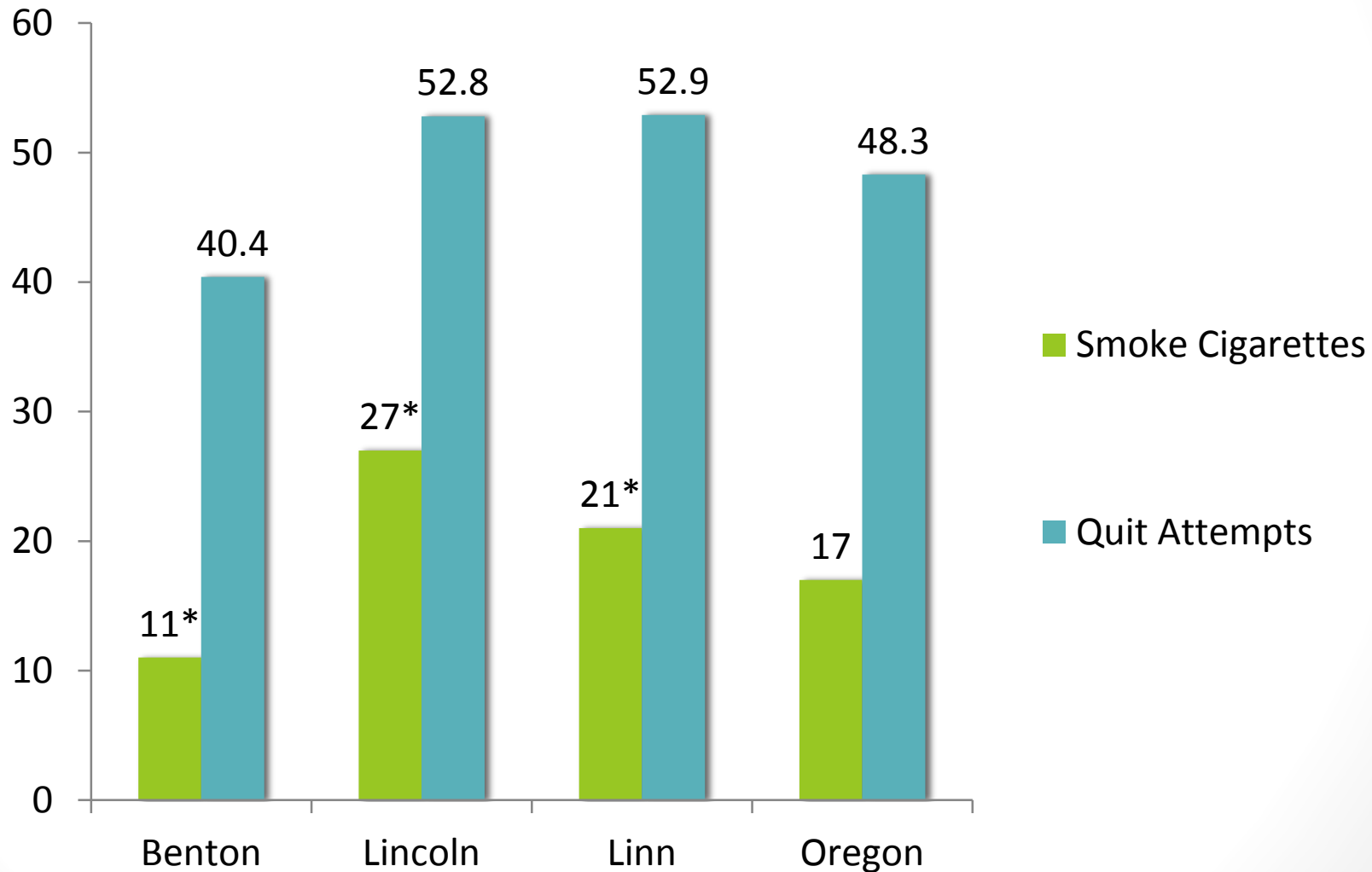


Depression among Mothers

Maternal depression rate disparities among women in Oregon: 2004-2008

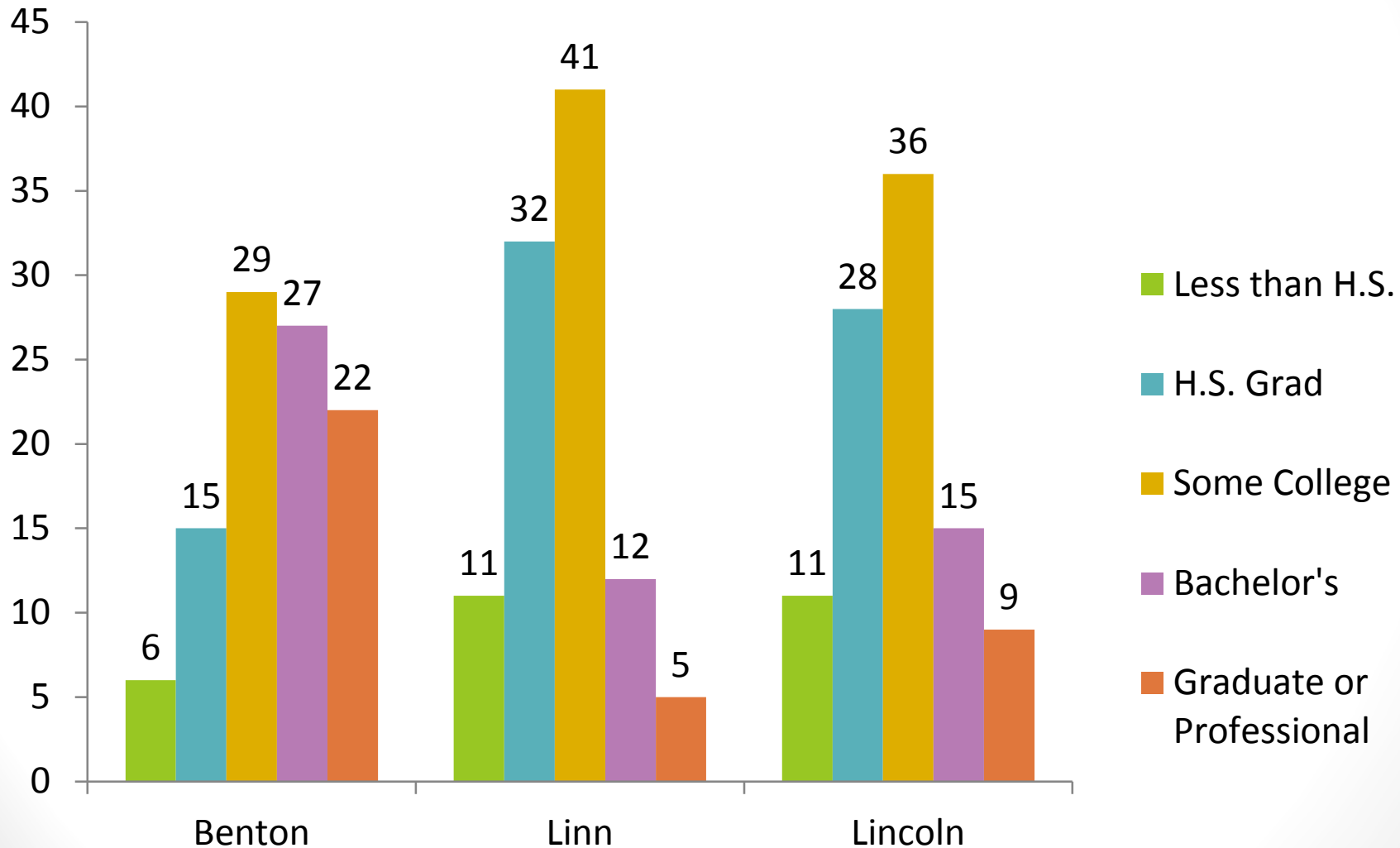
- Low income women
 - (36.2 percent vs. 16.7 percent among higher income mothers)
 - Current smokers
 - (33.5 percent vs. 21.7 percent among nonsmokers)
 - Women who experienced partner stress
 - (42 percent vs. 16.2 percent among women without partner stress)
 - Racial/ethnic minority mothers
 - (Hispanic 31.1 percent vs. White 20.8 percent)
 - Teen mothers
 - (36.3 percent vs. 16.9 percent among older mothers)
-
- Information at the County level is currently unavailable, however State information is helpful to understanding the scope of the issue.

Tobacco Use among Adults, age-adjusted by County, 2006-2009



Educational Attainment

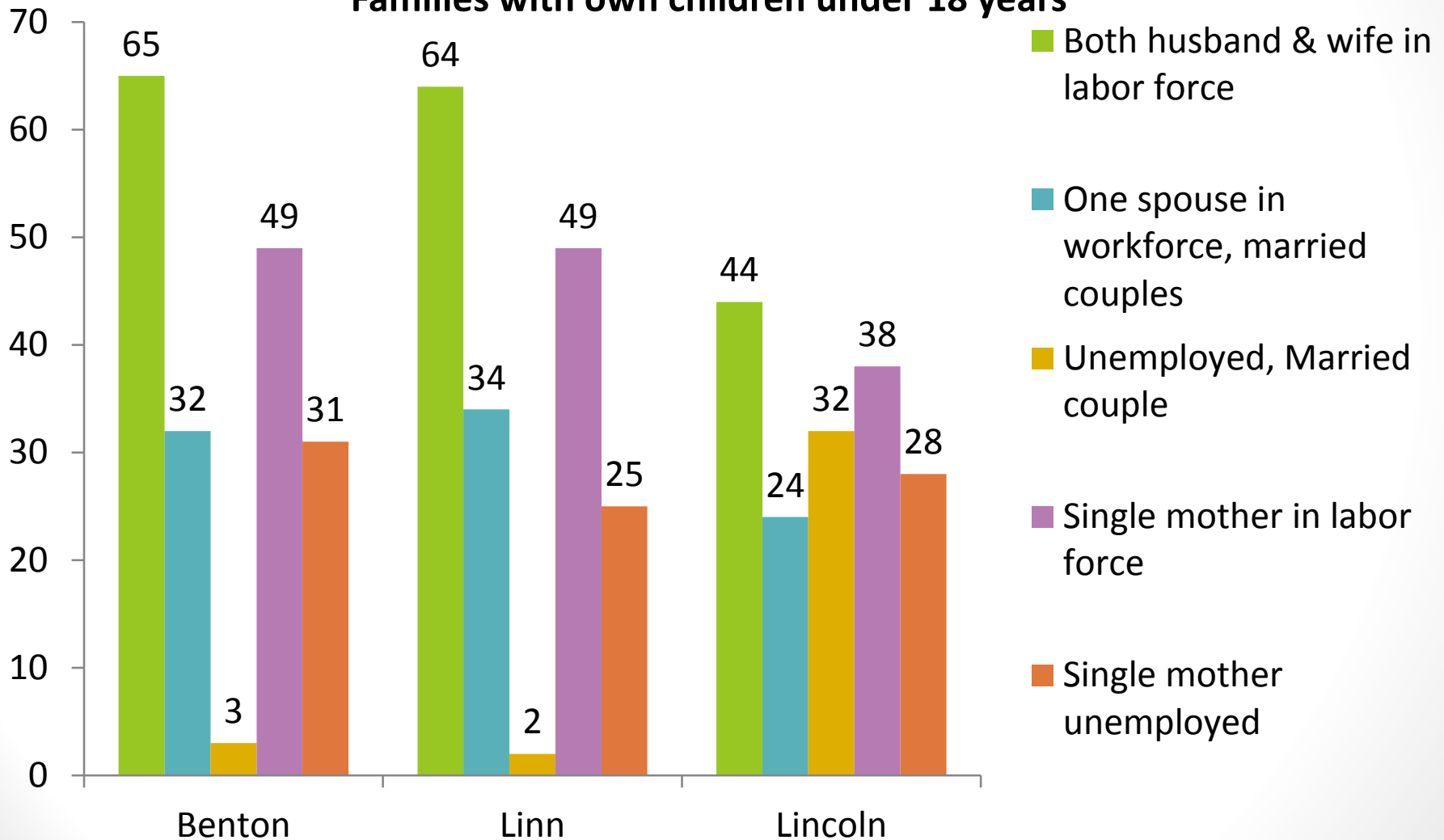
Educational Attainment for Adults ≥25 Years



Source: 2010-2012 American Community Survey 3 Year Estimates

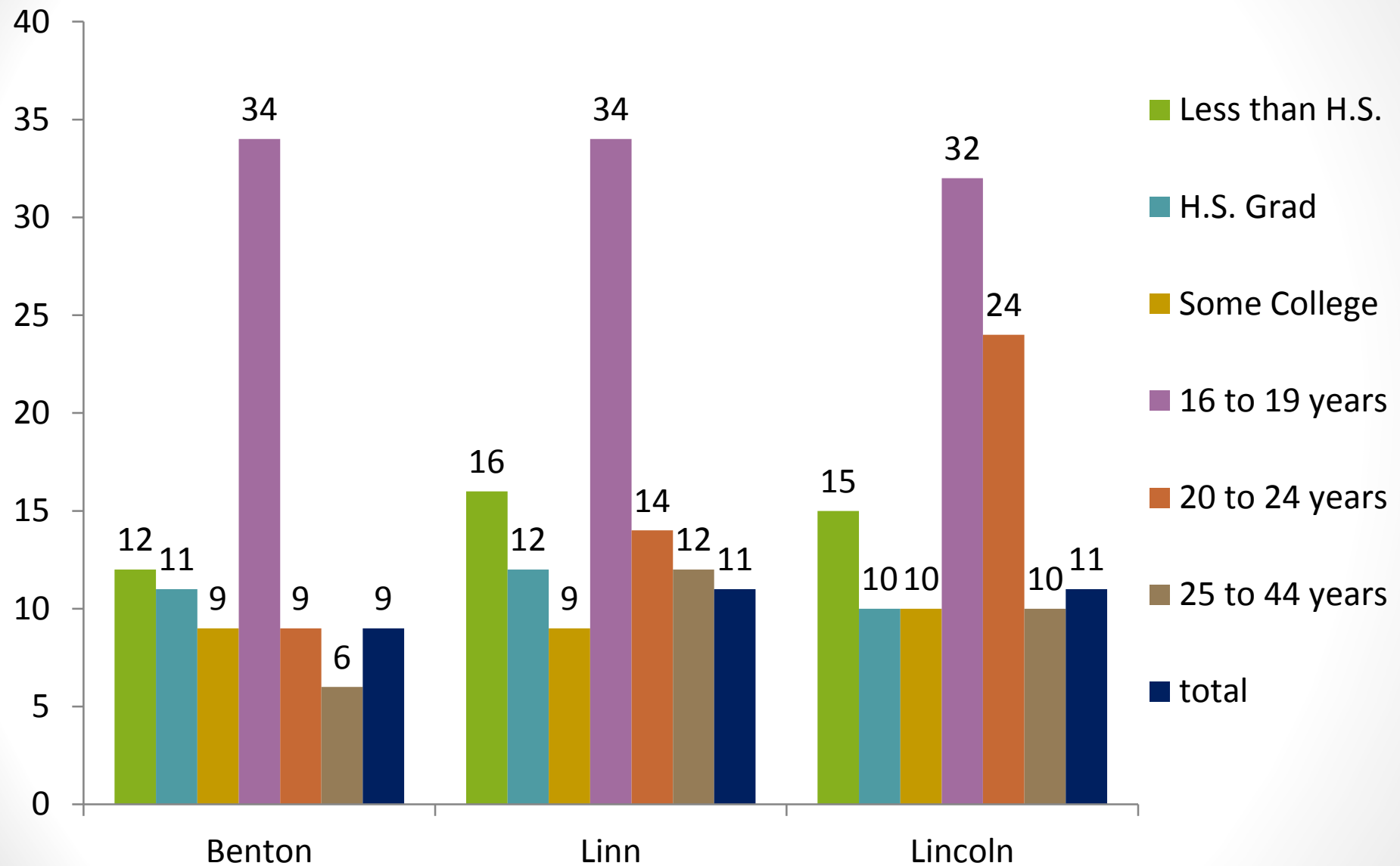
Employment Characteristics of Families

Families with own children under 18 years



Source: American Community Survey (2012) Employment Characteristics of Families 2010-2012 3 year estimates

Unemployment Rate

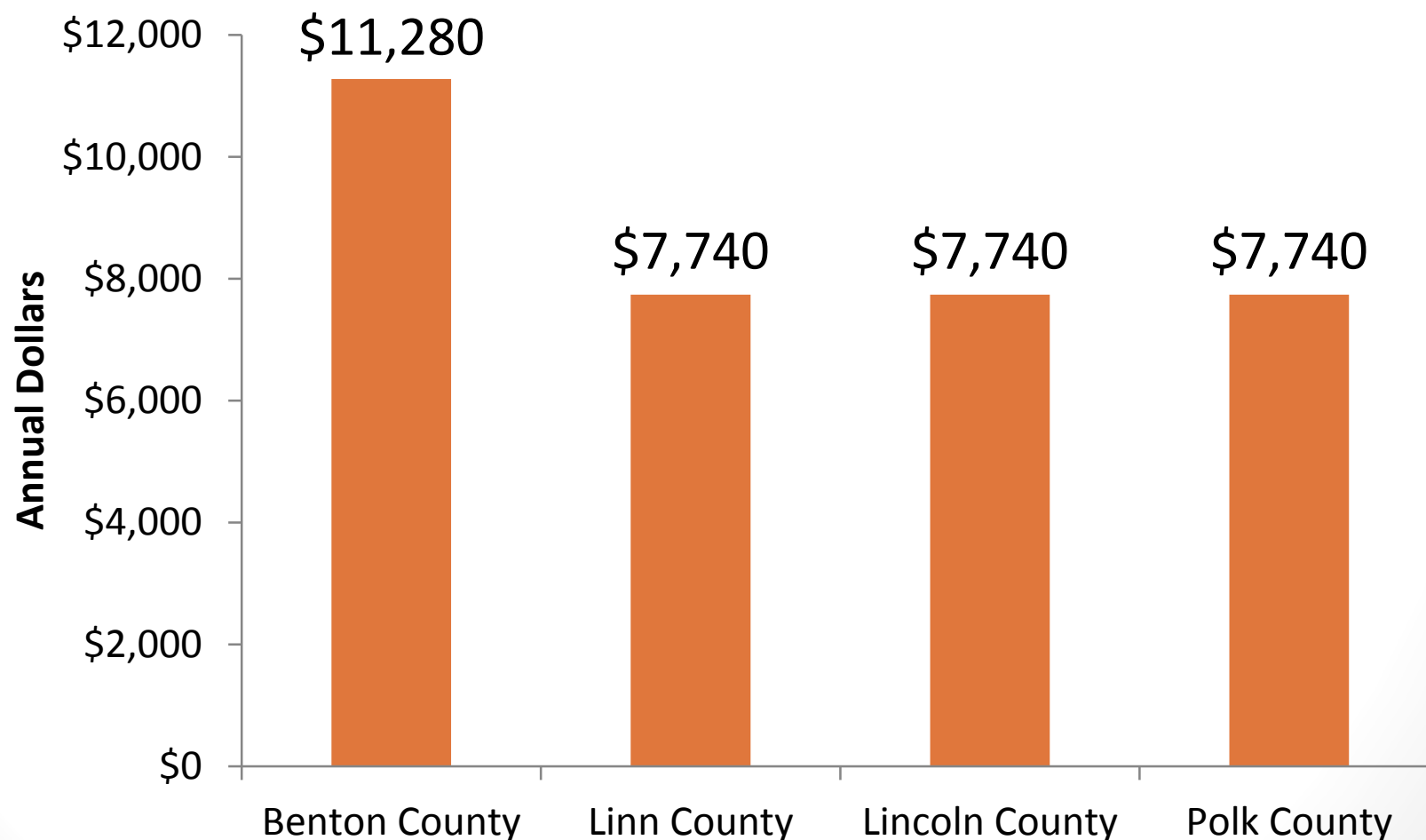


Source: ACS 2010-2012 Employment Status 3 YR estimate

* State Average Unemployment Rate during time period is 12%

Childcare costs

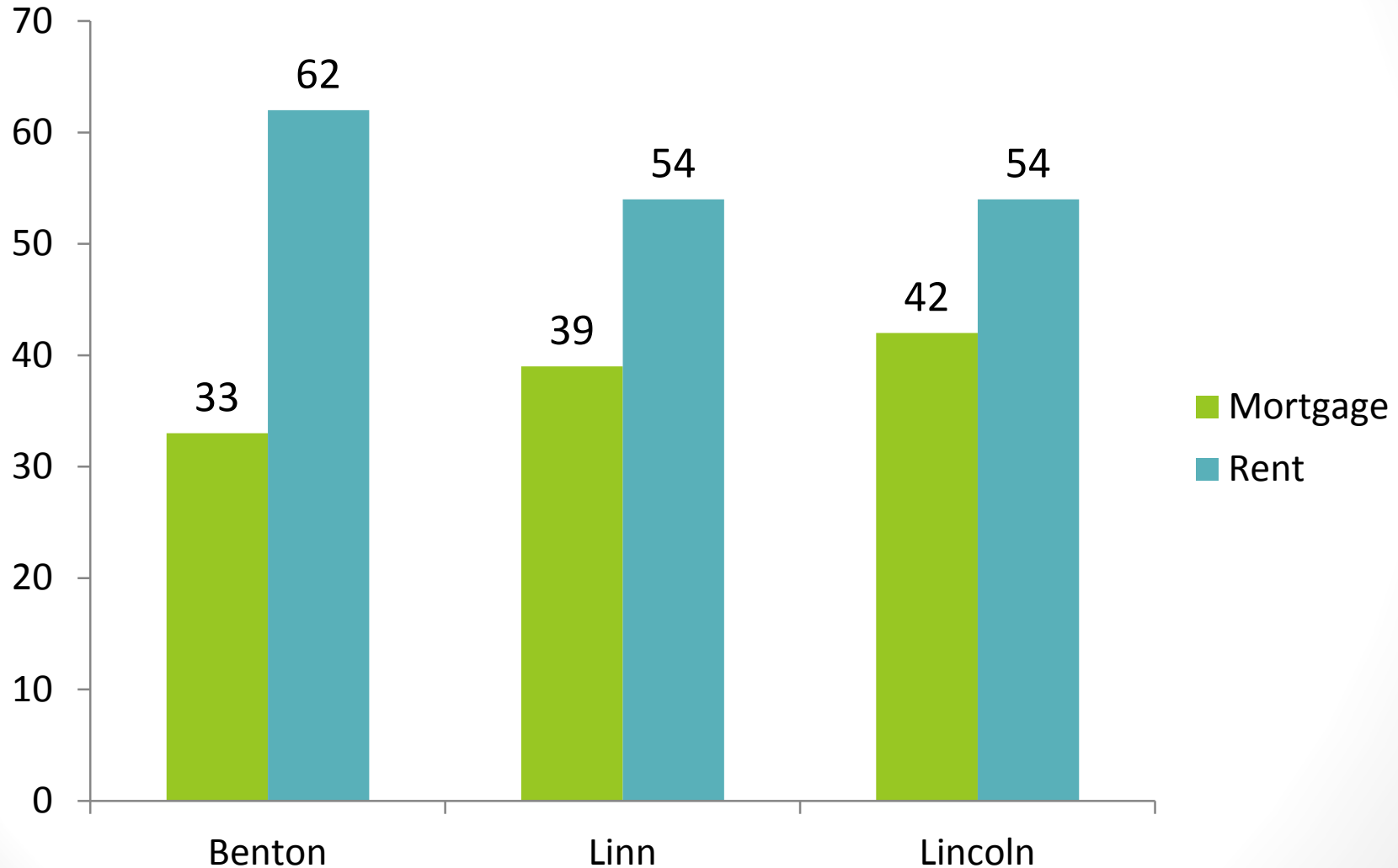
County-level annual cost of childcare for a child age 0-5, 2011



Source: Children First for Oregon, State of Oregon's Children, 2012

Housing

Occupants with housing cost burden (>30 percent of income) 2010-2012



Source: U.S. Census Bureau, 2010-2012 3 YR Estimate American Community Survey

Homelessness, Benton County, K-12, 2012-2013

School District	Number of Homeless Students	Total District Enrollment	Percent of Homeless to Total Enrollment
Alsea SD 7J	0	145	0
Corvallis SD 509J	210	6422	3.3
Monroe SD 1J	48	448	10.7
Philomath SD 17J	46	1637	2.8
Benton Total	304	8652	3.5 (2.6 in 2011)

Homelessness, Linn County, K-12, 2012-2013

School District	Number of Homeless Students	Total District Enrollment	Percent of Homeless to Total Enrollment
Central Linn 552	61	671	9.1
Greater Albany 8J	306	9161	3.3
Harrisburg 7J	41	879	4.7
Lebanon Community 9	193	4447	4.3
Santiam Canyon 129J	12	535	2.2
Scio 95	30	4000	0.8
Sweet Home 55	220	2347	9.4
Linn Total	863	22,040	3.9

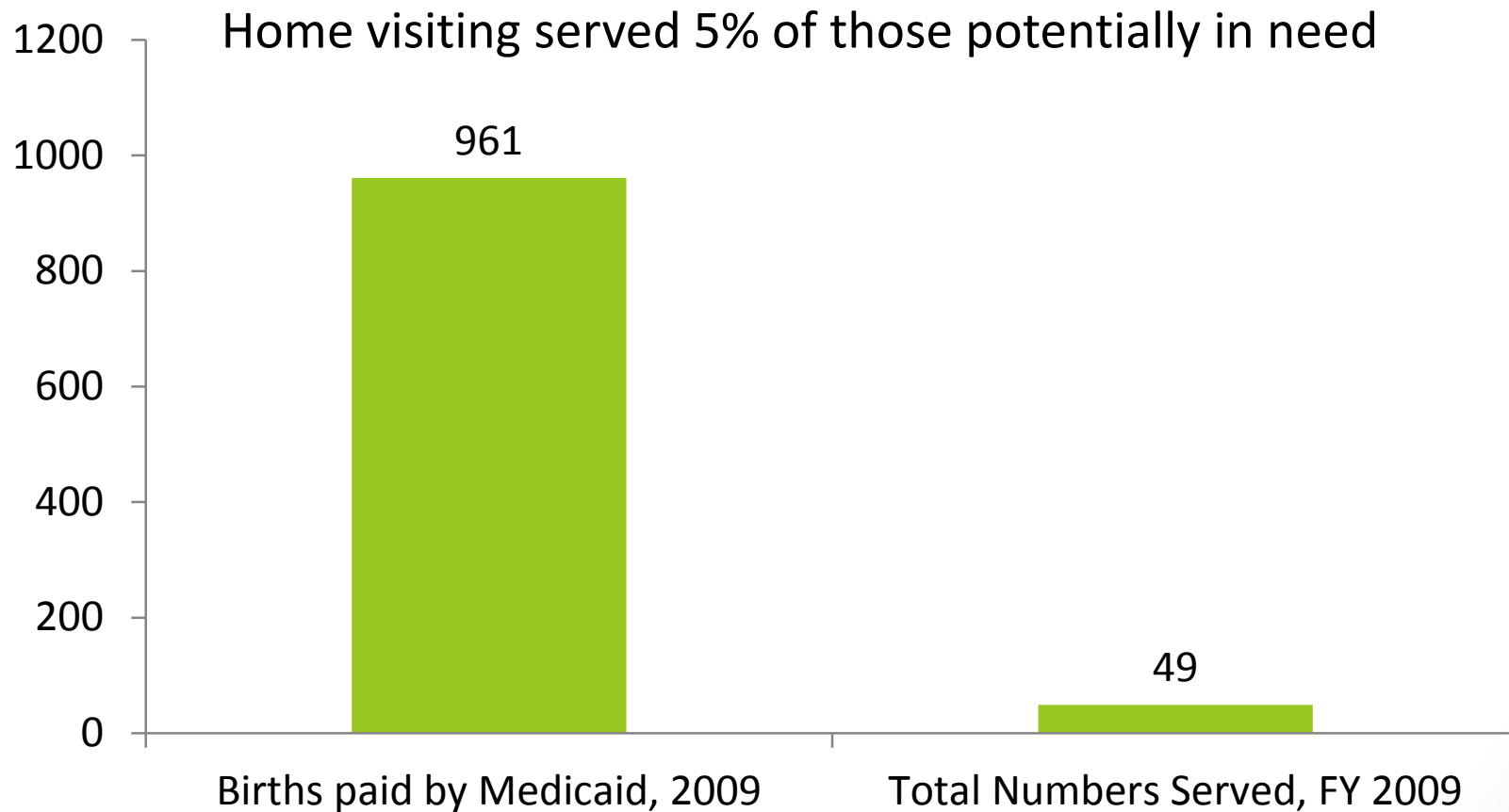
Source: Oregon Department of Education, 2011

Homelessness, Lincoln County School District, K-12, 2012-2013

School District	Number of Homeless Students, K-12	Total District Enrollment	Percent of Homeless to Total Enrollment
Lincoln County SD	535	5,259	10.2%

Home visiting needs in Linn & Benton Counties

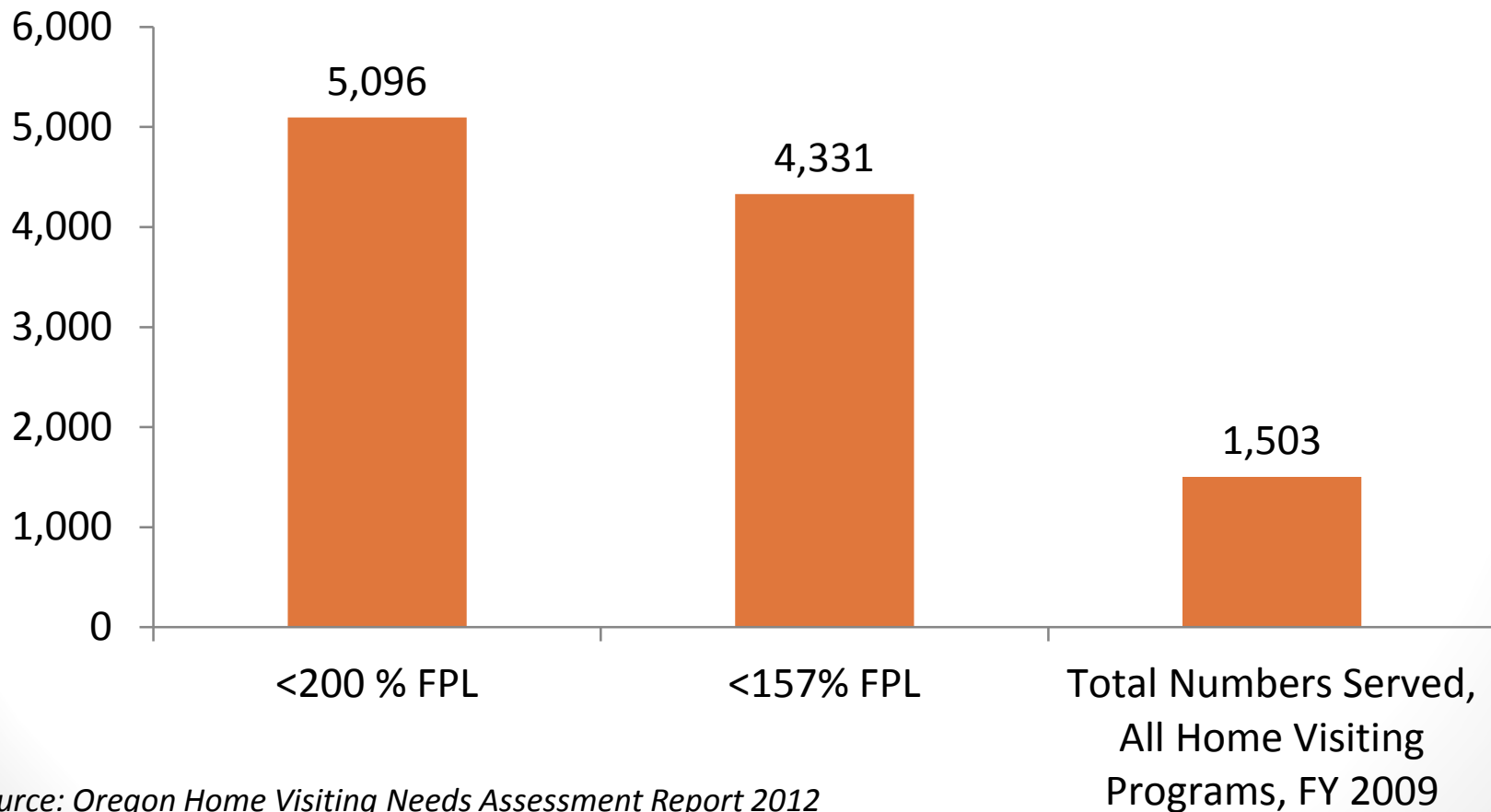
Pregnant Women



Home visiting needs in Linn & Benton Counties

Children: Birth through age 4

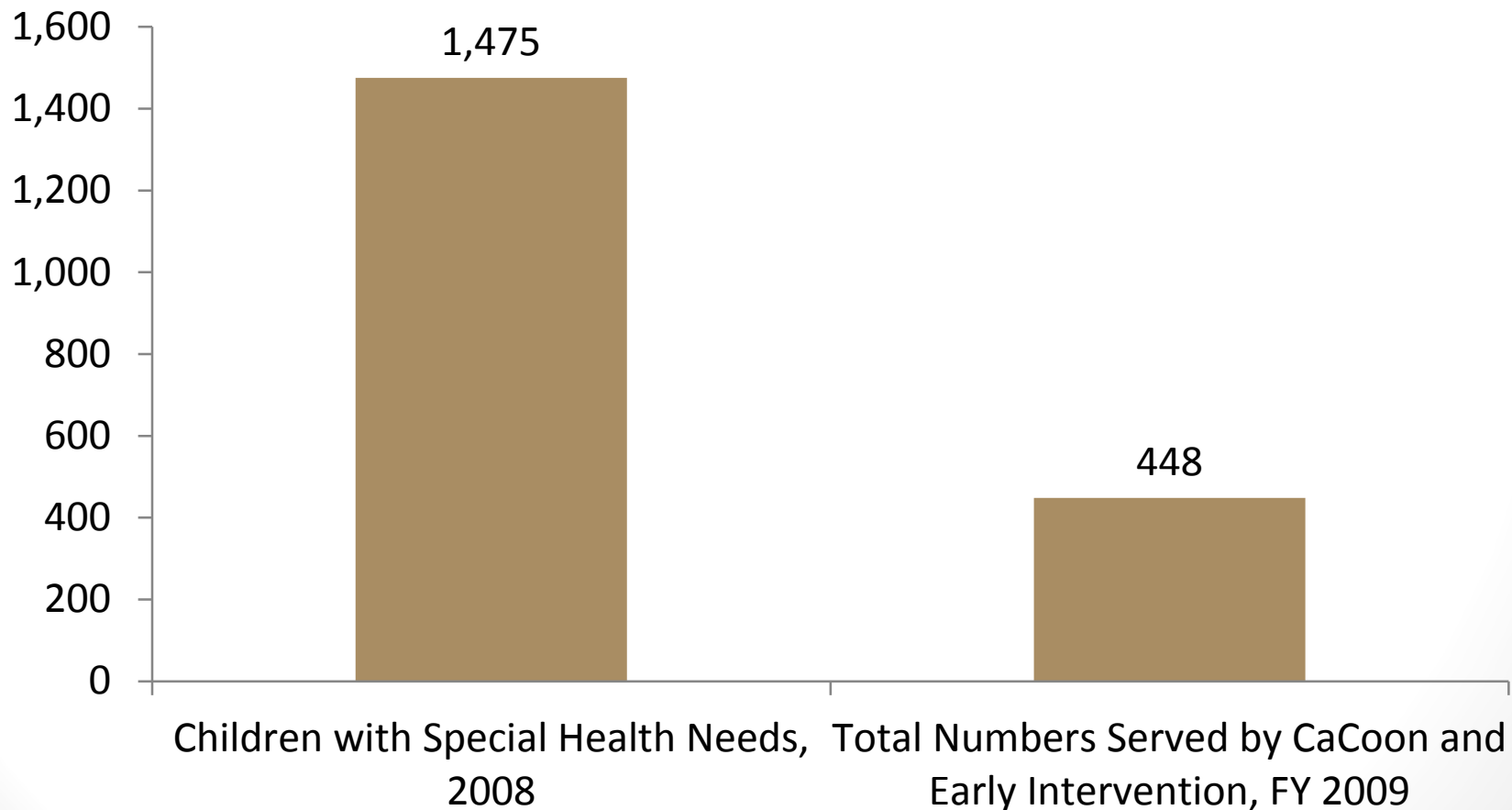
Home visiting served 29-35% of those potentially in need



Source: Oregon Home Visiting Needs Assessment Report 2012

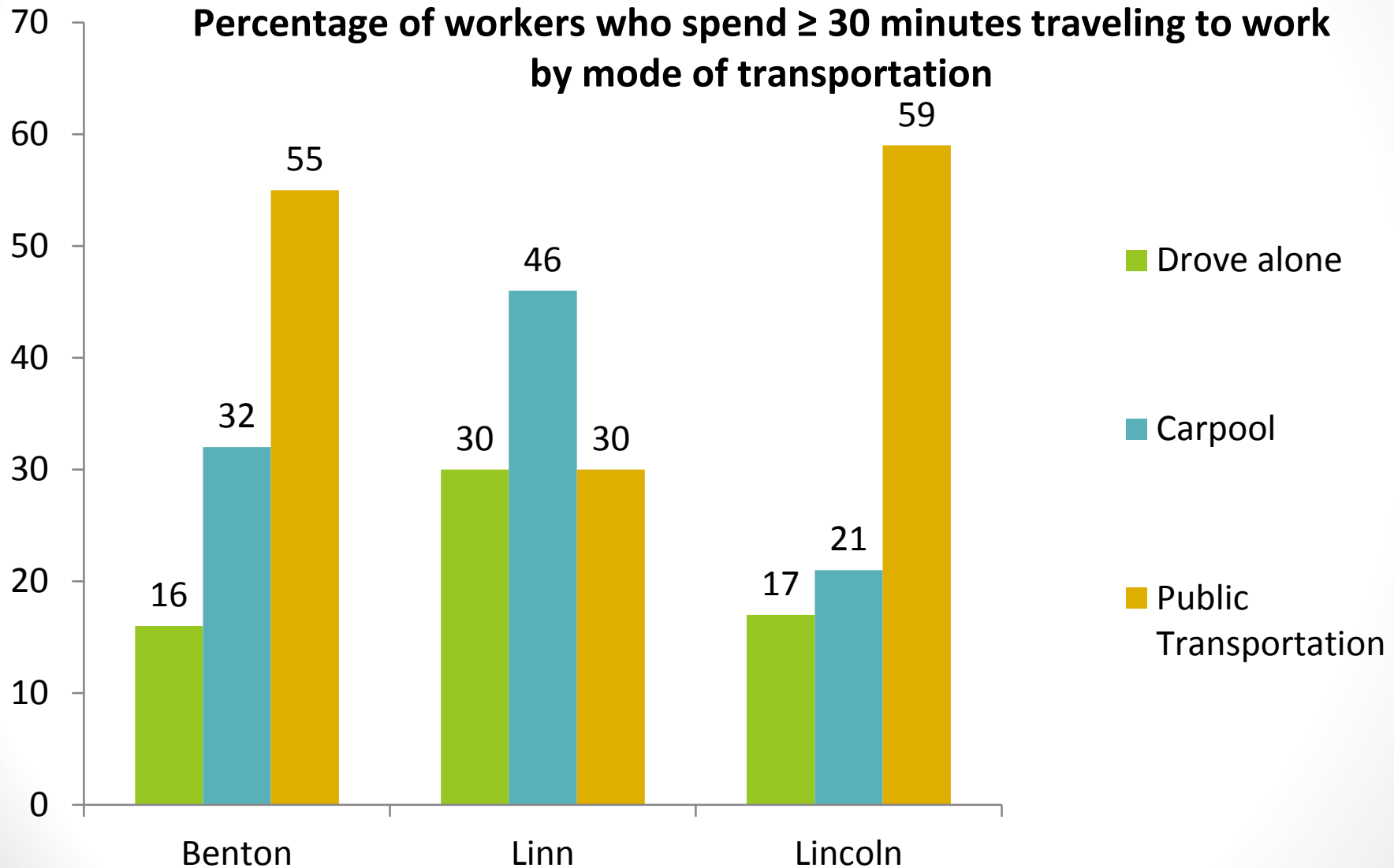
Home Visiting Needs in Linn & Benton Counties

Children with Special Health Needs: Birth through Age 4
Home visiting served 30% of those potentially in need.



Travel time to work, by County

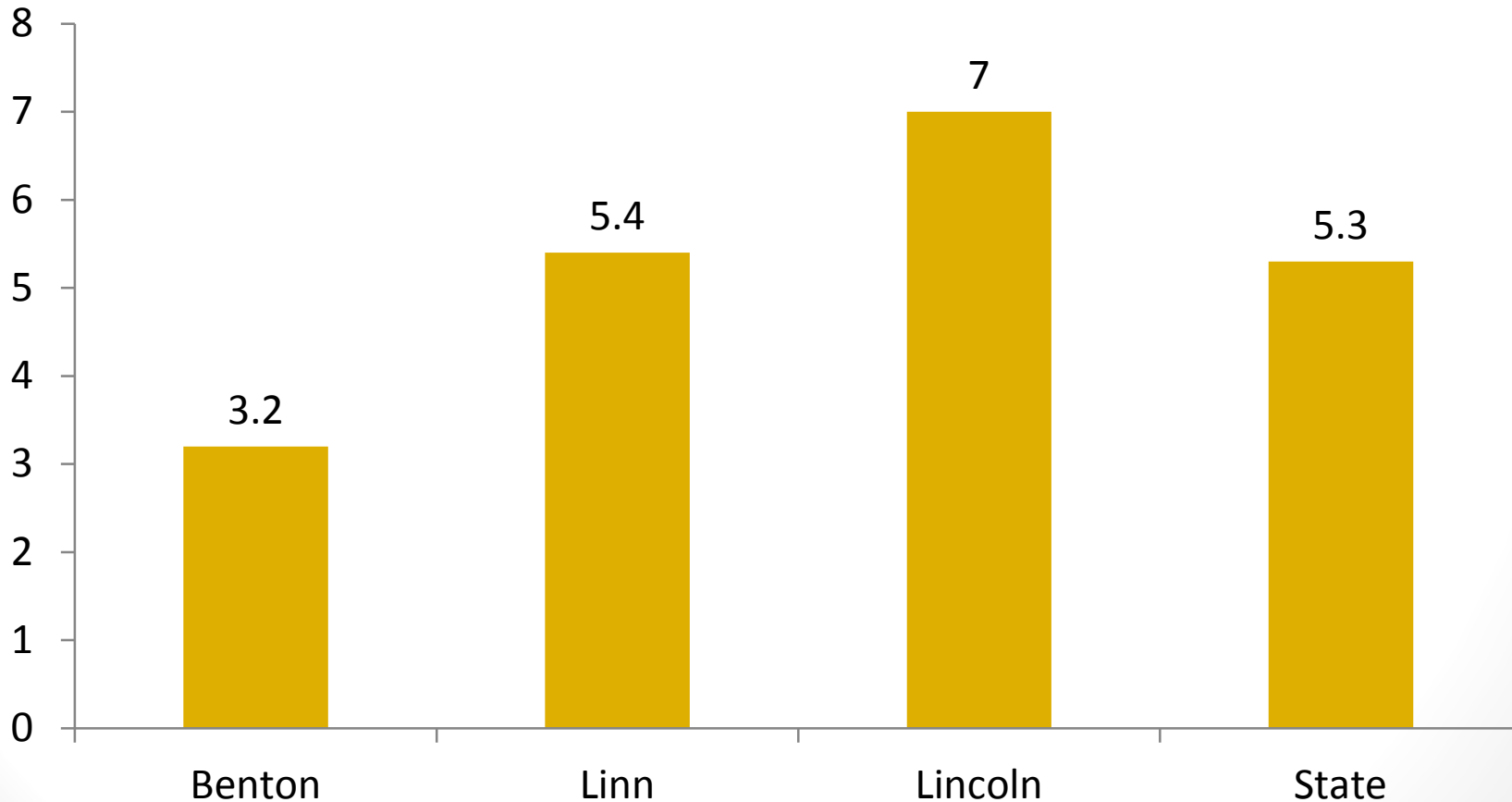
Percentage of workers who spend ≥ 30 minutes traveling to work by mode of transportation



Source: American Community Survey 2010-2012 Means of Transportation to Work 3-Year Estimates

Teen Pregnancy

Rate of teen pregnancy per 1,000 females ages 10-17 years, 2013



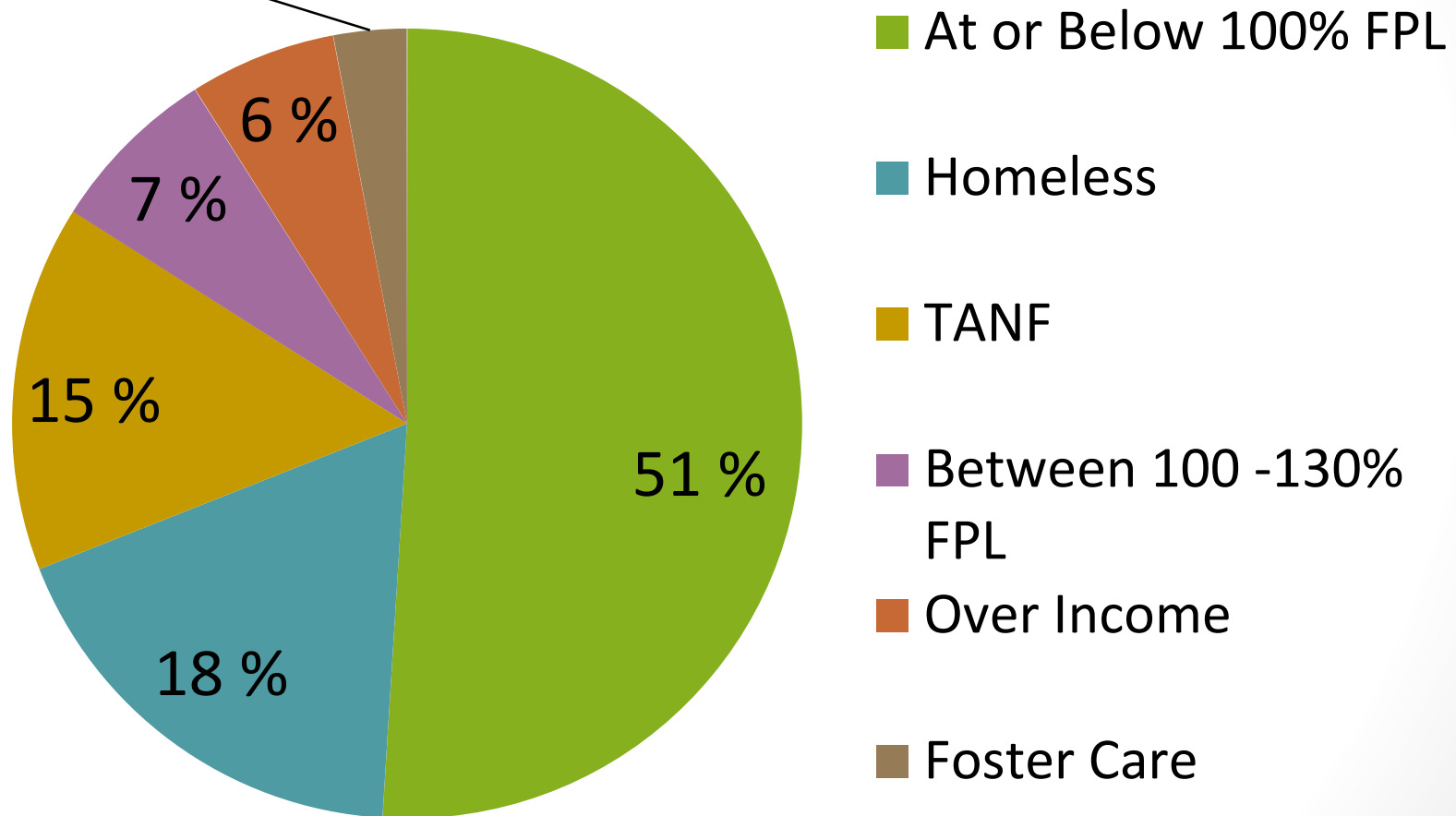
Who is participating in area programs supporting young children?

AREA PROGRAM INFORMATION

* The following information does not include ALL programs serving young children and families

KidCo Head Start of Linn County

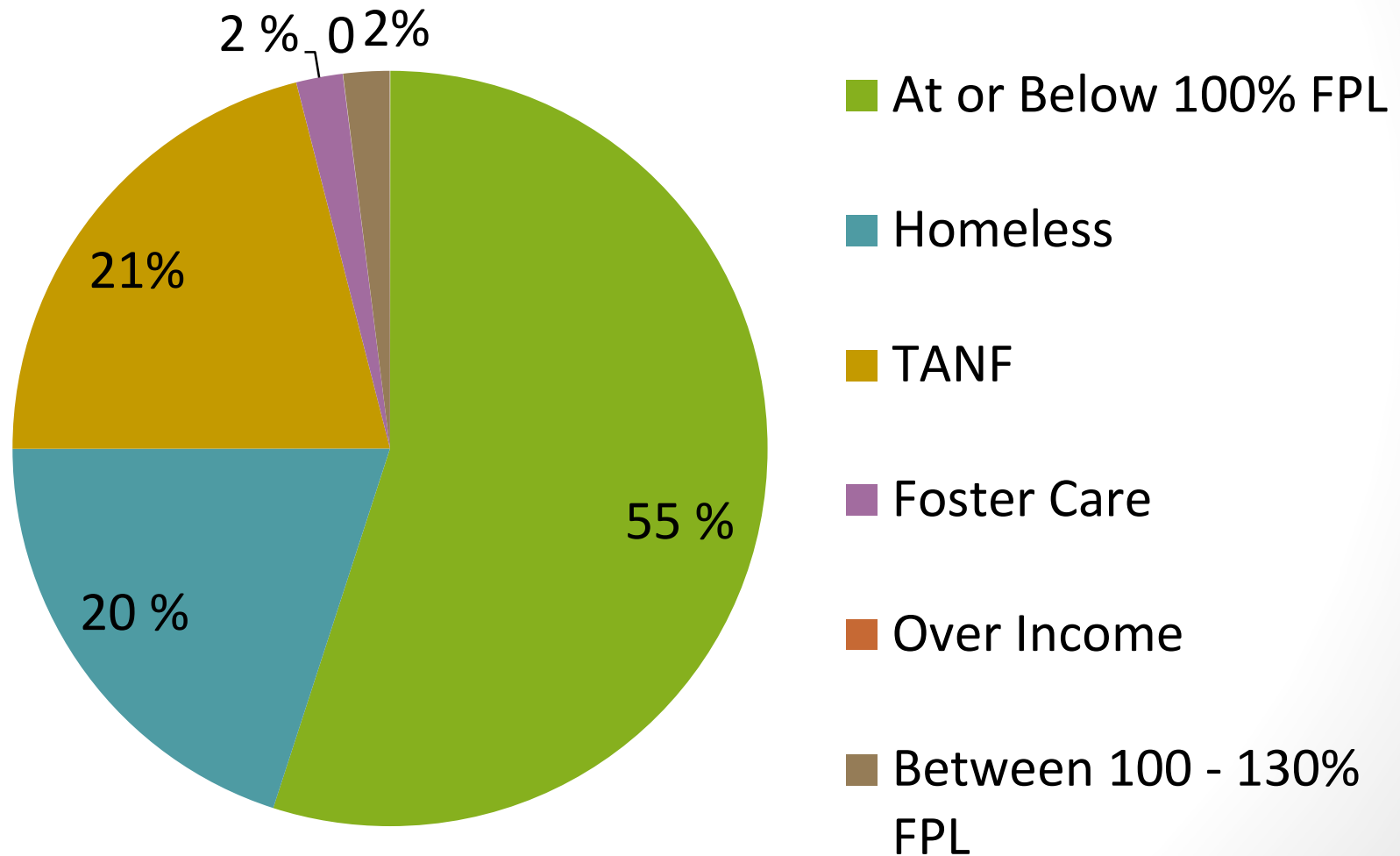
3 % Primary Type of Eligibility for Head Start- Fall 2011



2011 federal definition of poverty: family of 3 = \$18, 530; family of 4 = \$22,350

KidCo Early Head Start of Linn County

Primary Type of Eligibility for Early Head Start- Fall 2011



KidCo Services and Demographics, 2011

	Head Start		Early Head Start	
	Number	Percent	Number	Percent
Funded Enrollment	466		52	
Total Children Enrolled During Year	518		96	
Total # of Families Served	496		74	
Average Monthly Enrollment		100%		99.4%
Language Spoken by Children				
English	422	81%	83	86%
Spanish	96	19%	9	9%
Unspecified	0		4	4%
Ethnic Composition				
Hispanic	159	31%	16	17%
Non-Hispanic	359	69%	80	83%
Children with Disabilities	58	11.2%	7	7%
Of Those, Children Identified Prior to Enrollment	7	12%	6	86%
Of Those, Children Identified After Enrollment	51	88%	1	14%
Children w/Up-To-Date Immunizations (end of enrollment)	512	99%	77	80%
Children with Health Insurance (by end of enrollment)	507	98%	84	88%
Children Receiving Medical Exams	489	94%	78	81%
Children Receiving Dental Exams	489	94%	53	55%
Children Needing Dental Treatment	127	25%	N/A	N/A
Of Those, Children Receiving Dental Treatment	103	81%	N/A	N/A

Healthy Start Program

Program Goals:

- Encourage positive parent-child interaction/activities
- Improve the support system to nurture families and children from birth to age 5
- Promote healthy growth and development for children
- Foster parent satisfaction with services
- Reduce parent stress

Eligibility and Number of Families Served (July 2012-June 2014)

- First Time Parents with need*
 - Lincoln n=58
 - Benton n=28
 - Linn n= 40

Additional Comments?

Megan Patton-Lopez, Epidemiologist

Benton County Health Services

Megan.patton-lopez@co.benton.or.us

541-766-6364