



The Rural Health Information Survey: Selected Findings for Trinity County

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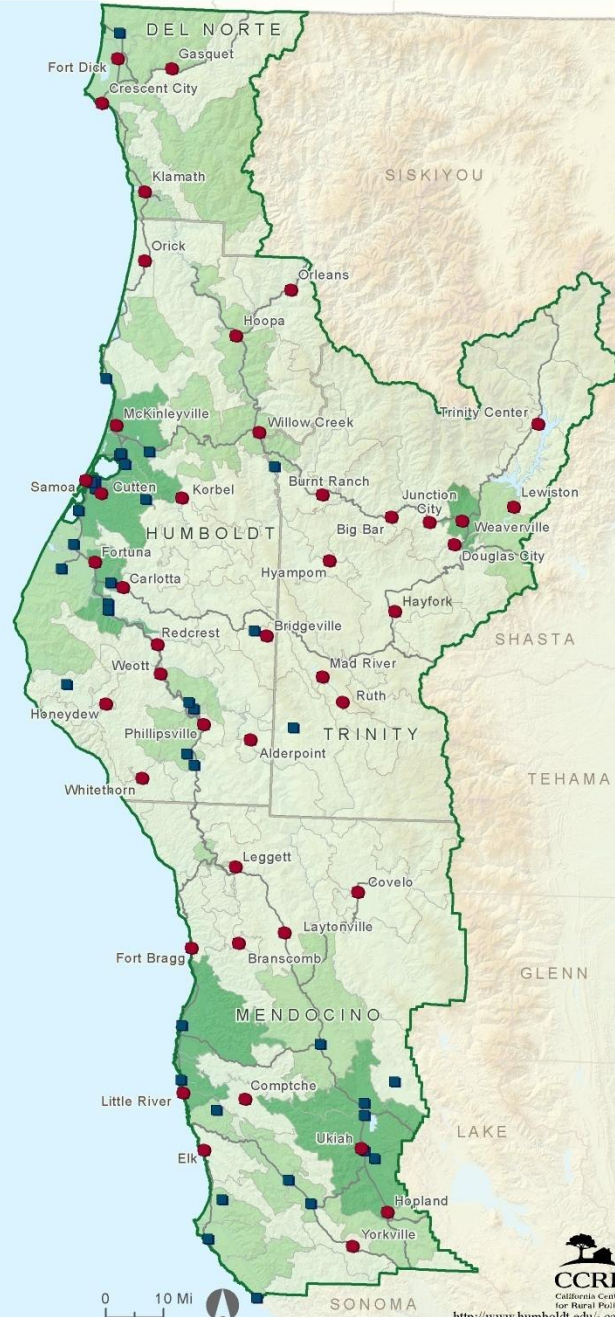
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The Rural Health Information Survey (RHIS)

Purpose:

- To identify issues impacting health & access to health care in Del Norte, Humboldt, Trinity & Mendocino Counties.
- To provide Information for planning & policy development
- Conducted in Summer/ Fall 2006 by CCRP
- 4 page written survey
- Quantitative and Qualitative Questions

CCRP Rural Health Information Survey: Socio-Spatial Sampling Scheme by Zip Code Tabulation Area (ZCTA)



Sampled U.S. Post Offices & ZCTA Population Density
(People per sq. mile by ZCTA)

- Sampled Post Offices (Labeled)
- Post Offices
- Less than 11
- 11- 50
- Greater than 50

Data Sources: U.S. Postal Service, U.S. Census Bureau (2000)
GIS and Cartography: R. Degagne, J. Pollom, A. Braden (2007)

Response Rates & Sample Sizes by County

County	Rural Health Information Survey (RHIS)		California Health Interview Survey (CHIS)	Percent of Total Population Sampled (Census 2000)	
	Response Rate	Sample Size	2007 Sample Size	RHIS	CHIS
Trinity	14.9%	940	49*	7.2%	0.4%
Mendocino	11.2%	705	595	0.8%	0.7%
Del Norte	12.1%	421	82*	1.5%	0.3%
Humboldt	12.3%	880	622	0.7%	0.5%
More than 1 of the above		4			
Total	12.7%	2950	1322		

*CHIS combines the counties of Del Norte, Trinity, Siskiyou, Lassen, Modoc, Plumas and Sierra

Respondents Who Reported Trinity as Their Primary County of Residence

City/Town	ZIP code	Frequency	Percent of Trinity Sample
Weaverville	96093	349	37.2
Hayfork	96041	205	21.8
Lewiston	96052	76	8.1
Douglas City	96024	71	7.6
Junction City	96048	62	6.6
Trinity Center	96091	43	4.6
Burnt Ranch	95527	28	3.0
Mad River	95552	27	2.9
Big Bar	96010	22	2.3
Hyampom	96046	22	2.3
Ruth	955261	6	0.6
Bridgeville	955262*	5	0.5
Willow Creek	95573*	19	2.0
Alderpoint	95511*	2	0.2
Cutten	95534*	1	0.1
Fortuna	95540*	1	0.1
ZIP Code stamp unreadable		1	0.1
Total		940	100

Race/Ethnicity of Respondents

Race/Ethnicity	Trinity Sample		U.S. Census, 2000 Trinity County	
	Frequency	%	Frequency	%
White	821*	88.0	11,573*	88.9
American Indian	24*	2.6	631*	4.8
Hispanic/Latino	11*	1.2	517*	4.0
Asian	4*	0.4	61*	0.5
Black/ African American	0*	0	58*	0.4
Other	31*	3.3	114*	0.9
Multiracial	42	4.5	570	4.4
Total	933	100		

Federal Poverty Level of Respondents

Federal Poverty Level	Trinity Sample		U.S. Census, 2000 Trinity County % of total population
	Frequency	%	
≤99% FPL	116	14.4	18.7
100%-199% FPL	191	23.7	NA
200%-299% FPL	162	20.1	NA
≥300% FPL	336	41.7	NA
Total	805	99.9	NA

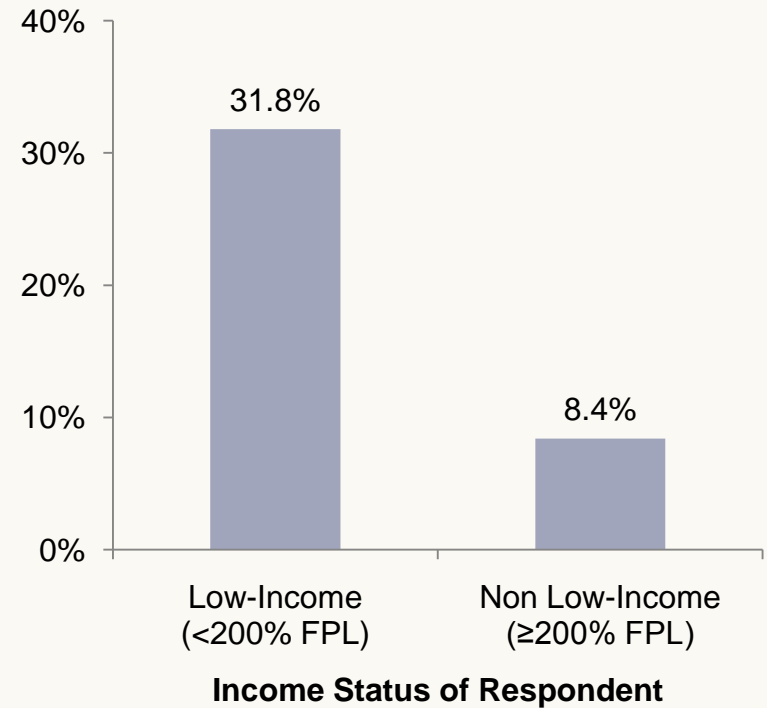
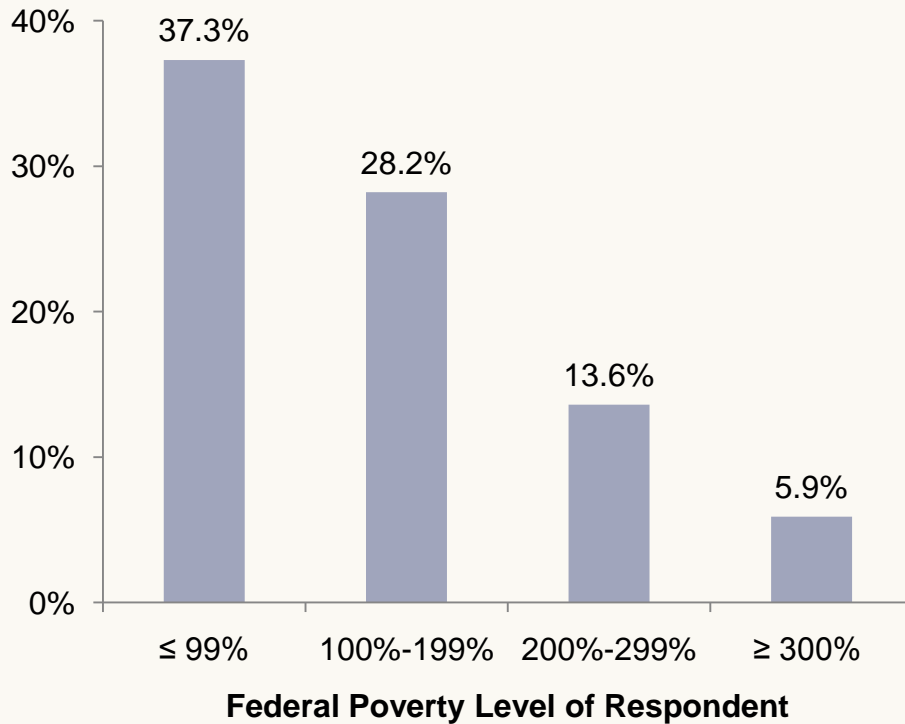
Access to Health Care

Within the past 12 months, were you able to get the healthcare (including mental healthcare) you needed? If no, please explain why.

No = 17.2% in Trinity County

Primary Reasons: Cost and Lack of Insurance

Trinity County: Unable to Get Needed Health Care (*n* = 688)

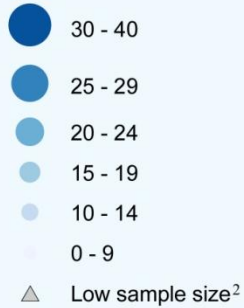


CCRP Rural Health Information Survey: Percent of Respondents Without Adequate Health Care Access¹, 2006

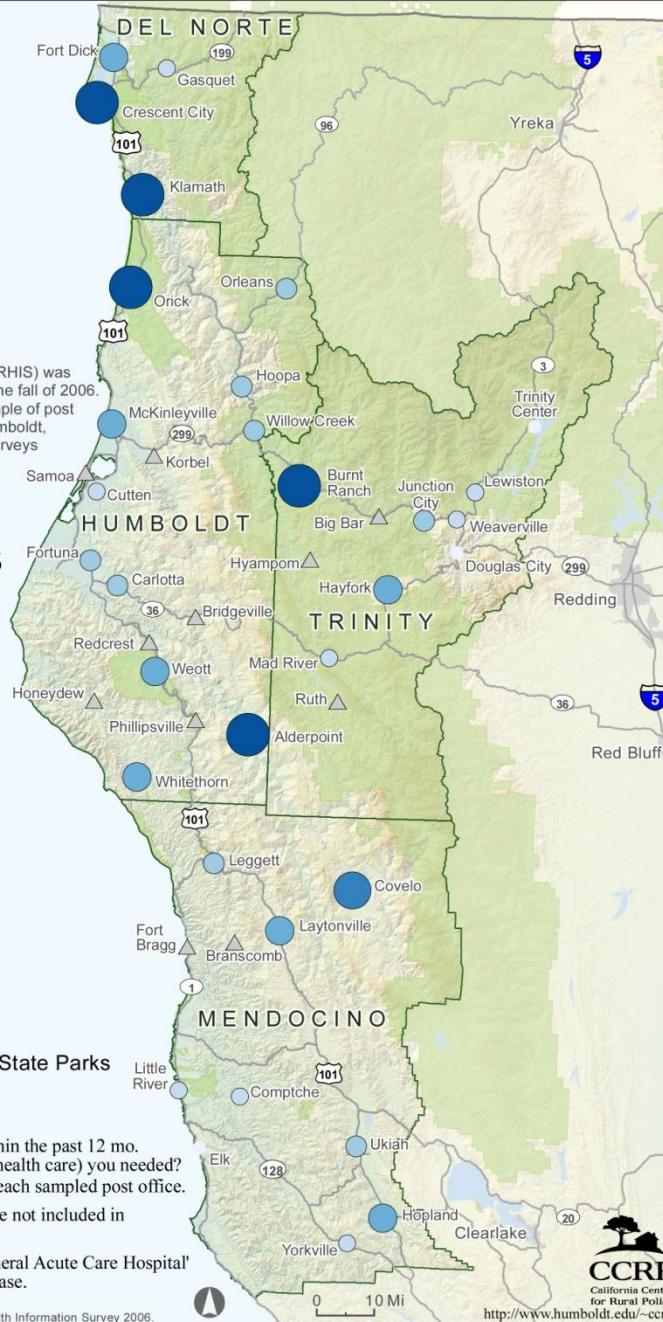
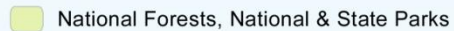


Study Methods: The Rural Health Information Survey (RHIS) was conducted by the California Center for Rural Policy in the fall of 2006. A total of 23,606 surveys were mailed to a random sample of post office box holders in the four counties of Del Norte, Humboldt, Trinity and Mendocino. The total number of returned surveys was 3,003 for an overall response rate of 12.7%.

Percent of Respondents Without Adequate Health Care Access, 2006



Public Lands



¹ Data derived from RHIS survey question (4): Within the past 12 mo. were you able to get the health care (incl. mental health care) you needed? Percentages are shown for survey respondents of each sampled post office.

² Post offices with less than 20 survey responses were not included in analysis due to statistical instability.

³ Facilities shown are those classified as either 'General Acute Care Hospital' or 'Free or Community Clinics' in OSHPD's database.



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Quotes from Trinity County Respondents

Within the past 12 months, were you able to get the healthcare (including mental healthcare) you needed? If no, please explain why.

- “No. Access time- long waits, limited choices, long distance for more choice.”
- “No. Cannot afford the high cost- make borderline amount so not qualified for Medi-Cal without a lien on my house.”
- “No. My car has been down and I live 100 miles from good health care.”
- ”No. snowed in all winter...but got e-mail consultation.”

Access to Health Care for Children

Within the past 12 months, were you able to get your children the healthcare (including mental healthcare) they needed?

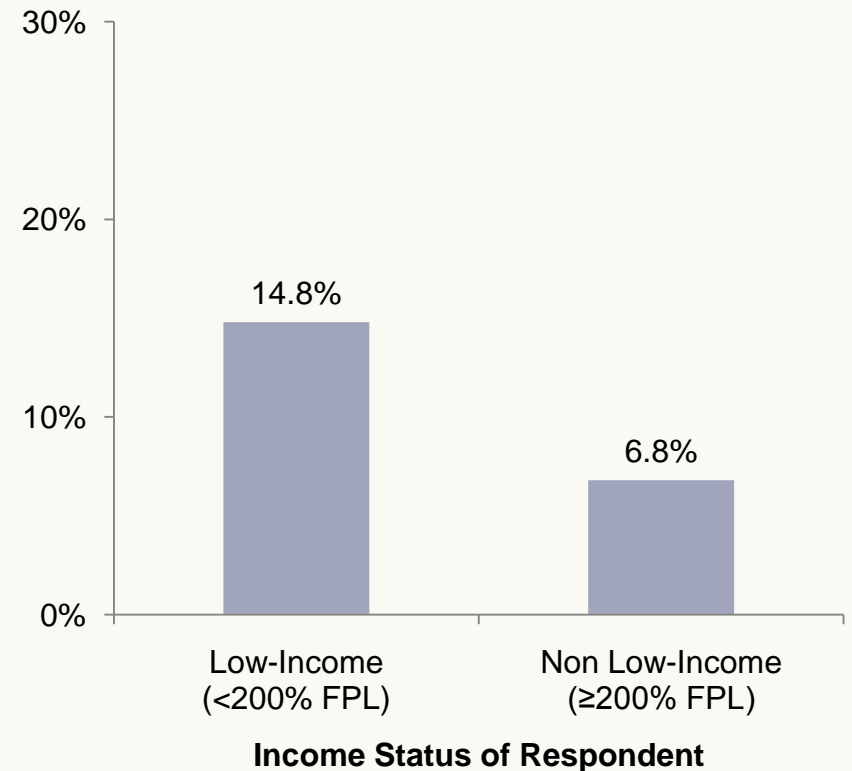
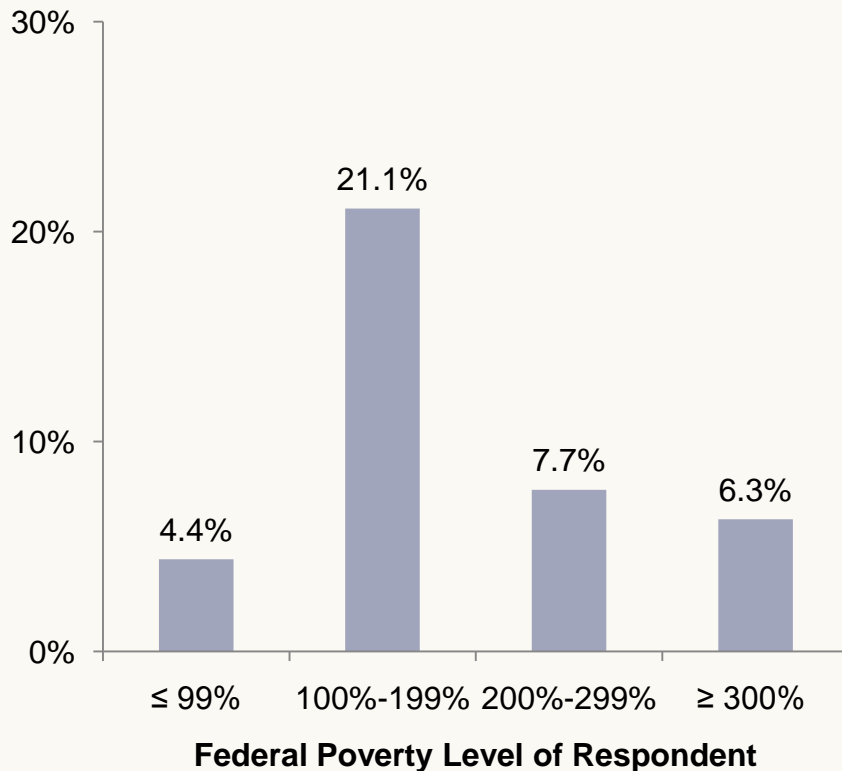
If no, please explain why.

No = 10.3% in Trinity County

Primary Reasons:

- Difficulties finding and receiving mental health care
- Lack of health care providers
- Having to leave local area for care

Trinity County: Unable to Get Needed Health Care for Children (*n* = 135)



Health Insurance and Use of the Emergency Department

What types of health insurance do you have?

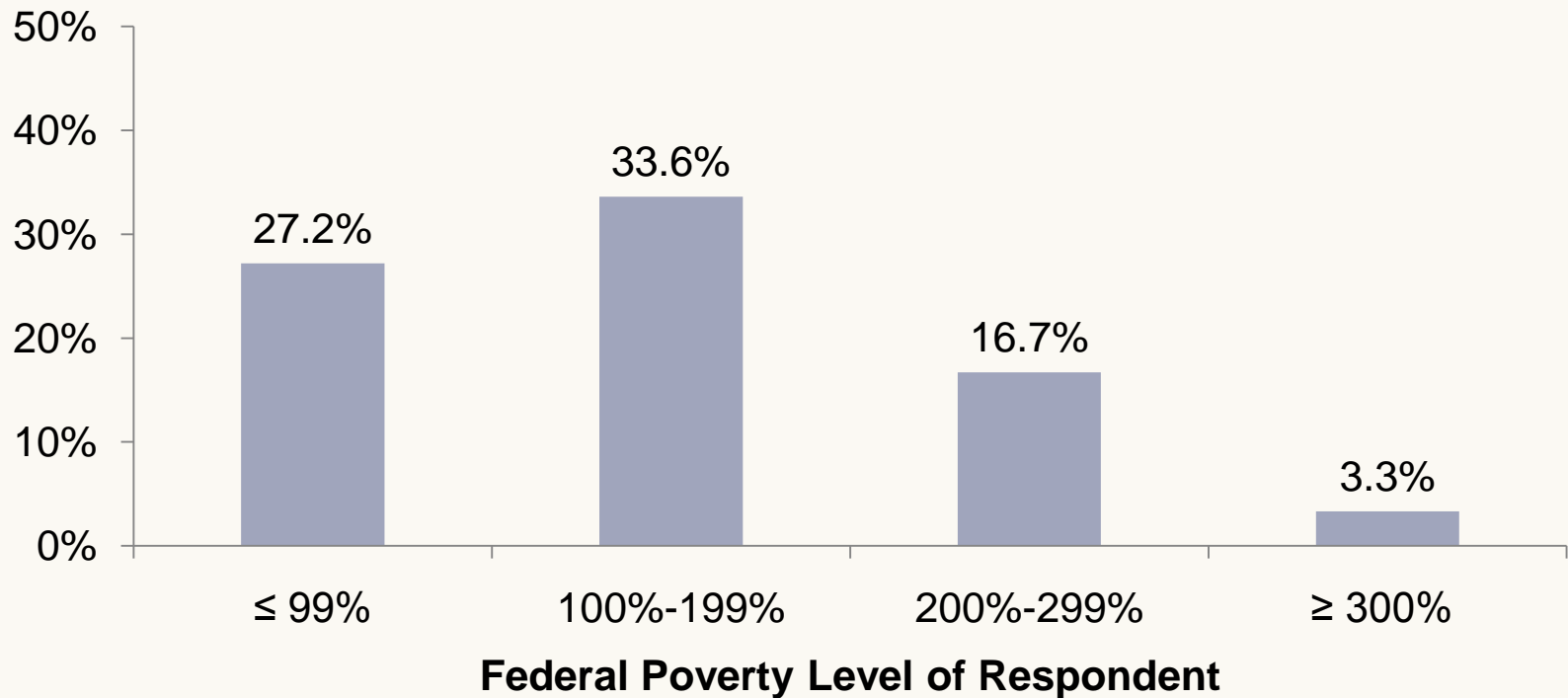
*During the past 12 months did you visit a hospital
emergency room for your own health?*

No Health Insurance by County (age 18-64)

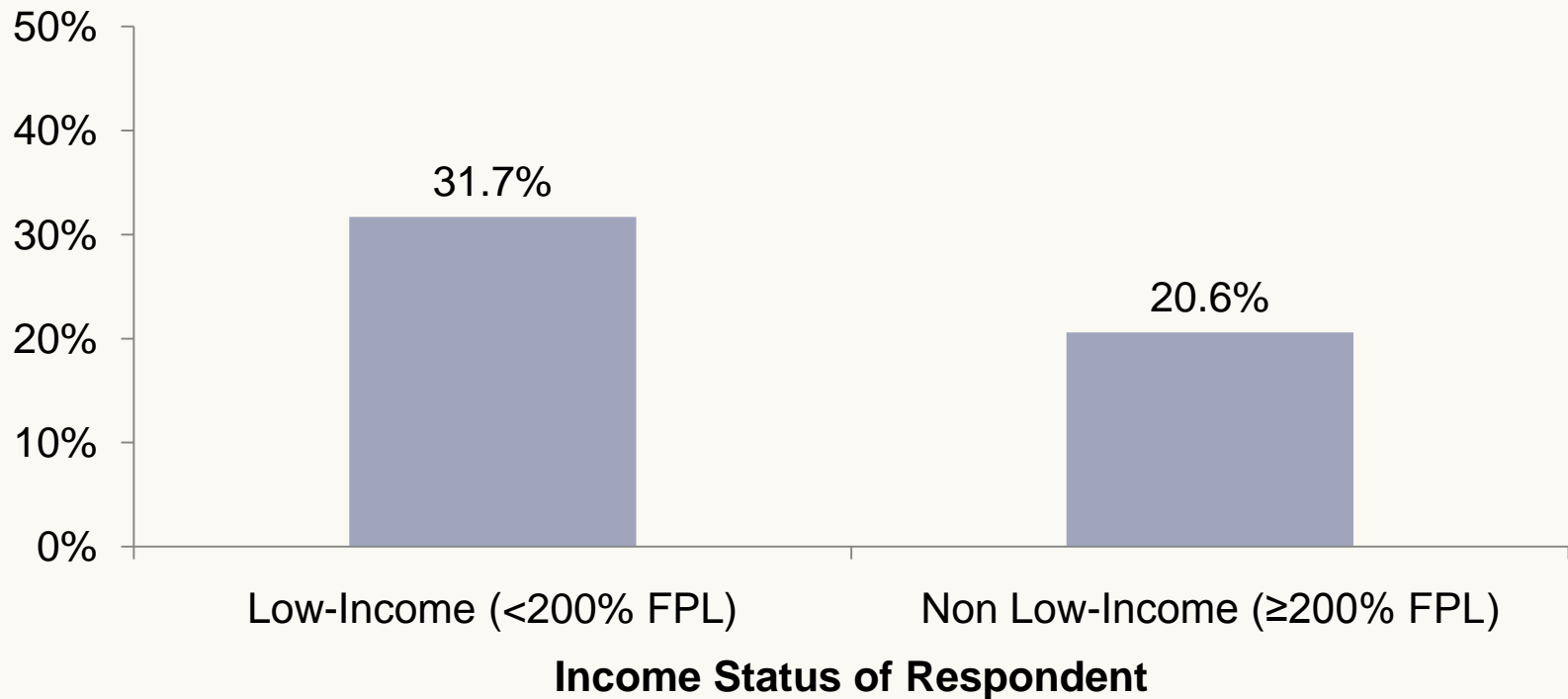
County		RHIS		CHIS, 2007
		No Insurance		No Insurance
	Frequency	Frequency	% (95% CI)	% (95% CI)
Trinity	627	107	17.1 (14.2-20)	22.8 (14.2-31.3)*
Del Norte	313	47	15.0 (11-19)	22.8 (14.2-31.3)*
Humboldt	684	173	25.3 (22.1-28.6)	15.3 (9.0-21.7)
Mendocino	557	128	23.0 (19.5-26.5)	19.4 (10.2-28.6)
Total	2181	455	21.0 (19.3-22.7)	19.2 (14.4-24.0)

*CHIS combines the counties of Del Norte, Trinity, Siskiyou, Lassen, Modoc, Plumas and Sierra

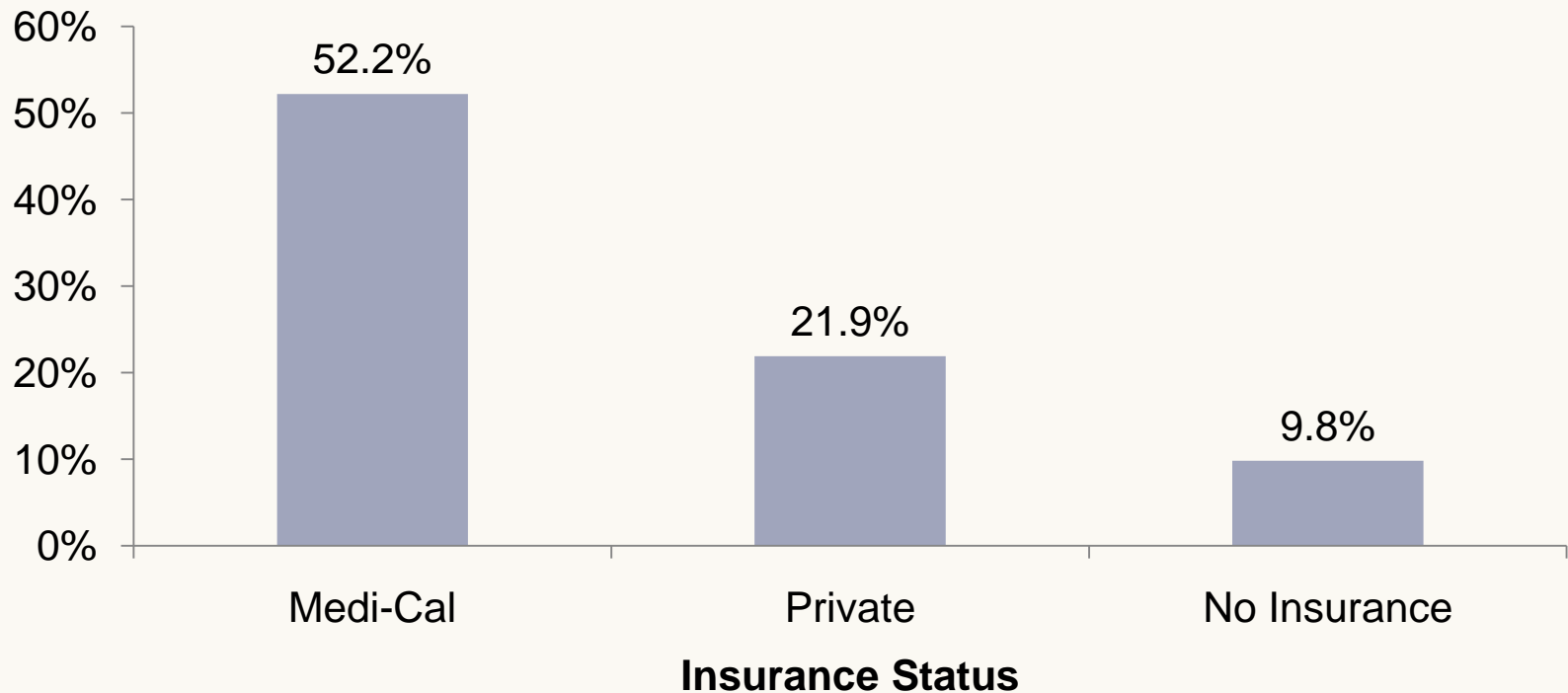
Trinity County: No Health Insurance by Poverty Level (age 18-64) (*n* = 564)



Trinity County: Use of ER for Health Care in Past Year by Income Status ($n = 800$)

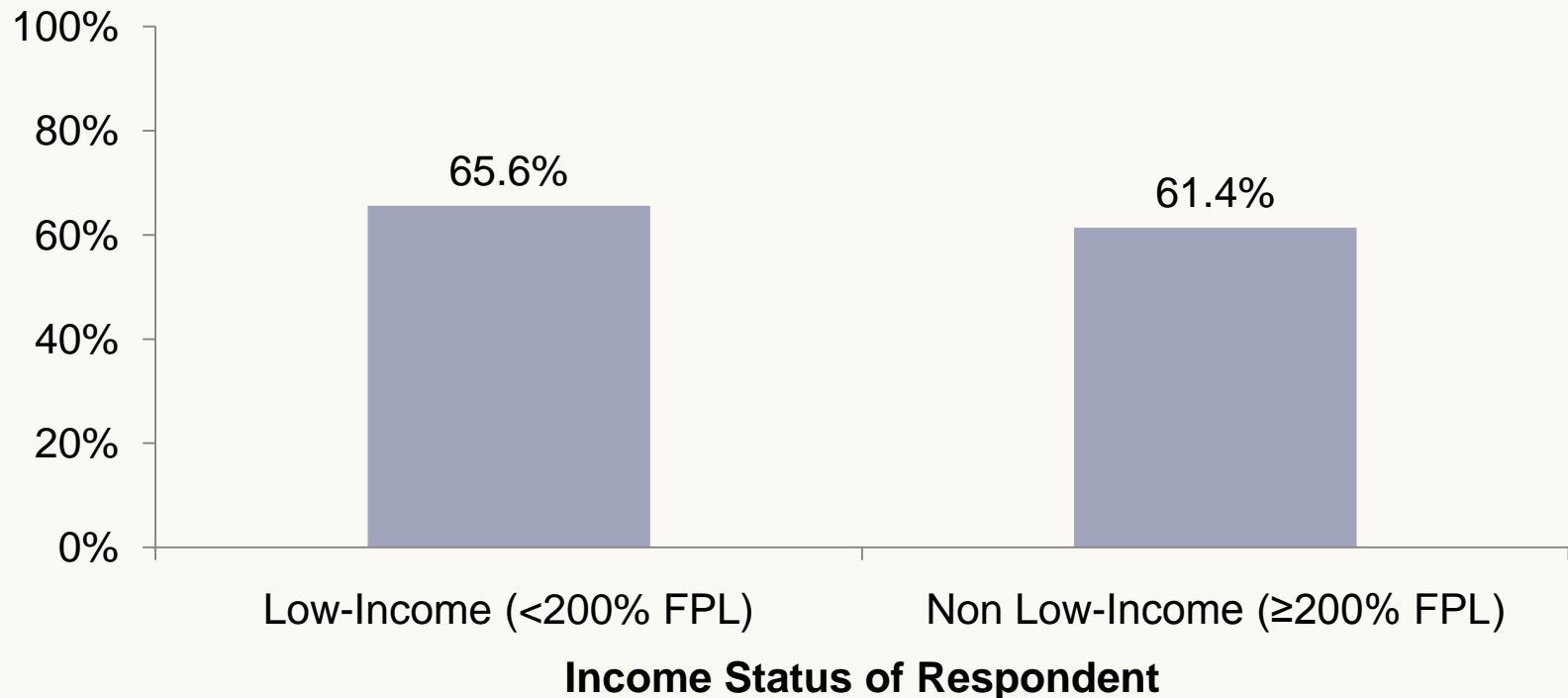


Trinity County: Use of ER for Health Care in Past Year by Insurance Status ($n = 750$)



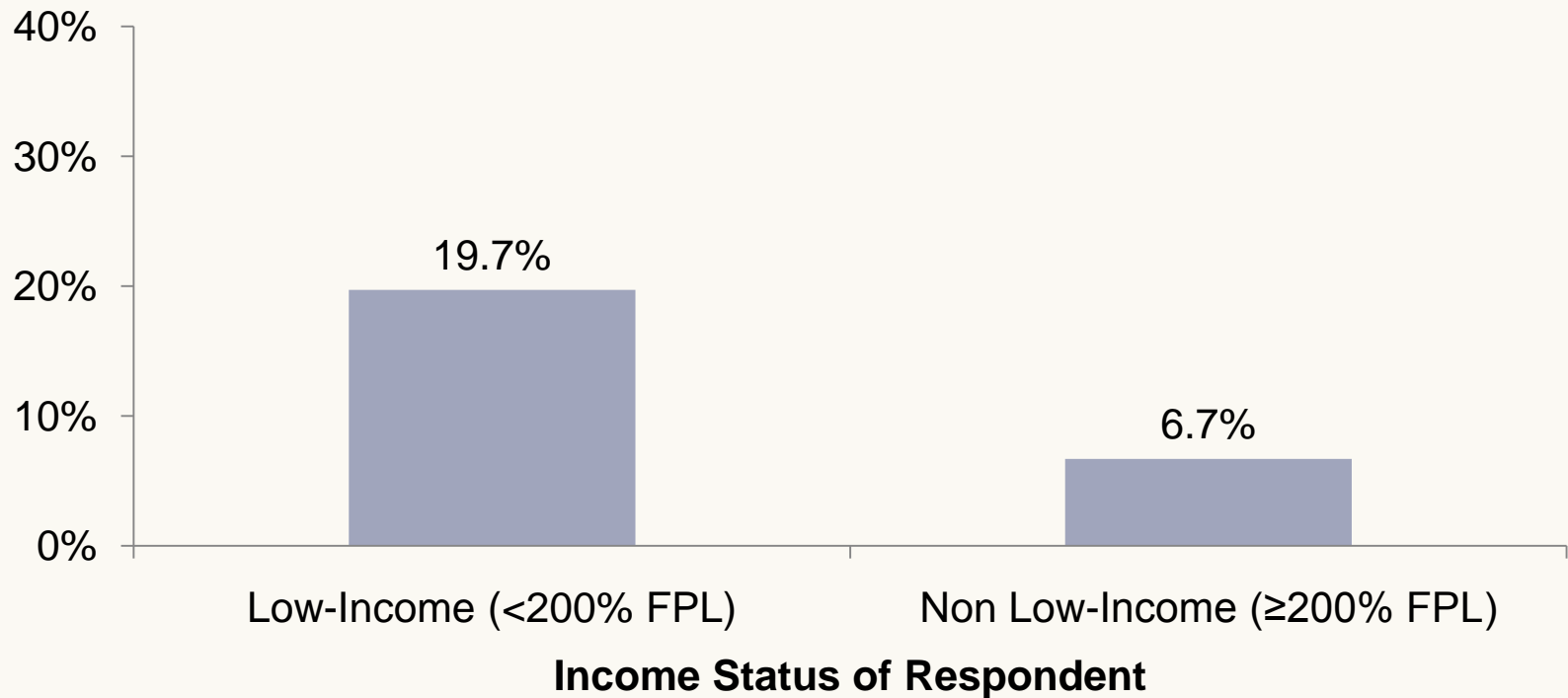
Primary and Secondary Prevention

Trinity County: Meeting Recommendations* for Moderate or Vigorous Activity by Income Status ($n = 800$)

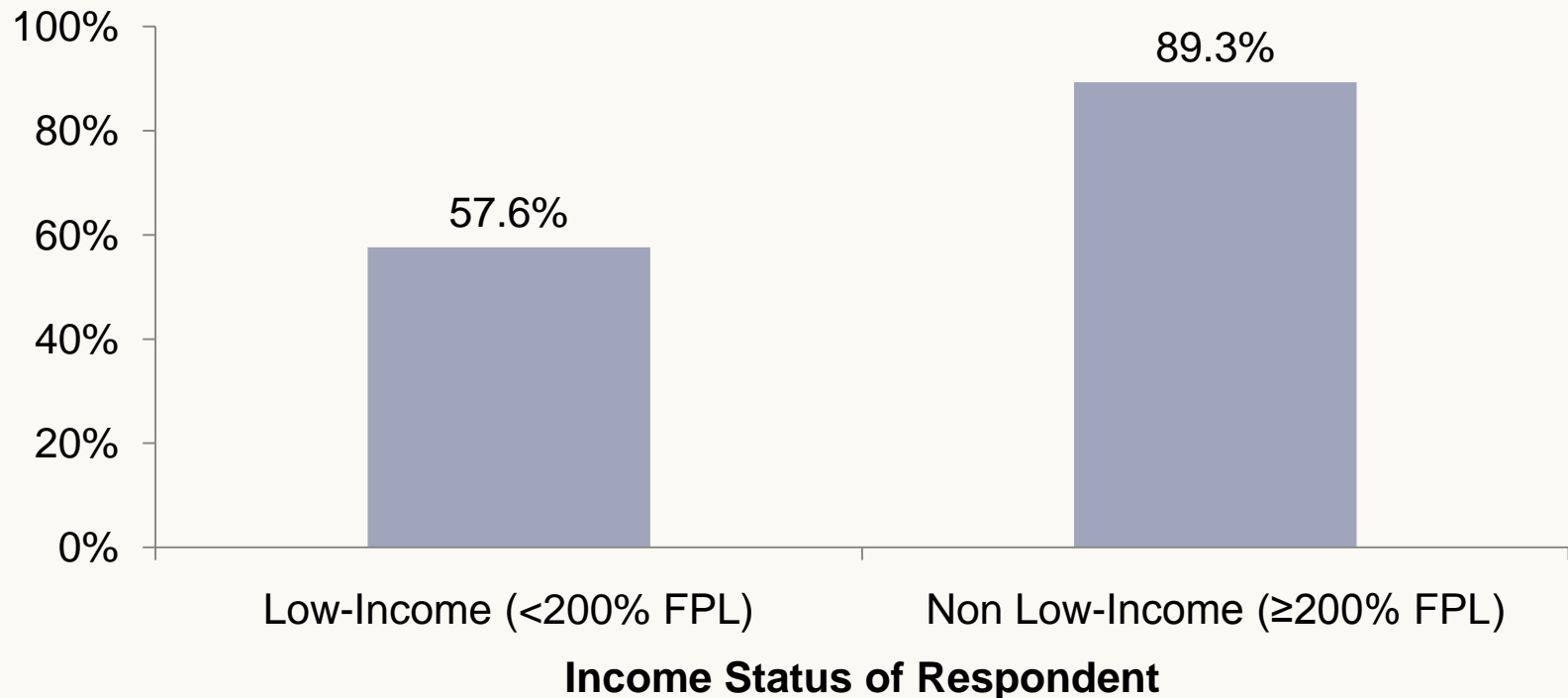


* Respondents were considered to be meeting recommendations if they reported 30 min of moderate activity at least 5 days a week and/or 20 minutes of vigorous activity at least 3 days a week (CDC Recommendations)

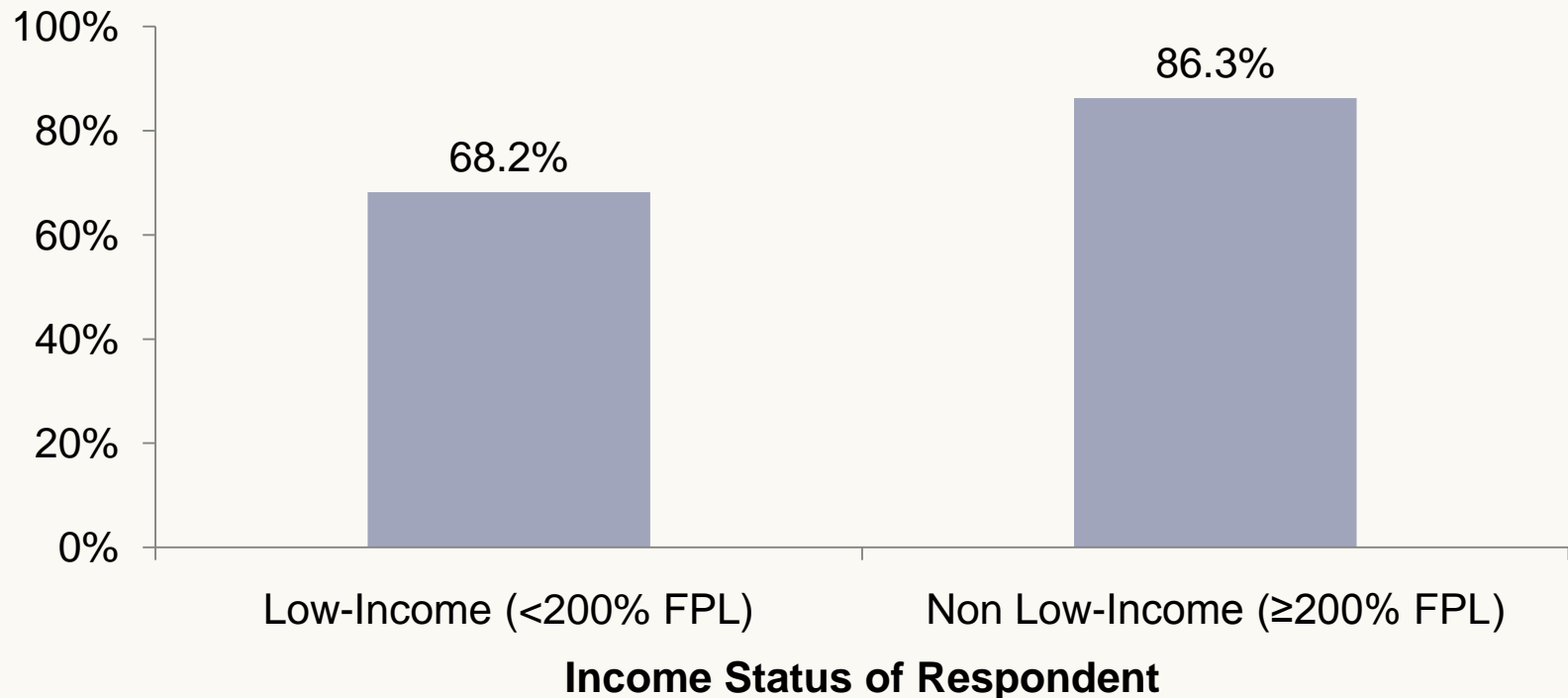
Trinity County: Daily Cigarette Smoking by Income Status ($n = 801$)



Trinity County: Teeth Cleaned in Past 2 Years by Income Status (*n* = 744)

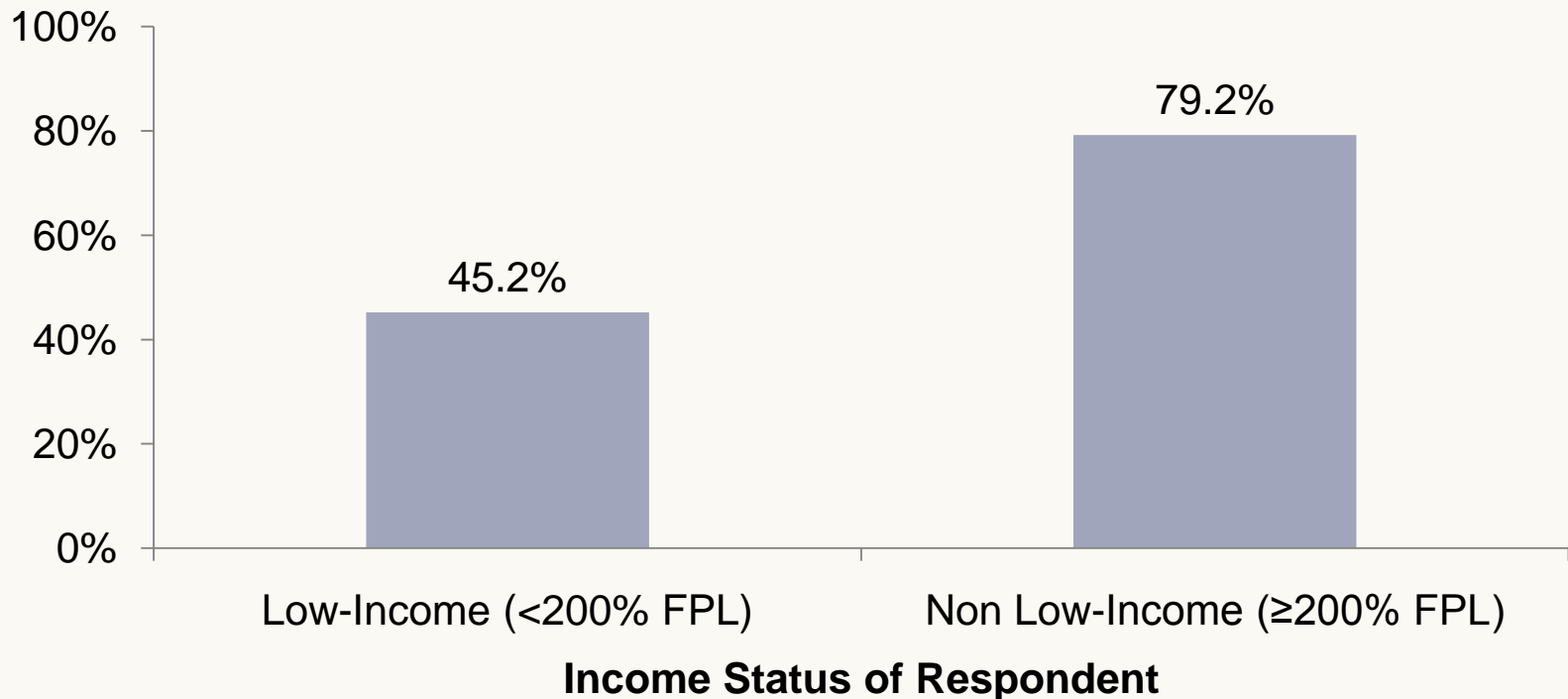


Trinity County: Screening for Diabetes in Past 5 Years by Income Status (age >45) (*n* =497)

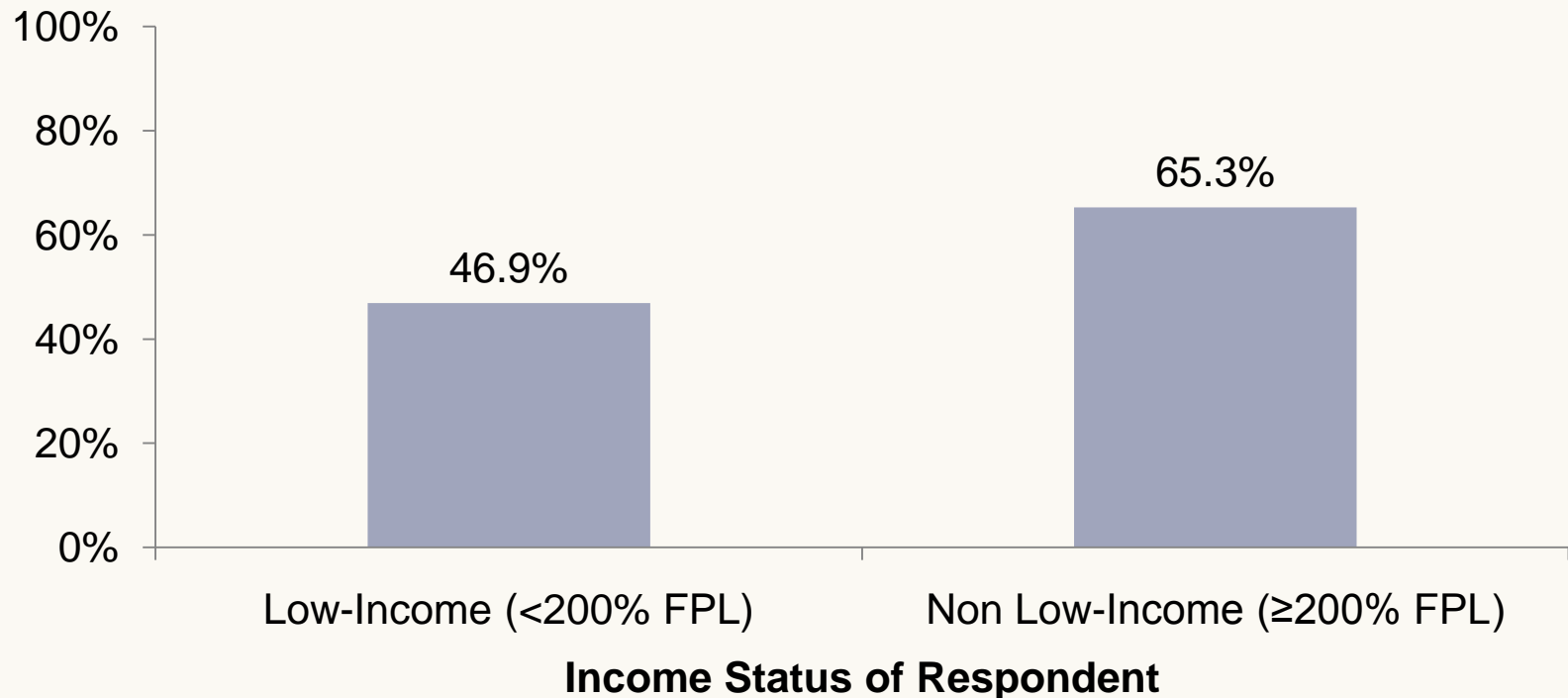


Analysis excludes respondents who indicated they had a diagnosis of diabetes

Trinity County: Mammogram in Past 2 years by Income Status (women age 40-64) ($n = 296$)

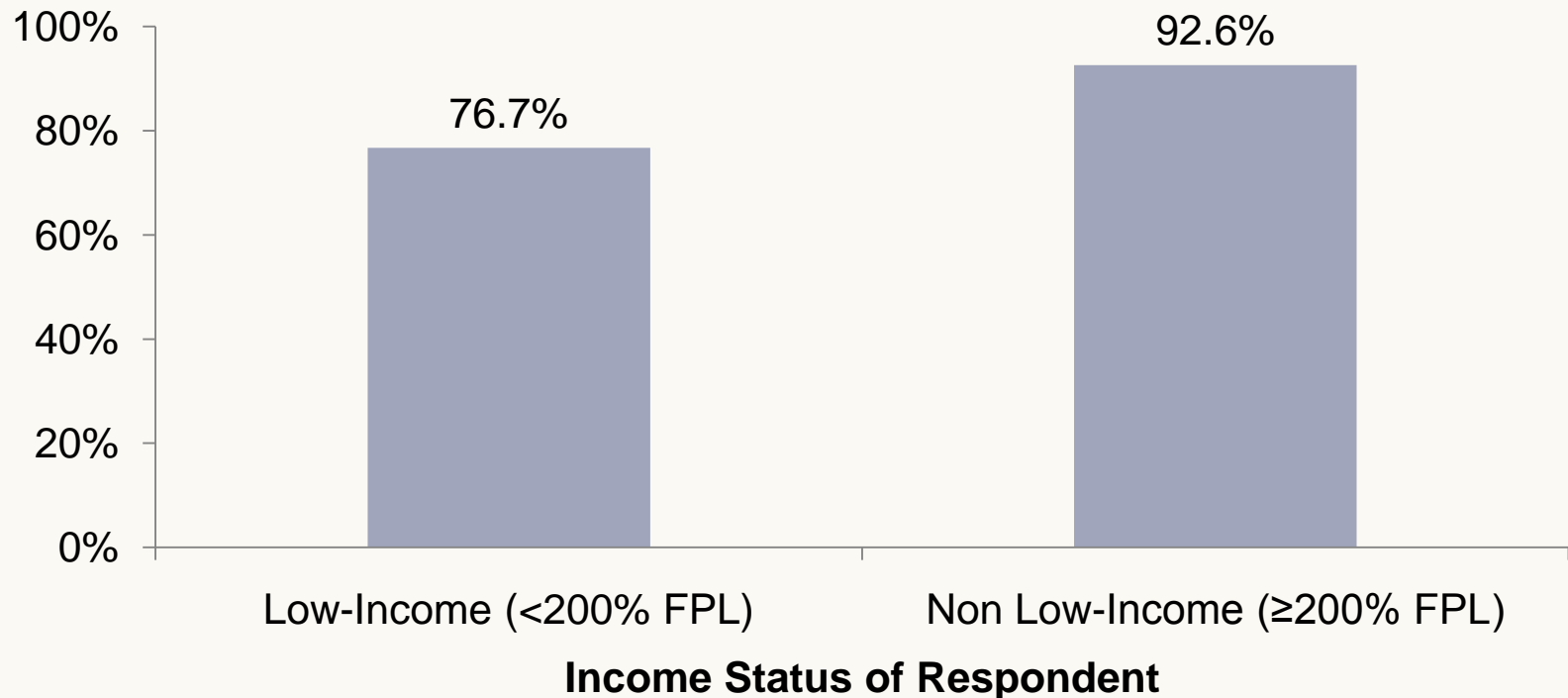


Trinity County: Recommended Colorectal Cancer Screening* by Income Status (age 50-64) (*n* = 347)



*Colonoscopy/Sigmoidoscopy in past 10 years
and/or Fecal Occult Blood Test in past year

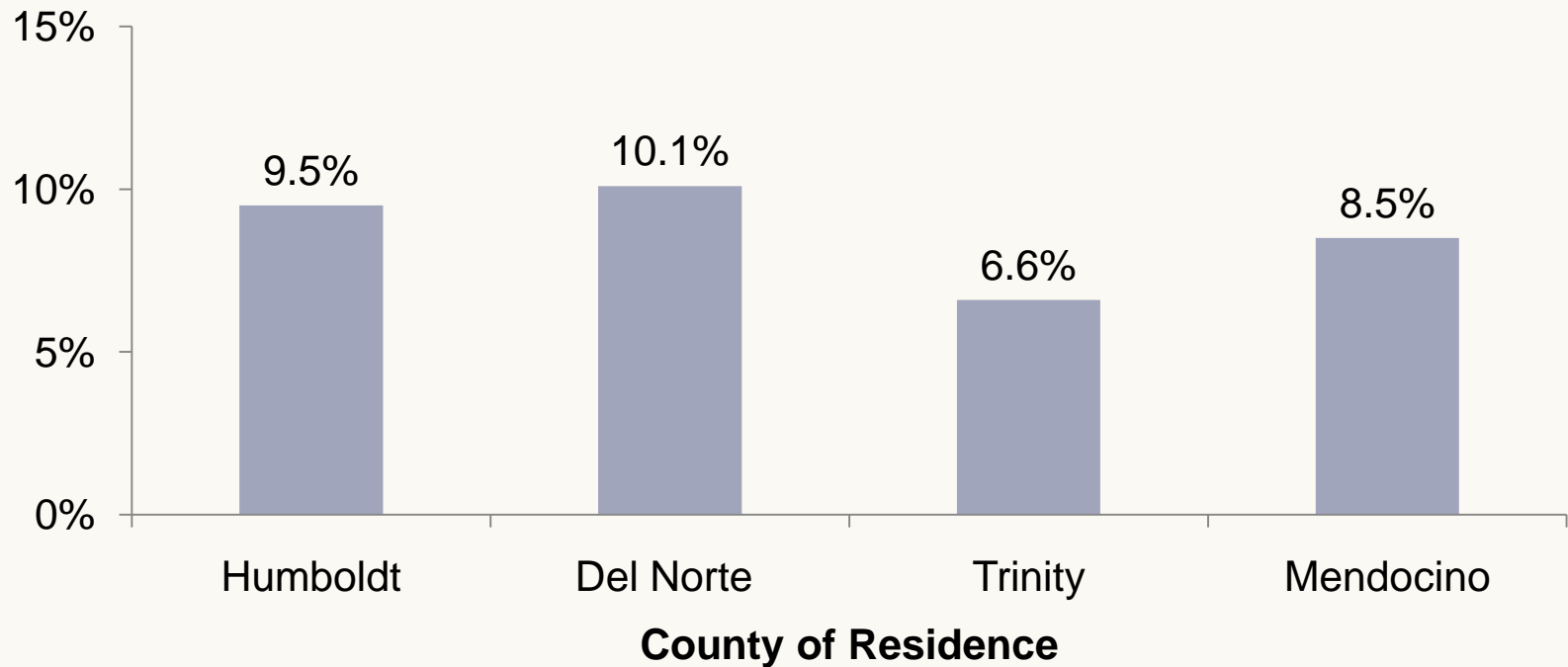
Trinity County: Pap Test in Past 5 Years by Income Status (women age 18-64) (*n* = 346)



Food Security

“In the last 12 months were you or people living in your household ever hungry because you couldn’t afford enough food?”

Very Low Food Security by County of Residence (*n* = 2,906)



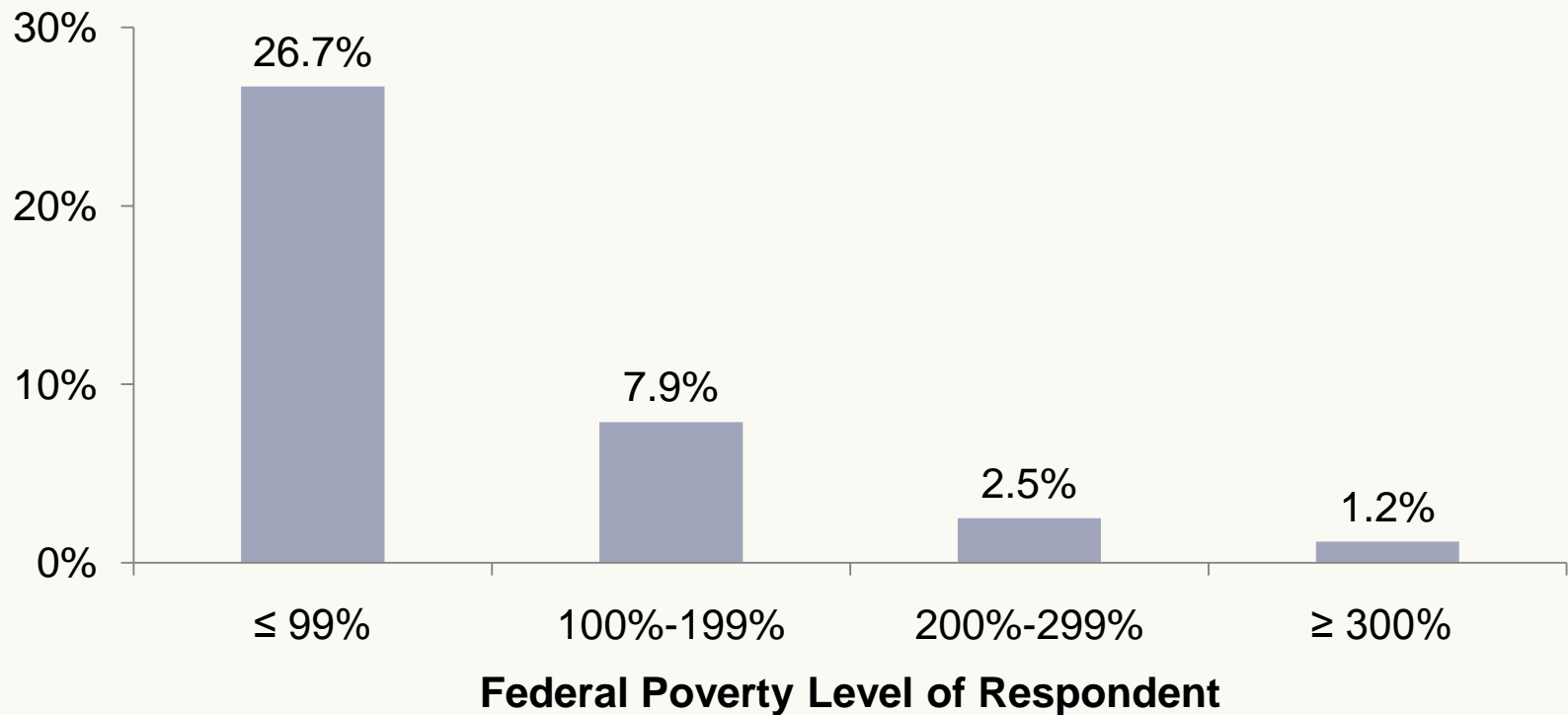
Estimates of very low food security:

Nation 4.0%

California 3.7%

(2006 Current Population Survey Food Security Supplement)

Trinity County: Very Low Food Security by Poverty Level of Respondent (*n* = 803)



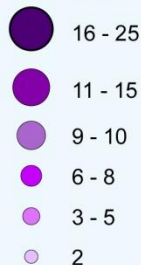
CCRP Rural Health Information Survey: Percent of Respondents With Very Low Food Security¹, 2006



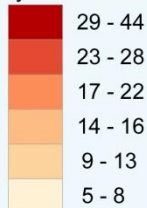
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Percent of Respondents With Very Low Food Security

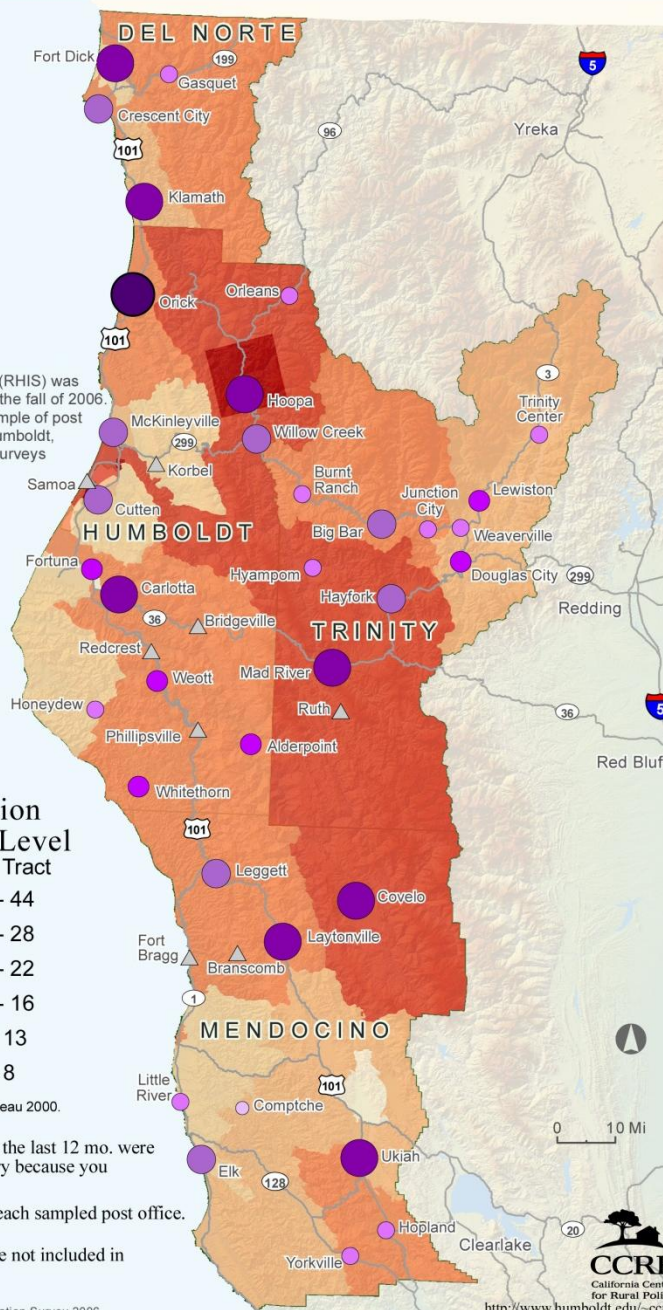
▲ Low sample size²



Total Population Below Poverty Level Percent by Census Tract



Data Source: U.S. Census Bureau 2000.



¹ Data derived from RHIS survey question (31): In the last 12 mo. were you or people living in your household ever hungry because you couldn't afford enough food?

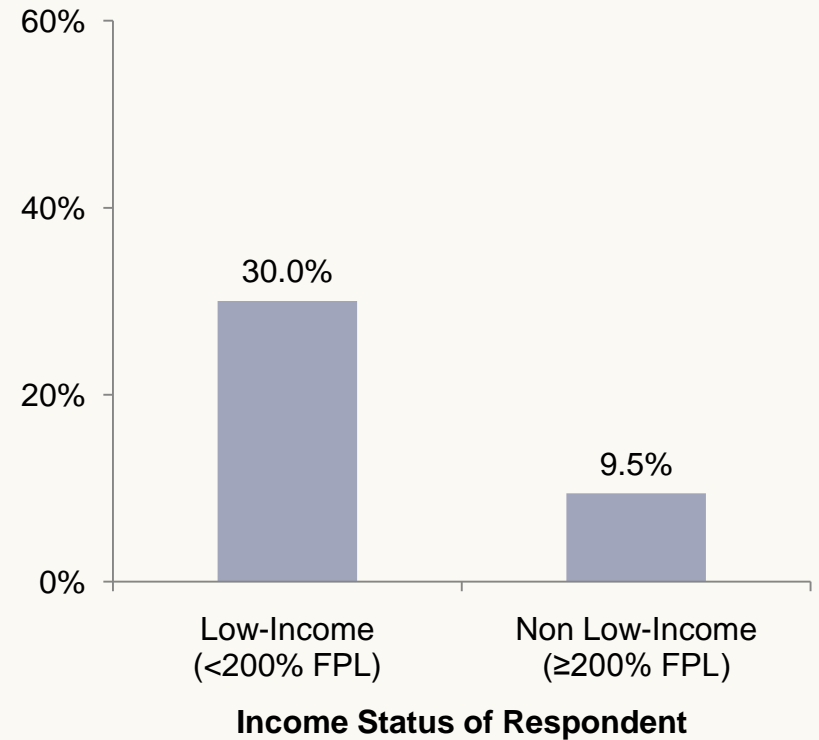
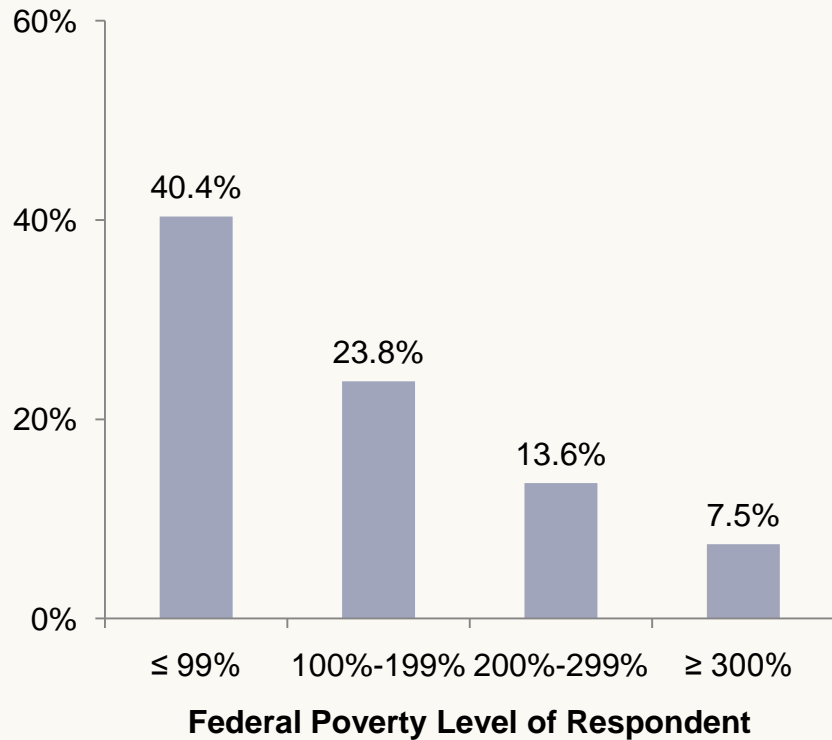
Percentages are shown for survey respondents of each sampled post office.

² Post offices with less than 20 survey responses were not included in analysis due to statistical instability.

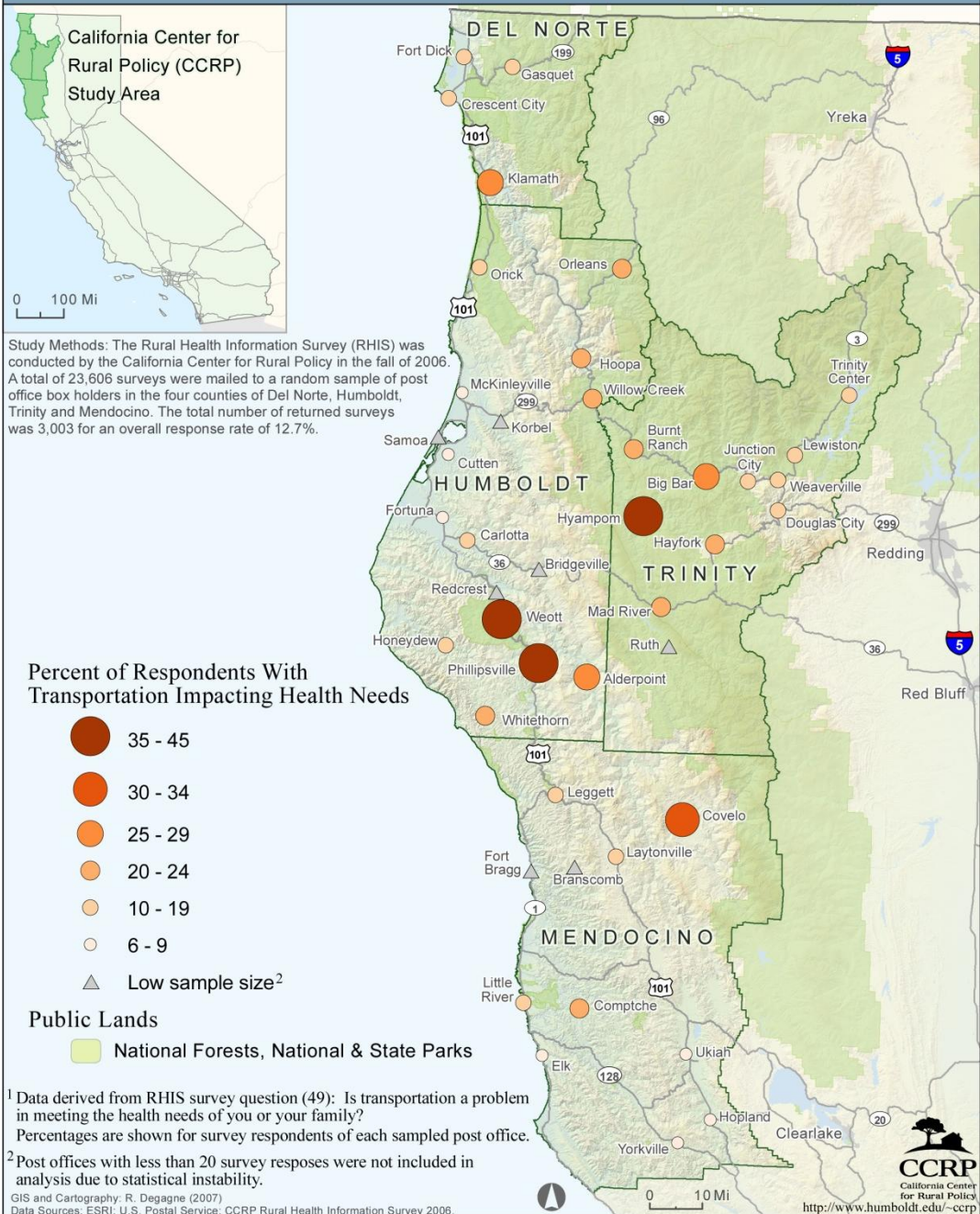
Transportation

Is transportation a problem in meeting the health needs of you or your family?

Trinity County: Transportation as a Problem Meeting Health Needs (*n* = 800)



CCRP Rural Health Information Survey: Percent of Respondents With Transportation Impacting Health Needs¹, 2006



Phones, Computers & Internet Access

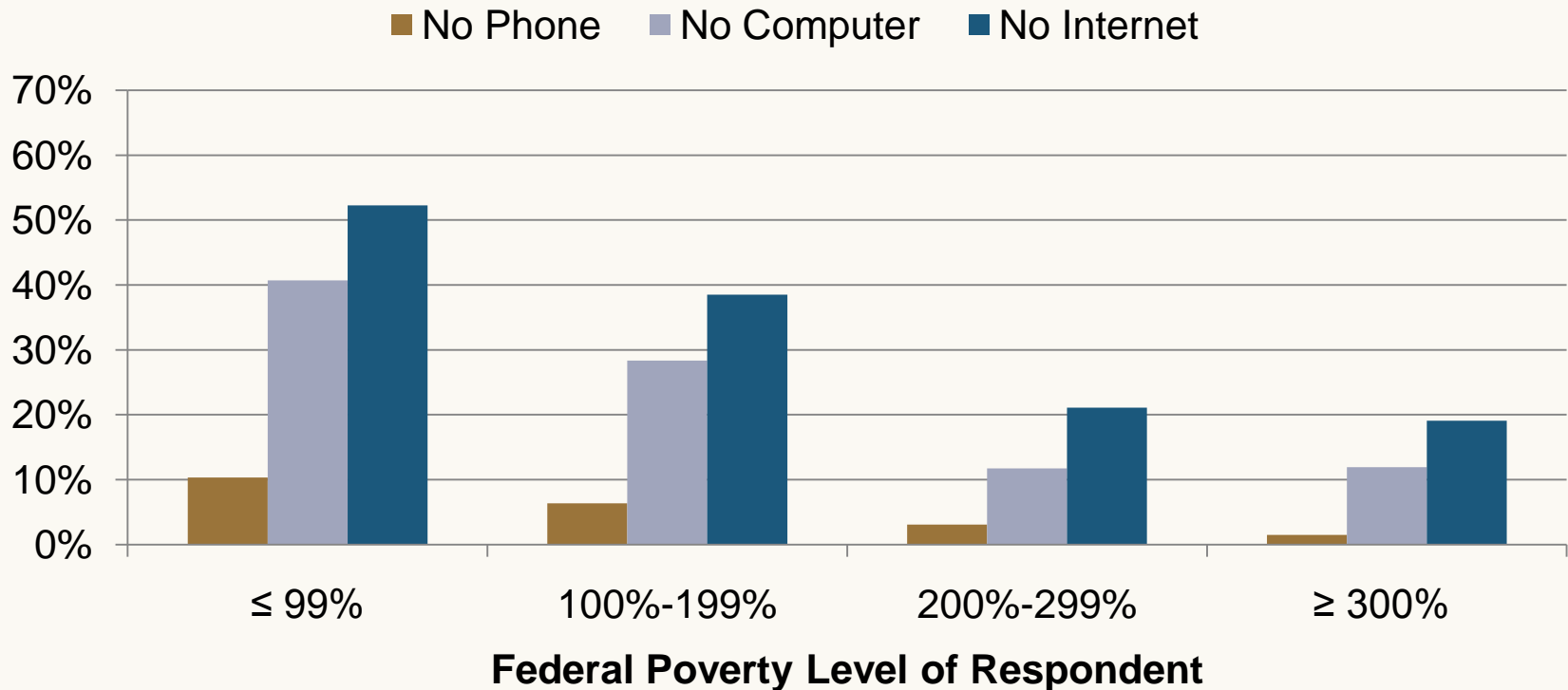
In your home do you have:

A Phone?

A Computer?

Internet Access?

Trinity County: No Phone, Computer or Internet Access in the Home



Do you have training in First Aid?

Do you have training in CPR?

CCRP Rural Health Information Survey: Percent of Respondents Without First Aid Training¹, 2006

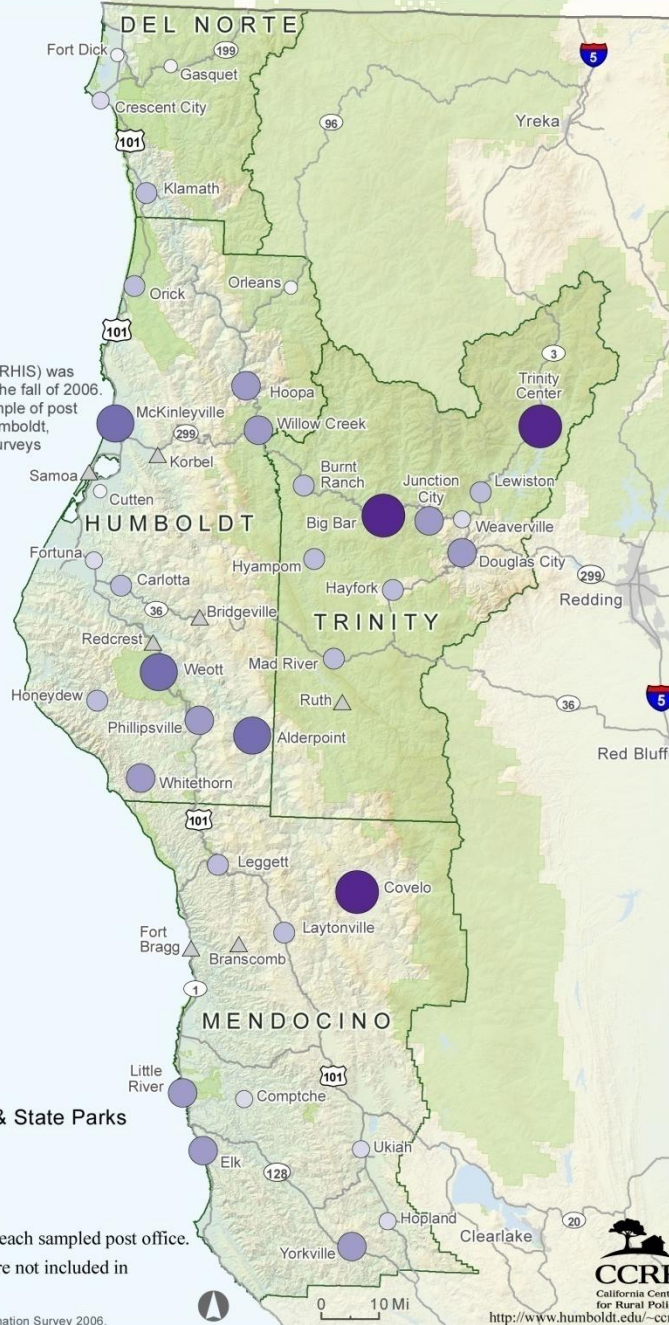


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Percent of Respondents Without First Aid Training



Public Lands



¹ Data derived from RHIS survey question (50):
Do you have training in first aid?
Percentages are shown for survey respondents of each sampled post office.

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CCRP Rural Health Information Survey: Percent of Respondents Without CPR Training¹, 2006

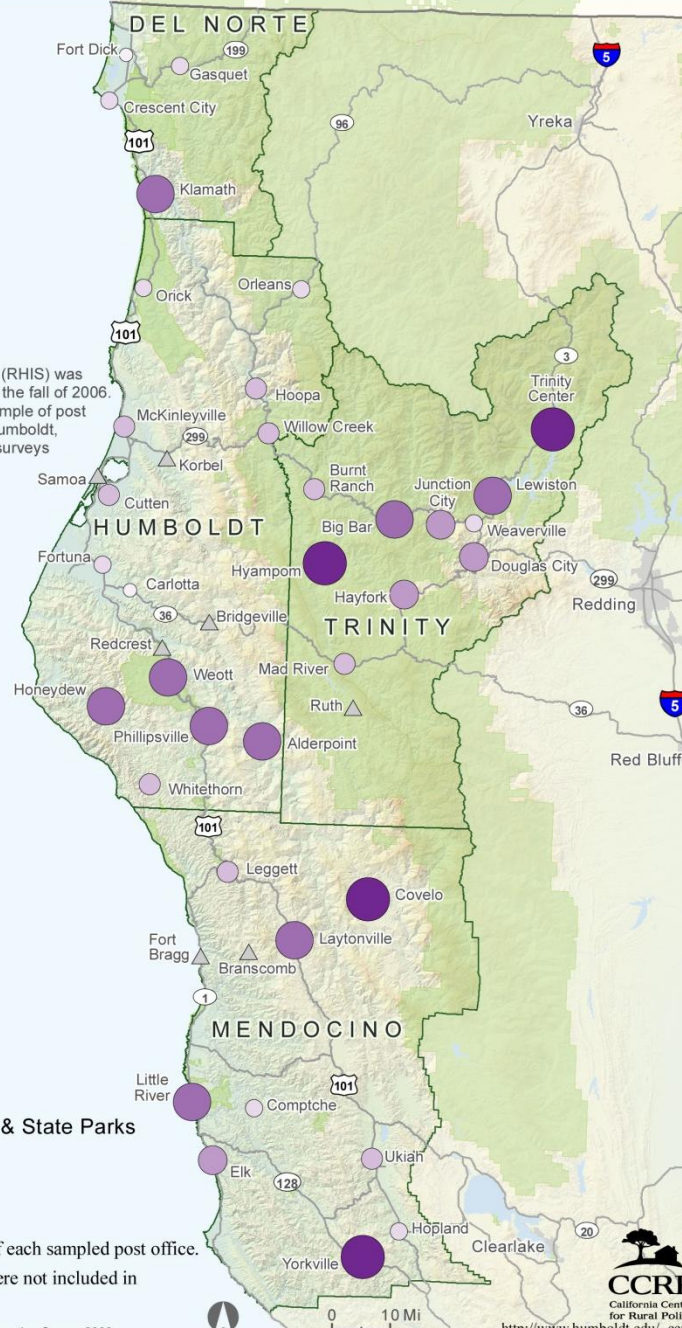


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Percent of Respondents Without CPR Training



Public Lands



¹Data derived from RHIS survey question (50):
Do you have training in CPR?
Percentages are shown for survey respondents of each sampled post office.

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