The Rural Health Information Survey: Coverage and Access in Humboldt County

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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
<table>
<thead>
<tr>
<th>County</th>
<th>Rural Health Information Survey</th>
<th>California Health Interview Survey (CHIS) 2005 Sample Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Response Rate</td>
<td>Sample Size</td>
</tr>
<tr>
<td>Del Norte</td>
<td>12.1%</td>
<td>421</td>
</tr>
<tr>
<td>Humboldt</td>
<td>12.3%</td>
<td>880</td>
</tr>
<tr>
<td>Trinity</td>
<td>14.9%</td>
<td>940</td>
</tr>
<tr>
<td>Mendocino</td>
<td>11.2%</td>
<td>705</td>
</tr>
<tr>
<td>More than 1 of</td>
<td>More than 1 of</td>
<td>4</td>
</tr>
<tr>
<td>above</td>
<td>above</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>12.7%</td>
<td>2950</td>
</tr>
</tbody>
</table>

*CHIS combines the counties of Del Norte, Trinity, Siskiyou, Lassen, Modoc, Plumas and Sierra
## Race/Ethnicity of Respondents

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Humboldt Sample</th>
<th>U.S. Census, 2000 Humboldt County</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Frequency</td>
<td>%</td>
</tr>
<tr>
<td>White</td>
<td>677*</td>
<td>78.2</td>
</tr>
<tr>
<td>American Indian/Alaska Native</td>
<td>84*</td>
<td>9.7</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>9*</td>
<td>1.0</td>
</tr>
<tr>
<td>Black/African American</td>
<td>3*</td>
<td>0.3</td>
</tr>
<tr>
<td>Asian</td>
<td>2*</td>
<td>0.2</td>
</tr>
<tr>
<td>Other</td>
<td>25*</td>
<td>2.9</td>
</tr>
<tr>
<td>Multiracial</td>
<td>66</td>
<td>7.6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>866</strong></td>
<td><strong>99.9</strong></td>
</tr>
</tbody>
</table>

* 1 Race Alone
## Federal Poverty Level of Respondents

<table>
<thead>
<tr>
<th>Federal Poverty Level</th>
<th>Humboldt RHIS Frequency</th>
<th>Humboldt RHIS % of Sample</th>
<th>Humboldt U.S. Census, 2000 % of total population</th>
</tr>
</thead>
<tbody>
<tr>
<td>≤99%</td>
<td>129</td>
<td>16.7%</td>
<td>19.5%</td>
</tr>
<tr>
<td>100%-199%</td>
<td>212</td>
<td>27.5%</td>
<td>NA</td>
</tr>
<tr>
<td>200%-299%</td>
<td>153</td>
<td>19.8%</td>
<td>NA</td>
</tr>
<tr>
<td>≥300%</td>
<td>277</td>
<td>35.9%</td>
<td>NA</td>
</tr>
<tr>
<td>Total</td>
<td>771</td>
<td>99.9%</td>
<td>NA</td>
</tr>
</tbody>
</table>

Poverty Thresholds obtained from U.S. Census Bureau, “Poverty Thresholds 2006”
http://www.census.gov/hhes/www/poverty/threshld/thresh06.html
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.
Humboldt County
Unable to Get Needed Health Care by Federal Poverty Level
\( (n = 664) \)
Humboldt County
Primary Reasons Unable to Get Needed Health Care
by Federal Poverty Level

- **≤ 99%**: #1 Reason: Quality of Care
- **100%-199%**: #1 Reason; No Insurance
- **200%-299%**: #1 Reason: Cost
- **≥ 300%**: #1 Reason: Lack of Providers
Humboldt County:
Unable to Get Needed Health Care by Ethnicity
(n = 749)

<table>
<thead>
<tr>
<th>Ethnicity of Respondent</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>19.8%</td>
</tr>
<tr>
<td>Native American</td>
<td>16.0%</td>
</tr>
<tr>
<td>Other Non-White*</td>
<td>20.7%</td>
</tr>
</tbody>
</table>

*Other Non-White includes
Black/African American, Latino/a, Asian, Multi-racial and other
Humboldt County: Top Reasons Unable to Get Needed Health Care by Ethnicity (n = 172)

- Quality of Care
- Mental Health
- Scheduling Difficulties
- Cost
- No Insurance

*Other Non-White includes Black/African American, Latino/a, Asian, Multi-racial and other

- No Insurance
- Cost
- Lack of Providers
- Lack of Services
- Oral Health
- Insurance Issues

- White
- Native American
- Other Non-White*
Transportation

Is transportation a problem in meeting the health needs of you or your family?
Humboldt County
Transportation as a Problem Meeting Health Needs
by Federal Poverty Level
(n = 763)

Federal Poverty Level of Respondent

- 38.1% for ≤ 99%
- 19.1% for 100%-199%
- 14.6% for 200%-299%
- 9.4% for ≥ 300%
Percent of Respondents With Transportation Impacting Health Needs

- 35 - 45
- 30 - 34
- 25 - 29
- 20 - 24
- 10 - 19
- 6 - 9

Low sample size

Public Lands
- National Forests, National & State Parks

1. Data derived from RHIS survey question (49): Is transportation a problem in meeting the health needs of you or your family? 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.

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 23,808 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%.
Health Insurance

What types of health insurance do you have?
Humboldt County:
Uninsured Respondents within each Employment Status
\( (n = 870) \)

<table>
<thead>
<tr>
<th>Employment Status</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employed</td>
<td>13.1%</td>
</tr>
<tr>
<td>Unemployed</td>
<td>46.8%</td>
</tr>
<tr>
<td>Self-Employed</td>
<td>44.2%</td>
</tr>
<tr>
<td>Disabled</td>
<td>7.0%</td>
</tr>
<tr>
<td>Homemaker</td>
<td>20.0%</td>
</tr>
<tr>
<td>Retired</td>
<td>5.5%</td>
</tr>
</tbody>
</table>
Humboldt County:
Routine Check-up in Past 4 Years
by Insurance Status (n= 664)

- No Insurance: 61.0%
- Medi-Cal: 94.3%
- Private: 90.3%
Humboldt County:
Screening for Diabetes in Past 5 Years by Insurance Status (age >45) (n =386)

Analysis excludes respondents who indicated they had a diagnosis of diabetes
Humboldt County:
Screening for Diabetes in Past 5 Years by Income Status (age >45) \((n = 409)\)

Analysis excludes respondents who indicated they had a diagnosis of diabetes
Humboldt County: Recommended Colorectal Cancer Screening* by Insurance Status (age 50-64) (n = 304)

*Colonoscopy/Sigmoidoscopy in past 10 years or Fecal Occult Blood Test in past year
Humboldt County: Recommended Colorectal Cancer Screening* by Income Status (age 50-64) ($n = 289$)

*Colonoscopy/Sigmoidoscopy in past 10 years or Fecal Occult Blood Test in past year
Humboldt County: Mammogram in Past 2 years by Income Status (women age 40-64) (n = 287)

Income Status of Respondent

- Low-Income (<200% FPL): 49.5%
- Non Low-Income (≥200% FPL): 76.4%
Humboldt County:
Pap Test in Past 5 Years by Income Status (women age 18-64) \((n = 404)\)
Humboldt County: Teeth Cleaned in Past 2 Years by Income Status

\( (n = 714) \)

<table>
<thead>
<tr>
<th>Income Status of Respondents</th>
<th>Percent Cleaned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low-Income (&lt;200% FPL)</td>
<td>63.1%</td>
</tr>
<tr>
<td>Non Low-Income (≥200% FPL)</td>
<td>84.9%</td>
</tr>
</tbody>
</table>
This research was funded by a grant from The California Endowment