

County Oral health Wisconsin Surveillance System (COWSS)

Barron County

| Demographics by Age | 0-17 | 18-64 | 65+ | County Total |
|--|-------------------|--------------|------------|---------------------|
| Population, 2010 | 10,150 | 27,372 | 8,348 | 45,870 |
| Percent (90% CI [†]) below poverty, 2010 | 22.0 (17.3, 26.7) | - | - | 13.6 (11.1, 16.1) |
| Percent (90% CI) of adults age 25 and over with a bachelor's degree or higher, 2006-2010 | - | - | - | 17.6 (16.6, 18.6) |
| Unemployment rate, June 2011 | - | - | - | 8.0 |

[†] Confidence Interval

| Medicaid/BadgerCare+ by Age, All | 0-2 | 3-18 | 19-64 | 65+ | County Total |
|--|------------|-------------|--------------|------------|---------------------|
| Percent of population enrolled in Medicaid/BadgerCare+, SFY10 [‡] | 65.4 | 45.7 | 19.7 | 14.6 | 25.5 |
| Percent of Medicaid/BadgerCare+ members with a dental service, SFY10 | 5.8 | 47.4 | 34.4 | 32.9 | 36.3 |

[‡] State Fiscal Year

| Medicaid/BadgerCare+ by Age, Continuously Enrolled | 0-2 | 3-18 | 19-64 | 65+ | County Total |
|--|------------|-------------|--------------|------------|---------------------|
| Percent of population enrolled in Medicaid/BadgerCare+, SFY10 | 37.8 | 35.6 | 13.2 | 10.7 | 18.1 |
| Percent of Medicaid/BadgerCare+ members with a dental service, SFY10 | 9.2 | 55.1 | 43.2 | 38.1 | 44.8 |

Prevention

| | |
|---|-------------------|
| Percent of total population on a public water supply (PWS), 2011 | 44.8 |
| Percent of population on a PWS with access to optimally fluoridated water, 2011 | 40.6 |
| Percent of total population (all water sources) with access to optimally fluoridated water, 2011 | 18.2 |
| Total number of schools with grades second through sixth, 2010-11 | 20 |
| Number of schools with fluoride mouth rinse programs, 2010-11 | 4 |
| Number of schools eligible for Seal-A-Smile funding, 2010-11 | 18 |
| Number of schools funded by Seal-A-Smile program, 2010-11 | 12 |
| Total number of schools with a dental sealant program, 2010-11 | 15 |
| Total number of schools with a fluoride varnish program, 2010-11 | 15 |
| Percent (95% CI) of third grade students with dental sealants, 2007-08 | 61.0 (57.7, 64.4) |
| Number of children served by fluoride supplement program, 2010-11 | 0 |
| Number of Medicaid/BadgerCare+ children (age 0 to 8) with at least one fluoride varnish application by a dental provider, SFY10 | 772 |
| Number of Medicaid/BadgerCare+ children (age 0 to 8) with at least one fluoride varnish application by a primary care provider, SFY10 | 5 |

Workforce

| | |
|--|----|
| Number of licensed dentists, 2011 | 29 |
| Number of licensed dental hygienists, 2011 | 41 |

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Workforce

| | |
|--|---|
| Population to dentist ratio | 1,582 |
| Medicaid/BadgerCare+ population (continuously enrolled) to dentist ratio | 286 |
| Number of Medicaid dentists who treated at least one Medicaid/BadgerCare+ patient, SFY10 | 16 |
| Less than 50 patients | 8 |
| 50 to 100 patients | 2 |
| Over 100 patients | 6 |
| Number of Federally Qualified Health Centers (FQHC) dental clinics | 1 |
| Number of Tribal Health Center Dental Clinics | 0 |
| Number of safety net dental clinics (Non-FQHC) | 1 |
| Dental Health Professional Shortage Areas (HPSA) | Whole County Wisconsin Dental HPSA Map |

Disease Burden

| | |
|---|-------------------|
| Number of deaths from oral/pharyngeal cancer, 2003-2007 | 7 |
| Age adjusted mortality rate per 100,000 (95% CI) from oral/pharyngeal cancer, 2003-2007 | 2.4 (0.9, 5.1) |
| Number of new cases of oral/pharyngeal cancer, 2004-2008 | 23 |
| Age adjusted incidence rate per 100,000 (95% CI) of oral/pharyngeal cancer, 2004-2008 | 7.9 (4.9, 12.1) |
| Percent (95% CI) of adults with a dental visit in the past year, 2006, 2008, & 2010 | 73.8 (65.1, 82.5) |
| Percent (95% CI) of adults with tooth loss due to decay or gum disease, 2006, 2008, & 2010 | 45.3 (34.5, 56.1) |
| Number of patient visits to a hospital emergency department for non-traumatic dental complaints, 2010 | 292 |
| Mean charge per visit to hospital emergency department for non-traumatic dental complaints, 2010 | \$287 |

* Counts less than six were suppressed to protect confidentiality. In these cases regional mortality and/or incidence rates are presented.

** Counts less than ten were suppressed to protect confidentiality. These counties are border counties with hospitals in another state and those data are not available.

