

# County Oral health Wisconsin Surveillance System (COWSS)

## Columbia County

Demographics by Age	0-17	18-64	65+	County Total
Population, 2010	13,267	35,272	8,294	56,833
Percent (90% CI <sup>+</sup> ) below poverty, 2010	13.6 (10.6, 16.6)	-	-	9.5 (7.6, 11.4)
Percent (90% CI) of adults age 25 and over with a bachelor's degree or higher, 2006-2010	-	-	-	19.9 (18.9, 20.9)
Unemployment rate, June 2011	-	-	-	7.9

<sup>+</sup>Confidence Interval

Medicaid/BadgerCare+ by Age, All	0-2	3-18	19-64	65+	County Total
Percent of population enrolled in Medicaid/BadgerCare+, SFY10 <sup>‡</sup>	39.9	27.3	11.3	8.2	15.2
Percent of Medicaid/BadgerCare+ members with a dental service, SFY10	6.4	33.3	19.7	18.2	23.5

<sup>‡</sup>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	21.2	19.3	7.0	5.4	9.8
Percent of Medicaid/BadgerCare+ members with a dental service, SFY10	9.7	42.2	26.4	22.5	31.3

## Prevention

Percent of total population on a public water supply (PWS), 2011	58.1
Percent of population on a PWS with access to optimally fluoridated water, 2011	85.6
Percent of total population (all water sources) with access to optimally fluoridated water, 2011	49.7
Total number of schools with grades second through sixth, 2010-11	26
Number of schools with fluoride mouth rinse programs, 2010-11	0
Number of schools eligible for Seal-A-Smile funding, 2010-11	6
Number of schools funded by Seal-A-Smile program, 2010-11	0
Total number of schools with a dental sealant program, 2010-11	1
Total number of schools with a fluoride varnish program, 2010-11	1
Percent (95% CI) of third grade students with dental sealants, 2007-08	54.3 (50.9, 57.6)
Number of children served by fluoride supplement program, 2010-11	300
Number of Medicaid/BadgerCare+ children (age 0 to 8) with at least one fluoride varnish application by a dental provider, SFY10	430
Number of Medicaid/BadgerCare+ children (age 0 to 8) with at least one fluoride varnish application by a primary care provider, SFY10	38

## Workforce

Number of licensed dentists, 2011	21
Number of licensed dental hygienists, 2011	57

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## Workforce

Population to dentist ratio	2,706
Medicaid/BadgerCare+ population (continuously enrolled) to dentist ratio	266
Number of Medicaid dentists who treated at least one Medicaid/BadgerCare+ patient, SFY10	7
Less than 50 patients	2
50 to 100 patients	1
Over 100 patients	4
Number of Federally Qualified Health Centers (FQHC) dental clinics	0
Number of Tribal Health Center Dental Clinics	0
Number of safety net dental clinics (Non-FQHC)	0
Dental Health Professional Shortage Areas (HPSA)	None <a href="#">Wisconsin Dental HPSA Map</a>

## Disease Burden

Number of deaths from oral/pharyngeal cancer, 2003-2007	14
Age adjusted mortality rate per 100,000 (95% CI) from oral/pharyngeal cancer, 2003-2007	4.4 (2.4, 7.4)
Number of new cases of oral/pharyngeal cancer, 2004-2008	47
Age adjusted incidence rate per 100,000 (95% CI) of oral/pharyngeal cancer, 2004-2008	14.4 (10.6, 19.2)
Percent (95% CI) of adults with a dental visit in the past year, 2006, 2008, & 2010	64.9 (54.2, 75.6)
Percent (95% CI) of adults with tooth loss due to decay or gum disease, 2006, 2008, & 2010	43.3 (33.0, 53.6)
Number of patient visits to a hospital emergency department for non-traumatic dental complaints, 2010	235
Mean charge per visit to hospital emergency department for non-traumatic dental complaints, 2010	\$450

\* 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.

