

Oregon Oral Health Surveillance System 2002-2013



Oregon
Health
Authority

PUBLIC HEALTH DIVISION
Center for Prevention & Health Promotion
Oral Health Program

Oregon Oral Health Surveillance System 2002-2013

No survey conducted this year
 Question was not asked this year
 Data not yet available

Description of Indicator	Source/ Frequency of Data Availability	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Pregnant women														
Women with a dental visit during pregnancy	PRAMS ¹ Annual	47.1%	47.5%	43.1%	43.9%	43.9%	48.8%	51.5%	53.5%	51.1%	55.2%	Available May 2015	Available May 2016	
Women who received information on dental care during pregnancy from a provider		45.5%	45.3%	41.5%	43.8%	46.1%	48.5%	51.3%	53.2%	55.4%	57.6%			
Women who did not receive information on dental care during pregnancy from a provider		54.5%	54.7%	58.5%	56.2%	53.9%	51.5%	48.7%	46.8%	44.6%	42.4%			
Women who had their teeth cleaned within the previous year		47.9%	49.1%	45.2%	46.5%	46.0%	50.8%	49.7%			53.2%			
Women who received advice on infant tooth decay		29.0%	31.6%	32.4%	30.2%	32.0%	33.0%	34.4%	32.3%	33.5%	33.3%			
Toddlers														
Toddlers with a dental visit	PRAMS-2 ² Annual	Question first asked in 2006					17.2%	22.2%	24.6%	28.5%	22.1%	24.4%	Available Dec 2014	Available Dec 2015
Toddlers who received fluoride drops or tablets		Question first asked in 2006					42.7%	40.0%	35.6%	37.9%	39.7%	38.4%		
Toddlers use of a baby bottle in bed		Question first asked in 2006					13.1%	11.9%	13.1%	18.5%	Question changed in 2010			
Toddlers using a baby bottle or sippy cup in bed		Question first asked in 2010									25.9%	23.9%	Available Dec 2014	Available Dec 2015
Toddlers using a baby bottle filled with other than water (night or day)		Question first asked in 2006					64.5%	72.5%	72.6%	72.4%	Question changed in 2010			
Toddlers using a baby bottle filled with other than water (night)		Question first asked in 2010									32.1%	41.0%	Available Dec 2014	Available Dec 2015

1 Pregnancy Risk Assessment Monitoring System (PRAMS): an annual survey of postpartum women. Data from 2012 births will be delayed because of CDC technical problems.

2 PRAMS-2: began in 2006, a follow-up survey of PRAMS respondents when child turns two year old.

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Description of Indicator	Source/ Frequency of Data Availability	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Elementary school children														
Children aged 6-9 years with cavities (treated and untreated, all teeth)	Smile Survey ³ Every 5 Years	57.3%					63.7%					52.0%		
Children aged 6-9 years with untreated decay (all teeth)		23.9%					35.5%					19.9%		
Children aged 6-9 years in need of urgent dental care		2.7%					4.1%					3.0%		
Children aged 6-9 years with no dental visit in the previous year		19.7%					27.0%							
Children aged 6-9 years with sealants on at least one permanent molar		32.3%					29.7%					38.1%		
Children and adolescents														
Children (aged 1-17) with one or more oral health problems in past 6 months (broken teeth, bleeding gums, toothache, and decayed teeth or cavities)	NSCH ⁴	Question first asked in 2007					30.0%	Question changed in 2012						
Children (age 1-17 years) with one or more oral health problems in past 12 months (toothache, decayed teeth, unfilled cavities)	Every 5 Years	Question first asked in 2012										20.7%		
Adolescents - 8th grade														
8th graders who saw a dentist or dental hygienist in the previous year	OHT ⁵ Every Other Year Since 2009 (Odd Years)	65.3%	68.9%	71.7%	69.9%	67.4%		69.7%			72.2%		72.8%	
8th graders who have had one or more cavities ever		Question first asked in 2004		69.1%	72.3%	72.4%		71.7%			71.4%		70.1%	
8th graders who brush their teeth daily		Question first asked in 2004		96.1%	95.9%	95.9%					94.7%		95.5%	
8th graders using spit (chewing) tobacco, snuff, or dip in previous month		1.7%	2.6%	2.7%	3.0%	3.0%	4.0%	3.4%	4.1%		4.0%		1.9%	
8th graders with mouth injury from any sports ever (organized or recreational)		Question first asked in 2008						26.9%			21.8%		21.4%	
8th graders with oral piercing (tongue, lip, cheek, tooth, etc)		Question first asked in 2011										4.6%		3.9%
8th graders who missed ≥ 1 hour of school due to dental problems		Question first asked in 2011										8.1%		10.3%

³ Smile Survey: a screening survey, conducted every 5 years by the Oral Health Program among children aged 6-9 years old.

⁵ Oregon Healthy Teens Survey: a survey of 8th and 11th graders.

⁴ National Survey of Children's Health (NSCH).

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Description of Indicator	Source/ Frequency of Data Availability	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Adolescents - 11th grade														
11th graders who saw a dentist or dental hygienist in the previous year	OHT ⁵ Every Other Year Since 2009 (Odd Years)	77.2%	75.4%	75.3%	74.3%	72.8%	72.4%				72.2%		74.5%	
11th graders who have had one or more cavities ever		Question first asked in 2004		72.6%	74.2%	73.2%	74.3%				76.4%		74.0%	
11th graders who brush their teeth daily		Question first asked in 2004		96.7%	97.1%	96.0%	95.3%				96.0%		96.0%	
11th graders using spit (chewing) tobacco, snuff, or dip in previous month		6.7%	5.7%	6.5%	7.5%	5.6%	8.3%	7.8%	7.4%		7.0%		5.7%	
11th grade males using spit (chewing) tobacco, snuff, or dip in previous month (one or more days in the past 30 days)		12.5%		10.6%	13.1%	10.2%	13.9%	13.6%	12.0%		11.5%		9.6%	
11th graders with mouth injury from organized or recreational sports ever		Question first asked in 2011										11.1%		16.1%
11th graders with oral piercing (tongue, lip, cheek, tooth, etc)		Question first asked in 2011										5.3%		4.6%
11th graders who missed ≥ 1 hour of school due to dental problems		Question first asked in 2011										7.9%		9.6%

5 Oregon Healthy Teens Survey: a survey of 8th and 11th graders.

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Description of Indicator	Source/ Frequency of Data Availability	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Adults														
Adults aged ≥ 18 years with a dental visit in the previous year for any reason	BRFSS ⁶ Annual	67.7%		67.1%	66.4%	67.4%		70.4%		63.8%	Available Sep 2015	Available Sep 2016	Available Sep 2017	
Adults aged ≥ 18 years with no permanent tooth loss		56.3%		59.5%	60.3%	59.1%		60.8%		58.5%				
Adults aged ≥18 years with one or more tooth loss		43.2%		40.5%		40.9%		39.2%		41.5%				
Adults aged ≥18 years who are edentulous (have no teeth)		5.9%		4.8%	5.1%	4.9%		4.5%		5.1%				
Adults aged > 65 years who are edentulous (have no teeth)		18.8%		17.8%	16.4%	16.9%		16.0%		17.7%				
Adults aged ≥ 18 years who had a teeth cleaning within the previous year		67.7%		66.0%	65.0%	65.9%		70.0%		62.0%				
Adults aged ≥ 18 years with diabetes who had dental visit in previous year		Question first asked in 2011										Available Sep 2015	Available Sep 2016	Available Sep 2017
Adults aged ≥ 18 years with diabetes who could not visit the dentist for any reason		Question first asked in 2011												
Adult smokers or chewers aged ≥ 18 years who were advised by a dentist to quit		Question first asked in 2011												
Medicaid														
Children (aged ≤ 20 years) on Medicaid with a dental visit for any reason	DMAP ⁷ CMS ⁸ Annual	31.1%	25.9%	20.8%	29.0%	31.0%	31.5%	32.8%	35.0%	39.5%	42.4%	42.7%	42.3%	
Children (aged ≤ 20 years) on Medicaid who had their teeth cleaned		18.2%	16.5%		9.70%	12.0%	27.1%	27.7%	31.3%	33.0%	35.8%	40.0%	36.2%	
Adults on Medicaid with a dental visit for any reason		28.5%	18.6%	19.3%	28.4%	29.9%	29.6%	28.7%	30.1%	27.0%	26.7%	25.3%	24.3%	
Children aged 6-9 years on Medicaid with dental sealants on permanent molars		Reporting began in 2010									14.5%	15.4%	14.8%	15.6%

⁶ Behavioral Risk Factor Surveillance System (BRFSS): an annual survey of adult risk behaviors in Oregon.

⁷ Oregon Division of Medical Assistance Programs (DMAP).

⁸ Centers for Medicare & Medicaid Services (CMS).

⁵ Oregon Healthy Teens Survey: a survey of 8th and 11th graders.

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Description of Indicator	Source/ Frequency of Data Availability	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Workforce													
Number licensed dentists in Oregon	OBD ⁹ OHPP ¹⁰ Annual	Reporting began in 2004	2,526	2,599	2,659	2,738	2,786	3,306	3,697	3,655	3,750	3,754	
<i># with Oregon working address</i>		Reporting began in 2004	2,232	2,305	2,339	2,411	2,485	◆	2,559	2,335	2,686	2,682	
<i>Population-to-Practitioner Ratio</i>		Reporting began in 2010							◆	1,949	1,652	1,446	1,461
Number licensed pediatric dentists in Oregon		Reporting began in 2004	74	79	81	86	93	◆	134	144	155	158	
<i># with Oregon working address</i>		Reporting began in 2004	65	71	74	78	85	◆	88	91	102	106	
Number licensed dental hygienists in Oregon		Reporting began in 2004	2,503	2,550	2,649	2,730	2,844	3,374	3,777	3,467	4,035	4,150	
<i># with Oregon working address</i>		Reporting began in 2004	1,817	1,826	1,856	1,918	2,057	◆	2,369	2,371	2,522	2,579	
<i>Population-to-Practitioner Ratio</i>		Reporting began in 2010							◆	1,641	1,627	1,540	1,520
Number expanded practice hygienists		Reporting began in 2006		69	66	67	84	◆	115	264	317	367	
Cancer													
Oral/pharyngeal (throat) cancer incidence rate per 100,000 adults of all ages (age-adjusted)	OSCaR ¹¹ Annual	10.9	11.1	11.1	9.8	10.6	10.9	10.5	10.8	9.5	Available June 2014	Available June 2015	Available June 2016
Oral/pharyngeal (throat) cancer incidence rate per 100,000 adults aged ≥ 20 years (age-adjusted)		15.6	15.8	16.3	14.2	14.7	15.3	14.7	15.3	13.5			
Percentage of oral/pharyngeal (throat) cancers incidence diagnosed at early stage among adults aged ≥ 20 years (early stage includes in-situ and local stage)		48.6%	51.2%	40.3%	39.6%	39.7%	35.5%	35.4%	34.5%	37.1%			
Number of deaths from oral and pharyngeal cancer ¹²		98	93	94	110	95	94	104	103	98			
Death rate per 100,000 people from oral and pharyngeal cancers (age-adjusted)		2.7	2.5	2.5	2.8	2.3	2.2	2.5	2.3	2.1			

⁹ Oregon Board of Dentistry.

¹⁰ Oregon Health Profession Profiles.

¹¹ Oregon State Cancer Registry (OSCaR).

¹² Oregon Vital Statistics from Center for Health Statistics.

◆: Board of Registry did not report and can no longer access data set from this year

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Description of Indicator	Source/ Frequency of Data Availability	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Cleft lip/palate														
Percent of newborns with cleft lip or palate	Vital Statistics ¹³ Annual	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	Reporting changed in 2008						
Number of newborns with cleft lip or palate		71	51	52	50	50	68							
Percent of newborns with cleft lip with or without cleft palate		Reporting began in 2008							<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Number of newborns with or without cleft palate		Reporting began in 2008							42	36	40	47	38	34
Percent of newborns with cleft palate alone		Reporting began in 2008							<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Number of newborns with cleft palate alone		Reporting began in 2008							16	11	20	19	14	14
Water Fluoridation														
Population using optimally fluoridated water systems	CDC ¹⁴ Every Other Year (Even Years)	19.4%	<input type="checkbox"/>	18.8%	<input type="checkbox"/>	27.4%	<input type="checkbox"/>	27.3%	<input type="checkbox"/>	22.6%	<input type="checkbox"/>	22.6%	<input type="checkbox"/>	

¹³ Oregon Vital Statistics from Center for Health Statistics.

¹⁴ Centers for Disease Control and Prevention (CDC).



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