

# Kansas Oral Health REPORT CARD 2021

State Score: 

The Kansas grade is compared to the nation's performance on 13 key oral health indicators. This report card illustrates the oral health challenges in our state. Kansans can work together to improve these grades and the oral health and overall health of all of our residents.

Indicator		Grade
<b>CHILDREN: ENROLLED IN MEDICAID</b>		
1	20% of ages 1-2 received a preventive dental care visit	F
2	50% of ages 3-4 received a preventive dental care visit	C
3	48% of ages 1-20 received a preventive dental care visit	C
4	20% of ages 6-14 received dental sealants on permanent molars	A
<b>CHILDREN: GENERAL POPULATION</b>		
5	80% of ages 1-17 received one or more dental visits last year	C
6	48% of third graders have caries experience (treated or untreated tooth decay)	C
7	36% of third graders have dental sealants on permanent molars	C
<b>ADULTS</b>		
8	68% of ages 18-64 visited the dentist in the last year	C
9	31% of ages 65+ have lost six or more teeth due to tooth decay or gum disease	C
10	14% of ages 65+ have lost all of their natural teeth due to tooth decay or gum disease	C
11	45% of pregnant women had their teeth cleaned during pregnancy	C
<b>GENERAL POPULATION</b>		
12	65% of Kansans have access to fluoridated water (natural or adjusted)	D
13	40% of needs were met in Dental Health Provider Shortage Areas	A

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## Comparison Chart

CHILDREN: Enrolled in Medicaid		Desired Trend	KS %	US %	Difference	Points	Grade
1	% of ages 1-2 received a preventive dental care visit	▲	19.7	26.2	28.3% ▼	0	F
2	% of ages 3-5 received a preventive dental care visit	▲	49.8	51.8	3.9% ▼	2	C
3	% of ages 1-20 received a preventive dental care visit	▲	47.5	48.1	1.3% ▼	2	C
4	% of ages 6-14 received dental sealants on permanent molars	▲	20.0	15.4	26.0% ▲	4	A
CHILDREN: General Population							
5	% of ages 1-17 received one or more dental visits last year	▲	80.1	80.2	0.1% ▼	2	C
6	% of third graders have treated or untreated tooth decay	▼	48.4	51.6	6.5% ▼	2	C
7	% of third graders have dental sealants on permanent molars	▲	35.7	38.2	6.8% ▼	2	C
ADULTS							
8	% of ages 18-64 visited the dentist in the last year	▲	67.9	66.5	2.1% ▲	2	C
9	% of ages 65+ have lost 6 or more teeth due to tooth decay or gum disease	▼	31.2	34.0	8.6% ▼	2	C
10	% of ages 65+ have lost all of their natural teeth due to tooth decay or gum disease	▼	14.4	13.4	7.2% ▲	2	C
11	% of pregnant women had teeth cleaned during pregnancy	▲	44.9	46.3	3.1% ▼	2	C
GENERAL POPULATION							
12	% of Kansans have access to fluoridated water (natural or adjusted)	▲	65.1	73.0	11.4% ▼	1	D
13	% of needs were met in Dental Health Provider Shortage Areas	▲	40.2	29.2	31.6% ▲	4	A
US COMPARISON						2	C

## Method

The 13 indicators were chosen based on the following characteristics:

- Recent data are available
- The indicator shows change over time
- The indicator increases awareness of the importance of oral health
- The indicator is meaningful for advocacy and education efforts
- The data examine demographic characteristics
- The indicator is tracked at the national level as well as state level for comparison

The data percentages were turned into number/letter scores by comparing the Kansas data to national data. This national comparison grade was determined using the percentage difference between the Kansas and US data percentages. The percentage difference formula was used to calculate the relative difference between Kansas' percentages and the national Percentages.

Based upon the desired trend of the indicator, the percentage difference is classified as either "better" or "worse" than the national average. The percentage difference was then converted into a numerical point value and letter grade in the table.

### Percentage Difference Formula

$$\frac{|V_1 - V_2|}{\left[ \frac{(V_1 + V_2)}{2} \right]}$$

X 100 = Percent difference of Kansas from National

V<sub>1</sub> = Kansas Percentage

V<sub>2</sub> = US Percentage

Grade	Points	Criteria
A	4	20%+ better than US
B	3	10.1 – 19.9% better than US
C	2	0 – 10% change from US
D	1	10.1 – 19.9% worse than US
F	0	20%+ worse than US

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## Sources

- 1, 2, 3, 4. **Kansas Source:** Centers for Medicare and Medicaid Services Annual EPSDT Participation Report – Form 416 (State), Fiscal Year 2018. Retrieved 1/24/2020, from <https://www.medicaid.gov/medicaid/benefits/epsdt/index.html>  
**US Source:** Centers for Medicare and Medicaid Services Annual EPSDT Participation Report – Form 416 (National), Fiscal Year 2018. Retrieved 1/24/2020, from <https://www.medicaid.gov/medicaid/benefits/epsdt/index.html>
5. **Kansas Source:** Data resource center for child health. (2017). Survey Results. Retrieved 5/31/2019, from <https://www.childhealthdata.org/browse/survey/results?q=6607&r=18>  
**US Source:** Data resource center for child health. (2017). Survey Results. Retrieved 5/31/2019, from <https://www.childhealthdata.org/browse/survey/results?q=6607&r=1>
6. **Kansas Source:** KDHE Bureau of Oral Health, Smiles Across Kansas 2012, p. 25. Retrieved 1/22/2021, from [https://www.kdheks.gov/ohi/download/Smiles\\_Across\\_Kansas\\_2012.pdf](https://www.kdheks.gov/ohi/download/Smiles_Across_Kansas_2012.pdf)  
**US Source:** Healthy People 2020 OH-1.2: Reduce the proportion of children aged 6 to 9 years with dental caries experience in their primary and permanent teeth, 2013-2016. Retrieved 1/27/2020, from <https://www.healthypeople.gov/2020/data/Chart/4993?category=1&by=Total&fips=-1>
7. **Kansas Source:** KDHE Bureau of Oral Health, Smiles Across Kansas 2012, p. 26. Retrieved 1/22/2021, from [https://www.kdheks.gov/ohi/download/Smiles\\_Across\\_Kansas\\_2012.pdf](https://www.kdheks.gov/ohi/download/Smiles_Across_Kansas_2012.pdf)  
**US Source:** Healthy People 2020 OH-12.2 Increase the proportion of children aged 6 to 9 years who have received dental sealants on one or more of their permanent first molar teeth, 2013-2016. Retrieved 1/27/2020, <https://www.healthypeople.gov/2020/data-search/Search-the-Data#topic-area=3511>
- 8, 9, 10. **Kansas Source:** Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Oral Health. Oral Health Data [online]. 2018. Retrieved 1/22/2021, from <https://www.cdc.gov/oralhealthdata/>  
**US Source:** Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Oral Health. Oral Health Data [online]. 2018. Retrieved 1/22/2021, from <https://www.cdc.gov/oralhealthdata/>
11. **Kansas Source:** Centers for Disease Control and Prevention, PRAMS Data [online]. 2017. Retrieved 1/29/2020 from [https://www.cdc.gov/prams/prams-data/mch-indicators.html?CDC\\_AA\\_refVal=https%3A%2F%2Fwww.cdc.gov%2Fprams%2Fpramstat%2Fmch-indicators.html](https://www.cdc.gov/prams/prams-data/mch-indicators.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fprams%2Fpramstat%2Fmch-indicators.html)  
**US Source:** Centers for Disease Control and Prevention, PRAMS Data [online]. 2017 Retrieved 1/22/2021, from [https://www.cdc.gov/prams/prams-data/mch-indicators.html?CDC\\_AA\\_refVal=https%3A%2F%2Fwww.cdc.gov%2Fprams%2Fpramstat%2F](https://www.cdc.gov/prams/prams-data/mch-indicators.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fprams%2Fpramstat%2F)
12. **Kansas Source:** Centers for Disease Control and Prevention. 2018 State Fluoridation Percentage Calculations. Retrieved 1/22/2021, from <https://www.cdc.gov/fluoridation/statistics/2018stats.htm>  
**US Source:** Centers for Disease Control and Prevention. 2018 National Water Fluoridation Statistics. Retrieved 1/22/2021, from <https://www.cdc.gov/fluoridation/statistics/2018stats.htm>
13. **Kansas Source:** Bureau of Health Workforce Health Resources and Services Administration (HRSA) U.S. Department of Health & Human Services. Designated HPSA Quarterly Summary as of December 31, 2020. Retrieved 1/25/2021, from <https://data.hrsa.gov/topics/health-workforce/shortage-areas>  
**US Source:** Bureau of Health Workforce Health Resources and Services Administration (HRSA) U.S. Department of Health & Human Services. Designated HPSA Quarterly Summary as of December 31, 2020. Retrieved 1/25/2021, from <https://data.hrsa.gov/topics/health-workforce/shortage-areas>

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