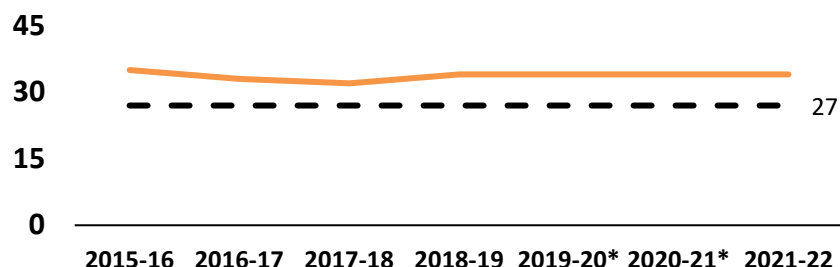


San Francisco Children's Oral Health Disparities

CavityFree SF Strategic Plan Indicators 2015-2022¹

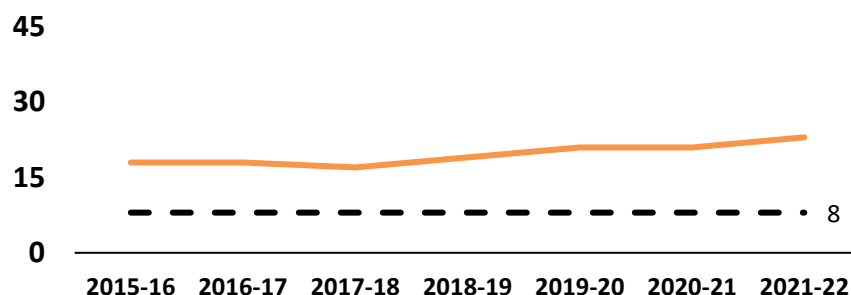
Percentage of Kindergartners with caries experience²



Strategic Plan Target #1:
Reduce the percentage of kindergartners with caries experience to **27%** by 2020

Status in 2021-22: 34%

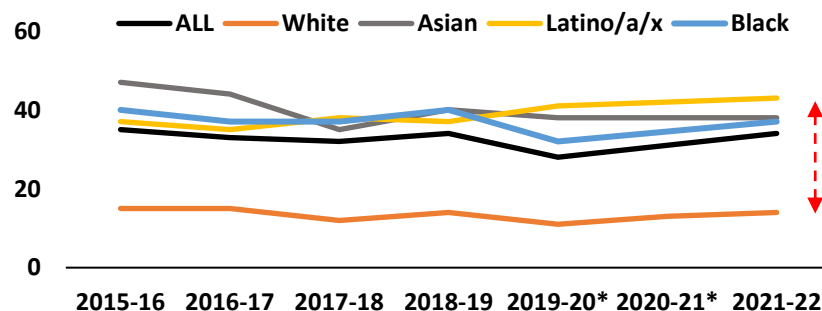
Percentage of Kindergartners with untreated tooth decay²



Strategic Plan Target #2:
Reduce the percentage of kindergartners with untreated dental decay to **8%** by 2020

Status in 2021-22: 23%

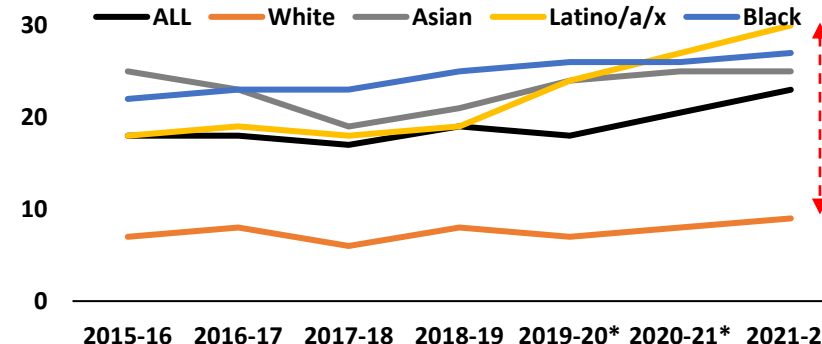
Gap in caries experience between race-ethnic groups



Strategic Plan Target #3:
Reduce each gap in caries experience between race-ethnic groups to less than **15 percentage points** by 2020

Status in 2021-22: Widest gap is 29 percentage points

Gap in untreated tooth decay between race-ethnic groups



Strategic Plan Target #4:
Reduce each gap in untreated dental decay between race-ethnic groups to less than **6 percentage points** by 2020

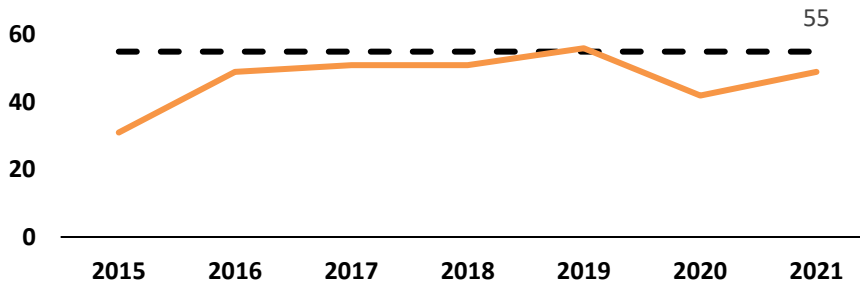
Status in 2021-22: Widest gap is 21 percentage points

*Spring screenings in 2019-20 and all screenings in 2020-21 were cancelled due to COVID-19.
Estimates for 2019-20 reflect partial data from Fall 2019, weighted using annual enrollment data.
Estimates for 2020-21 reflect the average of estimates for 2019-20 and 2021-22.

San Francisco Children's Oral Health Disparities

CavityFree SF Strategic Plan Indicators 2015-2022¹

Percentage of children on Medi-Cal under age 10 who had a preventive dental service in the past year³

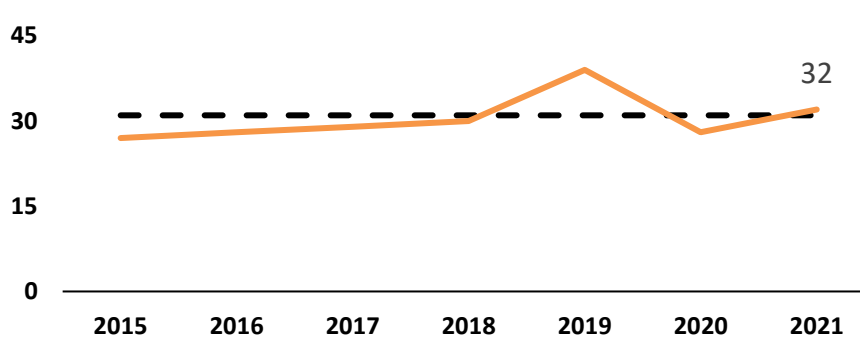


Strategic Plan Target #5:

Increase the percentage of children on Medi-Cal under age 10 who received any preventive dental service billed to Denti-Cal during the past year to **55%** by 2020

Status in 2021: **49%**

Percentage of children on Medi-Cal who saw a dental provider by age 2³

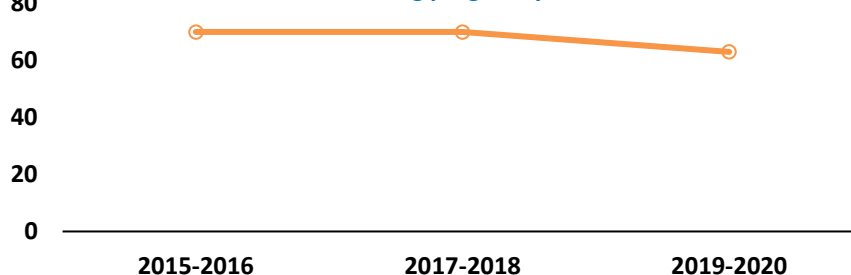


Strategic Plan Target #6:

Increase the percentage of children on Medi-Cal who have seen a dental provider by age 2 to **31%** by 2020

Status in 2021: **32%**

Percentage of women on Medi-Cal who had a dental visit during pregnancy⁴

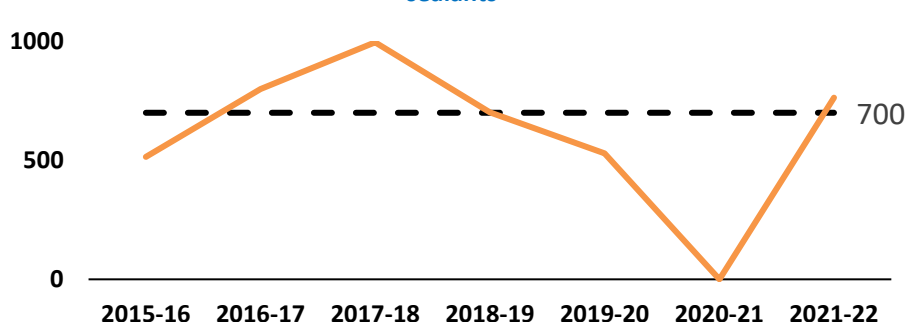


Strategic Plan Target #7:

Increase the percentage of women on Medi-Cal who had a dental visit during pregnancy by **10 percentage points** between 2016-2020

Status in 2019-2020: **63%**

Number of SFUSD 2nd and 5th graders who received dental sealants⁴



Strategic Plan Target #8:

Increase the number of low-income children in SFUSD ages 5-13 who received dental sealants on permanent molar teeth to **700** by 2020

Status in 2021-22: **763**

Strategic Plan Indicators #1 & #3

Percentage (95% Confidence Interval) of kindergarteners with caries experience ²							
	2015-16	2016-17	2017-18	2018-19	2019-20*	*	2021-22
Total	35 (34-36)	33 (32-34)	32 (31-33)	34 (33-35)	28 (27-33)	-	34 (32-36)
Race-ethnicity							
Asian	47 (44-50)	44 (41-47)	35 (33-37)	40 (37-43)	38 (33-43)	-	38 (35-41)
Black or African American	40 (33-47)	37 (29-45)	37 (31-43)	40 (33-47)	32 (20-45)	-	37 (30-44)
Latino/a/x	37 (34-40)	35 (32-38)	38 (34-42)	37 (34-40)	41 (35-47)	-	43 (40-46)
White	15 (12-18)	15 (12-18)	12 (10-14)	14 (11-17)	11 (7-15)	-	14 (11-17)

Strategic Plan Indicators #2 & #4

Percentage (95% Confidence Interval) of kindergarteners with untreated tooth decay ²							
	2015-16	2016-17	2017-18	2018-19	2019-20*	*	2021-22
Total	18 (17-19)	18 (17-19)	17 (16-18)	19 (18-20)	18 (16-21)	-	23 (21-24)
Race-ethnicity							
Asian	25 (22-28)	23 (20-26)	19 (17-21)	21 (19-23)	24 (20-29)	-	25 (22-28)
Black or African American	22 (16-28)	23 (16-30)	23 (18-28)	25 (18-32)	26 (14-39)	-	27 (20-34)
Latino/a/x	18 (16-20)	19 (17-21)	18 (15-21)	19 (16-22)	24 (19-29)	-	30 (27-33)
White	7 (5-9)	8 (6-10)	6 (4-8)	8 (6-10)	7 (3-11)	-	9 (6-12)

Strategic Plan Indicator #5

Percentage (95% Confidence Interval) of children on Medi-Cal under age 10 who had a preventive dental service ³							
Child age	2015	2016	2017	2018	2019	2020	2021
<1 Year	-	2 (2-3)	2 (2-2)	2 (2-2)	7 (6-7)	6 (5-7)	4 (3-5)
1-2 Years	18 (17-20)	37 (36-39)	39 (37-41)	38 (36-40)	48 (46-51)	35 (34-37)	41 (40-42)
3-5 Years	36 (35-37)	56 (55-57)	59 (57-60)	59 (57-60)	63 (61-64)	48 (47-49)	55 (54-56)
6-9 Years	42 (41-43)	60 (59-61)	62 (61-63)	63 (62-64)	63 (62-64)	47 (46-48)	55 (54-56)
<10 Years	31 (31-32)	49 (48-49)	51 (50-51)	51 (51-52)	56 (55-56)	42 (41-43)	49 (48-49)

Strategic Plan Indicator #6

Percentage (95% Confidence Interval) of children on Medi-Cal who saw a dental provider before age 2 ³							
Child age	2015	2016	2017	2018	2019	2020	2021
<2 Years	27 (26-28)	28 (27-29)	29 (28-30)	30 (29-31)	39 (38-40)	28 (27-29)	32 (30-33)

Strategic Plan Indicator #7

Percentage (95% Confidence Interval) of pregnant women on Medi-Cal who saw a dental provider ⁴			
Total	2015-16	2017-18	2019-20
	70 (65-75)	70 (65-76)	63 (57-68)

Strategic Plan Indicator #8

Number of children enrolled in 2nd or 5th grade in SFUSD schools who received dental sealants ⁴							
Child age	2015-16	2016-17	2017-18	2018-19	2019-20	*	2021-22
5-13 Years	514	800	996	701	530	-	763

*Incomplete screening data due to cancellation of oral health screenings in Spring 2020 and 2021 due to COVID-19.

Number of kindergarteners who participated in oral health screening²							
School year	2015-16	2016-17	2017-18	2018-19	2019-20	*	2021-22
Total	4,034	4,140	3,956	3,930	4,470	-	3101
Race-ethnicity							
Asian	1,032	857	1,610	1,171	1218	-	939
Black or African American	216	159	231	167	229	-	191
Latino/a/x	1,030	1,142	693	931	1210	-	909
White	557	589	688	680	838	-	480

Number of children under age 10 on Medi-Cal who were eligible for dental services³							
Calendar year	2015	2016	2017	2018	2019	2020	2021
Total	30,309	30,536	29,041	27,708	26,042	25,808	26,043
Child age							
<1 Year	2,758	2,739	2,618	2,344	1,971	2023	1878
1-2 Years	6,479	6,438	6,068	5,886	5,415	5025	4941
3-5 Years	9,002	9,179	8,757	8,394	8,179	8040	8173
6-9 Years	30,309	12,180	11,598	11,084	10,477	10720	11051

Key Findings for 2015-2022

- Trends are consistent with successful implementation of the CavityFree SF Strategic Plan, launched in 2014¹. Between 2016 and 2019, rates of preventive dental care for preschool age children increased significantly above 2015 rates and were on track to reduce kindergartner caries experience by 2019-20 (see SPI #5).
- Between 2019 and 2021, oral health screening and preventive care services were interrupted by the COVID-19 pandemic. Consistent with statewide and national trends, local access to dental care did not fully recover by 2022. Access to dental care was significantly lower in 2020 vs. 2019 for Denti-Cal eligible children ages 0-5 years in San Francisco.
- Based on available data, caries experience was significantly lower in 2019-20 than in 2015-16.
- Gains in children's oral health achieved by 2020 were lost during the pandemic. Untreated decay in kindergarteners was four percentage points higher in 2021-22 than in 2018-19.
- Disparities in caries experience widened by six percentage points for Latino/a/x Kindergarteners between 2018-19 and 2021-22.
- Trends warrant renewed implementation of the CavityFree SF Strategic Plan.

¹CavityFree SF Strategic Plan: <https://www.sfdph.org/dph/files/dentalSvcdocs/SanFranciscoChildrensOralHealthStrategicPlan2014-2020.pdf>

²San Francisco Unified School District--San Francisco Department of Public Health Dental Services. Kindergarten Oral Health Screening Program data excluding children who were absent on the date of screening, declined screening or did not self-report gender or race-ethnicity. Caries experience was defined as one or more decayed (untreated) or filled (treated) primary tooth. Untreated decay was defined as one or more primary tooth with untreated decay.

³California Department of Health Care Services, Dental Utilization Measures and Sealant Data by County and Age Calendar Year 2013 to 2021. Dental service utilization data for Medi-Cal members who were continuously enrolled in either Dental Managed Care or the Dental Fee-for-Service delivery system for at least 3 months during each measure year. Annual dental visits were defined as D0100-D9999. Preventive services were defined as D1000 - D1999.

⁴Dental sealants were offered to 2nd and 5th graders at schools where a majority of children qualify for free or reduced meals (as proxy for low-income).