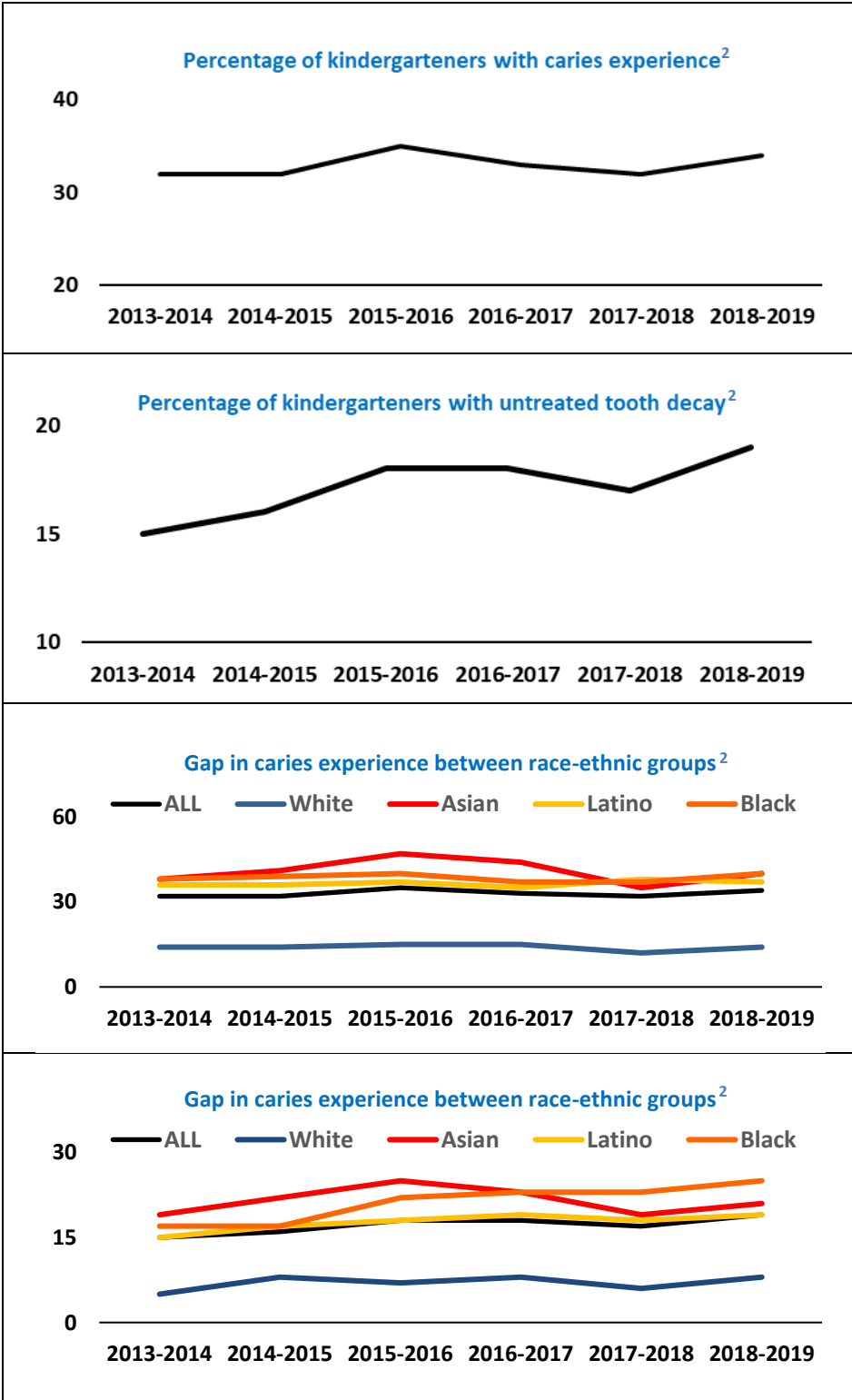


# San Francisco Children's Oral Health Disparities

## CavityFree SF Strategic Plan Indicators 2014-2020<sup>1</sup>




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

Status in 2018-19: **34%** 


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

Status in 2018-19: **19%** 

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

Status in 2018-19: **Widest gap is 26 percentage points** (see p.3) 

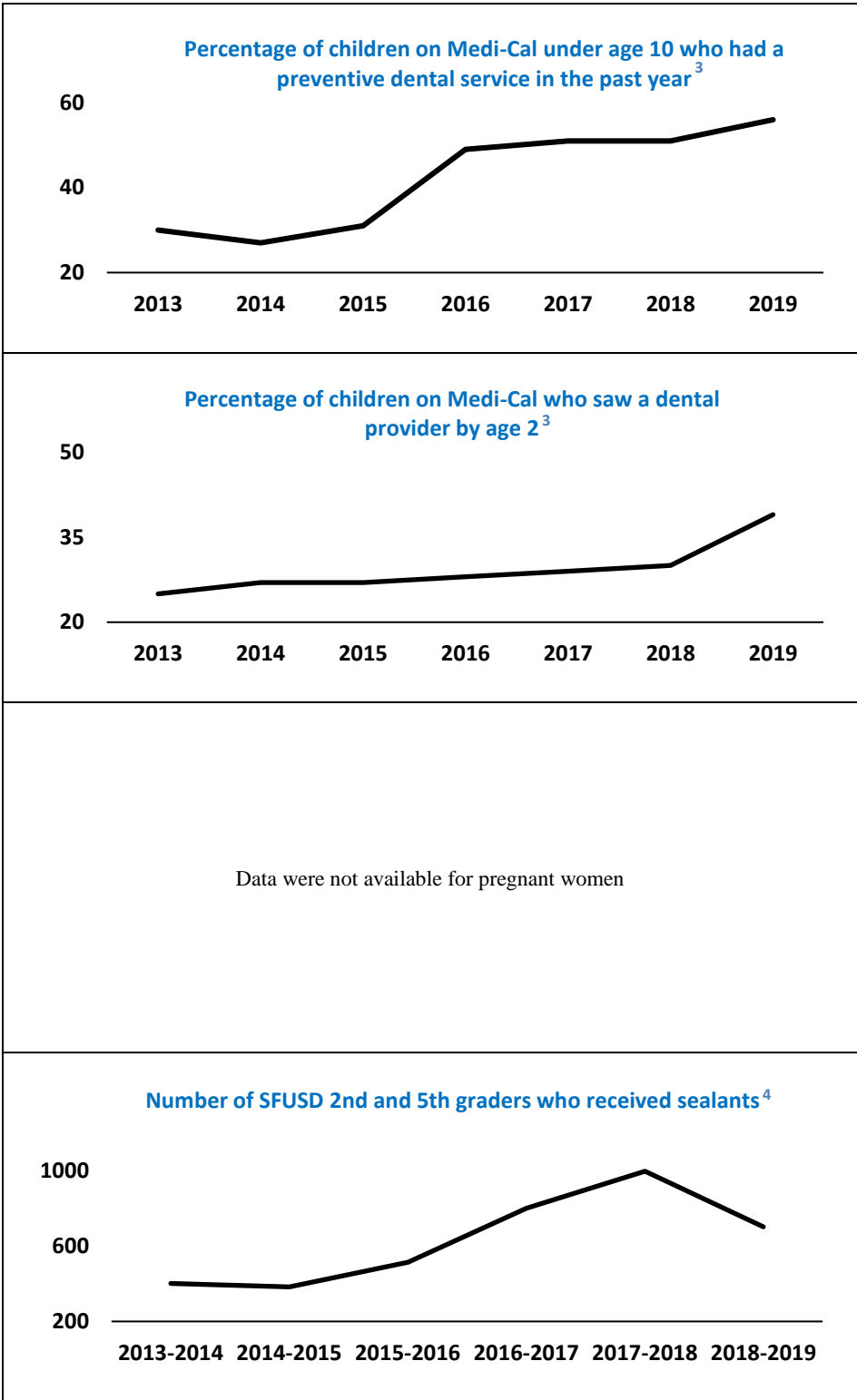
**Strategic Plan Target #4:**  
Reduce each gap in untreated dental decay between race-ethnic groups to less than **6 percentage points** by 2020

Status in 2018-19: **Widest gap is 17 percentage points** (see p.3) 

See Tables on pages 3 and 4 for details about each year.

# San Francisco Children's Oral Health Disparities

## CavityFree SF Strategic Plan Indicators 2014-2020<sup>1</sup>



**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 2019: 56% 

**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 2019: 39% 

**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: Unknown 

**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 2018-19: 701 

See Tables on pages 3 and 4 for details about each year.

### Strategic Plan Indicators #1 & #3

Percentage (95% Confidence Interval) of kindergarteners with caries experience <sup>2</sup>						
	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
<b>Total</b>	32 (31-33)	32 (31-33)	35 (34-36)	33 (32-34)	32 (31-33)	34 (33-35)
<b>Gender</b>						
Female	30 (28-32)	31 (29-33)	35 (33-37)	33 (31-35)	29 (27-31)	34 (32-36)
Male	34 (32-36)	33 (31-35)	35 (33-37)	34 (32-36)	35 (33-37)	33 (31-35)
<b>Race-ethnicity</b>						
Asian	38 (35-41)	41 (38-44)	47 (44-50)	44 (41-47)	35 (33-37)	40 (37-43)
Black or African American	38 (32-44)	39 (33-45)	40 (33-47)	37 (29-45)	37 (31-43)	40 (33-47)
Latino	36 (33-39)	36 (33-39)	37 (34-40)	35 (32-38)	38 (34-42)	37 (34-40)
White	14 (11-17)	14 (11-17)	15 (12-18)	15 (12-18)	12 (10-14)	14 (11-17)

### Strategic Plan Indicators #2 & #4

Percentage (95% Confidence Interval) of kindergarteners with untreated tooth decay <sup>2</sup>						
	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
<b>Total</b>	15 (14-16)	16 (15-17)	18 (17-19)	18 (17-19)	17 (16-18)	19 (18-20)
<b>Gender</b>						
Female	13 (12-14)	16 (14-18)	18 (16-20)	18 (16-20)	15 (13-17)	19 (17-21)
Male	16 (14-18)	17 (15-19)	18 (16-20)	18 (16-20)	18 (16-20)	19 (17-21)
<b>Race-ethnicity</b>						
Asian	19 (17-21)	22 (19-25)	25 (22-28)	23 (20-26)	19 (17-21)	21 (19-23)
Black or African American	17 (12-22)	17 (12-22)	22 (16-28)	23 (16-30)	23 (18-28)	25 (18-32)
Latino	15 (13-17)	17 (15-19)	18 (16-20)	19 (17-21)	18 (15-21)	19 (16-22)
White	5 (3-7)	8 (6-10)	7 (5-9)	8 (6-10)	6 (4-8)	8 (6-10)

### Strategic Plan Indicator #5

Percentage (95% Confidence Interval) of children on Medi-Cal under age 10 who had a preventive dental service <sup>3</sup>						
Child age	2014	2015	2016	2017	2018	2019
<10 Years	27 (27-28)	31 (31-32)	49 (48-49)	51 (50-51)	51 (51-52)	56 (55-56)
<1 Year	-	-	2 (2-3)	2 (2-2)	2 (2-2)	7 (6-7)
1-2 Years	-	18 (17-20)	37 (36-39)	39 (37-41)	38 (36-40)	48 (46-51)
3-5 Years	36 (35-37)	36 (35-37)	56 (55-57)	59 (57-60)	59 (57-60)	63 (61-64)
6-9 Years	42 (41-43)	42 (41-43)	60 (59-61)	62 (61-63)	63 (62-64)	63 (62-64)

### Strategic Plan Indicator #6

Percentage (95% Confidence Interval) of children on Medi-Cal who saw a dental provider by age 2 <sup>3</sup>						
Child age	2014	2015	2016	2017	2018	2019
<2 Years	27 (26-28)	27 (26-28)	28 (27-29)	29 (28-30)	30 (29-31)	39 (38-40)

### Strategic Plan Indicator #8

Number of children enrolled in 2nd or 5th grade in SFUSD schools who received dental sealants <sup>4</sup>						
Child age	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
5-13 Years	402	383	514	800	996	701

**Number of kindergarteners who participated in oral health screening<sup>2</sup>**

School year	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
<b>Total</b>	4,144	3,978	4,034	4,140	3,956	3,930
<b>Gender</b>						
Female	1,968	1,915	1,981	2,035	1,896	1,874
Male	2,176	2,063	2,053	2,094	2,060	2,055
<b>Race-ethnicity</b>						
Asian	1,242	1,000	1,032	857	1,610	1,171
Black or African American	250	225	216	159	231	167
Latino	1,187	1,097	1,030	1,142	693	931
White	690	624	557	589	688	680

**Number of children under age 10 on Medi-Cal who were eligible for dental services<sup>3</sup>**

Calendar year	2014	2015	2016	2017	2018	2019
<b>Total</b>	29,900	30,309	30,536	29,041	27,708	26,042
<b>Child age</b>						
<1 Year	2,918	2,758	2,739	2,618	2,344	1,971
1-2 Years	6,494	6,479	6,438	6,068	5,886	5,415
3-5 Years	8,757	9,002	9,179	8,757	8,394	8,179
6-9 Years	11,731	30,309	12,180	11,598	11,084	10,477

**Key Findings for 2014-2019**

- **No significant improvements in caries experience, untreated decay or oral health disparities were observed in Kindergarteners.**
- **The prevalence of untreated decay was significantly higher in 2018-2019 vs. 2014-2015.**
- **Effort is warranted to address gaps in oral health monitoring for pregnant women.**
- **Significant improvements were observed in access to preventive dental care for children younger than Kindergarten, which is consistent with the timing of the 2017-2020 SFDPH Dental Transformation Initiative, Local Dental Pilot Project.**
- **The improvements in preventive dental care set the stage for children who were toddlers and preschoolers in 2014-2019 to age into Kindergarten with reduced risk of tooth decay.**
- **Data for 2019-2020 were not available due to the COVID-19 pandemic. Potential for Kindergartener’s oral health measures to improve in 2020-2024 may be limited by the COVID-19 pandemic.**

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

<sup>2</sup>San 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.

<sup>3</sup>California Department of Health Care Services. 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. <https://data.chhs.ca.gov/dataset/test-dhcs-utilization-measures-and-sealant-data-by-county-calendar-year-2013-to-2015>. Preventive services were defined as ‘Use of Preventive Services (D1000 - D1999)’.

<sup>4</sup>Dental sealants were offered to 2<sup>nd</sup> and 5<sup>th</sup> graders at schools where a majority of children qualify for free or reduced meals (as proxy for low-income). The decrease in students receiving sealants in 2018-19 was due to loss of school-based oral health program support staff.

The San Francisco Department of Public Health regularly monitors health-related data to assess the health of women, infants, children and families to help guide program planning and policy development. San Francisco data tables are available at: <http://www.sfdph.org/dph/comupg/oprograms/MCH/Epi.asp>.

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