

North Dakota Oral Health Program Evaluation Data

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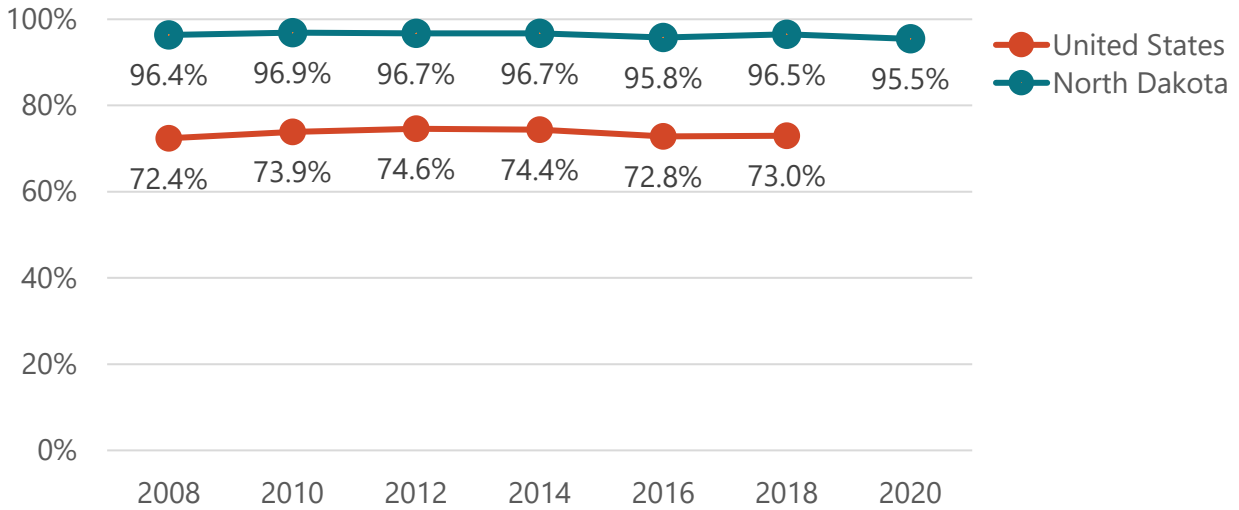
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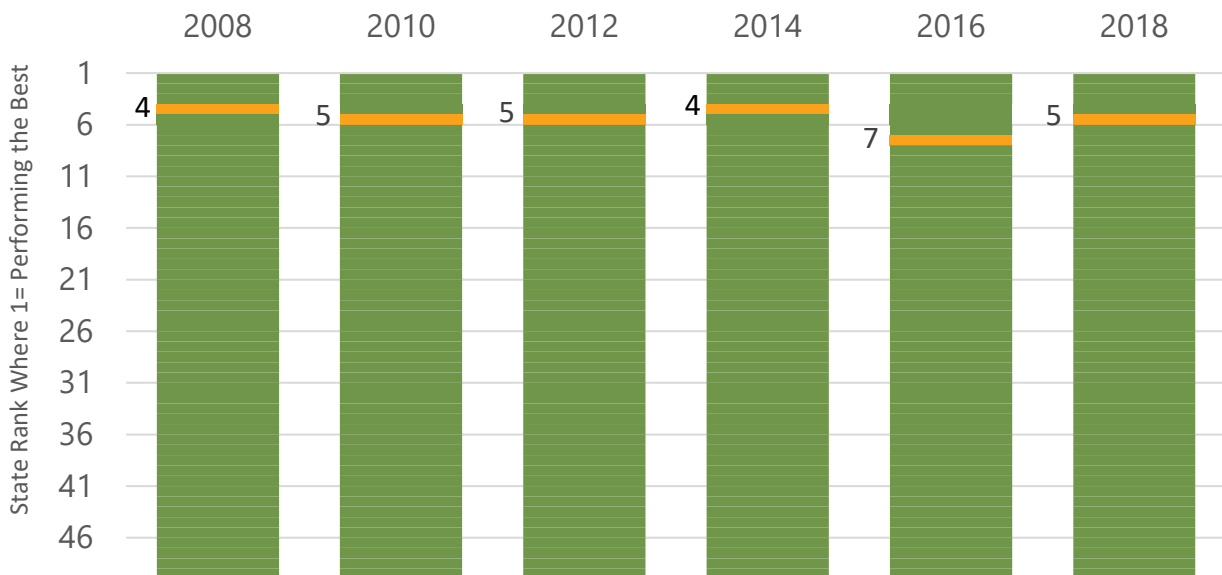
Community Water Fluoridation

Figure 1. Percentage of the Population Served by Community Water Systems Receiving Fluoridated Water



Data source: Centers for Disease Control and Prevention

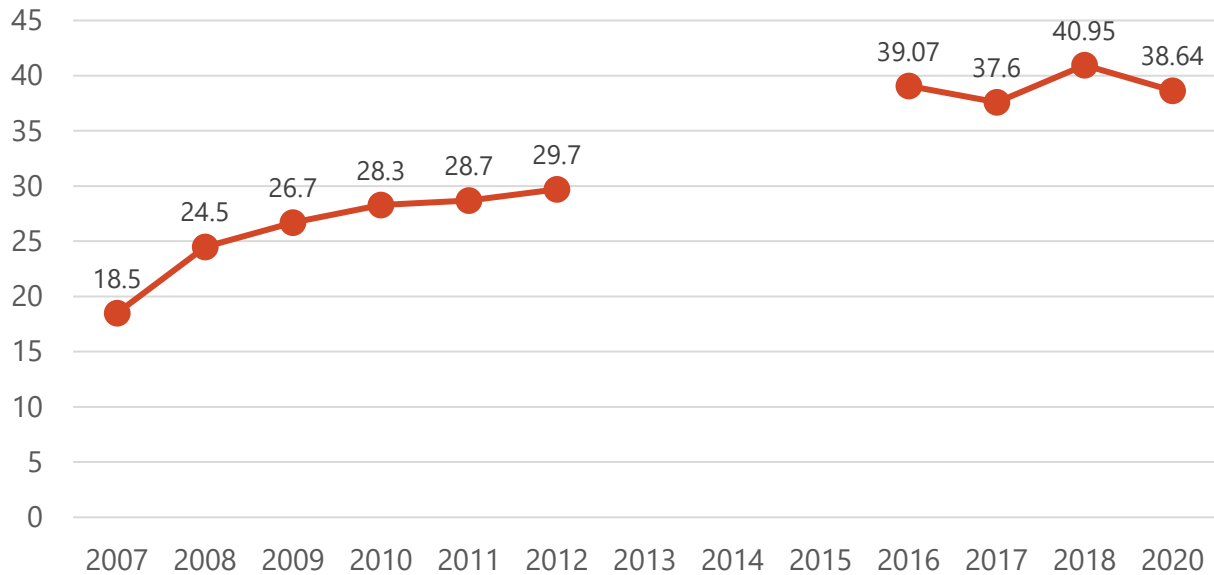
Figure 2. North Dakota's National Rank for the Percentage of the State's Population Served by Community Water Systems Receiving Fluoridated Water



Data source: Centers for Disease Control and Prevention

Dental Services in Federally Qualified Health Centers

Figure 3. Proportion of the Federally Qualified Health Center Patients Who Receive Oral Health Services Each Year, North Dakota



Data source: Health Resources and Services Administration (HRSA), Uniform Data Set (UDS)

Data note: Data for years 2013-2015 are not available

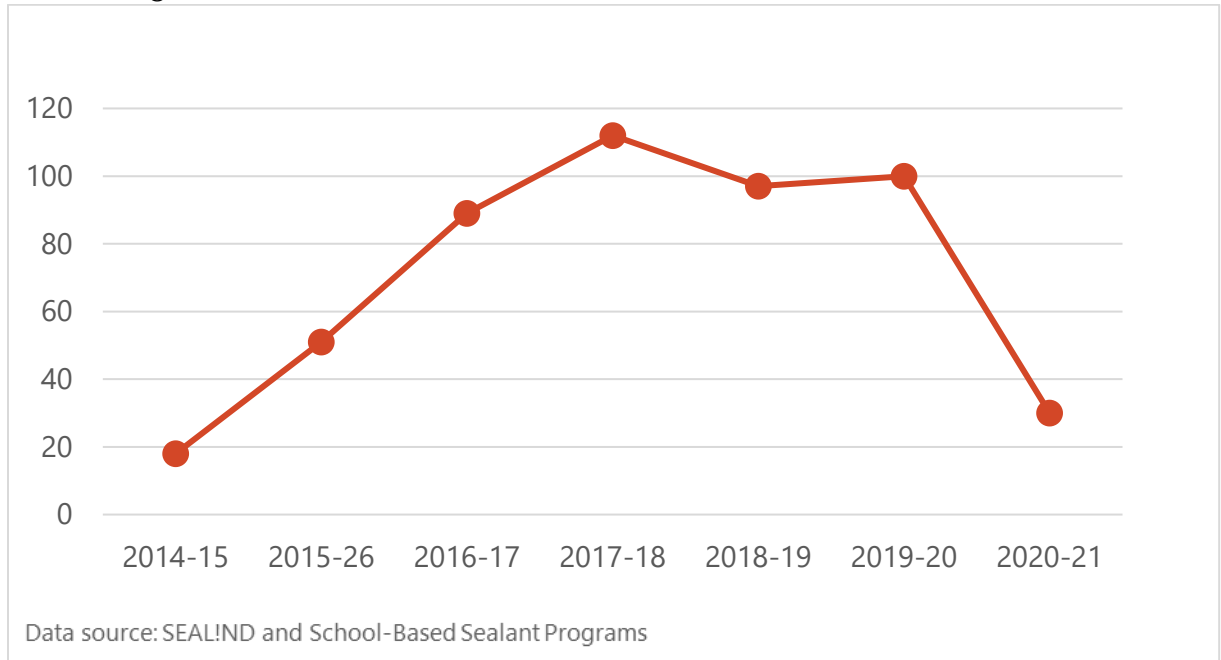
Table 1. Dental Services Provided by Dental Students Completing a Clinical Rotation at one North Dakota Federally Qualified Health (FQHC) Center

Year	# of Students	Restorative	Exams	Preventive	Endodontic	Extractions	# of Medical Assistance Patients	MA \$ Billed
2018	3	128	22	21	3	49	*	*
2019	4	358	86	62	3	68	394	\$61,035
2020	2	161	41	102	3	18	282	\$35,649
2021	3	220	19	203	0	31	208	\$23,409

* Specific data point not collected for that year

All North Dakota School-Based Dental Sealant Programs

Figure 4. Total Number of North Dakota Schools Participating in any School-based Sealant Program



*Data note: Years 2020 and/or 2021 show the data in response to the pandemic

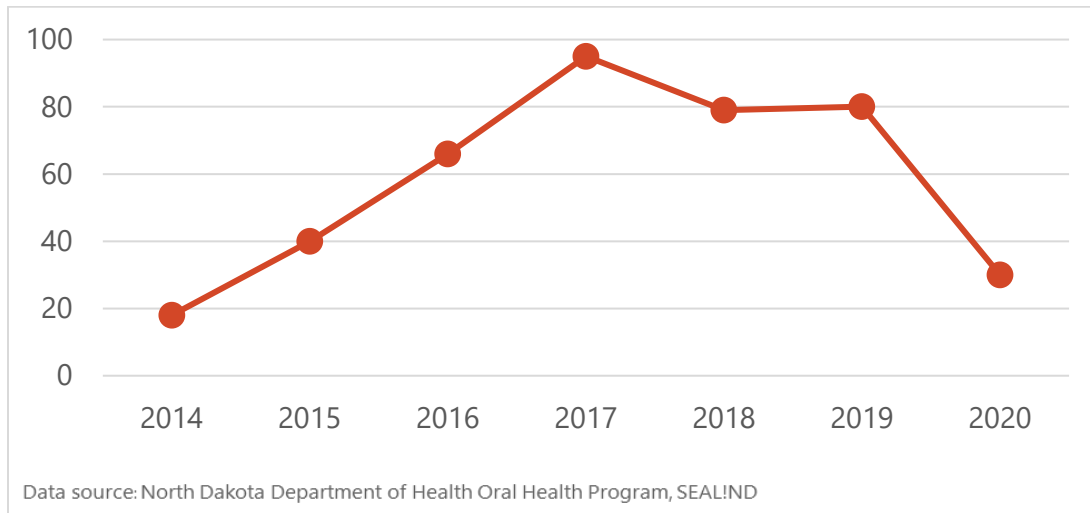
Table 2. Number of Schools in North Dakota with a School-Based Dental Sealant Program by Provider and School Year (Qualifying and Non-Qualifying Schools)

School Year		14-15	15-16	16-17	17-18	18-19	19-20	20-21
SEALIND	Private practice providers	0	0	12	49	32	37	12
	Community Health Centers*	0	8	13	17	17	24	0
	OHP Public Health Hygienist	18	32	41	29	30	19	18
Ronald McDonald Care Mobile		0	12	24	18	18	20	0
TOTAL Schools		18	52	90	113	97	100	30

* This total includes FQHCs and tribal health services provided by Spirit Lake Health Center

SEAL!ND: All Schools Served by One School-Based Dental Sealant Program

Figure 5. Number of Schools that participated in SEAL!ND and had a dental screen [Qualifying and non-qualifying schools]



*Data note: Years 2020 and/or 2021 show the data in response to the pandemic

Figure 6. Number of New Dental Sealants Placed for Students that Participated in the SEAL!ND Program from either a Qualifying or Non-Qualifying School

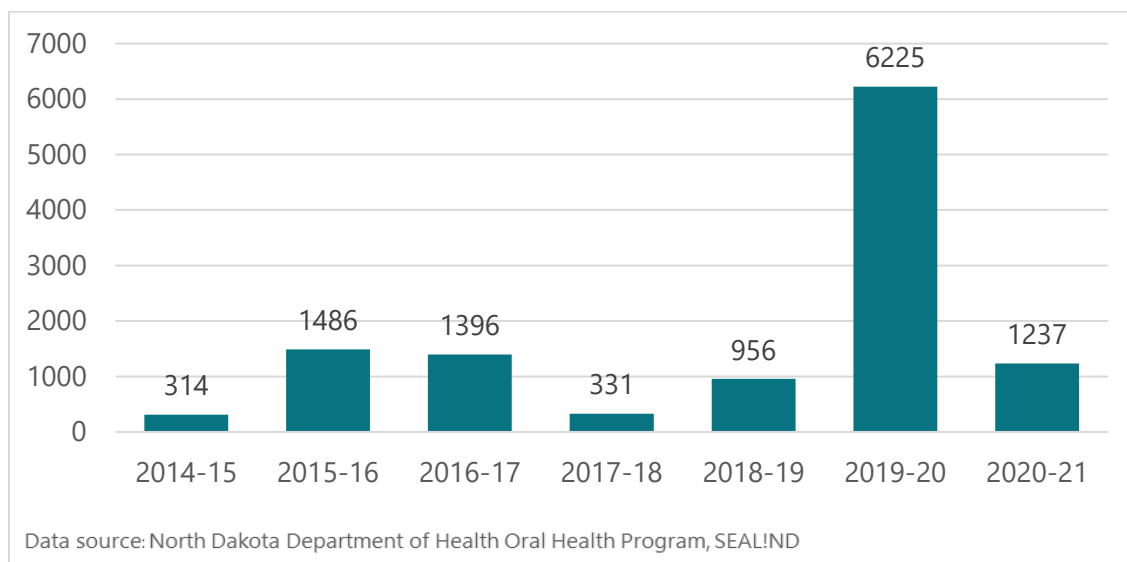
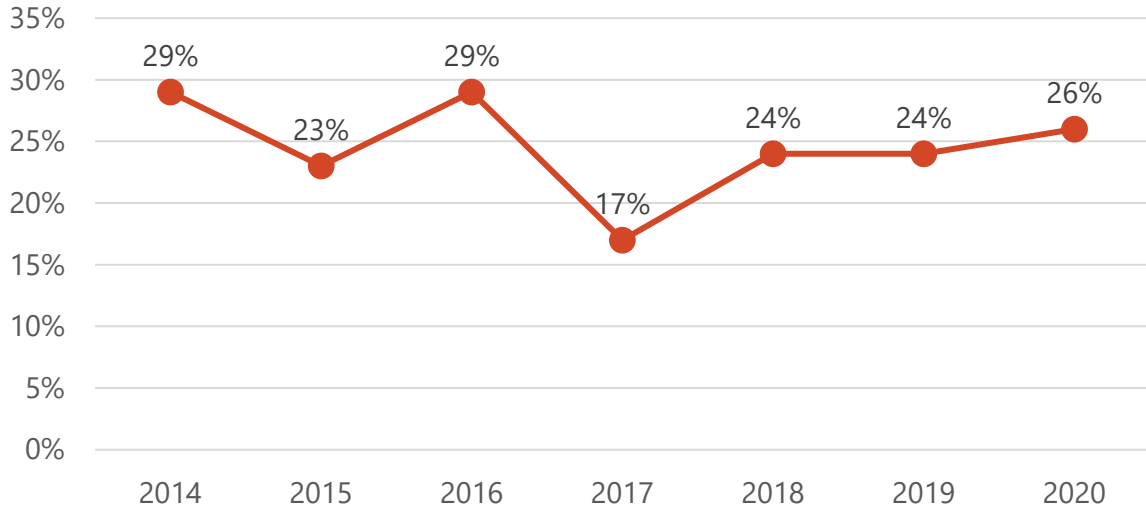


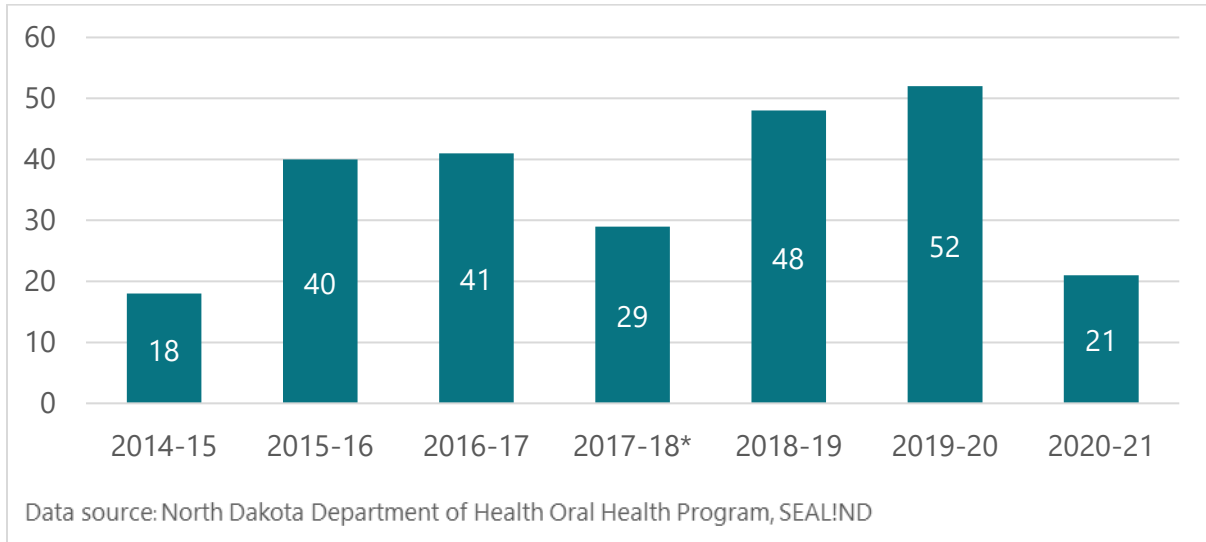
Figure 7. Percentage of Students that Participated in the SEAL!ND Program from either a Qualifying or Non-Qualifying Schools who were Indicated as needing Follow-up Care (Early or Urgent Dental Care)



Data source: North Dakota Department of Health Oral Health Program, SEAL!ND

SEAL!ND: Schools Qualifying for Dental Services Based on Need

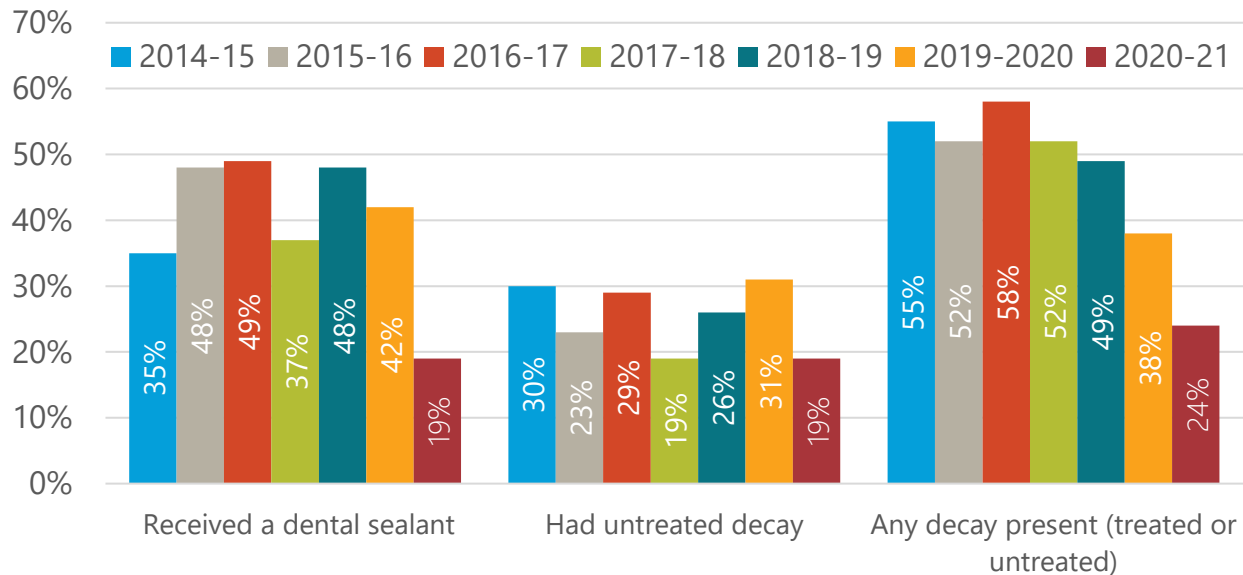
Figure 8. Number of Schools Participating in SEAL!ND that Qualified for Services Based on the Percentage of Students on the Free and Reduced-fee School Lunch Program



*Data note: The visual decline in participation in 2017-18 is an error in reporting and not a true decline in service provision. Data for 2017-18 were only available for schools served by the PHH and did not include services provided to Q schools by FQHCs or private dental teams.

Years 2020 and/or 2021 show the data in response to the pandemic.

Figure 9. Oral Health Need and Services Provided for Students in Participating, Qualifying North Dakota Schools



Data source: North Dakota Department of Health Oral Health Program, SEALIND

Medical Dental Integration in Family Medical Center, North Dakota

Table 3. Number of Patients Served by the Public Health Hygienist at the Center for Family Medicine's (CFM's) Asthma and Main Clinics: Grant Years One Through Three

	Year One a			Year Two b			Year Three c			TOTAL
	Asthma	Main	Total	Asthma	Main	Total	Asthma	Main	Total	
Referred to PHH	39	437	475	119	177	296	89	351	440	1,211
Refused Screening	4	n.d.	4	12	n.d.	12	10	n.d.	10	26
Fluoride Varnish	19	326	345	63	135	198	47	262	309	852
Dental Supplies	39	391	430	80	148	228	76	256	332	990
Brochure	39	219	258	60	114	174	78	174	252	684
Dental Education d	39	410	449	114	165	279	88	333	421	1,149
Dental Referral	4	205	209	7	86	93	5	139	144	446
Sought Treatment	2	n.d.	2	5	n.d.	5	6	n.d.	6	13

a. Asthma clinic data, July 2019 – August 2019. Main clinic data, November 2018 – August 2019.

b. Data for both the main clinic and the asthma clinic, September 2019 – March 11, 2020.

c. Data for both the main clinic and the asthma clinic, September 22, 2020 – August, 2021.

n.d. = no data

Table 4. Patients Seen by the Public Health Hygienist at the University of North Dakota Center

for Family Medicine

09/01/2019 – 03/11/2020*	Asthma Clinic	Main Clinic	Total
Referred to the PHH	131	190	321
Refused screening	12	11	23
Screened by the PHH	119	179	298
Fluoride varnish applied	63	89	152
Brochure given	60	121	181
Dental education	114	168	282
Given dental supplies	80	150	230
Refused screening	12	11	23
Referred to dentist	10	97	107
Sought treatment	5	8	13

*Services stopped in March 2020 in response to the global health pandemic

Figure 10. Percentage of Patients Presenting with Dental Concerns, Years One - Three

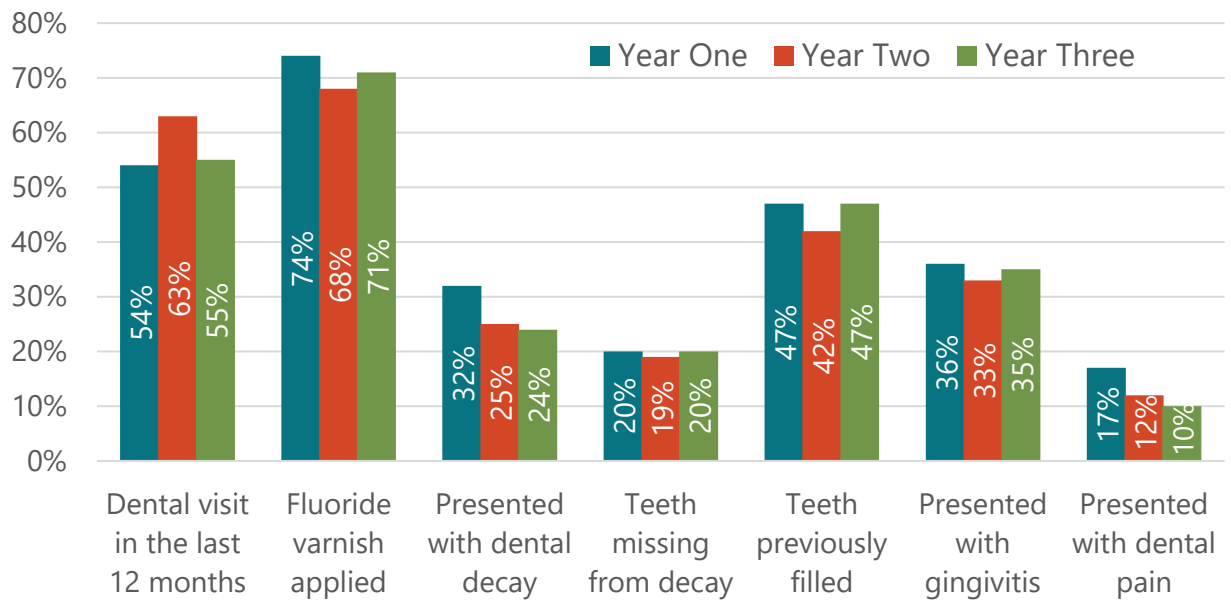


Figure 11. Percent of Patients with Dental Conditions and Care Needs by Insurance Status: Sept. 2019 - March 2020

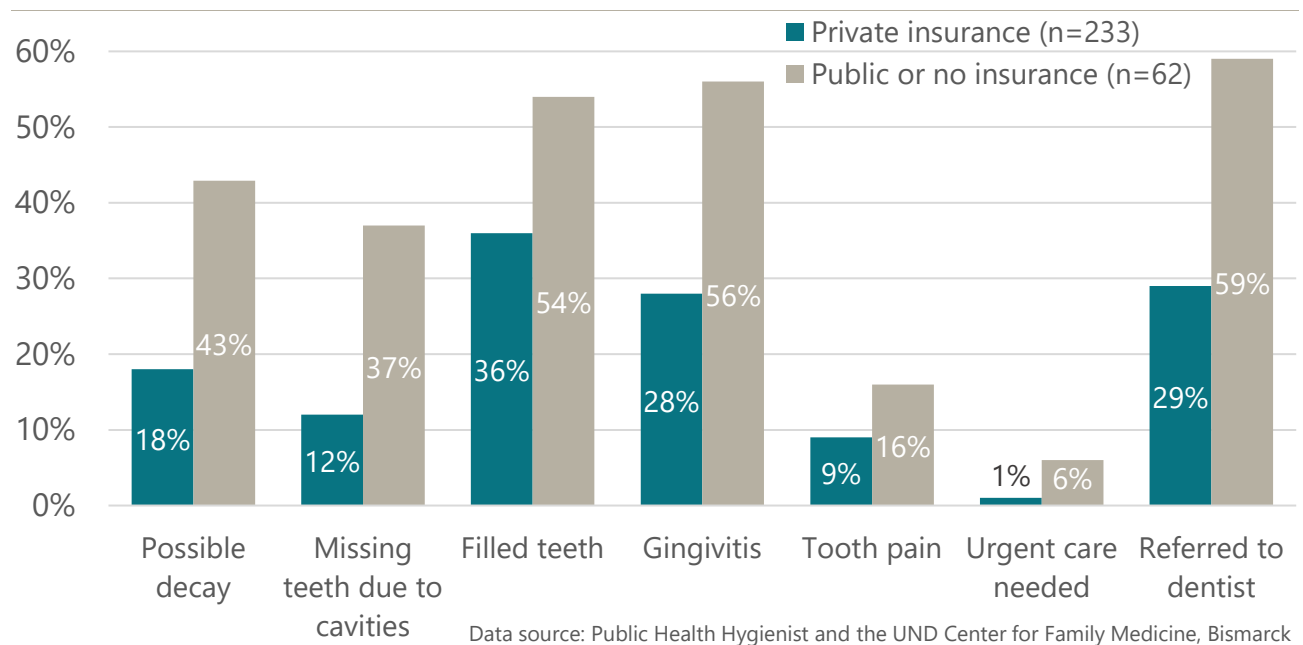
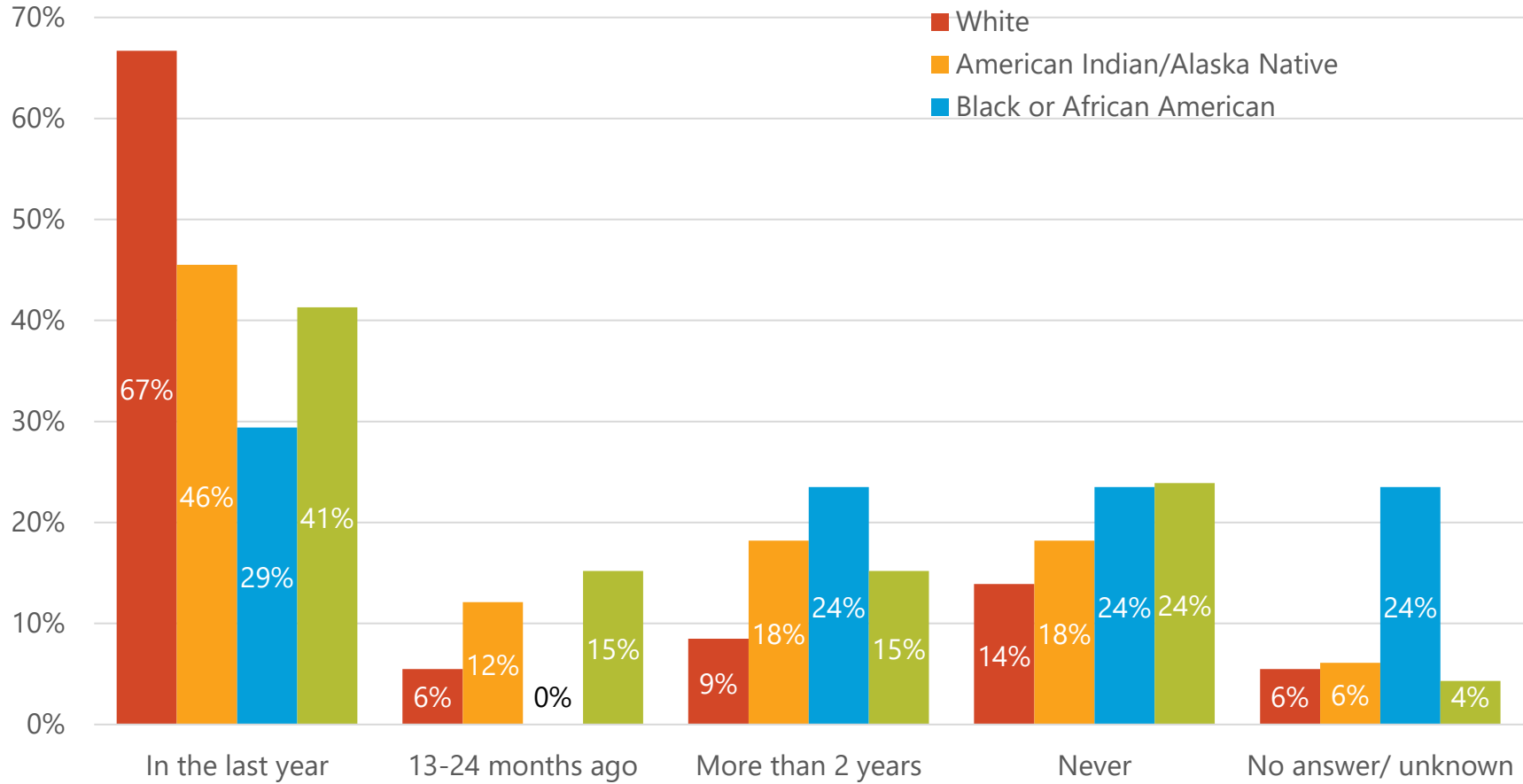


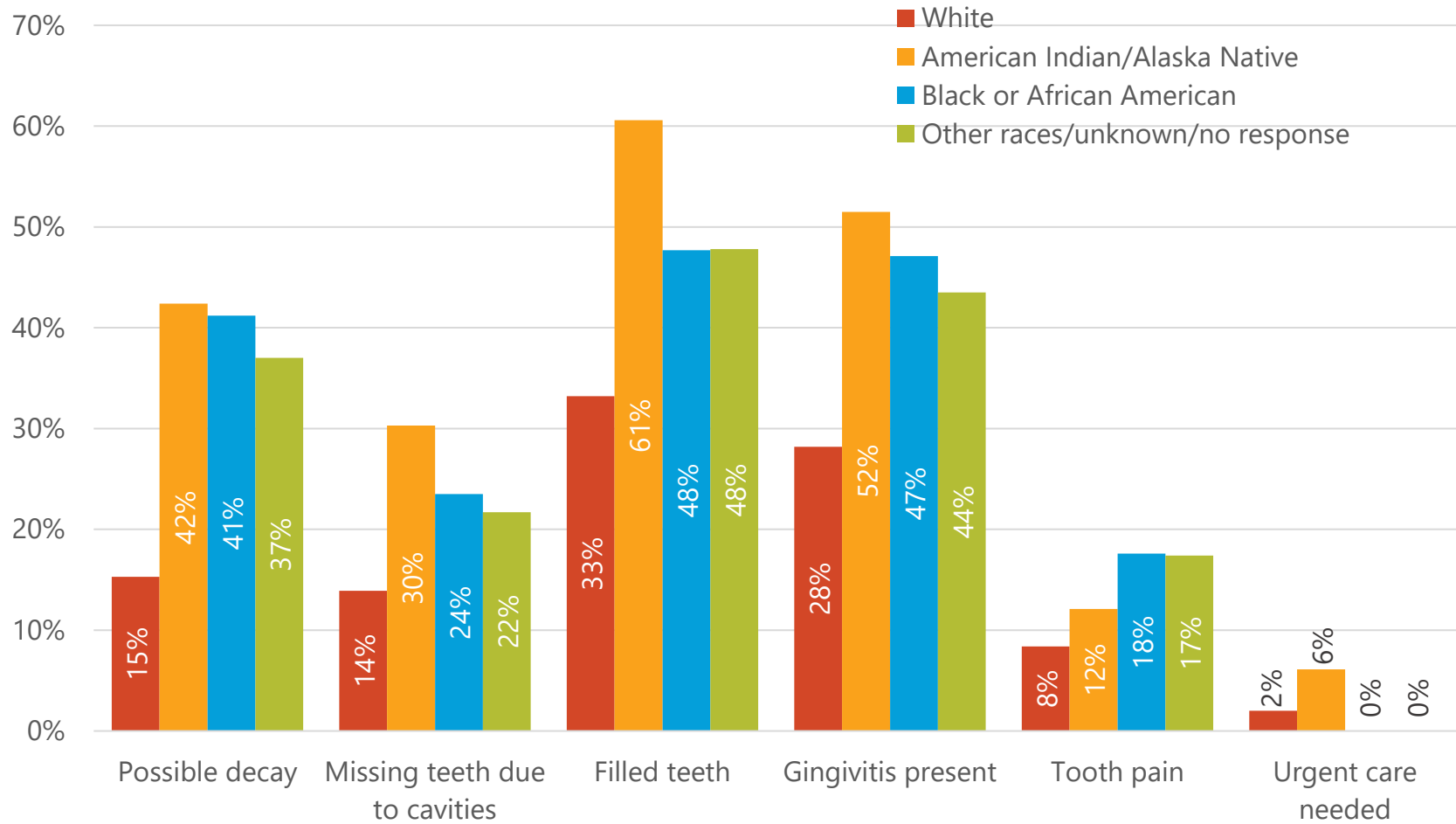
Figure 12. Patients Seen in one Family Medical Center by the Public Health Hygienist (PHH) who had had a Dental Visit.
Percent by Race: Sept. 2019 - March 2020 (N=298)



Data source: Public Health Hygienist and the UND Center for Family Medicine, Bismarck

Data note: No patients of black population were seen by PHH 13-24 months ago

Figure 13. Percent of Patients Seen in one Family Medical Center by the Public Health Hygienists with Dental Conditions and Care Needs by Race: Sept. 2019 - March 2020 (N=298)



Data source: Public Health Hygienist and the UND Center for Family Medicine, Bismarck

Data note: No patients of black or other race populations were determined as needing urgent care