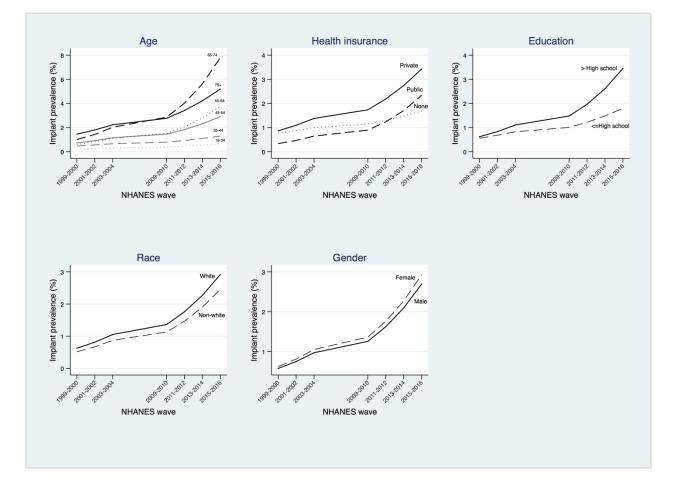
Trends in Dental Implant Use in the U.S., 1999–2016, and Projections to 2026 H.W. Elani, J.R. Starr, J.D. Da Silva, and G.O. Gallucci

## Appendix

**Appendix Figure:** Implant prevalence by sociodemographic variable (age group, education level, race, and insurance type) among adults missing teeth in the National Health and Nutrition Examination Survey (NHANES) from 1999-2016.



**Note:** Implant prevalence indicates the number of individuals who have at least one dental implant among all individuals with at least one missing tooth. NHANES waves included are: 1999-2000, 2001-2002,2003-2004, 2009-2010,2011-2012,2013-2014, 2015-2016.

Survey-weighted multivariable logistic regression models included NHANES year and participant's age, sex, education level, race, and insurance type.

	%* [95%CI]							
	Total sample	1999-2000	2001-2002	2003-2004	2009-2010	2011-2012	2013-2014	2015-2016
Arch		·			· · · ·	·	· · · ·	
Maxilla	48.8	28.4	56.2	51.5	47.2	42.8	44.6	54.6
	[42.8, 54.9]	[8.8, 61.8]	[36.1, 74.5]	[24.3, 77.7]	[35.5, 59.2]	[25.3, 62.3]	[32.3, 57.7]	[44.6,64.3]
Mandible	51.2	71.6	43.8	48.5	52.8	57.2	55.4	45.4
	[45.1,57.2]	[38.2, 91.2]	[25.5, 63.9]	[22.3, 75.7]	[40.8, 64.5]	[37.7, 74.7]	[42.3, 67.7]	[35.7,55.4]
Site								
Anterior	29.7	53.9	38.5	30.2	17.9	28.3	24.3	32.4
	[24.6, 35.4]	[31.7 ,74.6]	[21.8, 58.5]	[11.6, 58.8]	[9.6, 31.0]	[14.3,48.4]	[13.7 ,39.4]	[24.5, 41.6]
Posterior	70.3	46.1	61.5	69.8	82.1	71.7	75.7	67.6
	[64.6, 75.4]	[25.4, 68.3]	[41.5, 78.2]	[41.2, 88.4]	[69.0, 90.4]	[51.6, 85.7]	[60.6, 86.4]	[58.4,75.5]

**Appendix Table 1:** Implant distribution among adults with missing teeth receiving implants in the National Health and Nutrition Examination Survey (NHANES) from 1999-2016.

NB: All estimates are based on individuals aged 18 years and older Implant prevalence indicates the number of individuals who have at least one dental implant among all individuals with at least one missing tooth. \* Population-weighted proportions

Implant position	%* [95%Cl]
#1i	0
#2i	2.9 [1.6, 5.1]
#3i	10.2 [7.7, 13.4]
#4i	9.2 [6.5, 13.0]
#5i	7.6 [5.4, 10.6]
#6i	4.0 [2.5, 6.4]
#7i	9.5 [6.7 ,13.3]
#8i	8.6 [6.3, 11.6]
#9i	9.2 [6.5, 12.9]
#10i	9.5 [6.1, 14.4]
#11i	5.9 [4.2, 8.3]
#12i	8.0 [6.0, 10.5]
#13i	7.4 [5.3, 10.3]
#14i	9.8 [6.8, 13.9]
#15i	2.2 [1.1, 4.3]
#16i	0.4 [0.0 ,1.5]
#17i	0.2 [0.1, 1.0]
#18i	6.0 [3.7, 9.8]
#19i	17.6 [13.6, 22.4]
#20i	6.9 [4.7, 9.9]
#21i	3.4 [2.0, 5.5]
#22i	5.2 [3.5, 7.6]
#23i	4.7 [2.9, 7.6]
#24i	2.3 [1.1 , 4.4]
#25i	2.0 [1.0, 4.0]
#26i	4.1 [2.4 ,7.1]
#27i	5.4 [4.0 , 7.4]
#28i	5.4 [3.6, 8.0]
#29i	8.4 [6.0 , 11.5]
#30i	16.9 [12.8, 21.9]
#31i	8.5 [6.1, 11.8]
#32i	0.5 [0.2, 1.5]

Appendix Table 2: Implant prevalence according to tooth position among individuals receiving implants in the National Health and Nutrition Examination Survey (NHANES) from 1999-2016.

NB: All estimates are based on individuals aged 18 years and older

Implant prevalence indicates the number of individuals who have at least one dental implant among all individuals with at least one missing tooth. \* Population-weighted proportions