

Online Table. Participant and Clinical Characteristics across Insulin Method and CGM Use Status

	Pump Only N=8783	Injection Only N=6222	Pump + CGM N=2316	Injection + CGM N=410
Age (years)^a – n(%)				
<13	1890 (22)	1118 (18)	506 (22)	59 (14)
13-25	4439 (51)	3289 (53)	664 (29)	97 (24)
≥26	2454 (28)	1815 (29)	1146 (49)	254 (62)
Median (IQR)^b	17 (13,31)	18 (14, 31)	25 (13,45)	35 (18,51)
Female^a – n(%)	4598 (52)	2926 (47)	1235 (53)	191 (47)
Race/ethnicity^a – n(%)				
White Non-Hispanic	7556 (86)	4651 (75)	2109 (92)	371 (91)
Black Non-Hispanic	275 (3)	559 (9)	37 (2)	7 (2)
Hispanic or Latino	556 (6)	684 (11)	86 (4)	13 (3)
Other	361 (4)	295 (5)	65 (3)	15 (4)
Race/Ethnicity				
Education level^{ac} – n(%)				
Less than Bachelor’s degree	3180 (45)	2841 (61)	565 (30)	103 (31)
Bachelor’s degree	2220 (31)	1098 (24)	683 (36)	127 (39)
Master’s, professional, doctorate degree	1688 (24)	701 (15)	635 (34)	97 (30)
Insurance status^a – n(%)				
Private insurance	6502 (80)	3603 (65)	2017 (91)	316 (83)
Other insurance	1585 (20)	1826 (33)	195 (9)	51 (13)
No insurance	41 (<1)	102 (2)	8 (<1)	12 (3)
Annual household income^a – n(%)				
< \$50,000	1597 (25)	1740 (42)	265 (15)	52 (18)
\$50,000 - <\$100,000	2461 (38)	1357 (33)	607 (35)	99 (34)
≥\$100,000	2352 (37)	1005 (25)	839 (49)	139 (48)
Diabetes duration (years)^a – n(%)				
1-<5	1546 (18)	1446 (23)	379 (16)	68 (17)

5-<10	3014 (34)	2079 (33)	579 (25)	74 (18)
10-<20	2404 (27)	1550 (25)	547 (24)	104 (25)
20-<30	778 (9)	466 (7)	329 (14)	71 (17)
30-<40	538 (6)	343 (6)	253 (11)	50 (12)
≥40	503 (6)	338 (5)	229 (10)	43 (10)
Median (IQR^b)	10 (6,17)	9 (5,16)	13 (6,27)	15 (7,29)
Insulin regimen – n(%)	--		--	
Basal + bolus		4905 (79)		273 (67)
Basal only		347 (6)		15 (4)
Bolus only		249 (4)		19 (5)
Other/unknown		721 (12)		103 (25)
Number of boluses per day of short acting insulin – median (IQR^b)	--	3 (3,4)	--	3 (3,4)
Average number of self-monitoring blood glucose tests per day^{ad} - mean ± SD	5.0±2.8	3.9±2.1	5.4±2.9	4.1±2.3

^aP<0.001 from a nominal logistic regression model using a stepwise procedure; age, duration of diabetes, and average number of blood glucose tests per day were included as continuous factors; annual income and education level were included as ordinal factors; Insulin regimen and average number of boluses per day of short acting insulin were not included in the model

^bIQR = Interquartile range (25th percentile, 75th percentile)

^cHighest parental education level used if participant <18 years old

^dSelf-monitoring of blood glucose taken from meter download