

SUPPLEMENTARY TABLE S1. PARTICIPANT CHARACTERISTICS: 2016–2018

	Overall, N=22,697	1–5 years old, N=415	6–12 years old, N=3688	13–17 years old, N=6675	18–25 years old, N=4535	26–49 years old, N=3939	≥50 years old, N=3445
Demographic and clinical characteristics							
Sex, ^a female, <i>n</i> (%)	11,394 (50)	185 (45)	1772 (48)	3249 (49)	2235 (49)	2143 (55)	1810 (53)
Race/ethnicity, ^a <i>n</i> (%)							
White non-Hispanic	18,368 (82)	317 (78)	2775 (76)	5142 (77)	3606 (80)	3353 (86)	3175 (93)
Black non-Hispanic	1288 (6)	22 (5)	251 (7)	436 (7)	224 (5)	217 (6)	138 (4)
Hispanic or Latino	1866 (8)	42 (10)	382 (11)	703 (11)	495 (11)	193 (5)	51 (1)
Other	1008 (4)	26 (6)	228 (6)	365 (5)	199 (4)	134 (3)	56 (2)
Annual household income, ^a <i>n</i> (%)							
<\$50,000	5086 (31)	110 (36)	949 (34)	1564 (31)	879 (29)	953 (31)	631 (25)
\$50,000 to <\$75,000	2817 (17)	59 (19)	471 (17)	829 (17)	441 (15)	552 (18)	465 (19)
≥\$75,000	8725 (52)	134 (44)	1357 (49)	2580 (52)	1703 (56)	1535 (50)	1416 (56)
Education level, ^a <i>n</i> (%)							
Less than Bachelor degree	10,558 (49)	221 (55)	1760 (50)	3192 (50)	2427 (57)	1554 (43)	1404 (45)
Bachelor degree	6049 (28)	97 (24)	940 (27)	1735 (27)	980 (23)	1374 (38)	923 (30)
Master, professional or doctorate	4724 (22)	86 (21)	811 (23)	1435 (23)	881 (21)	715 (20)	796 (25)
Insurance status, ^a <i>n</i> (%)							
Private	16,028 (74)	242 (63)	2324 (68)	4503 (72)	3498 (80)	3229 (85)	2232 (66)
Other	5339 (25)	139 (36)	1032 (30)	1716 (27)	812 (19)	517 (14)	1123 (33)
None	243 (1)	5 (1)	49 (1)	68 (1)	48 (1)	50 (1)	23 (<1)
Duration of diabetes, median (IQR)	10 (6–19)	2 (2–3)	6 (3–7)	8 (6–11)	11 (8–15)	22 (15–29)	35 (23–46)
Duration group, years, <i>n</i> (%)							
1 to <5	3392 (15)	370 (>99)	1509 (42)	1113 (17)	261 (6)	99 (3)	40 (1)
5 to <10	7300 (32)	2 (<1)	1949 (54)	3313 (50)	1527 (34)	378 (10)	131 (4)
10 to <20	6617 (29)	—	159 (4)	2190 (33)	2551 (56)	1211 (31)	506 (15)
20 to <30	2207 (10)	—	—	—	186 (4)	1372 (35)	649 (19)
30 to <40	1489 (7)	—	—	—	—	718 (18)	771 (22)
40 to <49	985 (4)	—	—	—	—	153 (4)	832 (24)
≥50	516 (2)	—	—	—	—	—	516 (15)
BMI z-score, ^a mean ± SD	0.4 ± 1.0	0.8 ± 1.1	0.6 ± 1.2	0.8 ± 1.0	0.2 ± 1.0	0.09 ± 0.8	−0.1 ± 0.8
BMI group, ^b <i>n</i> (%)							
Underweight/normal weight	10,577 (51)	239 (59)	2457 (67)	3793 (58)	2183 (52)	1002 (31)	903 (33)
Overweight	6022 (29)	98 (24)	728 (20)	1651 (25)	1334 (32)	1169 (36)	1042 (38)
Obese	4227 (20)	68 (17)	466 (13)	1122 (17)	679 (16)	1074 (33)	818 (30)

(continued)

SUPPLEMENTARY TABLE S1. (CONTINUED)

	Overall, N=22,697	1–5 years old, N=415	6–12 years old, N=3688	13–17 years old, N=6675	18–25 years old, N=4535	26–49 years old, N=3939	≥50 years old, N=3445
Diabetes management							
Pump use, ^a <i>n</i> (%)	14,047 (63)	233 (64)	2403 (68)	4040 (62)	2700 (60)	2542 (66)	2129 (62)
CGM use, ^a <i>n</i> (%)	6547 (30)	183 (51)	1302 (37)	1553 (24)	963 (22)	1402 (37)	1144 (34)
Self-monitoring of blood glucose, ^c mean ± SD	4.1 ± 2.4	6.4 ± 2.4	5.5 ± 2.3	3.8 ± 2.2	3.3 ± 2.4	3.9 ± 2.4	4.6 ± 2.3
0–3 times per day, <i>n</i> (%)	5402 (41)	10 (6)	295 (14)	2062 (46)	1641 (58)	885 (45)	509 (28)
4–6 times per day, <i>n</i> (%)	5947 (45)	85 (53)	1139 (56)	1912 (43)	946 (33)	861 (44)	1004 (55)
6–9 times per day, <i>n</i> (%)	1508 (11)	48 (30)	482 (24)	384 (9)	184 (6)	163 (8)	247 (13)
≥10 times per day, <i>n</i> (%)	448 (3)	17 (11)	133 (6)	91 (2)	66 (2)	66 (3)	75 (4)
Noninsulin medications for blood glucose control, <i>n</i> (%)							
Metformin	811 (4)	0	12 (<1)	185 (3)	171 (4)	257 (7)	186 (5)
GLP-1 agonist	300 (1)	0	0	8 (<1)	27 (<1)	163 (4)	102 (3)
DPP-IVi	9 (<1)	0	0	0	0	4 (<1)	5 (<1)
SGLT2i	232 (1)	0	0	1 (<1)	14 (<1)	119 (3)	98 (3)
Pramlintide	131 (>1)	0	0	3 (<1)	9 (<1)	52 (1)	67 (2)
Other ^d	28 (<1)	0	0	2 (<1)	2 (<1)	10 (<1)	14 (<1)

^aThirty-nine transgender participants; race/ethnicity information missing for 167 participants; annual income missing for 6069 participants; education information missing for 1366 participants; insurance status information missing for 1087 participants; BMI information missing for 1872 participants; insulin modality (pump use) information missing for 528 participants; information on use of CGM missing for 899 participants| parental education level used for participants <18 years old.

^bUnderweight/normal weight defined as <85th BMI percentile adjusted for age and sex for participants <20 years and BMI <25 for adults ≥20 years, overweight defined as 85th to <95th BMI percentile for participants <20 years and BMI 25 to <30 for adults ≥20 years, obese defined as ≥95th BMI percentile for participants <20 years and BMI ≥30 for adults ≥20 years; age and sex adjusted.

^cSMBG available for 13,344 participants not using a continuous glucose monitor.

^dIncludes thiazolidinediones and sulfonylureas.

BMI, body mass index; CGM, continuous glucose monitoring; IQR, interquartile range; SD, standard deviation; SMBG, self-monitoring of blood glucose.