

Supplemental Content 3

Table SC3.1. Unadjusted and Adjusted Multivariable logistic regression predictors of digital usage (n = 2985, W = 208225610)

Predictor	Unadjusted Digital health usage				Adjusted Digital health usage			
	uOR	P	95%CI		aOR	P	95%CI	
Age (quadratic)	1.00	<.001**	0.99 -	1.00	1.00	.51	0.99 -	1.00
Gender (ref: female)								
Male	0.60	<.001**	2.93 -	3.90	0.67	.05*	0.44 -	1.00
Race/Ethnicity (ref: white)								
Black	0.81	.29	0.54 -	1.21	0.73	.27	0.41 -	1.30
American Indian or Alaskan Native	0.67	.67	0.11 -	4.31	1.17	.91	0.07 -	20.08
Asian American Pacific Islander	1.47	.12	0.91 -	2.38	1.36	.26	0.80 -	2.31
Hispanic	0.90	.56	0.63 -	1.29	1.32	.22	0.84 -	2.06
Multiple races	1.68	.26	0.68 -	4.14	2.96	.33	0.32 -	27.16
Education (ref: below high school)								
Some college to postgraduate	2.99	<.001**	2.31 -	3.86	1.80	.00**	1.25 -	2.58
Marital status (ref: Single/never married)								
Married/Divorced	0.64	<.001**	0.51 -	0.80	0.81	.12	0.15 -	1.08
Income ranges (ref: below \$35K)								
\$36K-\$100K	1.92	<.001**	1.35 -	2.73	1.06	.81	0.65 -	1.72
>\$101K	2.98	<.001**	1.92 -	4.64	0.98	.95	0.54 -	1.79
Metro vs Non metro (ref: metro areas)								
Non metro areas	0.58	.01*	0.39 -	0.89	0.58	.05*	0.34 -	1.00
Chronic Illness (ref: none)								
Has diabetes	0.93	.72	0.65 -	1.34	1.06	.82	0.62 -	1.84
Has hypertension	0.82	.11	0.65 -	1.05	1.04	.85	0.71 -	1.52
Has heart disease	0.84	.31	0.60 -	1.18	1.05	.81	0.68 -	1.64
Has lung disease	1.38	.08	0.96 -	1.99	1.50	.14	0.87 -	2.58
Has depression	1.73	<.001**	1.25 -	2.39	1.01	.95	0.66 -	1.55
Health insurance (ref: no health insuran								
Has health insurance	2.20	.002*	1.36 -	3.57	1.27	.55	0.57 -	2.86
Internet usage (ref: no internet usage)								
Used internet for health	5.13	<.001**	4.02 -	6.56	1.35	.24	0.81 -	2.27
Device ownership (ref: owns a smart phone)								
Tablet computer	0.21	<.001**	0.13 -	0.34	0.42	.02*	0.21 -	0.84
Basic cell phone only	0.33	<.001**	0.26 -	0.42	0.67	.06	0.44 -	1.02
None	0.07	<.001**	0.04 -	0.11	0.28	.01**	0.11 -	0.71
Offered patient portal (ref: No)								
Yes	4.05	<.001**	3.17	5.16	2.44	.00**	1.60 -	3.71
Performance expectancy (ref: No)								
Yes	6.86	<.001**	5.08	9.26	4.17	<.001**	2.71 -	6.40
Digital usage (ref: None)								
Yes	N/A				N/A			

Note: Authors' analysis of data from the HINTS® 5 Cycle 4. We present the result using OR (95%CI) *p ≤ .05 ** p ≤ 0.01. +Not enough observations to compute jackknife standard errors

Table SC3.2: Unadjusted and Adjusted Multivariable logistic regression predictors of information sharing behavior with HCP

Predictor	Unadjusted Information sharing with HCP				Adjusted Information sharing with HCP			
	uOR	P	95%CI		aOR	P	95%CI	
Age (quadratic)	1.03	.006*	1.01	1.06	1.00	.92	0.99 -	1.00
Gender (ref: female)								
Male	0.74	.02*	0.57 -	0.96	0.92	.63	0.64 -	1.32
Race/Ethnicity (ref: white)								
Black	0.82	.25	0.58 -	1.15	1.00	.99	0.62 -	1.62
American Indian or Alaskan Native	0.41	.68	0.01 -	31.2	0.47	.71	0.01 -	26.21
Asian American Pacific Islander	0.57	.04	0.32 -	0.98	0.52	.04*	0.28 -	0.96
Hispanic	0.70	.03*	0.51 -	0.96	0.76	.33	0.44 -	1.32
Multiple races	1.83	.12	0.85 -	3.94	1.63	.13	0.84 -	3.17
Education (ref: below high school)								
Some college to postgraduate	2.47	<.001**	1.95 -	3.13	1.41	.07	0.97 -	2.05
Marital status (ref: Single/never married)								
Married/Divorced	0.74	.03*	0.58 -	0.96	0.82	.25	0.59 -	1.15
Income ranges (ref: below \$35K)								
\$36K-\$100K	1.75	.003*	1.22 -	2.53	1.19	.39	0.79 -	1.81
>\$101K	2.43	<.001**	1.66 -	3.57	1.21	.51	0.67 -	2.20
Metro vs Non metro (ref: metro areas)								
Non metro areas	0.81	.31	0.54 -	1.21	1.05	.86	0.59 -	1.87
Chronic illness (ref: none)								
Has diabetes	0.63	<.001**	0.48 -	0.83	0.65	.05*	0.43 -	0.99
Has hypertension	0.96	.76	0.75 -	1.23	1.41	.10	0.93 -	2.12
Has heart disease	1.14	.51	0.77 -	1.68	1.60	.14	0.86 -	2.97
Has lung disease	1.68	.002*	1.21 -	2.32	1.56	.04*	1.03 -	2.34
Has depression	1.56	<.001**	1.22 -	1.99	1.18	.25	0.88 -	1.59
Health insurance (ref: no health insuran								
Has health insurance	1.63	.07	0.94 -	2.79	1.01	.97	0.47 -	2.19
Internet usage (ref: no internet usage)								
Used internet for health	4.98	<.001**	3.43 -	7.23	1.37	.37	0.69 -	2.76
Device ownership (ref: owns a smart phone)								
Tablet computer	0.18	<.001**	0.09 -	0.35	0.32	.02*	0.12 -	0.82
Basic cell phone only	0.45	<.001**	0.35 -	0.58	0.79	.20	0.55 -	1.13
None	0.08	<.001**	0.03 -	0.20	1.03	.98	0.12 -	8.85
Offered patient portal (ref: No)								
Yes	2.22	<.001**	1.75 -	2.82	1.02	.90	0.72 -	1.45
Performance expectancy (ref: No)								
Yes	8.29	<.001**	6.10 -	11.2	3.78	<.001**	2.41 -	5.92
Digital usage (ref: None)								
Yes	24.0	<.001**	13.4 -	43.0	14.3	<.001**	6.17 -	32.98

Note: Authors' analysis of data from the HINTS® 5 Cycle 4. We present the result using OR (95%CI) *p ≤ .05 ** p ≤ 0.01. +Not enough observations to compute jackknife standard errors

Table SC3.3 Unadjusted and Adjusted Multivariable logistic regression predictors of information sharing behavior with Family or friends

Predictor	Unadjusted Information sharing with family or friends				Adjusted Information sharing with family or friends			
	uOR	P	95% CI		aOR	P	95%CI	
Age (quadratic)	1.00	.002*	0.99	1.00	1.00	.84	0.95 -	1.02
Gender (ref: female)								
Male	0.67	.004*	0.51 -	0.87	0.81	.22	0.58 -	1.14
Race/Ethnicity (ref: white)								
Black	0.86	.44	0.56 -	1.28	1.21	.42	0.75 -	1.95
American Indian or Alaskan Native	0.07	.04*	0.01 -	0.87	0.07	.06	0.00 -	1.17
Asian American Pacific Islander	0.73	.32	0.38 -	1.38	0.66	.28	0.31 -	1.42
Hispanic	0.76	.19	0.51 -	1.14	0.69	.27	0.35 -	1.36
Multiple races	1.42	.34	0.69 -	2.95	1.76	.04*	1.02	3.05
Education (ref: below high school)								
Some college to postgraduate	2.44	<.001**	1.78 -	3.36	1.35	.14	0.91 -	1.99
Marital status (ref: Single/never married)								
Married/Divorced	0.70	.005*	0.54 -	0.89	0.78	.06	0.55 -	1.09
Income ranges (ref: below \$35K)								
\$36K-\$100K	1.70	.013*	1.13 -	2.57	1.06	.78	0.69 -	1.62
>\$101K	2.99	<.001**	0.12 -	0.24	1.40	.19	0.84 -	2.35
Metro vs Non metro (ref: metro areas)								
Non metro areas	0.89	.56	0.58 -	1.35	1.15	.56	0.71 -	1.88
Chronic illness (ref: none)								
Has diabetes	0.58	.009*	0.39 -	0.86	0.77	.31	0.47 -	1.28
Has hypertension	0.69	.003*	0.54 -	0.88	1.02	.90	0.72 -	1.46
Has heart disease	0.58	.04*	0.34 -	0.97	0.88	.71	0.45 -	1.73
Has lung disease	1.41	.08*	0.96 -	2.08	1.31	.31	0.77 -	2.21
Has depression	1.14	.39	0.83 -	1.57	0.79	.30	0.51 -	1.24
Health insurance (ref: no health insuran								
Has health insurance	1.11	.73	0.60 -	2.07	0.45	.07	0.19 -	1.08
Internet usage (ref: no internet usage)								
Used internet for health	6.52	<.001**	4.42 -	9.62	1.45	.33	0.68 -	3.11
Device ownership (ref: owns a smart phone)								
Tablet computer	0.10	<.001**	0.03 -	0.29	0.26	.04*	0.07 -	0.92
Basic cell phone only	0.37	<.001**	0.27 -	0.51	0.65	.05*	0.43 -	1.00
None	0.06	<.001**	0.13 -	0.27	1.96	.25	0.61 -	6.33
Offered patient portal (ref: No)								
Yes	2.41	<.001**	1.80 -	3.24	1.32	.19	0.87 -	2.00
Performance expectancy (ref: No)								
Yes	8.59	<.001**	5.50 -	13.41	3.28	<.001**	1.84	5.95
Digital usage (ref: None)								
Yes	N/A+				+			

Note: Authors' analysis of data from the HINTS® 5 Cycle 4. We present the result using OR (95%CI) *p ≤ .05 ** p ≤ 0.01. +Not enough observations to compute jackknife standard errors

Table SC3.4 Unadjusted and Adjusted Multivariable logistic regression predictors of information sharing behavior in Social Media

Predictor	Unadjusted Information sharing in Social Media				Adjusted Information sharing in Social Media			
	uOR	P	95% CI		aOR	P	95%CI	
Age (quadratic)	1.05	.008*	1.01	1.09	1.00	<.001**	1.00 -	1.00
Gender (ref: female)								
Male	0.49	<.001***	0.36 -	0.67	0.56	<.001**	0.39 -	0.79
Race/Ethnicity (ref: white)								
Black	1.27	.30	0.80 -	2.02	1.16	.56	0.70 -	1.93
American Indian or Alaskan Native	0.19	.11	0.02 -	1.49	0.22	.14	0.03 -	1.71
Asian American Pacific Islander	0.79	.52	0.39 -	1.63	0.62	.32	0.24 -	1.62
Hispanic	1.24	.26	0.85 -	1.79	1.27	.36	0.76 -	2.10
Multiple races	0.74	.54	0.28 -	1.96	0.79	.64	0.29 -	2.12
Education (ref: below high school)								
Some college to postgraduate	1.65	<.001**	1.23	2.23	1.30	.18	0.88 -	1.91
Marital status (ref: Single/never married)								
Married/Divorced	0.85	.25	0.64 -	1.12	0.78	.24	0.52 -	1.18
Income ranges (ref: below \$35K)								
\$36K-\$100K	0.85	.38	0.59 -	1.22	0.57	.008*	0.38 -	0.86
>\$101K	1.01	.96	0.70 -	1.46	0.64	.12	0.36 -	1.13
Metro vs Non metro (ref: metro areas)								
Non metro areas	0.77	.26	0.49 -	1.21	0.78	.36	0.45 -	1.35
Chronic Illness (ref: none)								
Has diabetes	1.01	.97	0.66 -	1.54	1.56	.16	0.84 -	2.91
Has hypertension	0.89	.42	0.68 -	1.18	1.18	.45	0.77 -	1.80
Has heart disease	0.67	.12	0.40 -	1.11	0.79	.43	0.44 -	1.42
Has lung disease	1.47	.01*	1.09 -	1.98	1.35	.12	0.92 -	1.99
Has depression	1.88	<.001**	1.36 -	2.58	1.46	.05*	1.00 -	2.12
Health insurance (ref: no health insuran								
Has health insurance	0.88	.70	0.46 -	1.69	1.11	.79	0.51 -	2.43
Internet usage (ref: no internet usage)								
Used internet for health	3.24	.002*	1.59 -	6.61	0.94	.90	0.35 -	2.50
Device ownership (ref: owns a smart phone)								
Tablet computer	0.65	.20	0.33 -	1.27	1.05	.91	0.44 -	2.50
Basic cell phone only	0.67	.02**	0.49 -	0.92	1.00	.99	0.68 -	1.47
None	0.19	.005*	0.06 -	0.59	1.99	.42	0.36 -	11.00
Offered patient portal (ref: No)								
Yes	1.93	<.001**	1.40 -	2.67	1.07	.72	0.73 -	1.58
Performance expectancy (ref: No)								
Yes	3.20	<.001**	2.18 -	4.69	1.72	.02*	1.10 -	2.69
Digital usage (ref: None)								
Yes	4.49	<.001**	2.60 -	7.74	3.11	<.001**	1.58 -	6.09

Note: Authors' analysis of data from the HINTS® 5 Cycle 4. We present the result using OR (95%CI) *p ≤ .05 ** p ≤ 0.01. +Not enough observations to compute jackknife standard errors