

Table S3. Characteristics of PrEP Tweets by Source (N = 786)

Variable	Organization	Individual	p-value
TPB Construct			
Attitude	0 (0%)	53 (8.4%)	<.001
Perceived norm	3 (1.9%)	8 (1.3%)	.705 ^a
Perceived behavioral control	1 (.6%)	12 (1.9%)	.485 ^a
Intention/behavior	1 (.6%)	61 (9.8%)	<.001
Information/knowledge	73 (45.3%)	116 (18.6%)	<.001
Actual barriers	67 (41.6%)	231 (37.0%)	.278
Other	16 (9.9%)	144 (23.0%)	<.001

Notes: P-values were calculated from χ^2 tests; all cells had expected values over 5.

^aP-values were calculated using Fisher's exact tests.

Table S4. Emotions and Sentiments of PrEP Tweets by FDA Approval (N = 12618)

Variable	t-statistic	df	p-value
Positive emotion	-5.13	12575.78	<.001
Negative emotion	1.32	12597.52	.187
Anxiety	.57	12614.66	.571
Anger	3.84	12132.18	<.001
Sadness	.40	12485.72	.689

Notes: T-statistics were conducted using Welch's t-tests for unequal variances.

Table S5. Emotions and Sentiments of PrEP Tweets by Source Type (N = 786)

Variable	t-statistic	df	p-value
Positive emotion	-2.83	357.24	.005
Negative emotion	-.48	298.50	.635
Anxiety	2.07	226.78	.039
Anger	-.471	305.89	.638
Sadness	-1.05	362.16	.293

Notes: T-statistics were conducted using Welch's t-tests for unequal variances.