

SUPPLEMENT TABLE 1. FI questions used in National GI Survey.

FI History Questions

How often do you have bowel incontinence that is have an accident because you could not make it to the bathroom in time?

- Less than one day a month
 - One day a month
 - Two to three days a month
 - One day a week
 - More than one day a week but not every day
 - Every day of the week
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What is the amount of stool leakage you usually have?

- Small amount – like staining underpants only
 - Moderate amount – more than staining but less than a full bowel movement
 - Large amount – a full bowel movement
 - Variable amount – the amount changes from time to time
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For the times you had bowel incontinence how often did you feel a warning the stool was about to come out like an urge to have a bowel movement but you still could not make it to the bathroom in time?

- Never – I do not feel a warning the stool is about to come out
 - Only rarely feel a warning
 - Only sometimes feel a warning
 - Usually feel a warning – but not always
 - Always feel a warning
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How often did you think you were going to pass gas but passed stool or liquid instead?

- Never
 - Rarely
 - Sometimes
 - Often
 - Always
-

How often do you wear a pad or diaper because of bowel incontinence?

- Never
 - Rarely
 - Sometimes
 - Often
 - Always
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How much does the bowel incontinence interfere with your day-to-day activities?

- Not at all
- A little bit
- Somewhat
- Quite a bit
- Very much

Has your anus ever been injured or have you ever had surgery in that area?

- No
- Yes
- Unsure

Have you had vaginal deliveries?

- No
- Yes

How many vaginal deliveries have you had?

- 0
- 1
- 2
- 3
- 4 or more

Have you had an episiotomy?

- No
- Yes
- Unsure

Were forceps used during your vaginal delivery?

- No
- Yes
- Unsure

NIH FI PROMIS Questions

In the past 7 days...How often did you have bowel incontinence - that is have an accident because you could not make it to the bathroom in time?

- No days
 - 1 day
 - 2-3 days
 - 4-5 days
 - 6-7 days
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In the past 7 days...How often did you soil or dirty your underwear before getting to a bathroom?

- No days
- 1 day
- 2-3 days
- 4-5 days
- 6-7 days

In the past 7 days...How often did you leak stool or soil your underwear?

- No days
- 1 day
- 2-3 days
- 4-5 days
- 6-7 days

In the past 7 days...How often did you think you were going to pass gas but stool or liquid came out instead?

- Never
- Rarely
- Sometimes
- Often
- Always

FI, fecal incontinence; NIH, National Institutes of Health; PROMIS, Patient Reported Outcome Measurement Information System.

SUPPLEMENT TABLE 2. Population weights based on latest U.S. Census data for age, sex, and race/ethnicity applied to sample data.^{25, 26}

Race/ethnicity	Age group (years)	Gender	
		Female	Male
Non-Hispanic white	18-24	0.044268	0.042532
	25-44	0.126480	0.121520
	45-64	0.094860	0.091140
	65+	0.050592	0.048608
Non-Hispanic black	18-24	0.008568	0.008232
	25-44	0.024480	0.023520
	45-64	0.018360	0.017640
	65+	0.009792	0.009408
Latino	18-24	0.012852	0.012348
	25-44	0.036720	0.035280
	45-64	0.027540	0.026460
	65+	0.014688	0.014112
Asian	18-24	0.004284	0.004116
	25-44	0.012240	0.011760
	45-64	0.009180	0.008820
	65+	0.004896	0.004704
Other	18-24	0.001428	0.001372
	25-44	0.004080	0.003920
	45-64	0.003060	0.002940
	65+	0.001632	0.001568

SUPPLEMENT TABLE 3. Responses to individual FI PROMIS questions among those who had FI in the past 7 days and stratified by gender.

Variable	Overall (n=3094)		Female (n=1806)	Male (n=1288)	Ordinal OR [95% CI] ^a
<i>In the past 7 days...How often did you have bowel incontinence - that is have an accident because you could not make it to the bathroom in time?</i>					
No days	441 (14.6%)		276 (13.4%)	195 (15.8%)	1.05 [0.90-1.23]
1 day	1279 (40.1%)		824 (44.9%)	455 (35.2%)	
2-3 days	874 (29.2%)		473 (26.6%)	401 (31.7%)	
4-5 days	331 (10.3%)		172 (9.3%)	159 (11.3%)	
6-7 days	169 (5.9%)		91 (5.8%)	78 (6.1%)	
<i>In the past 7 days...How often did you soil or dirty your underwear before getting to a bathroom?</i>					
No days	392 (14.2%)		210 (12.2%)	182 (16.3%)	1.01 [0.87-1.18]
1 day	1320 (40.8%)		836 (44.8%)	484 (36.7%)	
2-3 days	877 (28.8%)		511 (29.3%)	366 (28.2%)	
4-5 days	332 (10.7%)		161 (8.6%)	171 (12.9%)	
6-7 days	173 (5.6%)		88 (5.1%)	85 (6.0%)	
<i>In the past 7 days...How often did you leak stool or soil your underwear?</i>					
No days	480 (17.1%)		295 (17.2%)	185 (16.9%)	1.12 [0.96-1.30]
1 day	1222 (37.3%)		752 (39.2%)	470 (35.5%)	
2-3 days	889 (29.4%)		500 (29.2%)	389 (29.7%)	
4-5 days	316 (10.1%)		194 (8.9%)	152 (11.3%)	
6-7 days	187 (6.1%)		95 (5.5%)	92 (6.6%)	
<i>In the past 7 days...How often did you think you were going to pass gas but stool or liquid came out instead?</i>					
Never	382 (13.1%)		264 (13.9%)	118 (12.4%)	1.19 [1.03-1.38]
Rarely	826 (26.4%)		488 (27.1%)	338 (25.7%)	
Sometimes	1212 (39.3%)		694 (40.0%)	518 (28.6%)	
Often	527 (16.5%)		286 (14.5%)	241 (18.5%)	
Always	147 (4.7%)		74 (4.5%)	73 (4.9%)	

Data are presented as n (population-weighted %).

CI, confidence interval; OR, odds ratio.

^a Females served as the reference group. The survey-weighted ordinal logistic regression model adjusted for age, gender, race/ethnicity, education level, marital status, employment status, household income, diarrhea within past week, constipation within past week, and presence of Crohn's disease, ulcerative colitis, Celiac disease, diabetes, HIV/AIDS, irritable bowel syndrome, and chronic idiopathic constipation.