

Department Of Veterans Affairs First Gulf War Digestive Health Study

SURVEY OF CHRONIC GASTROINTESTINAL ILLNESS IN PERSIAN GULF VETERANS

OMB 2900-XXXX

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VA FORM 10-21092C FEBRUARY 2009

Background Questions

OMB 2900-XXXX Estimated Burden: 5 minutes

Directions: Please fill Circles like this: ● Not like this: ※ or this: ダ

We would like to ask you some questions about yourself:

FEBRUARY 2009

What was your Branch of Service during the Gulf War Era? (Mark one answer)	Did your health change during deployment? (Mark one answer)
O Army	O Health stayed about the same or got better
O Navy	O Health got worse
O Air Force	O. How many times were you soon in sick call during
O Coast Guard	How many times were you seen in sick call during deployment? (Mark one answer)
2. What was your Military Occupation?	O None
	O 1-3
	O 4-6
3. Are you currently: (Mark one answer)	O 7-10
O Retired	O More than 10
O Unable to work because of disability	
O A student O Not currently working for pay (includes look	10. Did you have any illnesses or injuries during deployment?
	O NI-
O Working part-time (less than 35 hours a we	O Yes, if so describe:
O Working full-time (more than 35 hours a we	1 .
O Other, specify	2
4. Were you deployed in the Gulf? (Mark one an	swer) 3.
O No- Go to question 11.	J
O Yes	44 Milest in visual august marital atatus?
5. What was the cumulative time that you were cabroad? (Total duration) (Mark one answer)	
O Less than 6 months	O Single
O 7- 12 months	O Married
O More than a year	O Divorced
6. What was the total time that you were in comb	oat zone? O Widowed
(Total duration) (Mark one answer)	O Other, specify
O I was never in a combat zone	
O Less than 1 month	12. What is the highest level of education you have completed? (Mark one answer)
O 2-6 months	
O 7-12 months	O Some high school
O More than 1 year	O High school graduate
	O Some college
7. Which countries did you visit during deployme (Mark all that apply)	ont? O College graduate (4 years) O Professional training beyond college
O I was not deployed abroad O Dubai	
O Iraq O Germany	
O Kuwait O England	
O Saudi Arabia O Others	
VA FORM 10-21092C	

General Health Questions

This questionnaire consists of list of problems people sometimes have.

Read each one carefully and select the answer that best describes

HOW MUCH THAT PROBLEM HAS DISTRESSED OR BOTHERED

YOU DURING THE PAST 7 DAYS INCLUDING TODAY

Directions: Please fill Circles like this: ● Not like this: ※ or this: ダ

Do not skip any items.	Not at all	A little bit	Moderately	Quite a bit	Extremely
HOW MUCH WERE YOU DISTRESSED BY:	Nc	A	Mc	ŏ	Ш
1. Faintness or dizziness	0	0	0	0	0
2. Feeling no interest in things	0	0	0	0	0
3. Nervousness or shakiness inside	0	0	0	0	0
4. Pains in heart or chest	0	0	0	0	0
5. Feeling lonely	0	0	0	0	0
6. Feeling tense or keyed up	0	0	0	Ó	0
7. Nausea or upset stomach	0	0	0	0	0
8. Feeling blue	0	0	0	0	0
9. Suddenly scared for no reason	0	0	0	0	0
10. Trouble getting your breath	0	0	0	0	0
11. Feelings of worthlessness	0	0	0	0	0
12. Spells of terror or panic	0	0	0	0	0
13. Numbness or tingling in parts of your body	0	0	0	0	0
14. Feeling hopeless about the future	0	0	0	0	0
15. Feeling so restless you couldn't sit still	0	0	0	0	0
16. Feeling weak in parts of your body	0	0	0	0	0
17. Thoughts of ending your life	0	0	0	0	0
18. Feeling fearful	0	0	0	0	0

Digestive Health Questions

OMB 2900-XXXX Estimated Burden: 15 minutes

These questions are about your digestive system and problems you can have with it. Certain problems may apply to you and others will not.

The first set of questions is about your digestive health before and during deployment. The second set is about your current digestive health.

These questions are about your Digestive I	Health Before & During Deployment					
Directions: Please fill Circles like this: ● Not like this: ※ or this: ダ						
1. Did your bowel habits change DURING deployment? O No O Yes						
2. Did your bowel habits change AFTER Deployment? O No O Yes						
3. In the YEAR Before Deployment and the TIME During Dep abdomen or belly? (Mark one answer) (Please do NOT co NOT count pain in your chest)	oloyment did you have discomfort or pain in your unt cramps or pain with menstrual periods, and do					
Before deployment	During deployment					
O Not at All or Rarely-go to #18	O Not at All or Rarely-go to #18					
O Occasionally	O Occasionally					
O Often	O Often					
O Very Often	O Very Often					
O Almost Always	O Almost Always					
4. In the <i>three months</i> Before Deployment and the <i>time</i> During in your belly or abdomen?	g Deployment did you have discomfort or pain					
Before deployment	During deployment					
O Not at All or Rarely	O Not at All or Rarely					
O Occasionally	O Occasionally					
O Often	O Often					
O Very Often	O Very Often					
O Almost Always	O Almost Always					
5. How does the discomfort or pain you had in those three morprior to deployment? Would you say it was.	onths of time compare to what you had					
Before deployment	During deployment					
O Better in those three months	O Better in those three months					
O Worse in those three months	O Worse in those three months					
O About the same	O About the same					
O Did not have pain or discomfort in those three months	O Did not have pain or discomfort in those three months					
6. Pain can occur mainly in the upper belly (stomach), lower be Concerning your primary pain, has this ache or pain in the l	belly, or in both the upper and lower belly. belly usually been: (Mark one answer)					
Before deployment	During deployment					
O ABOVE the navel, that is in the UPPER BELLY	O ABOVE the navel, that is in the UPPER BELLY					
O BELOW the navel, that is in the LOWER BELLY	O BELOW the navel, that is in the LOWER BELLY					
O In different places in BOTH the upper AND lower belly	O In different places in BOTH the upper AND lower belly					
7. How many times did you get this pain in those three month During deployment? (Mark one answer)	s BEFORE deployment or the time					
Before deployment	During deployment					
O Never	O Never					
O Less than one day a month	O Less than one day a month					
O 2 or 3 days a month	O 2 or 3 days a month					
O 1 day a week	O 1 day a week					
O More than 1 day a week	O More than 1 day a week					

O Everyday

O Everyday

	777	Before deployment		THE CONTRACT			During deployment				17 %. N
	Never or Rarely	Sometimes	Often	Most of times	Almost Always	Never or Rarely	Sometimes	Often	Most of times	Almost Always	
8. Did this discomfort or pain EVER awaken you from sleep at night?	0	0	0	0	0	0	0	0	0	0	
9. Did this discomfort or pain occur BEFORE meals or when hungry?	0	0	0	0	0	0	0	0	0	0	
Did this discomfort or pain occur IMMEDIATELY AFTER meals? (less than 30 minutes)	0	0	0	0	0	0	0	0	0	0	
11. Did this ache or pain occur 30 minutes to 2 hours AFTER meals?	0	0	0	0	0	0	0	0	0	0	
12. Was this pain made better (relieved) by burping (bringing up air through the mouth)?	0	0	0	0	0	0	0	0	0	0	
13. Was this discomfort or pain made better (relieved) by having a bowel movement?	0	0	0	0	0	0	0	0	0	0	
14. Was this discomfort or pain made better by eating?	0	0	0	0	0	0	0	0	0	0	
15. Was this discomfort or pain made worse by food or milk?	0	0	0	0	0	0	0	0	0	0	
Did you have more bowel movements (stools) when this pain or discomfort began?	0	0	0	0	0	0	0	0	0	0	
17. Did you have fewer bowel movements (stools) when this discomfort or pain began?	0	0	0	0	0	0	0	0	Ö	0	
Did you have harder bowel movements (stools) than usual when this discomfort or pain began?	0	0	0	0	0	0	0	0	0	0	
19. Did you have softer bowel movements (stools) than usual stools when this pain or discomfort began?	0	0	0	0	0	0	0	0	0	0	
20. Did you see MUCUS in your stools (that is, white or green slimy material)?	0	0	0	0	0	0	0	0	0	0	
21. Did you have MORE than 3 bowel movements each DAY (4 or more)?	0	0	0	0	0	0	0	0	0	0	
22. Did you have LESS than 3 bowel movements each WEEK (0 to 2)?	0	0	0	0	0	0	0	0	0	0	
23. Did you have to STRAIN to have a bowel movement?	0	0	0	0	0	0	0	0	0	0	
24. Did you have a sensation that stool was blocked (cannot be passed) when having a bowel movement?	0	0	0	0	0	0	0	0	0	0	
25. Did you need to press on or around your bottom or to remove stool by hand in order to complete the bowel movement?	0	0	0	0	0	0	0	0	0	0	
26. Were your stools LOOSE, MUSHY, or WATERY?	0	0	0	0	0	0	0	0	0	0	
27. Were your stools HARD or LUMPY?	0	0	0	0	0	0	0	0	0	0	
28. After finishing a bowel movement, did you feel there is still stool that needs to be passed?	0	0	0	0	0	0	0	0	0	0	

	·	Before deployment				During deployment					
		Never or Rarely	Sometimes	Often	Most of times	Almost Always	Never or Rarely	Sometimes	Often	Most of times	Almost Always
29. Did you experience an URGENT need to open your BOWELS that made you rush to a toilet?				0	0	0	0	0	0	0	0
30. Did you have the feeling of abdomen fullness or bloating or swelling?				0	0	0	0	0	0	0	0
31. Did you see your belly or abdomen swell up?	,	0	0	0	0	0	0	0	0	0	0
32. Did you have HEARTBURN (a burning or ache behind the chest)? (Do not count pain from angina or heart tro		0	0	0	0	0	0	0	0	0	0
33. Was your heartburn made better by taking antacids (like Mylanta, Maalox, Gaviscon, or Rolaids)?	e Tums, Riopan,	0	0	0	0	0	0	0	0	0	0
34. Did you notice a very sour or acid tasting fluid at the back of your throat?			0	0	0	0	0	0	0	0	0
35. How many times did you have a feeling of nausea, WANTING TO THROW UP (but did not)? Before deployment During deployment						TARRETT A					
O None or less than a month	O None or less than a month					75.75.71					
O About once a month	O About once a month										

Before deployment	During deployment
O None or less than a month	O None or less than a month
O About once a month	O About once a month
O About once a week	O About once a week
O Several times a week	O Several times a week
O Daily	O Daily

36. How many times did you ACTUALLY THROW UP (vomited)?

Before deployment	During deployment.
O None or less than a month	O None or less than a month
O About once a month	O About once a month
O About once a week	O About once a week
O Several times a week	O Several times a week
O Daily	O Daily

37. How would YOU have described your usual bowel pattern?

Before deployment	During deployment
O Normal	O Normal
O Constipated	O Constipated
O Diarrhea	O Diarrhea
O Alternating Constipated and Diarrhea	O Alternating Constipated and Diarrhea

Current Digestive Health Questionnaire

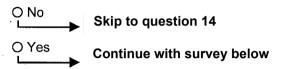
OMB 2900-XXXX Estimated Burden: 14 minutes

This questionnaire is about your **Current** Digestive Health.

Directions: Please fill Circles like this: ● Not like this: ※ or this: ダ

First, we would like to ask you some questions about any stomach, belly, or tummy pain or discomfort in the last three months.

1. Have you had a discomfort or pain in your stomach or belly (gut) in the last 3 months? (Please do NOT count cramps or pain with menstrual periods, and do NOT count pain in vour chest.)



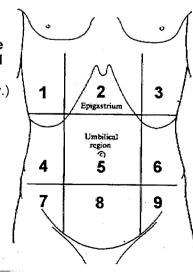
Stomach or belly pain can be difficult to describe and sometimes more than one type of pain or discomfort can occur. Please think about the usual or primary type of pain you have. We would like to ask you some questions only about the **USUAL** or **PRIMARY** pain or discomfort in your stomach or belly.

- 2. Have you had this same pain or discomfort more than six times in the past year?
 - O No O Yes
- 3. Did you have pain (not discomfort)?
 - O No O Yes
- 4. Have you had the pain or discomfort for 6 months or longer?
 - O No O Yes
- 5. Concerning your primary pain or discomfort, where is your abdominal pain located? (Mark all that apply.)



 $\bigcirc 4$ O_9

O30.8 O_5



6.		ns best describe(s) the comfort you often have?
	O Pressure	O Burning sensation
	O Dull ache	O Cramps
	O Stabbing	
7.	How bad is the pai (Mark one answer.)	n or discomfort usually?
	O Very mild	O Severe
	O Mild	O Very severe
	O Moderate	,
8.	Does your usual powake you from sle	ain or discomfort ever ep?
	O No O Yes	. •
9.	In the past 3 month you get this pain o (Mark one answer.)	ns, how many times did or discomfort?
	O Never	S4
	O Less than 1 day	a month
	O 1 day a month	
	O 2 or 3 days a mo	nth
	O 1 day a week	
	O More than 1 day	a week
	O Every day	

10. When in your life did this pain or discomfort first begin as close as you can recall? (Mark one answer.)

- O In the last 6 months
- O 7 months to 1 year ago
- O More than 1 year to 2 years ago
- O More than 2 years to 5 years ago
- O More than 5 years to 10 years ago
- O More than 10 years to 20 years ago
- O More than 20 years ago
- 11. Does this pain or discomfort come and go periodically? (Periodically here means periods at least a month with no pain, with periods in between of weeks to months when there is pain.)
 - O No O Yes

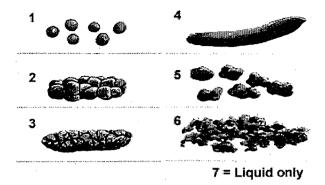
O No O Yes Rarely Most of times Never or 13. In the past 3 months... (Mark one answer for each line.) did this pain or discomfort occur before meals or when hungry?..... \circ did this pain or discomfort occur immediately after meals (less than 30 minutes)?..... did this pain or discomfort occur 30 minutes to 2 hours after meals?..... Ó did this pain or discomfort occur 3 to 8 hours after meals?..... was this pain or discomfort made better (relieved) by burping (bringing up air O Ö through mouth)?.... was this pain or discomfort made better (relieved) by having a bowel movement? O was this pain or discomfort made better by eating?..... was this pain or discomfort made worse by food or milk?..... O O was this pain or discomfort made worse by having a bowel movement?..... did you have more bowel movements (stools) when this pain or discomfort begins? . . O did you have looser bowel movements (stools) when this pain or discomfort begins? . did you have fewer bowel movements (stools) when this pain or discomfort begins?.. did you have harder bowel movements (stools) when this pain or discomfort begins?. O did this pain or discomfort also occur between or below your shoulder blades?..... Ö did this pain or discomfort also occur in the middle of your back?..... did you have bloating or visible swelling when this pain or discomfort begins? O \circ when you had this pain or discomfort, how often did it limit or restrict your daily activities (for example: work, household activities, and social events)?....... O

12. In the past 3 months, did this pain or discomfort go away completely between episodes?

An important purpose of this study is to learn about bowel habits in the community in the last 3 months.

14. Has your bowel habit changed in the last year? O Yes O No If no, go to If yes, did you have any viral question 15. illness (like the flu or bad diarrhea) just before your change in bowel habit? O No O Yes 15. In the past 3 months, how would you describe your usual bowel pattern? (Mark one answer.) O Normal O Constipated O Diarrhea If normal, go to O Alternating constipation and question 16. diarrhea If your usual bowel pattern is not normal, when in your life did you first notice that your bowel pattern was not normal? (Mark one answer.) O In the last 6 months O 7 months to 1 year ago O More than 1 year to 2 years ago O More than 2 years to 5 years ago O More than 5 years to 10 years ago O More than 10 years to 20 years ago O More than 20 years ago 16. How many bowel movements do you usually have in a week? (Mark one answer.) O 1 or less 02 O 3 to 4 O 5 to 8 O 9 to 12 O 13 to 16 O 17 to 21 O 22 to 26

17. How would you describe your last bowel movement? (Mark one answer.)



- O 1. Separate hard lumps, like nuts
- O 2. Sausage shaped but lumpy
- O 3. Like a sausage or snake but with cracks on the surface
- O 4. Like a sausage or snake, smooth and soft
- O 5. Soft blobs with clear cut edges
- O 6. Fluffy pieces with ragged edges, a mushy stool
- O 7. Watery, no pieces, liquid only
- 18. In the past 3 months, have you seen mucus in your stools (that is, white or green slimy material)?
 - O No O Yes
- 19. In the past 3 months, have you noticed any blood in your stools or in the toilet bowl? (Mark all that apply.)
 - O_{No}
 - O Yes bright red blood
 - O Yes dark black stools
- 20. In the past 3 months, were there at least 3 weeks when you had fewer than 3 bowel movements (0 to 2) a week?
 - O No O Yes

O More than 26

21. In the past 3 months, did you strain during at least one fourth (1/4) of bowel movements? (Mark one answer.)O Never or rarely	26. In the past 3 months, did you have difficulty relaxing or letting go to allow the stool to come out, with at least one fourth (1/4) of bowel movements? (Mark one answer.)
O Sometimes	O Never or rarely
O Often	O Sometimes
	O Often
O Most of the time	O Most of the time
O Always	O Always
22. In the past 3 months, were at least one fourth (1/4) of your stools hard or lumpy? (Mark one answer.)	27. Did having hard stools or straining begin more than 6 months ago?
O Never or rarely	O No O Yes
O Sometimes	O NO O res
O Often	
O Most of the time	28. In the past 3 months, were there 21 days
O Always	when you had more than 3 (4 or more) bowel movements a day?
<i>- 7</i>	
23. In the past 3 months, after at least one fourth (1/4) of bowel movements, did you feel there	O No O Yes
is still stool that needs to be passed? (Mark one answer.)	29. In the past 3 months, were your stools LOOSE or WATERY? (Mark one answer.)
O Never or rarely	O Never or rarely
O Sometimes	O Sometimes
O Often	O Often
O Most of the time	O Most of the time
O Always	O Always
24. In the past 3 months, did you have a sensation that the stool was blocked (cannot be passed) during at least one fourth (1/4) of bowel movements? (Mark one answer.)	30. In the past 3 months, did you experience an URGENT need to open your BOWELS that makes you rush to a toilet? (Mark one answer.
O Never or rarely	O Never or rarely
O Sometimes	O Sometimes
O Often	O Often
O Most of the time	O Most of the time
O Always	O Always
25. In the past 3 months, did you need to press on or around your bottom or to remove stool by hand in order to complete the bowel movement, with at least one fourth (1/4) of bowel movements? (Mark one answer.)	31. Did loose or watery stools begin more than 6 months ago. ○ No ○ Yes
O Never or rarely	
O Sometimes	
O Often	
O Most of the time	
O Always	

accidentally	leaked liquid or solid stool?		OTHER COM	PLAINTS.
(Mark one and O Never	O Less than 1 day a month O 1 day a month O 2 or 3 days a month	į	you had th	3 months, how many times have e feeling of a lump, fullness, or stuck in your throat?
question 33.	☐ 1 day a week☐ More than 1 day a week☐ Every day☐ I		If never, go to question 35.	•
	In the past 3 months, when this leakage occurred, about what amount was leaked? O A small amount (staining only) O Moderate amount (more than staining but less than a full bowel movement) O Large amount (a full bowel			O 1 day a week O More than 1 day a week Every day Have you had this feeling 6 months or longer? O No O Yes
	movement) In the past 3 months, when this leakage occurred, about what was the composition of leakage? O Staining of underwear only O Liquid/mucus only O Stool only O Both liquid/mucus and stool			Does this feeling occur between meals (when you are not eating)? O No O Yes When you are eating or drinking, does it hurt to swallow? O Never or rarely O Most of the tir O Sometimes O Always O Often
had aching, rectum whe movement? O Never	B months, how often have you pain, or pressure in the anus or n you were not having a bowel (Mark one answer.) O Less than 1 day a month O 1 day a month		you had pa your chest (Mark one a O Never	O Less than 1 day a month O 1 day a month
If never, go to question 34.	○ 2 or 3 days a month○ 1 day a week○ More than 1 day a week○ Every day		If never, go to question 36.	O 2 or 3 days a month O 1 day a week O More than 1 day a week O Every day
	How long did the aching, pain, or pressure last? O From seconds to minutes and disappears completely O More than 20 minutes and up movement) Did the aching, pain, or pressure in the anal canal or rectum begin more than 6 months ago?		or O With offt	ve you had this chest pain 6 months longer? No OYes nen you had your chest pain, how en did it feel like burning? Never or rarely O Most of the time Sometimes O Always Often
	O No. O Yes			

heartburn (a breast bone	months, how often have you had burning or ache behind the in the chest)? (Do not count pain		notice	d a ve	months, how often have you ry sour or acid tasting fluid at your throat? (Mark one answer.)
from angina o	or heart trouble.) (Mark one answer.)		O Neve	er	O Less than 1 day a month
O Never	O Less than 1 day a month		· 🔱		O 1 day a month
—	O 1 day a month		If never,		O 2 or 3 days a month
If never, go to	O 2 or 3 days a month		question	38.	O 1 day a week
question 37.	O 1 day a week				O More than 1 day a week
/ `	O More than 1 day a week				O Every day
	O Every day				
				. [Have you had this problem for
	Have you had this heartburn for 6 months or longer?				6 months or longer?
	O No O Yes				O No O Yes
	How severe was it usually? (Mark one answer.)	\$ 10 °	; a		In the past 3 months, have you awakened from sleep because of acid in your throat or mouth?
	O Very mild O Mild	i i		į	O No O Yes
4	O Moderate		38. In the p	oast 3	months, have you had
	O Severe				allowing (food or drinks get
	O Very severe		stuck i (Mark c		r throat after swallowing)? swer.)
	As close as you can recall, when in your life did this heartburn begin? (Mark one answer.)		O Neve		O Less than 1 day a month O 1 day a month
•	O In the last 6 months		If never, question		O 2 or 3 days a month
	O 7 months to 1 year ago		question	33,	☐ O 1 day a week
	O More than 1 year to 2 years ago				O More than 1 day a week
	O More than 2 years to 5 years ago				O Every day
,					
	O More than 5 years to 10 years ago				<u>+</u> .
	O More than 10 years to 20 years ago			_	you had this problem for
	O More than 20 years ago			,	nths or longer?
	Is your heartburn made better by taking antacids (like Tums, Riopan, Mylanta, Maalox, Gaviscon, or Rolaids)? (Mark one answer.)	ŀ		With	o O Yes what did you have difficulty? cone answer.)
	,			O B	oth solid foods and liquids
•	O Never or rarely				olid foods only
	O Sometimes			-	quids only
	O Often				
	O Most of the time				the symptom of food sticking ciated with heartburn?
	O Always				
	O I don't take medication				ever or rarely
					ometimes
•				00	
		1		OM	ost of the time

O Always

39. In the past 3 months, how many times did you feel uncomfortably full after a regular-size meal? (Mark one answer.)											
○ Never	O Less than 1 day a month O 1 day a month										
If never, go to	O 2 or 3 days a month										
question 40.	O 1 day a week										
	O More than 1 day a week										
	O Every day										
Have you had this uncomfortable fullness after meals 6 months or longer?											
	O No O Yes										
	months, how many times were to finish a regular size meal? aswer.)										
O Never	O Less than 1 day a month										
+	O 1 day a month										
If never, go to	O 2 or 3 days a month										
question 41.	O 1 day a week										
V	O More than 1 day a week										
O Every day											
U Every day ↓											
Have you had this inability to finish regular size meals for 6 months or longer?											
·	O No O Yes										
41. In the past 3 months, how many times did you have pain or burning in the middle of your abdomen, above your belly button but not in your chest? (Mark one answer.)											
O Never	O Less than 1 day a month										
*	O 1 day a month										
If never, go to	O 2 or 3 days a month										
question 42.	O 1 day a week										
	O More than 1 day a week										
	O Every day										
	\										
	Have you had this pain or burning										
	for 6 months or longer?										
•	Questions continue next column										

Does this pain or burning occur and then completely disappear during the same day?
O No O Yes
Usually, how severe was the pain in the middle of your abdomen, above your belly button? (Mark one answer.)
O Very mild O Mild O Moderate
O Severe O Very severe
Is this pain or burning affected by eating?
O No effect of eating
O Worse pain after eating
O Less pain after eating
Does this pain or burning usually get better or stop after a bowel movement or passing gas?
O No O Yes
When this pain or burning starts, do you usually have a change in the number of bowel movements (either more or fewer)?
O No O Yes
When this pain or burning starts, do you usually have softer or harder stools?
O No O Yes

you have bo	months, how many times did othersome nausea (wanting to Mark one answer.)	44. In the past 3 months, how many times have you brought up food into your mouth? (Mark one answer.)					
O Never C Less than 1 day a month O 1 day a month O 2 or 3 days a month O 1 day a week O More than 1 day a week		If never, question	O 1 day a month go to O 2 or 3 days a month				
	O Every day Did this nausea start more than 6 months ago?		O Every day Have you had this for 6 months or longer? ○ No ○ Yes				
	O No O Yes months, how many times have thrown up (vomited)?	· · · · · · · · · · · · · · · · · · ·	When food comes into your mouth, do you generally hold it in your mouth for a while and then swallow it again or spit it out? (Mark one answer.)				
○ Never If never, go to question 44.	O Less than 1 day a month O 1 day a month O 2 or 3 days a month O 1 day a week O More than 1 day a week	,	O Don't generally hold it O Swallow it after a while O Spit it out after a while How often did you have retching (heaving) before food comes to				
	O Every day Have you had this vomiting for 6 months or longer? O No O Yes		your mouth? (Mark one answer.) O Never or rarely O Sometimes O Often O Most of the time O Always O I don't take medication				
	Did you make yourself vomit? (Mark one answer.) O Never or rarely O Sometimes		When food comes into your mouth, how often do you vomit or feel sick to your stomach? (Mark one answer.)				
	O Often O Most of the time O Always O I don't take medication		O Never or rarely O Sometimes O Often O Most of the time O Always				
	Did you have vomiting in the last year that occurred in separate episodes of a few days and then stopped? O No O Yes		O I don't take medication Do you stop bringing up food when it turns sour or acidic? (Mark one answer.)				
	Did you have at least three episodes during the past year? O No O Yes		O Never or rarely O Sometimes O Often O Most of the time				
			O Always O I don't take medication				

you	e past 3 months, how many times have experienced bothersome belching or bing? (Mark one answer.)	47. Within the last year had you lost your appetite? (Mark one answer.)
•		O Never or rarely
ŅΝ	ever O Less than 1 day a month	O Sometimes
	O 1 day a month	O Often
	er, go to O 2 or 3 days a month	O Most of the time
quest	on 46.	O Always
	O More than 1 day a week	
	O Every day	48. In the past 3 months, have you lost weight
		without deliberately dieting?
	<u> </u>	¬
	Did this bothersome belching	O Less than 7 pounds
	start more than 6 months ago?	O 7 pounds to less than 10 pounds
	O No O Yes	O 10 pounds or more
		J To pounds of more
you	ne past 3 months, how many times have felt bloated in your abdomen or had ble swelling? (Mark one answer.)	49. In the past 3 months, have you taken your temperature and found it to be over 99 degrees F (38 degrees C) on several days?
ON	ever O Less than 1 day a month	O No O Yes
Ŭ.	O 1 day a month	50. In the past 3 months, have you been told by
If nev	er, go to O 2 or 3 days a month	your doctor that you are anemic (a low
	ion 47. O 1 day a week	blood count or low iron), and it is not due
	O More than 1 day a week	to your menstrual period?
		O No. O Yea
	O Every day	○ No ○ Yes
	1	51. In the past 3 months, have you vomited
	Did the bloating begin more than	blood?
	6 months ago?	O No O Yes
		ONO OTES
	O No O Yes	52. In the past 3 months, have you had
	Bloating can occur mainly in the upper	increasing difficulty swallowing?
	belly (stomach), lower belly, or in both	O No O Yes
	the upper and lower belly. Concerning your bloating, has this bloating in your	
	belly usually been: (Mark one answer.)	
	O Above the navel, that is, in the upper belly?	·
	O Below the navel, that is, in the lower belly?	
		,
	O In different places in both the upper	
	and lower belly?	
	Did you feel bloated and actually see your belly swell up? (Mark one answer.)	
	O Never or rarely	
	O Sometimes	
	O Often	
	O Most of the time	
	O Always 1	
	O I don't take medication	
		, ,

53.				, did you have persistent eness of the voice?							
	O No	O Yes	3	·							
54.	In the past 3 months, did you have persistent or worsening neck or throat pain?										
	O No	O Yes	\$								
55.				, have you had a recent vel habit?							
	O No	O Yes	6								
56.		exerti	on, or	, did you have chest chest pain related to							
	O No	O Yes	3								
57.	57. Do you have a parent or sibling who has or had one of the following:										
	Cancer of the esophagus?										
	O No	0	Yes	O I don't know							
	Cance	er of the	stoma	ch?							
	O No	0	Yes	O I don't know							
	Cance	er of the	colon	(large bowel)?							
	O No	0	Yes	O I don't know							
	Ulcera	ative co	litis or	Crohn's disease?							
	O No	0	Yes	O I don't know							
	Celiad	diseas	e?								
	O No	0	Yes	O I don't know							
				•							

IMPORTANT: For each of the symptoms or illnesses below, please indicate how often it occurred and how bothersome it was in the last year.

	/ HO	N RO	TUE	NO25	IE2								
HOW OFTEN? How often													
Occurs about one Aprob	50			Slight 	tly bo	ely both bo	ely bo	The state of the s					
Nor one	Outon	ral tip	00			Not with	me w	me w	me w				
Aprob	e a mo	Ce a W	es a w	curs d	ajju	Severely bothersome when occurs Not a problem occurs							
								l	l		12.		
Headaches	0	0	0	0	0		0	0	0	0	0		
Backaches	0	0	0	0	0		0	0	0	0	0		
Asthma (wheezing)	0	0	0	0	0		0	0	0	0	0		
Trouble breathing	0	0	0	0	0		0	0	0	0	0		
Insomnia (difficulty sleeping)	0	0	0	0	0		0	0	0	0	0		
Fatigue (tiredness)	0	0	0	0	0		0	0	0	0	0		
General stiffness	0	0	0	0	0		0	0	0	0	0		
Heart palpitations (pounding or racing)	0	0	0	0	0		0	0	0	0	0		
Joint pains	0	0	0	0	0		0	0	0	0	0		
Eye pain associated with reading	0	0	0	0	0		0	0	0	0	0		
Dizziness	0	0	Ο	0	0		0	0	0	0	0		
Weakness	0	0	0	0	0		0	0	0	0	0		
Nervousness or shakiness	0	0	0	0	0		0	0	0	0	0		
Hot or cold spells	0	0	0	0	0		0	0	0	0	0		
High blood pressure	0	0	0	0	0		0	0	0	0	0		
Feeling anxious, fearful, or afraid	0	0	0	0	0		0	0	0	0	0		

Please check that you have responses for all 16 symptoms or illnesses — every item should have one bubble marked in the "How Often?" and the "How Bothersome?" columns.

OMB 2900-XXXX Estimated Burden: 6 minutes

Additional Questions About Digestive Health

Directions: Please fill Circles like this: ● Not like this: ▼ or this: ダ		₹	rate	a	me
Have you had any of the following in the past 30 DAYS.	Not at	Slightly	Moderate	Quite	Extreme
I feel helpless because of my bowel problems.	0	0	0	0	0
2. I am embarrassed by the smell caused by my bowel problems.				0	0
3. I feel vulnerable to other illnesses because of my bowel problems.	0	0	0	0	0
4. I feel uncomfortable when I talk about my bowel problems.	0	0	0	0	0
I feel depressed about my bowel problems.				0	0
6. I feel isolated from others because of my bowel problems.	0	0	0	0	0
7. Because of my bowel problems, sexual activity is difficult for me.	0	0	0	0	0
8. I feel angry that I have bowel problems.	0	0	0	0	0
9. I feel irritable because of my bowel problems.	0	0	0	0	0
10. I feel sluggish because of my bowel problems.	0	0	0	0	0
11. I feel unclean because of my bowel problems.	0	0	0	0	0
12. Long trips are difficult for me because of my bowel problems.	0	0	0	0	0
13. I feel frustrated that I cannot eat when I want because of my bowel problems.	0	0	0	0	0
14. It is important to be near a toilet because of my bowel problems.				0	0
15. I feel that no one understands my bowel problems.			0	0	0
16. I am bothered by how much time I spend on the toilet.		0	0	0	0
17. I feel fat because of my bowel problems.			0	0	0
18. I feel like I'm losing control of my life because of my bowel problems.			0	0	0
19. I feel my life is less enjoyable because of my bowel problems.			0	0	0
20. I have to watch the amount of food I eat became of my bowel problems.			0	0	0
21. I feel like I irritate others because of my bowel problems.	0	0	0	0	0
22. I worry that my bowel problems will get worse.	0	0	0	0	0
23. I feel I get less done because of my bowel problems.	0	0	0	0	0
24. I have to avoid stressful situations because of my bowel problems.			0	0	0
25. My bowel problems limit what I can wear.		0	0	0	0
26. I have to avoid strenuous activity because of my bowel problems.		0	0	0	0
27. I have to watch the kind of food I eat because of my bowel problems.		0	0	0	0
28. Because of my bowel problems, I have difficulty being around people I do not know well.			0	0	0
29. My life revolves around my bowel problems.			Ö	0	0
30. I worry about losing control of my bowels.			0	0	0
31. I fear that I won't be able to have a bowel movement.				0	0
32. My bowel problems are affecting my closest relationships.				0	0