Form Approved OMB No. Expiration Date:

Attachment 22

Symptomatology Questionnaires

<<CDC Symptom Inventory>>

Public reporting burden of this collection of information is estimated to average 12 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or an other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer; 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-XXXX)

CDC Symptom Inventory

These questions are about physical symptoms that you may have experienced during the past month.

Fatig C.1		g the <u>past m</u>	onth, have you had fatigue, tiredness, or exhaustion?
		□ ₁ Ye	S
		□ ₂ No	(Skip to C.1f)
	C.1a	During the exhaustion	<u>past month</u> , how often have you had fatigue, tiredness or?
			A little of the time
		1 2	Some of the time
		3	A good bit of the time
		4	Most of the time
		 5	All of the time
	C.1b	During the	<u>past month</u> , how bad was your fatigue, tiredness or exhaustion?
			Very mild
			Mild
		 3	Moderate
		4	Severe
		 5	Very severe

Prior to this pexhaustion?	past month, for how long had you had fatigue, tiredness or
	Less than 6 months (Skip to C.1e)
□ ₂	6 − 12 months
_ _ 3	More than 12 months
	C.1d For how many <u>years</u> have you had fatigue, tiredness or exhaustion?
	Record Number of Years
Do you consid your ill-health	der your fatigue, tiredness or exhaustion to <u>currently</u> be part of h?
	Yes
1 2	No
Has fatigue, t past?	iredness or exhaustion been a part of your ill-health in the
	Yes
	No
	Do you conside your ill-health past?

Sore Throat

\sim	D '	1	1	1 1	sore throat?
C.2	I liiring the	nact month	nava vani	naa a	CULD THEODES
U.Z	Dui ille uic	past momm,	mave you	nau a	SULC UII Vati

 $\begin{array}{ccc}
\square_1 & \text{Yes} \\
\square_2 & \text{No} & \longrightarrow & \text{(Skip to C.2f)}
\end{array}$

C.2a During the <u>past month</u>, how often have you had a sore throat?

- \Box_1 A little of the time
- \Box_2 Some of the time
- \square_3 A good bit of the time
- \square_4 Most of the time
- \Box_5 All of the time

C.2b During the past month, how bad was your sore throat?

- □ 1 Very mild
- \square_2 Mild
- \square_3 Moderate
- \Box_4 Severe
- □ 5 Very severe

C.2c	Prior to this p	past month, for how long had you had a sore throat?
		Less than 6 months (Skip to C.2e) 6 – 12 months (Skip to C.2e) More than 12 months
		C.2d For how many <u>years</u> have you had a sore throat?
		Record Number of Years
C.2e	Do you consid	ler your sore throat to <u>currently</u> be part of your ill-health?
		Yes
		No
C.2f	Has a sore thi	roat been a part of your ill-health in the past?
	\Box_1	Yes
	\square_2	No

Tender Lymph Nodes and Swollen Glands

		Yes	
	□ 2	No	(Skip to C.3f)
C.3a		ng the <u>p</u> en gland	ast month, how often have you had tender lymph nodes or ds?
			A little of the time
			Some of the time
		 3	A good bit of the time
			Most of the time
		D ₅	All of the time
C.3b		ng the <u>p</u>	ast month, how tender were your lymph nodes or how swolld ands?
			Very mild
			Mild
		 3	Moderate
			Severe
		 5	Very severe

C.3c	Prior to this part of the swollen gland	past month, how long had you had tender lymph nodes or ls?
		Less than 6 months (Skip to C.3e)
	□ ₂	6 − 12 months
	 3	More than 12 months
		C.3d For how many <u>years</u> have you had tender lymph nodes or swollen glands?
		Record Number of Years
C.3e	Do you consid part of your i	der your tender lymph nodes or swollen glands to <u>currently</u> be ll-health?
		Yes
	Q 2	No
C.3f	Have tender the past?	lymph nodes or swollen glands been a part of your ill-health <u>in</u>
		Yes
		No

<u>Diarrhea</u>

		•
	□ 1 Yes □ 2 No	──► (Skip to C.4f)
C.4a	During the <u>p</u>	ast month, how often have you had diarrhea?
		A little of the time
		Some of the time
	□ 3	A good bit of the time
	4	Most of the time
	1 5	All of the time
C.4b	During the <u>p</u>	ast month, how bad was your diarrhea?
C.4b	During the p	ast month, how bad was your diarrhea? Very mild
C.4b		·
C.4b		Very mild
C.4b		Very mild Mild

C.4c	Prior to this	past month, for how long had you had diarrhea?
		Less than 6 months (Skip to C.4e) 6 – 12 months (Skip to C.4e) More than 12 months
		C.4d For how many <u>years</u> have you had diarrhea?
		Record Number of Years
C.4e	Do you cons	ider your diarrhea to <u>currently</u> be part of your ill-health?
		Yes
		No
C.4f	Has diarrhe	a been a part of your ill-health in the past?
		Yes
		No

Fatigue After Exertion

C.5 During the <u>past month</u> , have you been unusually fatigued or unwell day after exerting yourself in any way?				
		□ ₁	Yes No –	→ (Skip to C.5f)
	C.5a	During exertio		st month, how often have you had unusual fatigue after
				A little of the time
				Some of the time
			 3	A good bit of the time
			4	Most of the time
			D ₅	All of the time
	C.5b	During	the <u>pas</u>	st month, how bad was your unusual fatigue after exertion?
				Very mild
			1 2	Mild
			 3	Moderate
			4	Severe
			□ ₅	Very severe

C.5c	Prior to this pexertion?	past month, for how long had you had unusual fatigue after
		Less than 6 months (Skip to C.5e)
	□ 2	6-12 months — (Skip to C.5e)
	1 3	More than 12 months
	_	C.5d For how many <u>years</u> have you had unusual fatigue after exertion?
		Record Number of Years
C.5e	Do you conside your ill-health	er your unusual fatigue after exertion to <u>currently</u> be part of ?
		Yes
		No
C.5f	Has unusual fa	atigue after exertion been a part of your ill-health <u>in the past?</u>
		Yes
		No

Muscle Aches and Pains

C.6

Durin	g the <u>pa</u>	ist mont	th, have you had muscle aches or muscle pain?
		Yes	> (01)
	\square_2	No	(Skip to C.6f)
C.6a	Durin pains?		ast month, how often have you had muscle aches or muscle
			A little of the time
			Some of the time
		 3	A good bit of the time
			Most of the time
		D ₅	All of the time
C.6b	Durin	g the <u>pa</u>	ast month, how bad were your muscle aches or muscle pains?
			Very mild
			Mild
		 3	Moderate
		□ 4	Severe
		D ₅	Very severe

C.6c	Prior to this pains?	past month, for how long have you had muscle aches or muscle
		Less than 6 months (Skip to C.6e)
	□ 2	6 − 12 months
	3	More than 12 months
	•	C.6d For how many <u>years</u> have you had muscle aches or muscle pains?
		Record Number of Years
C.6e	Do you consic your ill-healt	der your muscle aches or muscle pains to <u>currently</u> be part of h?
		Yes
		No
C.6f	Have muscle	aches or muscle pains been a part of your ill-health <u>in the past</u> ?
		Yes
	 2	No

Joint Pain

C .7	During the pas	<u>t month</u> , have	you had pain	in several joints?
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 $\begin{array}{ccc} \square_1 & \text{Yes} \\ \square_2 & \text{No} \end{array} \longrightarrow \begin{array}{c} \text{(Skip to C.7f)} \end{array}$

C.7a During the past month, how often have you had joint pain?

- \Box_1 A little of the time
- \square_2 Some of the time
- \square_3 A good bit of the time
- \square_4 Most of the time
- \Box_5 All of the time

C.7b During the <u>past month</u>, how bad was the joint pain?

- \Box_1 Very mild
- □₂ Mild
- \square_3 Moderate
- □₄ Severe
- □ 5 Very severe

C.7 c	Prior to this	past month, for how long had you had joint pain?
		Less than 6 months (Skip to C.7e) 6 – 12 months (Skip to C.7e) More than 12 months
	_	C.7d For how many <u>years</u> have you had joint pain?
		Record Number of Years
C.7e	Do you conside	er your joint pain to <u>currently</u> be part of your ill-health?
		Yes
		No
C.7f	Has joint pain	been a part of your ill-health <u>in the past</u> ?
		Yes
		No

<u>Fever</u>

C.8	During the	past month, hav	ve you had a fever?
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 \square_1 Yes \square_2 No \longrightarrow (Skip to C.8f)

C.8a During the past month, how often have you had a fever?

- \Box ₁ A little of the time
- \square_2 Some of the time
- \Box_3 A good bit of the time
- \square_4 Most of the time
- \Box_5 All of the time

C.8b During the past month, how bad was your fever?

- □ 1 Very mild
- □₂ Mild
- \Box_3 Moderate
- □₄ Severe
- □ 5 Very severe

C.8c	Prior to this p	ast month, for how long had you had a fever?
		Less than 6 months (Skip to C.8e)
		6 − 12 months
	 3	More than 12 months
		C.8d For how many <u>years</u> have you had a fever?
		Record Number of Years
C.8e	Do you consid	er your fever to <u>currently</u> be part of your ill-health?
		Yes
		No
C.8f	Has a fever be	en a part of your ill-health in the past?
		Yes
	1 2	No

Chills

C.9	During the <u>pas</u>	<u>t month</u> , have	you had chills?
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 \square_1 Yes \square_2 No \longrightarrow (Skip to C.9f)

C.9a During the past month, how often have you had chills?

- \Box ₁ A little of the time
- \square_2 Some of the time
- \square_3 A good bit of the time
- \square_4 Most of the time
- \Box_5 All of the time

C.9b During the past month, how bad were your chills?

- □₁ Very mild
- □₂ Mild
- \Box_3 Moderate
- □₄ Severe
- □ 5 Very severe

C.9c	Prior to this p	past month, for how long had you had chills?
		Less than 6 months (Skip to C.9e)
		6 − 12 months
	3	More than 12 months
		C.9d For how many <u>years</u> have you had chills?
		Record Number of Years
C.9e	Do you consid	ler your chills to <u>currently</u> be part of your ill-health?
		Yes
		No
C.9f	Have chills be	een a part of your ill-health <u>in the past</u> ?
		Yes
	1 2	No

Unrefreshing Sleep

ng the <u>past month</u> , has unrefreshing sleep been a problem for you?			
p?			
sleep?			

		Less than 6 months (Skip to C.10e)
	\square_2	6 − 12 months (Skip to C.10e)
	_ 3	More than 12 months
		C.10d For how many <u>years</u> have you had unrefreshing sleep?
		Record Number of Years
C.10e	Do you consid	ler unrefreshing sleep to <u>currently</u> be part of your ill-health?
		Yes
		No
C.10f	Has unrefresl	ning sleep been a part of your ill-health in the past?
		Yes
		No

C.10c Prior to this past month, for how long had you had unrefreshing sleep?

Sleeping Problems

C.11		During the <u>past month</u> , have you had problems getting to sleep, sleeping through the night, or waking up on time?				
			Yes			
		□ 2	No	(Skip to C.11f)		
	C.11a	Durin	g the <u>pa</u>	st month, how often have you had sleeping problems?		
				A little of the time		
				Some of the time		
			□ ₃	A good bit of the time		
				Most of the time		
			 ₅	All of the time		
	C.11b	Durin	g the <u>pa</u>	st month, how bad were these sleeping problems?		
				Very mild		
				Mild		
			 3	Moderate		
			4	Severe		
			 ₅	Very severe		

C.11c	Prior to this p	past month, for how long had you had sleeping problems?
		Less than 6 months (Skip to C.11e)
	\square_2	6 − 12 months
	3	More than 12 months
		C.11d For how many <u>years</u> have you had sleeping problems?
		Record Number of Years
C.11e	health?	der your sleeping problems to <u>currently</u> be part of your ill-
		Yes
	Q 2	No
C.11f	Have sleeping	g problems been a part of your ill-health in the past?
		Yes
	1 2	No

Headaches

C.12	During	During the <u>past month</u> , have you had headaches?				
		□ ₁	Yes No -		(Skip to C.12f)	
	C.12a	During	g the <u>pas</u>	st mont	h, how often have you had headaches?	
				A little	of the time	
				Some o	of the time	
			 3	A good	l bit of the time	
			4	Most o	f the time	
			 5	All of t	the time	
	C.12b	During	the <u>pas</u>	st mont	h, how bad were your headaches?	
				Very n	nild	
				Mild		
			 3	Modera	ate	
				Severe		

Very severe

□₅

C.12c	Prior to this past month, for how long had you had headaches?			
		Less than 6 months (Skip to C.12e) 6 – 12 months (Skip to C.12e) More than 12 months C.12d For how many years have you headaches?		
		Record Number of Years		
C.12e		er your headaches to <u>currently</u> be part of your ill-health?		
		Yes		
		No		
C.12f	Have headach	es been a part of your ill-health <u>in the past</u> ?		
		Yes		
		No		

Memory Problems

C.13	During the <u>past month</u> , have you had forgetfulness or memory problems that caus you to substantially cut back on your activities?			
			Yes	
		\square_2	No	→ (Skip to C.13f)
	C.13a	During proble	-	past month, how often have you had forgetfulness or memory
				A little of the time
				Some of the time
			 3	A good bit of the time
				Most of the time
			 5	All of the time
	C.13b	During proble		ast month, how bad were your forgetfulness or memory
				Very mild
				Mild
			 3	Moderate
			4	Severe
			 5	Very severe

C.13c	Prior to this problems?	past month, for how long had you forgetfulness or memory
		Less than 6 months (Skip to C.13e)
	□ ₂	6 − 12 months
	3	More than 12 months
		C.13d For how many <u>years</u> have you had forgetfulness or memory problems?
		Record Number of Years
C.13e	Do you consider part of your i	der your forgetfulness or memory problems to <u>currently</u> be ll-health? Yes
		No
C.13f	Have forgetfupast?	ulness or memory problems been a part of your ill-health <u>in the</u> Yes No

Concentration

		Yes	
		No —	→ (Skip to C.14f)
C.14a	During to		st month, how often have you had difficulty with thinki
	Ţ		A little of the time
	ι	D ₂	Some of the time
	ι	 3	A good bit of the time
	ι	u ₄	Most of the time
	Ţ	D 5	All of the time
C.14b	During to		st month, how bad was your difficulty with thinking or
	Ţ		Very mild
	Ţ	 2	Mild
	ι	 3	Moderate
	Ţ	Q ₄	Severe
	Ţ	D ₅	Very severe

C.14c	Prior to this por concentrat	past month, for how long had you had difficulty with thinking ting?
		Less than 6 months (Skip to C.14e)
		6 − 12 months
	3	More than 12 months
		C.14d For how many <u>years</u> have you had difficulty with thinking or concentrating?
		Record Number of Years
C.14e	Do you conside be part of you	der your difficulty with thinking or concentrating to <u>currently</u> ur ill-health?
		Yes
	1 2	No
C.14f	Has difficulty in the past?	with thinking or concentrating been a part of your ill-health
		Yes
		No
	Q 2	No
	1 2	No

Nausea

C.15	During the <u>past month</u> , have y	ou had nausea?

 $\begin{array}{ccc}
\square_1 & \text{Yes} \\
\square_2 & \text{No} & \longrightarrow & \text{(Skip to C.15f)}
\end{array}$

C.15a During the past month, how often have you had nausea?

- \Box_1 A little of the time
- \Box_2 Some of the time
- \square_3 A good bit of the time
- \square_4 Most of the time
- \Box_5 All of the time

C.15b During the past month, how bad was the nausea?

- \Box_1 Very mild
- \square_2 Mild
- \Box_3 Moderate
- □₄ Severe
- □ 5 Very severe

C.15c	Prior to this <u>p</u>	ast month, for how long had you had nausea?
		Less than 6 months (Skip to C.15e)
		6 − 12 months Skip to C.15e)
	3	More than 12 months
		C.15d For how many <u>years</u> have you had nausea?
		Record Number of Years
C.15e	Do you consid	er your nausea to <u>currently</u> be part of your ill-health?
		Yes
	1 2	No
C.15f	Has nausea be	en a part of your ill-health in the past?
		Yes
		No

Stomach or Abdominal Pain

C.16	During	g the <u>pa</u>	st mont	h, have you had stomach or abdominal pain?
			Yes No	(Skip to C.16f)
	C.16a	During pain?	g the <u>pa</u>	st month, how often have you had stomach or abdominal
				A little of the time
				Some of the time
			 3	A good bit of the time
			□ ₄	Most of the time
			D ₅	All of the time
	C.16b	Durin	g the <u>pa</u>	st month, how bad was your stomach or abdominal pain?
				Very mild
			1 2	Mild
			 3	Moderate
			□ 4	Severe
			 5	Very severe

C.16c	Prior to this pain?	<u>past month,</u> for how long had you had stomach or abdominal
		Less than 6 months (Skip to C.16e)
		6 − 12 months
	 3	More than 12 months
		C.16d For how many <u>years</u> have you had stomach or abdominal pain?
		Record Number of Years
C.16e	Do you conside your ill-healt	der your stomach or abdominal pain to <u>currently</u> be part of h? Yes
	1 2	No
C.16f	Has stomach	or abdominal pain been a part of your ill-health <u>in the past</u> ?
		Yes
		No

Sinus or Nasal Problems

C.17	During	uring the <u>past month</u> , have you had sinus or nasal symptoms?		
		□ ₁	Yes No	── (Skip to C.17f)
	C.17a	During	g the <u>pa</u> s	st month, how often have you had sinus or nasal symptoms?
				A little of the time
				Some of the time
			 3	A good bit of the time
			4	Most of the time
			 5	All of the time
	C.17b	During	g the <u>pa</u> s	st month, how bad were your sinus or nasal symptoms?
				Very mild
				Mild
			 3	Moderate
			4	Severe
			□ 5	Very severe

C.17c	Prior to this psymptoms?	past month, for how long had you had sinus or nasal
		Less than 6 months (Skip to C.17e)
	□ ₂	6 − 12 months
	_ 3	More than 12 months
		C.17d For how many <u>years</u> have you had sinus or nasal symptoms?
		Record Number of Years
C.17e	Do you considill-health?	der your sinus or nasal symptoms to <u>currently</u> be part of your
		Yes
	□ 2	No
C.17f	Have sinus o	r nasal symptoms been a part of your ill-health <u>in the past</u> ?
		Yes
	 2	No

Shortness of Breath

C.18	During	During the <u>past month</u> , have you had shortness of breath?		
		□ ₁	Yes No –	→ (Skip to C.18f)
	C.18a	During	the pas	st month, how often have you had shortness of breath?
				A little of the time
				Some of the time
			 3	A good bit of the time
			4	Most of the time
			D ₅	All of the time
	C.18b	During	the <u>pas</u>	st month, how bad was your shortness of breath?
				Very mild
				Mild
			□ ₃	Moderate
			□ ₄	Severe
			 5	Very severe

C.18c	Prior to this	s <u>past month</u> , for how long had you had shortness of breath?
		Less than 6 months (Skip to C.18e) $6 - 12 \text{ months} \text{ (Skip to C.18e)}$ More than 12 months
	-	C.18d For how many <u>years</u> have you had shortness of breath?
		Record Number of Years
C.18e	Do you conside health?	der your shortness of breath to <u>currently</u> be part of your ill- Yes No
C.18f	Has shortness	s of breath been a part of your ill-health in the past?
		Yes
		No

Sensitivity to Light

3.19	During	g the <u>pas</u>	st mont	h, have your eyes been sensitive to light?
		□ ₁	Yes No	→ (Skip to C.19f)
	C.19a	During	g the <u>pa</u>	ast month, how often have you been sensitive to light?
				A little of the time
				Some of the time
			 3	A good bit of the time
			4	Most of the time
			 ₅	All of the time
	C.19b	During	g the <u>pa</u>	st month, how bad was your sensitivity to light?
				Very mild
				Mild
			□ ₃	Moderate
				Severe
			 5	Very severe

		Less than 6 months (Skip to C.19e) $6 - 12 \text{ months} \text{ (Skip to C.19e)}$ More than 12 months
		C.19d For how many <u>years</u> have you been sensitive to light?
		Record Number of Years
C.19e	Do you considhealth?	der your sensitivity to light to <u>currently</u> be part of your ill-
		Yes
		No
C.19f	Has sensitivit	y to light been a part of your ill-health in the past?
		Yes
		No

C.19c Prior to this past month, for how long have you been sensitive to light?

Depression

C.20

		Yes No	→ (Skip to C.20f)
C.20a	Durin	g the <u>pa</u>	st month, how often have you been depressed?
			A little of the time
			Some of the time
		 3	A good bit of the time
		4	Most of the time
		 ₅	All of the time

Very mild

Moderate

Very severe

Severe

Mild

 \square_3

5

During the past month, have you been depressed?

C.20c	Prior to this p	past month, for how long had you been depressed?
		Less than 6 months \longrightarrow (Skip to C.20e) 6 – 12 months \longrightarrow (Skip to C.20e)
	_ 3	More than 12 months
		C.20d For how many <u>years</u> have you had problems with depression?
		Record Number of Years
C.20e		der your depression to <u>currently</u> be part of your ill-health? Yes
	□ ₂	No
C.20f	Has depressio	on been a part of your ill-health in the past?
		Yes
		No

Other Symptoms

C.21			st month, have any other symptoms in addition to those we have about been part of your ill-health?
			Yes
			No ──→ (Skip to C.22)
	C.21a	What o	other symptoms have been part of your ill-health <u>during the past</u> ?
		Pleas	se specify the symptoms using the spaces below.
		1.	
		2.	
		3.	
		4.	
		5.	

C.22 Which of the following symptoms has bothered you the most <u>during the past month?</u>

Please $\underline{\text{check one box}}$ that describes that $\underline{\text{symptom that bothered you most}}$ during $\underline{\text{the past month}}$.

	Fatigue, tiredness, or exhaustion
	Sore throat
 3	Tender lymph nodes or swollen glands in your neck or armpits
4	Diarrhea
1 5	Unusual fatigue for at least one day after exertion
G 6	Muscle aches or pains
1 7	Joint pain
□ 8	Fever
9	Chills
1 0	Unrefreshing sleep
□ 11	Sleeping problems
□ 12	Headaches
□ ₁₃	Forgetfulness or memory problems
□ 14	Difficulty thinking or concentrating
□ ₁₅	Nausea
□ ₁₆	Stomach or abdominal pains
□ 17	Sinus or nasal symptoms
□ ₁₈	Shortness of breath
□ 19	Eye sensitivity to light
□ 20	Depression
□ 21	Another symptom (Please specify:)