Penn Medicine

Institute for Translational Medicine and Therapeutics (ITMAT)

COVID-19 Patient Survey



■ Data Dictionary Codebook

04/08/2020 3:01pm

∧ Collapse all instruments

	# Variable / Field Name	Field Label Field Note	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)
Instru	ment: COVID-19 Patient Su	urvey (covid19_patient_survey)	^ Collapse
	1 record_id	Record ID	text
	2 personal_profile_header	Personal Profile	descriptive
	3 name	Name	text, Required, Identifier Question number: 1
	4 email_address	Email address	text (email), Required, Identifier Question number: 2
	5 mobile_phone_number	Mobile phone number	text (phone), Required, Identifier Question number: 3
	6 assigned_sex	What sex were you assigned at birth?	radio, Required
			Male Male
			Female Female
			Other Other
			Prefer_not_to_answer Prefer not to answer
			Question number: 4
	7 pregnancy_status Show the field ONLY if: [assigned_sex] = 'Female'	Are you currently pregnant or is there a chance you could be pregnant during the next month?	yesno, Required 1 Yes 0 No
	8 gender_identity	What is your current gender identity?	radio, Required
			1 Transgender female (male to female)
			2 Transgender male (female to male)
			3 Gender queer
			4 Gender variant or gender non-conforming
			5 Female
			6 Male
			7 Self-identify
			8 Prefer not to answer
			Question number: 5 Field Annotation: @NONEOFTHEABOVE=8
	9 gender_self_identity	Please specify gender self-identity	text, Required
	Show the field ONLY if: [gender_identity] = '7'		
1	0 age	How old are you (in years)?	text (integer, Min: 0, Max: 130), Required Question number: 6
1	1 weight	How much do you weigh (in pounds)?	text (integer, Min: 1, Max: 1000), Required Question number: 7

12	height_header	How tall are you?	descriptive Question number: 8
13	height_feet	Feet	text (integer, Min: 0, Max: 8), Required
14	height_inches	Inches	text (integer, Min: 0, Max: 11), Required Custom alignment: RH
15	ancestry_ethnicity	What is your ethnicity/ancestry?	checkbox, Required
			1 ancestry_ethnicity1 Hispanic or latino
			2 ancestry_ethnicity2 White - European
			3 ancestry_ethnicity3 Asian
			4 ancestry_ethnicity4 Black - African
			5 ancestry_ethnicity5 Native American
			6 ancestry_ethnicity6 Pacific Islander
			7 ancestry_ethnicity7 Don't know
			8 ancestry_ethnicity8 Prefer not to answer
			Question number: 9
16	live_alone	Do you live alone?	yesno, Required
			1 Yes
			0 No
			Ougstion numbers 10
17	household interaction ages	Diago indicate ages for people who interest in your	Question number: 10
17	household_interaction_ages	Please indicate ages for people who interact in your household? (including yourself, any caregivers or roomates -	checkbox, Required 1 household_interaction_ages1 under 3 years
	Show the field ONLY if: [live_alone] = '0'	- check all that apply)	old
			2 household_interaction_ages2 3-6 years old
			3 household_interaction_ages3 7-17 years old
			4 household_interaction_ages4 18-25 years old
			5 household_interaction_ages5 26-40 years old
			6 household_interaction_ages6 41-64 years old
			7 household_interaction_ages7 65-79 years old
			8 household_interaction_ages8 80 years old or older
18	household_under_3	Number of people in household under 3 years old	text (integer, Min: 0, Max: 100), Required
	Show the field ONLY if: [household_interaction_ages (1)] = '1'		
19	household_between_3_6	Number of 3-6 years old people interacting in household	text (integer, Min: 0, Max: 100), Required
	Show the field ONLY if: [household_interaction_ages (2)] = '1'		
20	household_between_7_17	Number of 7-17 years old people interacting in household	text (integer, Min: 0, Max: 100), Required
	Show the field ONLY if: [household_interaction_ages (3)] = '1'		
21	household_between_18_25	Number of 18-25 years old people interacting in household	text (integer, Min: 0, Max: 100), Required
	Show the field ONLY if: [household_interaction_ages (4)] = '1'		
22	household_between_26_40	Number of 26-40 years old people interacting in household	text (integer, Min: 0, Max: 100), Required
	Show the field ONLY if: [household_interaction_ages (5)] = '1'		

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23	household_between_41_64 Show the field ONLY if:	Number of 41-64 years old people interacting in household	text (integer, Min: 0, Max: 100), Required
	[household_interaction_ages (6)] = '1'		
24	household_between_65_79	Number of 65-79 years old people interacting in household	text (integer, Min: 0, Max: 100), Required
	Show the field ONLY if: [household_interaction_ages (7)] = '1'		
25	household_over_80	Number of 80 years old or older people interacting in	text (integer, Min: 0, Max: 100), Required
	Show the field ONLY if: [household_interaction_ages (8)] = '1'	household	
26	residence_type	What type of residence do you live in?	radio, Required
			1 Dormitory
			2 Nursing home
			3 Apartment
			4 Single family home
			5 Other
			Question number: 11
27	residence_other	Please describe "Other" residence type	text, Required
	Show the field ONLY if: [residence_type] = '5'		
28	patient_address	What is your address? (For geocoding purposes only)	notes, Required Question number: 12
29	recreational_drug_use	Do you take any recreational drugs like marijuana?	yesno, Required 1 Yes 0 No
			Question number: 13
30	rec_drug_frequency	How often do you take recreational drugs?	dropdown, Required
	Show the field ONLY if:		1 daily
	[recreational_drug_use] = '1'		2 multiple times a week
			3 once a week
			4 multiple times a month
			5 once a month
			6 rarely
31	smoking	Do you smoke?	radio, Required
			1 I have never smoked
			2 I have never smoked regularly
			3 I used to smoke but I quit
			4 I smoke only rarely
			5 I smoke every day
			Question number: 14
32	smoking_daily_avg	How many cigarettes do you smoke a day on average?	text (integer, Min: 1, Max: 200), Required
	Show the field ONLY if: [smoking] = '5'		

33	vaping	Do you vape?	radio, Required
			1 I have never vaped
			2 I have never vaped regularly
			3 I used to vape, but I quit
			4 I vape only rarely
			5 I vape very day
			Question number: 15
34		COVID-19 related questions	descriptive
35	diagnosed	Have you been diagnosed with COVID-19?	yesno, Required
			1 Yes
			0 No
			Question number: 16
36	testing_done	Were you tested for COVID-19?	yesno, Required
			1 Yes
			0 No
			Question number: 17
37	testing_location	Where were you tested for COVID-19?	radio, Required
	Show the field ONLY if:		1 Outpatient office or lab / drive-through
	[testing_done] = '1'		2 Emergency Department
			3 Other
38	other_test_location	What is the "other" testing location indicated above?	text
	Show the field ONLY if: [testing_location] = '3'		
39		Did you have symptoms when you were tested?	yesno, Required
	Show the field ONLY if:		1 Yes
	[testing_done] = '1'		0 No
40	no_symptom_testing	Why were you tested?	radio, Required
	Show the field ONLY if:		1 Healthcare worker / first responder
	[symptoms_tested] = '0'		2 Susceptible family member at home
			3 Other
41	other_testing_reason	What "other" reason did you have for testing?	text, Required
	Show the field ONLY if: [no_symptom_testing] = '3'		

42	symptoms	Please describe your COVID-19 symptoms (check all that	chec	kbox, Required	
	5,	apply)	0	symptoms0	none
			1	symptoms1	cough
			2	symptoms2	sore throat
			3	symptoms3	fever > 100.4
			4	symptoms4	chills
			5	symptoms5	headache
			6	symptoms6	partial loss of smell (partial anosmia)
			7	symptoms7	complete loss of smell (anosmia)
			8	symptoms8	partial loss of taste (partial ageusia)
			9	symptoms9	complete loss of taste (ageusia)
			10	symptoms10	breathing problems
			11	symptoms11	fatigue / lethargy
			12	symptoms12	muscle pain
			13	symptoms13	runny nose
			14	symptoms14	diarrhea (>= 3 loose/looser than normal stools in 24 hr period)
			15	symptoms15	nausea or vomiting
			16	symptoms16	bluish lips/face
			17	symptoms17	confusion or inability to arouse
			18	symptoms18	chest pressure / chest pain
			19	symptoms19	mild conjunctivitis or red eye
			20	symptoms20	other
			•	stion number: 18 l Annotation: @NC	DNEOFTHEABOVE=0
43	symptoms_cough	How many days of coughing? (If you remember)	text	(integer, Min: 0, M	lax: 100)
	Show the field ONLY if: [symptoms(1)] = '1'				
44	symptoms_cough_type	Please describe type of cough		o, Required	
	Show the field ONLY if:			Dry	
	[symptoms(1)] = '1'		2	Wet	
45	symptoms_sore_throat	How many days with a sore throat? (If you remember)	text	(integer, Min: 1, M	lax: 100)
	Show the field ONLY if: [symptoms(2)] = '1'				
46	symptoms_fever_days	How many days with fever > 100.4? (If you remember)	text	(integer, Min: 1, M	lax: 100)
	Show the field ONLY if: [symptoms(3)] = '1'				
47	symptoms_fever_max	What was the maximum fever temperature recorded?	text	(number, Min: 100	0, Max: 110), Required
	Show the field ONLY if: [symptoms(3)] = '1'				
48	symptoms_other	Please describe "other" COVID-19 symptoms	note	es, Required	
	Show the field ONLY if: [symptoms(20)] = '1'				
49	first_symptom_warning	Date of your first symptom is set to the future. Please check	desc	criptive	
	Show the field ONLY if: datediff ([date_first_sympto m], "today", "d","mdy", true)<0	the date.			

50	date_first_symptom	Date of your first symptom	text (date_mdy, Min: 2019-01-12)
	Show the field ONLY if: [symptoms(1)] = '1' or [sympt oms(2)] = '1' or [symptoms(3)] = '1' or [symptoms(4)] = '1' or [symptoms(5)] = '1' or [sympt oms(6)] = '1' or [symptoms(7)] = '1' or [symptoms(8)] = '1' or [symptoms(9)] = '1' or [sympt oms(10)] = '1' or [symptoms(1 1)] = '1' or [symptoms(13)] = '1' or [symptoms(14)] = '1' or [symptoms(17)] = '1' or [sympt oms(18)] = '1' or [symptoms(1 9)] = '1' or [symptoms(20)] = '1'		
51	symptom_resolution_warning Show the field ONLY if: datediff ([date_symptom_reso lution], "today", "d","mdy", tru e)<0	Date of your symprom resolution is set to the future. Please check the date.	descriptive
52	date_symptom_resolution Show the field ONLY if: [symptoms(1)] = '1' or [sympt oms(2)] = '1' or [symptoms(3)] = '1' or [symptoms(4)] = '1' or [symptoms(5)] = '1' or [sympt oms(6)] = '1' or [symptoms(7)] = '1' or [symptoms(8)] = '1' or [symptoms(9)] = '1' or [sympt oms(10)] = '1' or [symptoms(1 1)] = '1' or [symptoms(13)] = '1' or [symptoms(14)] = '1' or [symptoms(17)] = '1' or [sympt oms(18)] = '1' or [symptoms(1 9)] = '1' or [symptoms(20)] = '1'	Date of your symptom resolution (if known)	text (date_mdy, Min: 2019-01-12)
53	traveled	Were you abroad just before getting sick / being exposed to or being suspected for COVID-19 infection?	yesno, Required 1 Yes 0 No Question number: 19
54	travel_country Show the field ONLY if: [traveled] = '1'	Travel to which country?	text, Required
55	travel_start_warning Show the field ONLY if: datediff ([travel_start_date], "t oday", "d","mdy", true)<0	Date for your start of travel is set to the future. Please check the date.	descriptive
56	travel_start_date Show the field ONLY if: [traveled] = '1'	Travel start date	text (date_mdy)
57	travel_end_warning Show the field ONLY if: datediff ([travel_end_date], "to day", "d","mdy", true)<0	Date for your end of travel is set to the future. Please check the date.	descriptive
58	travel_end_date Show the field ONLY if: [traveled] = '1'	Travel end date	text (date_mdy)

	64	general_health_header	General Health questions	desc	riptive	
	63	medications_used_other Show the field ONLY if: [medications_used(12)] = '1'	What other medication (s) did doctors use to treat your COVID-19 illness?	note	es, Required	
				Field	Annotation: @NONEOFT	HEABOVE=14
				14	medications_used14	Prefer not to answer
					medications_used13	
					medications_used12	Other
					medications_used11	Interferon Alpha
					medications_used10	Ribavirin
				9	medications_used9	Sofosbuvir
						Hydroxychloroquine
				8	medications_used8	marboxil) Chloroquine or
				7	medications_used7	Tamiflu (oseltamivir) or Xofluza (baloxavir
				6	medications_used6	Remdesivir (GS-5735) or another protease inhibitor
				5	medications_used5	JAK inhibitors (baricitinib, ruxolitinib, fedratinib, tofacitinib)
				4	medications_used4	IL-6 pathway blockers (sarilumab, tocilizumab, siltuximab)
				3	medications_used3	Corticosteroids (prednisone, methylprednisolone, dexamethasone, hydrocortisone)
				2	medications_used2	Acetaminophen (Tylenol)
						celecoxib, diclofenac, indomethacin, piroxicam)
	OΖ	medications_used Show the field ONLY if: [medication_treatment] = '1'	medications to treat your COVID-19 illness (Check all that apply)?	1	kbox, Required medications_used1	NSAIDs (ibuprofen, aspirin, naproxen,
	62		Do you know if doctors used any of the following	Щ		
		Show the field ONLY if: [diagnosed] = '1'		11	Yes No	
	61	medication_treatment	Were you treated with any medications for your COVID-19 illness?		no, Required	
		posure_known] = 2		3	Elsewhere	
		[exposure_known] = '1' or [ex posure_known] = '2'		2	Work	
	50	Show the field ONLY if:			Home	
\vdash	60	exposure_location	Was this at home, work, or elsewhere?	<u> </u>	o, Required	
				One	stion number: 20	
				4	Not sure	
				3	· ·	
				\parallel	Yes; Suspected	
	59	exposure_known	Were you exposed to an individual known or suspected to have COVID-19?		o, Required Yes; Known	
	59	exposure known	Were you exposed to an individual known or suspected to	radi	o. Required	

65	rate_general_health	How would you rate your general health?	radio, Required 1 Excellent 2 Good 3 Fair 4 Poor Question number: 21
66	social_profile	Describe your usual level of social interactions with other people when not under stay at home and/or social distancing?	radio, Required 1 I go out a lot (4-7 times/week) 2 I go out sometimes (2-3 times/week) 3 I keep to myself mainly (1 or less times/week) Question number: 22
67	practicing_distancing	How would you rate your compliance on a scale of 1-5 about social distancing measures as recommended by CDC? (1 being not following guidelines to 5 being following all guidelines)	radio, Required 1 1 2 2 3 3 4 4 5 5 Custom alignment: RH Question number: 23
68	start_distance_warning Show the field ONLY if: datediff ([start_distancing], "to day", "d","mdy", true)<0	Date for start of social distancing is set to the future. Please check the date.	descriptive
69	start_distancing Show the field ONLY if: [practicing_distancing] > 1	When did you start social distancing?	text (date_mdy), Required
70	diseases_list	Has your doctor or any medical provider ever told you that you have any of the following diseases? (check all that apply)	checkbox, Required 1 diseases_list1 Lung disease 2 diseases_list2 Heart disease 3 diseases_list3 Hypertension/ high blood pressure 4 diseases_list4 Hyperlipidemia/ hypercholestrolemia 5 diseases_list5 Anemia 6 diseases_list6 Liver Disease 7 diseases_list7 Diabetes 8 diseases_list8 Obesity 9 diseases_list9 Joint Diseases 10 diseases_list10 Inflamatory bowel disease 11 diseases_list11 Cancer 12 diseases_list12 Cystic Fibrosis 13 diseases_list13 Chronic Kidney Disease 14 diseases_list14 Neurological disorder (e.g., ALS, multiple sclerosis, Parkinson's, Huntington's) 15 diseases_list15 Dementia 16 diseases_list17 None of the above Question number: 24

71	lung_disease Show the field ONLY if: [diseases_list(1)] = '1'	What type of lung disease?	radio, Required 1 Asthma 2 Chronic obstructive pulmonary disease (COPD) 3 Idiopathic pulmonary fibrosis 4 Bronchtiectasis 5 Alpha-1 antitrypsin deficency 6 Other lung disorder
72	another_lung_disease Show the field ONLY if: [lung_disease] = '6'	Please specify which other lung disorder you were diagnosed with	text, Required
73	heart_disease_type Show the field ONLY if: [diseases_list(2)] = '1'	Which type of heart disease do you have? (check all that apply)	checkbox, Required 1 heart_disease_type1 Congenital Heart disease 2 heart_disease_type2 Coronory artery disease/ history of myocardial infarction 3 heart_disease_type3 Congestive heart failure 4 heart_disease_type4 Other
74	heart_disease_type_other Show the field ONLY if: [heart_disease_type(4)] = '1'	Please list "other" type of heart disease	text
75	diabetes_type Show the field ONLY if: [diseases_list(7)] = '1'	Diabetes type	radio, Required 1 Type 1 2 Type 2
76	arthritis_type Show the field ONLY if: [diseases_list(9)] = '1'	What type of joint disease?	radio, Required 1 Rheumatoid arthritis 2 Osteoarthritis

	77	cancer_type	Cancer type	char	kbox, Required	
	//	Show the field ONLY if:	Cancer type	1	cancer_type1	Anal cancer
		[diseases_list(11)] = '1'		2	cancer_type2	Bladder cancer
				3	cancer_type3	Breast cancer
				4	cancer_type4	Brain cancer
				5	cancer_type5	Cervical cancer
				6	cancer_type6	Colon cancer
				7	- '	Esophageal cancer
				-	cancer_type7	Gallbladder cancer
				8	cancer_type8	
				9	cancer_type9	Head and Neck Cancer of any site (Nose, mouth, tongue, throat)
				10	cancer_type10	Kidney cancer (also known as Renal Cell Carcinoma)
				11	cancer_type11	Leukemia - Acute Leukemia (AML or ALL)
				12	cancer_type12	Leukemia - Chronic myeloid leukemia (CML)
				13	cancer_type13	Liver cancer (also known as Hepatocellular carcinoma)
				14	cancer_type14	Lung cancer
				15	cancer_type15	Lymphoma (Hodgkins or non-Hodgkins)
				16	cancer_type16	Melanoma
				17	cancer_type17	Non-melanoma skin cancer (Basal or Squamous cell cancers)
				18	cancer_type18	Multiple myeloma
				19	cancer_type19	Ovarian cancer
				20	cancer_type20	Pancreatic cancer
				21	cancer_type21	Prostate cancer
				22	cancer_type22	Sarcoma
				23	cancer_type23	Stomach cancer (also known as Gastric cancer)
				24	cancer_type24	Testicular cancer
				25	cancer_type25	Thyroid cancer
				26	cancer_type26	Uterine cancer (also known as Endometrial cancer)
				27	cancer_type27	A cancer not listed above
	78	other_cancer_type Show the field ONLY if: [cancer_type(27)] = '1'	Please specify the type of cancer that was not listed above	text		
	79	cancer_treatment	Cancer treatments received	chec	kbox	
		Show the field ONLY if:		1	cancer_treatment	_1 Drugs
		[diseases_list(11)] = '1'		2	cancer_treatment	_2 Radiation
				3	cancer_treatment	_3 Immunotherapy
	80	past_cancer_treatment	How long ago was cancer treated?	text,	Required	
		Show the field ONLY if: [cancer_treatment(1)] = '1' or [cancer_treatment(2)] = '1' or [cancer_treatment(3)] = '1'				
	81	dialysis	Are you currently on dialysis for chronic kidney disease?	yesr	no, Required	
		Show the field ONLY if:		1	Yes	
		[diseases_list(13)] = '1'		0	No	
-			!			

82	other_disease Show the field ONLY if: [diseases_list(17)] = '1'	Please specify any "other" chronic illness or disease you have been diagnosed with	notes, Required	
83	organ_transplant_hx	Have you ever had an organ transplant?	yesno, Required 1 Yes 0 No	
84	organ_transplant Show the field ONLY if: [organ_transplant_hx] = '1'	Which organ?	Question number: 25 text, Required	
85	immune_related_conditions	Have you ever been diagnosed with an immune related	checkbox, Required	
83	immune_related_conditions	condition?	1 immune_related_conditions1 Au	utoimmune ondition
			2 immune_related_conditions2 In	nflammatory ondition
				eriodic/Freque
				nmune eficiency
			or	ecurrent warts r viral skin nfections
			AI	easonal llergies/Hay ever
			7 immune_related_conditions7 Fc	ood allergies
			8 immune_related_conditions8 Co	old sores
			9 immune_related_conditions9 Sh	hingles
			10 immune_related_conditions10 Ed	czema
			11 immune_related_conditions11 Hi	ives
				one of the bove
			Question number: 26 Field Annotation: @NONEOFTHEABOVE=12	2
86	autoimmune_dx	What autoimmune condition have you been diagnosed	checkbox, Required	
	Show the field ONLY if:	with?	1 autoimmune_dx1 thyroid	
	[immune_related_conditions (1)] = '1'		2 autoimmune_dx2 lupus	
			3 autoimmune_dx3 multiple scleros	sis
			4 autoimmune_dx4 cytopenia	
			5 autoimmune_dx5 colitis/inflamma disease	atory bowel
			6 autoimmune_dx6 other	
87	other_autoimmune_dx Show the field ONLY if: [autoimmune_dx(6)] = '1'	What other autoimmune condition have you been diagnosed with?	text, Required	
88	inflammatory_dx Show the field ONLY if: [immune_related_conditions (2)] = '1'	What inflammatory condition have you been diagnosed with?	text, Required	
89	meds_taken	Are you currently taking any of the following (at least once a week) ? (Check all that apply)	checkbox, Required	

1	meds_taken1	Conventional nonsteroidal anti-inflammatory agents NSAIDS (aspirin, celecoxib, diclofenac (Cambia, Cataflam, Voltaren), diflunisal, etodolac, ibuprofen (Motrin, Advil), indomethacin (Indocin), ketoprofen, ketorolac, nambumetone, naproxen (Aleve, Anaprox, Naprelan, Naprosyn), oxaprozin (Daypro), piroxicam (Feldene), salsalate (Disalate), sulidnac, tolmeti
2	meds_taken2	Acetaminophen (Benadryl, Excedrin, Robitussin, Sinutab, Sudafed, Tylenol, Vicks, and others)
3	meds_taken3	Asthma Meds (bronchodilator Ventolin,albuterol)
4	meds_taken4	Corticosteroids(not inhaled eg. Prednisone
5	meds_taken5	Inhaled corticosteroids
6	meds_taken6	Inhaled Bronchodialators
7	meds_taken7	Nerve pain medication, Gabapetin
8	meds_taken8	Diabetic medication,Metformin
9	meds_taken9	Anti-TNF medications (infliximab, adalimumab, certolizumab, golimumab, etanercept, others)
10	meds_taken10	Blood Thinning Medication (Eliquis, Xarelto, Coumadin, Warfarin, etc.)
11	meds_taken11	ACE inhibitors for the treatment of hypertension (Benazepril, Captopril, Fosinopril, Lisinpril, etc.)
12	meds_taken12	A statin to lower cholestero (such as atorvastatin or simvastatin)
13	meds_taken13	Angiotensin Receptor Blockers forhypertension (Edarbi, Atacand, Eprosarta Avapro, etc.)
14	meds_taken14	JAK Inhibitors (Baricitinib, ruxolitinib, fedratinib, tofacitinib)
15	meds_taken15	Hydroxychloroquine
16	meds_taken16	IL-6 pathway inhibitors (sarilumab,tocilizumab, siltuximab, others)
17	meds_taken17	Thyroid medication levothryroxyne
18	meds_taken18	A beta-blocker to lower blood pressure (metoprolo atenolol, tramadol,)
19	meds_taken19	Other (prescribed/non- prescribed/vitamins or supplements)
20	meds_taken 20	None of the above

			Question number: 27 Field Annotation: @NONEOFTHEABOVE=20
90	nsaids_daily	Do you take conventional nonsteroidal anti-inflammatory	yesno, Required
	Show the field ONLY if:	agents (NSAIDS) daily?	1 Yes
	[meds_taken(1)] = '1'		0 No
91	nsaids_as_prescribed	Do you take conventional nonsteroidal anti-inflammatory	yesno, Required
	Show the field ONLY if:	agents (NSAIDS) as prescribed?	1 Yes
	[meds_taken(1)] = '1'		O No
92	nsaids_num_doses	How many doses of conventional nonsteroidal anti-	text
	Show the field ONLY if:	inflammatory agents (NSAIDS) daily?	
	[meds_taken(1)] = '1'		
93	acetamin_daily	Do you take acetaminophen (Benadryl, Excedrin, Robitussin,	yesno, Required
	Show the field ONLY if:	Sinutab, Sudafed, Tylenol, Vicks, and others) daily?	1 Yes
	[meds_taken(2)] = '1'		0 No
94	acetamin_as_prescribed	Do you take acetaminophen as prescribed?	yesno, Required
	Show the field ONLY if:		1 Yes
	[meds_taken(2)] = '1'		0 No
95	acetamin_num_doses	How many doses of Acetaminophen daily?	text
	Show the field ONLY if:		
	[meds_taken(2)] = '1'		
96	asthma_meds_daily	Do you take asthma meds daily?	yesno, Required
	Show the field ONLY if:		1 Yes
	[meds_taken(3)] = '1'		0 No
97	asthma_meds_as_prescribed	Do you take asthma meds as prescribed?	yesno, Required
	Show the field ONLY if:		1 Yes
	[meds_taken(3)] = '1'		0 No
98	asthma_meds_num_doses	How many doses of asthma meds daily?	text
	Show the field ONLY if: [meds_taken(3)] = '1'		
99	cortico_daily	Do you take corticosteroids daily?	yesno, Required
))	,	Do you take conticosteroids daily:	1 Yes
	Show the field ONLY if: [meds_taken(4)] = '1'		0 No
100	cortico_as_prescribed	Do you take corticosteroids as prescribed?	yesno, Required
100	Show the field ONLY if:	bo you take controlled as presembled.	1 Yes
	[meds_taken(4)] = '1'		0 No
101	cortico_num_doses	How many doses of corticosteroids daily?	text
101	Show the field ONLY if:	now many doses of condicosteroids dally?	
	[meds_taken(4)] = '1'		
102	inh_cortico_daily	Do you take inhaled corticosteroids daily?	yesno, Required
	Show the field ONLY if:		1 Yes
	[meds_taken(5)] = '1'		0 No
103	inh_cortico_as_prescribed	Do you take inhaled corticosteroids as prescribed?	yesno, Required
	Show the field ONLY if:		1 Yes
	[meds_taken(5)] = '1'		0 No
104	inh_cortico_num_doses	How many doses of inhaled corticosteroids daily?	text
	Show the field ONLY if:		
107	[meds_taken(5)] = '1'	Beautiful State and Burney 1995	Lance Beautierd
105	dilators_daily	Do you take inhaled bronchodilators daily?	yesno, Required 1 Yes
	Show the field ONLY if: [meds_taken(6)] = '1'		
			0 No

106	dilators_as_prescribed Show the field ONLY if: [meds_taken(6)] = '1'	Do you take inhaled bronchodilators as prescribed?	yesno, Required 1 Yes 0 No
107	dilators_num_doses Show the field ONLY if:	How many doses of inhaled bronchodilators daily?	text
108	[meds_taken(6)] = '1' nerve_med_daily Show the field ONLY if: [meds_taken(7)] = '1'	Do you take nerve pain medication (Gabapetin) daily?	yesno, Required 1 Yes 0 No
109	nerve_med_as_prescribed Show the field ONLY if: [meds_taken(7)] = '1'	Do you take nerve pain medication (Gabapetin) as prescribed?	yesno, Required 1 Yes 0 No
110	nerve_med_num_doses Show the field ONLY if: [meds_taken(7)] = '1'	How many doses of nerve pain medication (Gabapetin) daily?	text
111	diabetic_daily Show the field ONLY if: [meds_taken(8)] = '1'	Do you take diabetic medication (Metformin) daily?	yesno, Required 1 Yes 0 No
112	diabetic_as_prescribed Show the field ONLY if: [meds_taken(8)] = '1'	Do you take diabetic medication (Metformin) as prescribed?	yesno, Required 1 Yes 0 No
113	diabetic_num_doses Show the field ONLY if: [meds_taken(8)] = '1'	How many doses of diabetic medication (Metformin) daily?	text
114	anti_tnf_daily Show the field ONLY if: [meds_taken(9)] = '1'	Do you take anti-TNF medications (infliximab, adalimumab, certolizumab, golimumab, etanercept, others) daily?	yesno, Required 1 Yes 0 No
115	anti_tnf_as_prescribed Show the field ONLY if: [meds_taken(9)] = '1'	Do you take conventional anti-TNF medications (infliximab, adalimumab, certolizumab, golimumab, etanercept, others) as prescribed?	yesno, Required 1 Yes 0 No
116	anti_tnf_num_doses Show the field ONLY if: [meds_taken(9)] = '1'	How many doses of anti-TNF medications (infliximab, adalimumab, certolizumab, golimumab, etanercept, others) daily?	text
117	thinner_daily Show the field ONLY if: [meds_taken(10)] = '1'	Do you take blood thinning medications (Eliquis, Xarelto, Coumadin, Warfarin, etc.) daily?	yesno, Required 1 Yes 0 No
118	thinner_as_prescribed Show the field ONLY if: [meds_taken(10)] = '1'	Do you take conventional blood thinning medications (Eliquis, Xarelto, Coumadin, Warfarin, etc.)as prescribed?	yesno, Required 1 Yes 0 No
119	thinner_num_doses Show the field ONLY if: [meds_taken(10)] = '1'	How many doses of blood thinning medications (Eliquis, Xarelto, Coumadin, Warfarin, etc.)daily?	text
120	ace_inhib_daily Show the field ONLY if: [meds_taken(11)] = '1'	Do you take ACE inhibitors for the treatment of hypertension (Benazepril, Captopril, Fosinopril, Lisinpril, etc.)daily?	yesno, Required 1 Yes 0 No
121	ace_inhib_as_prescribed Show the field ONLY if: [meds_taken(11)] = '1'	Do you take ACE inhibitors for the treatment of hypertension (Benazepril, Captopril, Fosinopril, Lisinpril, etc.)as prescribed?	yesno, Required 1 Yes 0 No

122		How many doses of ACE inhibitors for the treatment of hypertension (Benazepril, Captopril, Fosinopril, Lisinpril,	text
	Show the field ONLY if: [meds_taken(11)] = '1'	etc.)daily?	
123	statin_daily Show the field ONLY if:	Do you take a statin to lower cholesterol (such as atorvastatin or simvastatin) daily?	yesno, Required 1 Yes
	[meds_taken(12)] = '1'		0 No
124	,	Do you take a statin to lower cholesterol (such as atorvastatin or simvastatin) as prescribed?	yesno, Required 1 Yes
	Show the field ONLY if: [meds_taken(12)] = '1'		0 No
125	statin_num_doses	How many doses of a statin to lower cholesterol (such as atorvastatin or simvastatin) daily?	text
	Show the field ONLY if: [meds_taken(12)] = '1'	atorvastatin or sinivastatin, daily.	
126	_ ,	Do you take angiotensin receptor blockers for hypertension (Edarbi, Atacand, Eprosartan, Avapro, etc.) daily?	yesno, Required
	Show the field ONLY if: [meds_taken(13)] = '1'	(Louisi, Adduta, Epissarda, Antapro, etal, edil)	1 Yes 0 No
127	angiotensin_as_prescribed	Do you take angiotensin receptor blockers for hypertension	yesno, Required
	Show the field ONLY if: [meds_taken(13)] = '1'	(Edarbi, Atacand, Eprosartan, Avapro, etc.)as prescribed?	1 Yes 0 No
128	angiotensin_num_doses	How many doses of angiotensin receptor blockers for	text
	Show the field ONLY if: [meds_taken(13)] = '1'	hypertension (Edarbi, Atacand, Eprosartan, Avapro, etc.)daily?	
129	jak_daily	Do you take JAK Inhibitors (Baricitinib, ruxolitinib, fedratinib, tofacitinib) daily?	yesno, Required
	Show the field ONLY if: [meds_taken(14)] = '1'	Couchains, carry.	0 No
130	jak_as_prescribed	Do you take JAK Inhibitors (Baricitinib, ruxolitinib, fedratinib, tofacitinib) as prescribed?	yesno, Required
	Show the field ONLY if: [meds_taken(14)] = '1'	tolucianis) as presensed.	1 Yes 0 No
131	jak_num_doses	How many doses of JAK Inhibitors (Baricitinib, ruxolitinib,	text
	Show the field ONLY if: [meds_taken(14)] = '1'	fedratinib, tofacitinib) daily?	
132	, , = ,	Do you take Hydroxychloroquine daily?	yesno, Required
	Show the field ONLY if: [meds_taken(15)] = '1'		0 No
133	hydroxychlor_as_prescribed	Do you take Hydroxychloroquine as prescribed?	yesno, Required
	Show the field ONLY if: [meds_taken(15)] = '1'		1 Yes 0 No
134	hydroxychlor_num_doses	How many doses of Hydroxychloroquine daily?	text
	Show the field ONLY if: [meds_taken(15)] = '1'		
135	il6_daily	Do you take IL-6 pathway inhibitors (sarilumab,tocilizumab,	yesno, Required
	Show the field ONLY if: [meds_taken(16)] = '1'	siltuximab, others) daily?	1 Yes 0 No
136	il6_as_prescribed	Do you take IL-6 pathway inhibitors (sarilumab,tocilizumab,	yesno, Required
	Show the field ONLY if: [meds_taken(16)] = '1'	siltuximab, others) as prescribed?	1 Yes 0 No
137	il6_num_doses	How many doses of IL-6 pathway inhibitors	text
	Show the field ONLY if: [meds_taken(16)] = '1'	(sarılumab,tocilizumab, siltuximab, others) daily?	
137	[meds_taken(16)] = '1' il6_num_doses Show the field ONLY if:	How many doses of IL-6 pathway inhibitors (sarilumab,tocilizumab, siltuximab, others) daily?	O No

138	thyroid_med_daily Show the field ONLY if: [meds_taken(17)] = '1'	Do you take thyroid medication levothryroxyne daily?	yesno, Required 1 Yes 0 No
139	thyroid_med_as_prescribed Show the field ONLY if: [meds_taken(17)] = '1'	Do you take thyroid medication levothryroxyneas prescribed?	yesno, Required 1 Yes 0 No
140	thyroid_med_doses Show the field ONLY if: [meds_taken(17)] = '1'	How many doses of thyroid medication levothryroxyne daily?	text
141	beta_blocker_daily Show the field ONLY if: [meds_taken(18)] = '1'	Do you take a beta-blocker to lower blood pressure (metoprolol, atenolol, tramadol,) daily?	yesno, Required 1 Yes 0 No
142	beta_blocker_as_prescribed Show the field ONLY if: [meds_taken(18)] = '1'	Do you take a beta-blocker to lower blood pressure (metoprolol, atenolol, tramadol,) as prescribed?	yesno, Required 1 Yes 0 No
143	beta_blocker_num_doses Show the field ONLY if: [meds_taken(18)] = '1'	How many doses of a beta-blocker to lower blood pressure (metoprolol, atenolol, tramadol,) daily?	text
144	header_describe_other Show the field ONLY if: [meds_taken(19)] = '1'	Please describe information on other drugs below	descriptive
145	other_drug_types Show the field ONLY if: [meds_taken(19)] = '1'	What other classes of drugs do you regularly take?	checkbox, Required 1 other_drug_types1 Prescribed 2 other_drug_types2 Non-Prescribed 3 other_drug_types3 Vitamins/Supplements
146	other_drug_1 Show the field ONLY if: [meds_taken(19)] = '1'	Other drug/vitamin/supplement name	text, Required
146	Show the field ONLY if: [meds_taken(19)] = '1'	Other drug/vitamin/supplement name Do you take [other_drug_1] daily?	yesno, Required 1 Yes 0 No
147	Show the field ONLY if: [meds_taken(19)] = '1' other_daily_1 Show the field ONLY if:		yesno, Required 1 Yes
147	Show the field ONLY if: [meds_taken(19)] = '1' other_daily_1 Show the field ONLY if: [meds_taken(19)] = '1' other_check_1 Show the field ONLY if:	Do you take [other_drug_1] daily?	yesno, Required 1 Yes 0 No yesno, Required 1 Yes
147	Show the field ONLY if: [meds_taken(19)] = '1' other_daily_1 Show the field ONLY if: [meds_taken(19)] = '1' other_check_1 Show the field ONLY if: [meds_taken(19)] = '1' other_drug_2 Show the field ONLY if:	Do you take [other_drug_1] daily? Do you take any other drugs/vitamins/supplements?	yesno, Required 1 Yes 0 No yesno, Required 1 Yes 0 No
147	Show the field ONLY if: [meds_taken(19)] = '1' other_daily_1 Show the field ONLY if: [meds_taken(19)] = '1' other_check_1 Show the field ONLY if: [meds_taken(19)] = '1' other_drug_2 Show the field ONLY if: [other_check_1] = '1' other_daily_2 Show the field ONLY if:	Do you take [other_drug_1] daily? Do you take any other drugs/vitamins/supplements? Other drug/vitamin/supplement name	yesno, Required 1 Yes 0 No yesno, Required 1 Yes 0 No text, Required yesno, Required 1 Yes
147 148 149	Show the field ONLY if: [meds_taken(19)] = '1' other_daily_1 Show the field ONLY if: [meds_taken(19)] = '1' other_check_1 Show the field ONLY if: [meds_taken(19)] = '1' other_drug_2 Show the field ONLY if: [other_check_1] = '1' other_daily_2 Show the field ONLY if: [other_check_1] = '1' other_check_1] = '1'	Do you take [other_drug_1] daily? Do you take any other drugs/vitamins/supplements? Other drug/vitamin/supplement name Do you take [other_drug_2] daily?	yesno, Required 1 Yes 0 No yesno, Required 1 Yes 0 No text, Required 1 Yes 0 No yesno, Required 1 Yes 0 No yesno, Required 1 Yes 0 No
147 148 149 150	Show the field ONLY if: [meds_taken(19)] = '1' other_daily_1 Show the field ONLY if: [meds_taken(19)] = '1' other_check_1 Show the field ONLY if: [meds_taken(19)] = '1' other_drug_2 Show the field ONLY if: [other_check_1] = '1' other_daily_2 Show the field ONLY if: [other_check_1] = '1' other_check_1] = '1' other_check_1] = '1' other_check_2 Show the field ONLY if: [other_check_1] = '1' other_check_1] = '1'	Do you take [other_drug_1] daily? Do you take any other drugs/vitamins/supplements? Other drug/vitamin/supplement name Do you take [other_drug_2] daily? Do you take any other drugs/vitamins/supplements?	yesno, Required 1 Yes 0 No yesno, Required 1 Yes 0 No text, Required 1 Yes 0 No yesno, Required 1 Yes 0 No yesno, Required 1 Yes 0 No

154	other_check_3 Show the field ONLY if: [other_check_2] = '1'	Do you take any other drugs/vitamins/supplements?	yesno, Required 1 Yes
	[Other_thetk_2] = 1		0 No
155	other_drug_4	Other drug/vitamin/supplement name	text, Required
	Show the field ONLY if: [other_check_3] = '1'		
156	other_daily_4	Do you take [other_drug_4] daily?	yesno, Required
	Show the field ONLY if: [other_check_3] = '1'		1 Yes 0 No
157	other_check_4	Do you take any other drugs/vitamins/supplements?	yesno, Required
	Show the field ONLY if: [other_check_3] = '1'		1 Yes 0 No
158	other_drug_5	Other drug/vitamin/supplement name	text, Required
	Show the field ONLY if: [other_check_4] = '1'		
159	other_daily_5	Do you take [other_drug_5] daily?	yesno, Required
	Show the field ONLY if:		1 Yes
	[other_check_4] = '1'		0 No
160	other_check_5	Do you take any other drugs/vitamins/supplements?	yesno, Required
	Show the field ONLY if:		1 Yes
	[other_check_4] = '1'		0 No
161	other_drug_6	Other drug/vitamin/supplement name	text, Required
	Show the field ONLY if:		
	[other_check_5] = '1'		
162	other_daily_6	Do you take [other_drug_6] daily?	yesno, Required
	Show the field ONLY if:		1 Yes
	[other_check_5] = '1'		0 No
163	other_check_6	Do you take any other drugs/vitamins/supplements?	yesno, Required
	Show the field ONLY if:		1 Yes
	[other_check_5] = '1'		0 No
164	other_drug_7	Other drug/vitamin/supplement name	text, Required
	Show the field ONLY if: [other_check_6] = '1'		
165	other_daily_7	Do you take [other_drug_7] daily?	yesno, Required
	Show the field ONLY if:		1 Yes
	[other_check_6] = '1'		0 No
166	flu_vaccine_received	Did you get a flu vaccine this season (last 6 months)?	radio, Required
			1 Yes
			2 No
			3 Do not remember
			Question number: 28
167	flu_vaccine_warning	Date for flu vaccine is set to the future. Please check the	descriptive
	Show the field ONLY if:	date.	
	datediff ([flu_vaccine_date], "t oday", "d","mdy", true)<0		
168	flu_vaccine_date	Date you received vaccine (if remembered)	text (date_mdy)
	Show the field ONLY if:		
	[flu_vaccine_received] = '1'		
•			

160	last fly managed and	Davis and the least first time of the least first time			
169	last_flu_remembered	Do you remember the last time you got flu or flu-like illness prior to COVID pandemic?	yesno, Required 1 Yes 0 No		
			Question number: 29		
170	last_flu_warning	Date of your last flu or flu-like illness is set to the future.	descriptive		
170	Show the field ONLY if:	Please check the date.	descriptive		
	datediff ([last_flu_date], "toda y", "d","mdy", true)<0				
171	last_flu_date	Approximately, when was the last flu or flu-like illness?	text (date_mdy)		
	Show the field ONLY if: [last_flu_remembered] = '1'				
172	last_flu_hospital	Did you get hospitalized due to flu?	yesno, Required		
	Show the field ONLY if:		1 Yes		
	[last_flu_remembered] = '1'		0 No		
173	flu_frequency	How often do you get flu or flu-like illness?	radio, Required		
			1 Never		
			2 Rarely		
			3 Once a year		
			4 Twice a year or more		
			Question number: 30		
174	last_antibiotics	When were you on your last course of antibiotics?	radio, Required		
			1 Currently		
			2 This month		
			3 Last month		
			4 In past 2 months		
			5 In past 6 months		
			6 In the last year		
			7 Over a year		
			8 Never/Do not remember		
			Question number: 31		
175	antibiotics_purpose	For what purpose, were you prescribed antibiotics the last	checkbox, Required		
	Show the field ONLY if: [last_antibiotics] = '1' or [last_ antibiotics] = '2' or [last_antibiotics] = '3' or [last_antibiotics]	time you took antibiotics?(Check all that apply)	1 antibiotics_purpose1 respiratory infection (e.g. strep throat, sinusitis, bronchitis, pneumonia)		
	= '4' or [last_antibiotics] = '5' o r [last_antibiotics] = '6' or [last _antibiotics] = '7'		2 antibiotics_purpose2 gastroenteritis, which caused diarrhea and/or vomiting		
			3 antibiotics_purpose3 urinary tract infection		
			4 antibiotics_purpose4 infection of the skin or a wound		
			5 antibiotics_purpose5 other purpose		
			6 antibiotics_purpose6 I don't know		
176	header_lifestyle	Personal Lifestyle Questions	descriptive		
 -	··-=9 ·		<u> </u>		

177	education_level job_title	What is your education level? What is your job title?	radio, Required 1 Primary/elementary school 2 Vocational school 3 High school 4 College / Bachelors degree 5 Masters degree or higher Question number: 32 text Question number: 33
179	hazard_exposure	Are you exposed to any particular hazards in your job?	checkbox, Required 1 hazard_exposure1 Fumes 2 hazard_exposure2 Medical facilities 3 hazard_exposure3 Lead 4 hazard_exposure4 Asbestos 5 hazard_exposure5 Work that causes excessive sweat/dehydration/physical 6 hazard_exposure6 Other 7 hazard_exposure7 None of the above Question number: 34 Field Annotation: @NONEOFTHEABOVE=7
180	hazard_other Show the field ONLY if: [hazard_exposure(6)] = '1'	Please describe the other hazards in your job	notes, Required
181	exercise_level	What is the level of your usual physical activity?	radio, Required 1 I read, watch TV, and perform chores that are not physically taxing 2 I walk, bike, or are otherwise physically active for many days a week. Including among other activities: walking, fishing, hunting, and light gardening work 3 I do endurance sports for many hours a week. Including jogging, skiing, weight lifting, calisthenics, swimming, ball games and physically taxing gardening work. 4 I train for competitive sports for regularly, many times a week. Question number: 35
182	exercise_location Show the field ONLY if: [exercise_level] = '3' or [exercise_level] = '4'	Where do you exercise? (Check all that apply)	checkbox, Required 1 exercise_location1 At home 2 exercise_location2 Gym 3 exercise_location3 Outdoors
183	exercise_days_home Show the field ONLY if: [exercise_location(1)] = '1'	How many days a week do you exercise at home?	text (integer), Required
184	exercise_days_gym Show the field ONLY if: [exercise_location(2)] = '1'	How many days a week do you exercise at a gym?	text (integer), Required
185	exercise_days_outdoors Show the field ONLY if: [exercise_location(3)] = '1'	How many days a week do you exercise outdoors?	text (integer), Required

186	covid19_patient_survey_compl	Section Header: Form Status	dro	pdown
	ete	Complete?	0	Incomplete
			1	Unverified
			2	Complete