Penn Medicine
Institute for Translational Medicine and Therapeutics (ITMAT)

Penn COVID-19 Patient Survey



■ Data Dictionary Codebook

04/22/2020 2:10pm

∧ Collapse all instruments

	#	Variable / Field Name	Field Label Field Note	Field Attributes (Field Calculations, etc.)	Type, Validation, Choice	es,
Insti	rume	nt: COVID-19 Patient Su	rvey (covid19_patient_survey) 🔄 Enabled as survey		^ Coll	lapse
	1	record_id	Record ID	text		
	2	page1of4	Section Header: Personal Profile Page 1 of 4	descriptive		
	3	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		
	4	pregnancy_status	Are you currently pregnant or is there a chance you could	yesno, Required		
		Show the field ONLY if:	be pregnant during the next month?	1 Yes		
		[assigned_sex] = 'Female'		0 No		
	5	gender_sex_match	Does your current gender identity match your sex assigned	radio, Required		
			at birth?	1 Yes		
				0 No		
				2 Prefer not to answ	er	
				Question number: 5		
	6	gender_identity	What is your current gender identity?	radio, Required		
		Show the field ONLY if:	and the second general seconds.	1 Transgender femal	e (male to female)	
		[gender_sex_match] = '0'		2 Transgender male	(female to male)	
				3 Gender queer		
				1	gender non-conforming	
				5 Female	3	
				6 Male		
				7 Self-identify		
				8 Prefer not to answer	er	
				Field Annotation: @NO	NEOFTHEABOVE=8	
	7	gender_self_identity	Please specify gender self-identity	text, Required		
		Show the field ONLY if: [gender_identity] = '7'				
	8	age	How old are you (in years)?	text (integer, Min: 0, Ma Question number: 6	ax: 130), Required	

9	weight	How much do you weigh (in pounds)?	text (integer, Min: 1, Max: 1000), Required Question number: 7
10	height_header	How tall are you?	descriptive Question number: 8
11	height_feet	Feet	text (integer, Min: 0, Max: 8), Required
12	height_inches	Inches	text (integer, Min: 0, Max: 11), Required Custom alignment: RH
13	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
14	live_alone	Do you live alone?	yesno, Required
			1 Yes
			0 No
			Question number: 10
15	household interaction ages	Please indicate ages for people who interest in your	`
15	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
	1 12 1 12		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
16	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'		
17	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'		
18	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'		
19	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'		
20		Number of 26.40 years old popula interacting in house-bald	toyt (integer Min: 0 May: 100) Peguired
20	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'		

21	household_between_41_64 Show the field ONLY if: [household_interaction_ages (6)] = '1'	Number of 41-64 years old people interacting in household	text (integer, Min: 0, Max: 100), Required
22	household_between_65_79 Show the field ONLY if: [household_interaction_ages (7)] = '1'	Number of 65-79 years old people interacting in household	text (integer, Min: 0, Max: 100), Required
23	household_over_80 Show the field ONLY if: [household_interaction_ages [8]] = '1'	Number of 80 years old or older people interacting in household	text (integer, Min: 0, Max: 100), Required
24	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
25	residence_other Show the field ONLY if: [residence_type] = '5'	Please describe "Other" residence type	text, Required
26	patient_address	What is your address? (For geocoding purposes only)	notes, Required Question number: 12
27	recreational_drug_use	Do you take any recreational drugs like marijuana?	yesno, Required 1 Yes 0 No Question number: 13
28	rec_drug_frequency Show the field ONLY if: [recreational_drug_use] = '1'	How often do you take recreational drugs?	dropdown, Required 1 daily 2 multiple times a week 3 once a week 4 multiple times a month 5 once a month 6 rarely
29	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
30	smoking_daily_avg Show the field ONLY if: [smoking] = '5'	How many cigarettes do you smoke a day on average?	text (integer, Min: 1, Max: 200), Required

			<u> </u>		
31	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 l vape very day		
			Question number: 15		
32	page2of4	Section Header: COVID-19 related questions	descriptive		
		Page 2 of 4			
33	diagnosed	Have you been diagnosed with COVID-19?	yesno, Required		
			1 Yes		
			0 No		
			Question number: 16		
34	testing done	Ware you tested for COVID 102	`		
34	testing_done	Were you tested for COVID-19?	yesno, Required		
			0 No		
			Question number: 17		
35	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		
36	other_test_location	What is the "other" testing location indicated above?	text		
	Show the field ONLY if:				
	[testing_location] = '3'				
37	symptoms_tested	Did you have symptoms when you were tested?	yesno, Required		
	Show the field ONLY if:		1 Yes		
	[testing_done] = '1'		0 No		
38	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		
39	other_testing_reason	What "other" reason did you have for testing?	text, Required		
	Show the field ONLY if:				
	[no_symptom_testing] = '3'				
	•	•			

40	symptoms	Please describe your COVID-19 symptoms (check all that	char	kbox, Required	
40	symptoms	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 d Annotation: @NC	DNEOFTHEABOVE=0
41	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'				
42	symptoms_cough_type	Please describe type of cough	radio	o, Required	
	Show the field ONLY if:		 	Dry	
	[symptoms(1)] = '1'		2	Wet	
43	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'				
44	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'				
45	symptoms_fever_max	What was the maximum fever temperature recorded?	text	(number, Min: 100), Max: 110), Required
	Show the field ONLY if: [symptoms(3)] = '1'				
46	symptoms_other	Please describe "other" COVID-19 symptoms	note	es, Required	
	Show the field ONLY if: [symptoms(20)] = '1'				

47	data Cust a manta a	Data of constant	to t (data and a Mina 2040 04 42)
47	date_first_symptom 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(13)] = '1' or [symptoms(13)] = '1' or [symptoms(17)] = '1' or [symptoms(17)] = '1' or [symptoms(18)] = '1' or [symptoms(19)] = '1' or [symptoms(19)] = '1' or [symptoms(19)] = '1' or [symptoms(20)] = '1'	Date of your first symptom Date of your first symptom is set to the future. Please check	text (date_mdy, Min: 2019-01-12) descriptive
	Show the field ONLY if: datediff ([date_first_sympto m], "today", "d","mdy", true)<0	the date.	
49	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 [symptoms(1 9)] = '1' or [symptoms(20)] = '1'	Date of your symptom resolution (if known)	text (date_mdy, Min: 2019-01-12)
50	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
51	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
52	travel_country Show the field ONLY if: [traveled] = '1'	Travel to which country?	text, Required
53	travel_start_date Show the field ONLY if: [traveled] = '1'	Travel start date	text (date_mdy)
54	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
55	travel_end_date Show the field ONLY if: [traveled] = '1'	Travel end date	text (date_mdy)
56	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

			T			
	57	exposure_known	Were you exposed to an individual known or suspected to have COVID-19?	radio, Required 1 Yes; Known		
				2	Yes; Suspected	
				3	· · · · · · · · · · · · · · · · · · ·	
				1	Not sure	
					stion number: 20	
	58	exposure_location	Was this at home, work, or elsewhere?		o, Required Home	
		Show the field ONLY if: [exposure_known] = '1' or [ex		11		
		posure_known] = '2'		11	Work	
				3	Elsewhere	
	59	medication_treatment	Were you treated with any medications for your COVID-19 illness?		no, Required	
		Show the field ONLY if:	illitess:	1		
		[diagnosed] = '1'		0	No	
	60	medications_used	Do you know if doctors used any of the following	ched	ckbox, Required	
		Show the field ONLY if:	medications to treat your COVID-19 illness (Check all that apply)?	1	medications_used1	NSAIDs (ibuprofen,
		[medication_treatment] = '1'	11137			aspirin, naproxen, celecoxib, diclofenac,
						indomethacin,
						piroxicam)
				2	medications_used2	Acetaminophen (Tylenol)
				3	medications_used3	Corticosteroids
						(prednisone, methylprednisolone,
						dexamethasone,
						hydrocortisone)
				4	medications_used4	IL-6 pathway blockers (sarilumab,
						tocilizumab,
						siltuximab)
				5	medications_used5	JAK inhibitors
						(baricitinib, ruxolitinib, fedratinib, tofacitinib)
				6	medications_used6	Remdesivir (GS-5735)
						or another protease
				<u> </u>		inhibitor
				7	medications_used7	Tamiflu (oseltamivir) or Xofluza (baloxavir
						marboxil)
				8	medications_used8	Chloroquine or Hydroxychloroquine
				9	medications_used9	Sofosbuvir
				10	medications_used10	Ribavirin
				11	medications_used11	Interferon Alpha
				12	medications_used12	Other
				13	medications_used13	Don't know
				14	medications_used14	Prefer not to answer
						UEADOVE 11
-	C1	manadianatiana	What about no displice (2) did do etcor.		Annotation: @NONEOFT	HEABOVE=14
	61	medications_used_other	What other medication (s) did doctors use to treat your COVID-19 illness?	note	es, Required	
		Show the field ONLY if: [medications_used(12)] = '1'				
	62	page3of4	Section Header: General Health questions	dosa	criptive	
	02	hageour	Page 3 of 4	uest	πράνε	
L			-0			

63	rate_general_health	How would you rate your general health?	1 2 3 4	o, Required Excellent Good Fair Poor		
64	social_profile	Describe your usual level of social interactions with other people when not under stay at home and/or social distancing?	1 2 3	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		
65	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 4 5 5 Custom alignment: RH Question number: 23			
66	start_distancing Show the field ONLY if: [practicing_distancing] > 1	When did you start social distancing?	text	(date_mdy), Require	d	
67	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.	desc	descriptive		
68	diseases_list	Has your doctor or any medical provider ever told you that	chec	kbox, Required		
		you have any of the following diseases? (check all that apply)	1	diseases_list1	Lung disease	
		арруу	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	
			-	diseases_list10	-	
				diseases_list11 diseases_list12		
					Chronic Kidney Disease	
					Neurological disorder	
				diseases_list15		
				diseases_list16		
				diseases_list17		
			Que	stion number: 24 d Annotation: @NON		

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

	76	cancer_type	Cancer type	chec	kbox, Required	
		Show the field ONLY if:	Santa gpc	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	cancer_type7	Esophageal cancer
				8		Gallbladder cancer
					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)
					cancer_type12	leukemia (CML)
					cancer_type13	Liver cancer (also known as Hepatocellular carcinoma)
				l	cancer_type14	
				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
	77	other_cancer_type Show the field ONLY if: [cancer_type(27)] = '1'	Please specify the type of cancer that was not listed above	text		
	78	cancer_treatment	Cancer treatments received		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
	79	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'				
	80	dialysis	Are you currently on dialysis for chronic kidney disease?	yesn	o, Required	
		Show the field ONLY if: [diseases_list(13)] = '1'		0	Yes No	
Ш				۳		

81	neurological_type Show the field ONLY if: [diseases_list(14)] = '1'	What type of neurological disorder?	1 2 1 3 1 4 1	o, Required Amyotrophic lateral sclerosis (ALS) Multiple Sclerosis Parkinson's Huntington's Other	
82	neurological_type_other Show the field ONLY if: [neurological_type] = '5'	What "other" type of neurological disorder?	text,	Required	
83	other_disease Show the field ONLY if: [diseases_list(16)] = '1'	Please specify any "other" chronic illness or disease you have been diagnosed with	note	s, Required	
84	organ_transplant_hx	Have you ever had an organ transplant?	yesno, Required 1 Yes 0 No Question number: 25		
85	organ_transplant Show the field ONLY if: [organ_transplant_hx] = '1'	Which organ?	text, Required		
86	immune_related_conditions	Have you ever been diagnosed with an immune related condition?	chec 1	kbox, Required immune_related_conditions1	Autoimmune condition
			2	immune_related_conditions2	Inflammatory condition
			3	immune_related_conditions3	Periodic/Freque fever
			4	immune_related_conditions4	Immune deficiency
			5	immune_related_conditions5	Recurrent warts or viral skin infections
			6	immune_related_conditions6	Seasonal Allergies/Hay Fever
			7	immune_related_conditions7	Food allergies
			8	immune_related_conditions8	Cold sores
			9	immune_related_conditions9	Shingles
			10	immune_related_conditions10	Eczema
			11	immune_related_conditions11	Hives
			12	immune_related_conditions12	None of the above
			Field	stion number: 26 I Annotation: @NONEOFTHEABOVE	=12
87	autoimmune_dx	What autoimmune condition have you been diagnosed with?		kbox, Required	
	Show the field ONLY if: [immune_related_conditions		+	autoimmune_dx1 thyroid autoimmune_dx2 lupus	
	(1)] = '1'			autoimmune_dx2 lupus autoimmune_dx3 multiple scle	rocic
			1	autoimmune_dx3 multiple scie autoimmune_dx4 cytopenia	1 0313
					ımatory bowel
			6	autoimmune_dx6 other	
			الــّــــــــــــــــــــــــــــــــــ		

88	other_autoimmune_dx Show the field ONLY if: [autoimmune_dx(6)] = '1'	What other autoimmune condition have you been diagnosed with?	text,	text, Required text, Required		
89	inflammatory_dx Show the field ONLY if: [immune_related_conditions (2)] = '1'	What inflammatory condition have you been diagnosed with?	text,			
90	meds_taken	Are you currently taking any of the following (at least once a	ched	checkbox, Required		
	week) ? (Check all that apply)	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, tolmetin)		
			2	meds_taken2	Acetaminophen (Benadryl, Excedrin, Robitussin, Sinutab, Sudafed, Tylenol, Vicks, and others)	
			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 Medications (Eliquis, Xarelto, Coumadin, Warfarin, etc.)	
			11	meds_taken11	ACE inhibitors for the treatment of hypertension (Benazepril, Captopril, Fosinopril, Lisinopril, etc.)	
			12	meds_taken12	A statin to lower cholesterol (such as atorvastatin or simvastatin)	
		13	meds_taken13	Angiotensin Receptor Blockers forhypertension (Edarbi, Atacand, Eprosartan, 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)	

	[meds_taken(5)] = '1'		0 No
103	Show the field ONLY if:	Do you take inhaled corticosteroids daily?	yesno, Required 1 Yes
	Show the field ONLY if: [meds_taken(4)] = '1'		
102	cortico_num_doses	How many doses of corticosteroids daily?	text
	Show the field ONLY if: [meds_taken(4)] = '1'		1 Yes 0 No
101	cortico_as_prescribed	Do you take corticosteroids as prescribed?	yesno, Required
100	cortico_daily Show the field ONLY if: [meds_taken(4)] = '1'	Do you take corticosteroids daily?	yesno, Required 1 Yes 0 No
400	Show the field ONLY if: [meds_taken(3)] = '1'	Do you take cortisectors ide deili 2	vecco Deguired
99	asthma_meds_num_doses	How many doses of asthma meds daily?	text
	[meds_taken(3)] = '1'		0 No
98	asthma_meds_as_prescribed Show the field ONLY if:	Do you take asthma meds as prescribed?	yesno, Required 1 Yes
	Show the field ONLY if: [meds_taken(3)] = '1'		1 Yes 0 No
97	asthma_meds_daily	Do you take asthma meds daily?	yesno, Required
	Show the field ONLY if: [meds_taken(2)] = '1'		
96	acetamin_num_doses	How many doses of Acetaminophen daily?	text
95	acetamin_as_prescribed Show the field ONLY if: [meds_taken(2)] = '1'	Do you take acetaminophen as prescribed?	yesno, Required 1 Yes 0 No
94	acetamin_daily Show the field ONLY if: [meds_taken(2)] = '1'	Do you take acetaminophen (Benadryl, Excedrin, Robitussin, Sinutab, Sudafed, Tylenol, Vicks, and others) daily?	yesno, Required 1 Yes 0 No
	Show the field ONLY if: [meds_taken(1)] = '1'	inflammatory agents (NSAIDS) daily?	
93	[meds_taken(1)] = '1' nsaids_num_doses	How many doses of conventional nonsteroidal anti-	0 No text
92	nsaids_as_prescribed Show the field ONLY if:	Do you take conventional nonsteroidal anti-inflammatory agents (NSAIDS) as prescribed?	yesno, Required 1 Yes
31	nsaids_daily Show the field ONLY if: [meds_taken(1)] = '1'	Do you take conventional nonsteroidal anti-inflammatory agents (NSAIDS) daily?	yesno, Required 1 Yes 0 No
91	and the delta		Question number: 27 Field Annotation: @NONEOFTHEABOVE=20
			20 meds_taken20 None of the above
			19 meds_taken19 Other (prescribed/non-prescribed/vitamins or supplements)
			18 meds_taken18 A beta-blocker to lower blood pressure (metoprolol, atenolol, tramadol,)
			17 meds_taken17 Thyroid medication levothryroxyne

104	inh_cortico_as_prescribed Show the field ONLY if: [meds_taken(5)] = '1'	Do you take inhaled corticosteroids as prescribed?	yesno, Required 1 Yes 0 No
105	inh_cortico_num_doses Show the field ONLY if:	How many doses of inhaled corticosteroids daily?	text
100	[meds_taken(5)] = '1'	De very telse inheled hyperthe diletere deils?	Lucasa Danvirad
106	dilators_daily Show the field ONLY if: [meds_taken(6)] = '1'	Do you take inhaled bronchodilators daily?	yesno, Required 1 Yes 0 No
107	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
108	dilators_num_doses Show the field ONLY if: [meds_taken(6)] = '1'	How many doses of inhaled bronchodilators daily?	text
109	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
110	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
111	nerve_med_num_doses Show the field ONLY if: [meds_taken(7)] = '1'	How many doses of nerve pain medication (Gabapetin) daily?	text
112	diabetic_daily Show the field ONLY if: [meds_taken(8)] = '1'	Do you take diabetic medication (Metformin) daily?	yesno, Required 1 Yes 0 No
113	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
114	diabetic_num_doses Show the field ONLY if: [meds_taken(8)] = '1'	How many doses of diabetic medication (Metformin) daily?	text
115	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
116	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
117	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
118	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
119	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

120	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
121	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, Lisinopril, etc.) daily?	yesno, Required 1 Yes 0 No
122	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, Lisinopril, etc.) as prescribed?	yesno, Required 1 Yes 0 No
123	ace_inhib_num_doses Show the field ONLY if: [meds_taken(11)] = '1'	How many doses of ACE inhibitors for the treatment of hypertension (Benazepril, Captopril, Fosinopril, Lisinopril, etc.) daily?	text
124	statin_daily Show the field ONLY if: [meds_taken(12)] = '1'	Do you take a statin to lower cholesterol (such as atorvastatin or simvastatin) daily?	yesno, Required 1 Yes 0 No
125	statin_as_prescribed Show the field ONLY if: [meds_taken(12)] = '1'	Do you take a statin to lower cholesterol (such as atorvastatin or simvastatin) as prescribed?	yesno, Required 1 Yes 0 No
126	statin_num_doses Show the field ONLY if: [meds_taken(12)] = '1'	How many doses of a statin to lower cholesterol (such as atorvastatin or simvastatin) daily?	text
127	angiotensin_daily Show the field ONLY if: [meds_taken(13)] = '1'	Do you take angiotensin receptor blockers for hypertension (Edarbi, Atacand, Eprosartan, Avapro, etc.) daily?	yesno, Required 1 Yes 0 No
128	angiotensin_as_prescribed Show the field ONLY if: [meds_taken(13)] = '1'	Do you take angiotensin receptor blockers for hypertension (Edarbi, Atacand, Eprosartan, Avapro, etc.)as prescribed?	yesno, Required 1 Yes 0 No
129	angiotensin_num_doses Show the field ONLY if: [meds_taken(13)] = '1'	How many doses of angiotensin receptor blockers for hypertension (Edarbi, Atacand, Eprosartan, Avapro, etc.)daily?	text
130	jak_daily Show the field ONLY if: [meds_taken(14)] = '1'	Do you take JAK Inhibitors (Baricitinib, ruxolitinib, fedratinib, tofacitinib) daily?	yesno, Required 1 Yes 0 No
131	jak_as_prescribed Show the field ONLY if: [meds_taken(14)] = '1'	Do you take JAK Inhibitors (Baricitinib, ruxolitinib, fedratinib, tofacitinib) as prescribed?	yesno, Required 1 Yes 0 No
132	jak_num_doses Show the field ONLY if: [meds_taken(14)] = '1'	How many doses of JAK Inhibitors (Baricitinib, ruxolitinib, fedratinib, tofacitinib) daily?	text
133	hydroxychlor_daily Show the field ONLY if: [meds_taken(15)] = '1'	Do you take Hydroxychloroquine daily?	yesno, Required 1 Yes 0 No
134	hydroxychlor_as_prescribed Show the field ONLY if: [meds_taken(15)] = '1'	Do you take Hydroxychloroquine as prescribed?	yesno, Required 1 Yes 0 No
135	hydroxychlor_num_doses Show the field ONLY if: [meds_taken(15)] = '1'	How many doses of Hydroxychloroquine daily?	text

136	il6_daily Show the field ONLY if: [meds_taken(16)] = '1'	Do you take IL-6 pathway inhibitors (sarilumab,tocilizumab, siltuximab, others) daily?	yesno, Required 1 Yes 0 No
137	il6_as_prescribed Show the field ONLY if: [meds_taken(16)] = '1'	Do you take IL-6 pathway inhibitors (sarilumab,tocilizumab, siltuximab, others) as prescribed?	yesno, Required 1 Yes 0 No
138	il6_num_doses Show the field ONLY if: [meds_taken(16)] = '1'	How many doses of IL-6 pathway inhibitors (sarilumab,tocilizumab, siltuximab, others) daily?	text
139	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
140	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
141	thyroid_med_doses Show the field ONLY if: [meds_taken(17)] = '1'	How many doses of thyroid medication levothryroxyne daily?	text
142	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
143	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
144	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
145	drug_head	Please describe information on other drugs below	descriptive
146	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
147	other_drug_1 Show the field ONLY if: [meds_taken(19)] = '1'	Other drug/vitamin/supplement name	text, Required
148	other_daily_1 Show the field ONLY if: [meds_taken(19)] = '1'	Do you take [other_drug_1] daily?	yesno, Required 1 Yes 0 No
149	other_check_1 Show the field ONLY if: [meds_taken(19)] = '1'	Do you take any other drugs/vitamins/supplements?	yesno, Required 1 Yes 0 No
150	other_drug_2 Show the field ONLY if: [other_check_1] = '1'	Other drug/vitamin/supplement name	text, Required
151	other_daily_2 Show the field ONLY if: [other_check_1] = '1'	Do you take [other_drug_2] daily?	yesno, Required 1 Yes 0 No
152	other_check_2 Show the field ONLY if: [other_check_1] = '1'	Do you take any other drugs/vitamins/supplements?	yesno, Required 1 Yes 0 No

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153	other_drug_3 Show the field ONLY if: [other_check_2] = '1'	Other drug/vitamin/supplement name	text, Required
154	other_daily_3 Show the field ONLY if:	Do you take [other_drug_3] daily?	yesno, Required 1 Yes
	[other_check_2] = '1'		0 No
155	other_check_3 Show the field ONLY if: [other_check_2] = '1'	Do you take any other drugs/vitamins/supplements?	yesno, Required 1 Yes 0 No
156	other_drug_4 Show the field ONLY if: [other_check_3] = '1'	Other drug/vitamin/supplement name	text, Required
157	other_daily_4 Show the field ONLY if: [other_check_3] = '1'	Do you take [other_drug_4] daily?	yesno, Required 1 Yes 0 No
158	other_check_4 Show the field ONLY if: [other_check_3] = '1'	Do you take any other drugs/vitamins/supplements?	yesno, Required 1 Yes 0 No
159	other_drug_5 Show the field ONLY if: [other_check_4] = '1'	Other drug/vitamin/supplement name	text, Required
160	other_daily_5 Show the field ONLY if: [other_check_4] = '1'	Do you take [other_drug_5] daily?	yesno, Required 1 Yes 0 No
161	other_check_5 Show the field ONLY if: [other_check_4] = '1'	Do you take any other drugs/vitamins/supplements?	yesno, Required 1 Yes 0 No
162	other_drug_6 Show the field ONLY if: [other_check_5] = '1'	Other drug/vitamin/supplement name	text, Required
163	other_daily_6 Show the field ONLY if: [other_check_5] = '1'	Do you take [other_drug_6] daily?	yesno, Required 1 Yes 0 No
164	other_check_6 Show the field ONLY if: [other_check_5] = '1'	Do you take any other drugs/vitamins/supplements?	yesno, Required 1 Yes 0 No
165	other_drug_7 Show the field ONLY if: [other_check_6] = '1'	Other drug/vitamin/supplement name	text, Required
166	other_daily_7 Show the field ONLY if: [other_check_6] = '1'	Do you take [other_drug_7] daily?	yesno, Required 1 Yes 0 No
167	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
168	flu_vaccine_date Show the field ONLY if: [flu_vaccine_received] = '1'	Date you received vaccine (if remembered)	text (date_mdy)

169	flu_vaccine_warning Show the field ONLY if: datediff ([flu_vaccine_date], "t oday", "d","mdy", true)<0	Date for flu vaccine is set to the future. Please check the date.	descriptive
170	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 Ouestion number: 29
171	last_flu_year	Approximately, what year was the last flu or flu-like illness?	text (integer, Min: 1900, Max: 2020)
.,,	Show the field ONLY if: [last_flu_remembered] = '1'	Type of the control o	tene (integer) mining sooy man 2020)
172	last_flu_month	Approximately, what month in [last_flu_year] did you have the flu?	dropdown (autocomplete) 1 January 2 February 3 March 4 April 5 May 6 June 7 July 8 August 9 September 10 October 11 November 12 December
173	last_flu_warning Show the field ONLY if: [last_flu_year]>2020	Year of your last flu or flu-like illness is set to the future. Please check the date.	descriptive
174	last_flu_hospital Show the field ONLY if: [last_flu_remembered] = '1'	Did you get hospitalized due to flu?	yesno, Required 1 Yes 0 No
175	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
176	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

177	antibiotics_purpose	For what purpose, were you prescribed antibiotics the last time you took antibiotics?(Check all that apply)	checkbox, Required		
177			1 antibiotics_purpose1 respiratory infection		
Show the field ONLY if: [last_antibiotics] = '1' or [last_ antibiotics] = '2' or [last_antibi otics] = '3' or [last_antibiotics]				(e.g. strep throat, sinusitis, bronchitis, pneumonia)	
	= '4' or [last_antibiotics] = '5' o r [last_antibiotics] = '6' or [last _antibiotics] = '7'		2	antibiotics_purpose	gastroenteritis, which caused diarrhea and/or vomiting
			3	antibiotics_purpose	3 urinary tract infection
			4	antibiotics_purpose	infection of the skin or a wound
			5	antibiotics_purpose	5 other purpose
			6	antibiotics_purpose	6 I don't know
178	page4of4	Section Header: Personal Lifestyle Questions Page 4 of 4	de	scriptive	
179	education_level	What is your education level?	rac	lio, Required	
			1	Primary/elementary sc	hool
			2	Vocational school	
			3	High school	
			4	College / Bachelors deg	gree
			5	Masters degree or high	ier
			011	estion number: 32	
100	job_title	What is your job title?	tex		
			Qu	estion number: 33	
181	hazard_exposure	Are you exposed to any particular hazards in your job?	che	eckbox, Required hazard_exposure1	Fumes
			1	·	
					Medical facilities
			1	hazard_exposure3	Lead
			11-	hazard_exposure4	Asbestos
			5	hazard_exposure5	Work that causes excessive sweat/dehydration/physical
			6	hazard_exposure6	Other
			7	hazard_exposure7	None of the above
				estion number: 34 ld Annotation: @NONEC	FTHEABOVE=7
182	hazard_other	Please describe the other hazards in your job	no	tes, Required	
	Show the field ONLY if: [hazard_exposure(6)] = '1'				
183	exercise_level	What is the level of your usual physical activity?	rac	lio, Required	
			1	I read, watch TV, and p physically taxing	erform chores that are not
			2	I walk, bike, or are other many days a week. Included activities: walking, fishing gardening work	
			3	I do endurance sports Including jogging, skiin calisthenics, swimming taxing gardening work	g, weight lifting, , ball games and physically
			4	I train for competitive stimes a week.	ports for regularly, many
			Qu	estion number: 35	

184	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
185	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
186	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
187	exercise_days_outdoors Show the field ONLY if: [exercise_location(3)] = '1'	How many days a week do you exercise outdoors?	text (integer), Required
188	covid19_patient_survey_complete	Section Header: Form Status Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete