Penn Medicine

Institute for Translational Medicine and Therapeutics (ITMAT)

## Penn COVID-19 Patient Survey

| <b>■</b> Codebook | • |
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## **■** Data Dictionary Codebook

04/16/2020 6:09pm

∧ Collapse all instruments

| #       | Variable / Field Name   | Field Label Field Note   | Field Attributes (Field Type, Validation, Choices, Calculations, etc.)   |
|---------|---|--|--|
| Instrum | ent: COVID-19 Patient Su  | rvey (covid19_patient_survey)  | ^ Collapse   |
| 1       | record_id   | Record ID  | text   |
| 2       | personal_profile_header   | Personal Profile   | descriptive  |
| 3       | name  | Name   | text, Required, Identifier<br>Question number: 1   |
| 4       | email_address   | Email address  | text (email), Required, Identifier<br>Question number: 2   |
| 5       | mobile_phone_number   | Mobile phone number  | text (phone), Required, Identifier<br>Question number: 3   |
| 6       | assigned_sex  | What sex were you assigned at birth?   | radio, Required  1 Male 2 Female 3 Other 4 Prefer not to answer  Question number: 4  |
| 7       | pregnancy_status  Show the field ONLY if: [assigned_sex] = '2'    | 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_sex_match  | Does your current gender identity match your sex assigned at birth?                          | radio, Required  1 Yes  0 No  2 Prefer not to answer   |
| 9       | gender_identity  Show the field ONLY if: [gender_sex_match] = '0' | 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  Field Annotation: @NONEOFTHEABOVE=8 |

|   | - 1  | T   |   |
|---|--|---|---|
| 1 | gender_self_identity  Show the field ONLY if:  [gender_identity] = '7'                   | Please specify gender self-identity   | text, Required  |
| 1 | 1 age  | How old are you (in years)?   | text (integer, Min: 0, Max: 130), Required<br>Question number: 6  |
| 1 | 2 weight   | How much do you weigh (in pounds)?  | text (integer, Min: 1, Max: 1000), Required<br>Question number: 7   |
| 1 | 3 height_header  | How tall are you?   | descriptive<br>Question number: 8   |
| 1 | 4 height_feet  | Feet  | text (integer, Min: 0, Max: 8), Required  |
| 1 | 5 height_inches  | Inches  | text (integer, Min: 0, Max: 11), Required<br>Custom alignment: RH   |
|   | 6 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   |
| 1 | 7 live_alone   | Do you live alone?  | radio, Required  1 Yes  0 No  Question number: 10   |
| 1 | household_interaction_ages  Show the field ONLY if: [live_alone] = '0'                   | Please indicate ages for people who interact in your household? (including yourself, any caregivers or roomates check all that apply) | checkbox, Required  1 household_interaction_ages1 under 3 years 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 |
| 1 | 9 household_under_3 Show the field ONLY if: [household_interaction_ages (1)] = '1'       | Number of people in household under 3 years old   | text (integer, Min: 0, Max: 100), Required  |
| 2 | household_between_3_6 Show the field ONLY if: [household_interaction_ages (2)] = '1'     | Number of 3-6 years old people interacting in household   | text (integer, Min: 0, Max: 100), Required  |
| 2 | household_between_7_17 Show the field ONLY if: [household_interaction_ages (3)] = '1'    | Number of 7-17 years old people interacting in household  | text (integer, Min: 0, Max: 100), Required  |
| 2 | 2 household_between_18_25 Show the field ONLY if: [household_interaction_ages (4)] = '1' | Number of 18-25 years old people interacting in household   | text (integer, Min: 0, Max: 100), Required  |

| 2        | 3 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:<br>[household_interaction_ages               |   |   |
| $\vdash$ | (5)] = '1'   |   |   |
| 2        | 4 household_between_41_64  | Number of 41-64 years old people interacting in household | text (integer, Min: 0, Max: 100), Required    |
|          | Show the field ONLY if:<br>[household_interaction_ages<br>(6)] = '1' |   |   |
| 2        | 5 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:<br>[household_interaction_ages<br>(7)] = '1' |   |   |
| 2        | 6 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:<br>[household_interaction_ages<br>(8)] = '1' | household   |   |
| 2        | 7 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                           |
| 2        | 8 residence_other  | Please describe "Other" residence type                    | text, Required                                |
|          | Show the field ONLY if:<br>[residence_type] = '5'                    |   |   |
| 2        | 9 patient_address  | What is your address? (For geocoding purposes only)       | notes, Required<br>Question number: 12        |
| 3        | 0 recreational_drug_use  | Do you take any recreational drugs like marijuana?        | yesno, Required                               |
|          |  |   | 1 Yes   |
|          |  |   | 0 No  |
|          |  |   | Question number: 13                           |
| 3        | 1 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                                      |
| 3        | 2 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                  |
| ١        |  |   |   |
|          |  |   | 4 I smoke only rarely                         |
|          |  |   | 4   I smoke only rarely 5   I smoke every day |
|          |  |   | 5 I smoke every day                           |
|          | 3. smoking daily avg   | How many cigarettes do you smoke a day on average?        | 5 I smoke every day  Question number: 14      |
| 3        | 3 smoking_daily_avg Show the field ONLY if:                          | How many cigarettes do you smoke a day on average?        | 5 I smoke every day                           |

|    | T   |   | <del>,                                      </del> |
|----|---|---|--|
| 34 | 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                                |
| 35 | covid_19_header                                       | COVID-19 related questions                            | descriptive  |
| 36 | diagnosed   | Have you been diagnosed with COVID-19?                | yesno, Required                                    |
|    |   |   | 1 Yes  |
|    |   |   | 0 No   |
|    |   |   | Question number: 16                                |
| 37 | testing_done  | Were you tested for COVID-19?                         | yesno, Required                                    |
|    |   |   | 1 Yes  |
|    |   |   | 0 No   |
|    |   |   | Question number: 17                                |
| 38 | 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  |
| 39 | other_test_location                                   | What is the "other" testing location indicated above? | text   |
|    | Show the field ONLY if: [testing_location] = '3'      |   |  |
| 40 | symptoms_tested                                       | Did you have symptoms when you were tested?           | yesno, Required                                    |
|    | Show the field ONLY if:                               |   | 1 Yes  |
|    | [testing_done] = '1'                                  |   | 0 No   |
| 41 | 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  |
| 42 | other_testing_reason                                  | What "other" reason did you have for testing?         | text, Required                                     |
|    | Show the field ONLY if:<br>[no_symptom_testing] = '3' |   |  |

|   | 43 | symptoms   | Please describe your COVID-19 symptoms (check all that                  | char          | kbox, Required                        |   |
|---|----|--|---|---------------|---------------------------------------|---|
|   | +5 | эутринэ  | 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<br>(anosmia)                                   |
|   |    |  |   | 8             | symptoms8                             | partial loss of taste (partial ageusia)                               |
|   |    |  |   | 9             | symptoms9                             | complete loss of taste<br>(ageusia)                                   |
|   |    |  |   | 10            | symptoms10                            | breathing problems  |
|   |    |  |   | 11            | symptoms11                            | fatigue / lethargy  |
|   |    |  |   | 12            | symptoms12                            | muscle pain   |
|   |    |  |   | 13            | symptoms13                            | runny nose  |
|   |    |  |   | 14            | symptoms14                            | diarrhea (>= 3 loose/looser<br>than normal stools in 24 hr<br>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<br>I Annotation: @NO | DNEOFTHEABOVE=0   |
|   | 44 | symptoms_cough   | How many days of coughing? (If you remember)                            | text          | (integer, Min: 0, M                   | lax: 100)   |
|   |    | Show the field ONLY if:<br>[symptoms(1)] = '1'   |   |               |                                       |   |
|   | 45 | symptoms_cough_type  | Please describe type of cough   |               | o, Required                           |   |
|   |    | Show the field ONLY if:  |   | I <del></del> | Dry                                   |   |
|   |    | [symptoms(1)] = '1'  |   | 2             | Wet                                   |   |
|   | 46 | 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:<br>[symptoms(2)] = '1'   |   |               |                                       |   |
|   | 47 | 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:<br>[symptoms(3)] = '1'   |   |               |                                       |   |
|   | 48 | symptoms_fever_max   | What was the maximum fever temperature recorded?                        | text          | (number, Min: 100                     | ), Max: 110), Required  |
|   |    | Show the field ONLY if:<br>[symptoms(3)] = '1'   |   |               |                                       |   |
|   | 49 | symptoms_other   | Please describe "other" COVID-19 symptoms                               | note          | es, Required                          |   |
|   |    | Show the field ONLY if:<br>[symptoms(20)] = '1'  |   |               |                                       |   |
|   | 50 | first_symptom_warning Show the field ONLY if: datediff ([date_first_sympto m], "today", "d","mdy", true)<0 | Date of your first symptom is set to the future. Please check the date. | desc          | criptive                              |   |
| ш |    | , coday , a , may , a ac, vo   |   | l .           |                                       |   |

| 5′ | 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'  |  |  |
| 52 | 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                                      |
| 5: | date_symptom_resolution<br>  Show the field ONLY if:<br>  [symptoms(1)] = '1' or [symptoms(3)] = '1' or [symptoms(4)] = '1' or [symptoms(5)] = '1' or [symptoms(5)] = '1' or [symptoms(6)] = '1' or [symptoms(8)] = '1' or [symptoms(9)] = '1' or [symptoms(10)] = '1' or [symptoms(13)] = '1' or [symptoms(14)] = '1' or [symptoms(14)] = '1' or [symptoms(17)] = '1' or [symptoms(19)] = '1' or [symptoms(19)] = '1' or [symptoms(19)] = '1' or [symptoms(19)] = '1' or [symptoms(20)] = '1' | Date of your symptom resolution (if known)   | text (date_mdy, Min: 2019-01-12)                 |
| 54 | 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 |
| 55 | travel_country  Show the field ONLY if: [traveled] = '1'   | Travel to which country?   | text, Required                                   |
| 56 | 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                                      |
| 57 | travel_start_date Show the field ONLY if: [traveled] = '1'   | Travel start date  | text (date_mdy)                                  |
| 58 | 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                                      |
| 59 | travel_end_date Show the field ONLY if: [traveled] = '1'   | Travel end date  | text (date_mdy)                                  |

| 65 | general_health_header  | General Health questions  | desc           | riptive                |  |
|----|--|---|----------------|------------------------|--|
| 64 | 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          | d Annotation: @NONEOFT | HEABOVE=14   |
|    |  |   | 14             | medications_used14     | Prefer not to answer   |
|    |  |   | l <del> </del> | medications_used13     |  |
|    |  |   |                | medications_used12     | Other  |
|    |  |   | l <del></del>  | medications_used11     | Interferon Alpha   |
|    |  |   | l <del></del>  | medications_used10     | Ribavirin  |
|    |  |   | 9              | medications_used9      | Sofosbuvir   |
|    |  |   |                |                        | Hydroxychloroquine   |
|    |  |   | 8              | medications_used8      | Xofluza (baloxavir marboxil)  Chloroquine or                             |
|    |  |   | 7              | medications_used7      | inhibitor  Tamiflu (oseltamivir) or                                      |
|    |  |   | 6              | medications_used6      | Remdesivir (GS-5735)<br>or another protease                              |
|    |  |   | 5              | medications_used5      | JAK inhibitors<br>(baricitinib, ruxolitinib,<br>fedratinib, tofacitinib) |
|    |  |   | 4              | medications_used4      | IL-6 pathway blockers<br>(sarilumab,<br>tocilizumab,<br>siltuximab)      |
|    |  |   |                |                        | (prednisone,<br>methylprednisolone,<br>dexamethasone,<br>hydrocortisone) |
|    |  |   | 3              | medications_used3      | (Tylenol)  Corticosteroids   |
|    |  |   | 2              | medications_used2      | piroxicam)  Acetaminophen  |
|    | [medication_treatment] = '1'   | apply)?   |                |                        | aspirin, naproxen,<br>celecoxib, diclofenac,<br>indomethacin,            |
| 35 | Show the field ONLY if:  | medications to treat your COVID-19 illness (Check all that                | 1              | medications_used1      | NSAIDs (ibuprofen,   |
| 63 | medications_used   | Do you know if doctors used any of the following                          | ш              | ckbox, Required        |  |
|    | Show the field ONLY if:<br>[diagnosed] = '1'                                 |   | -              | No No                  |  |
| 62 | medication_treatment   | Were you treated with any medications for your COVID-19 illness?          |                | no, Required<br>Yes    |  |
|    | Programme and the second   |   |                | Elsewhere              |  |
|    | posure_known] = '2'  |   | $\vdash$       | Work                   |  |
|    | Show the field ONLY if:<br>[exposure_known] = '1' or [ex                     |   | -              | Home                   |  |
| 61 | exposure_location  | Was this at home, work, or elsewhere?                                     |                | o, Required            |  |
|    |  |   | Que            | stion number: 20       |  |
|    |  |   | 4              | Not sure               |  |
|    |  |   | 3              |                        |  |
|    |  |   | l <del></del>  | Yes; Suspected         |  |
|    |  | have COVID-19?  | 1              | Yes; Known             |  |
| 60 | exposure_known   | Were you exposed to an individual known or suspected to                   | radi           | o, Required            |  |

| 66 | rate_general_health   | How would you rate your general health?   | radio, Required  1 Excellent  2 Good  3 Fair  4 Poor  |
|----|---|---|---|
| 67 | social_profile  | Describe your usual level of social interactions with other people when not under stay at home and/or social distancing?  | Question number: 21 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 |
| 68 | 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  |
| 69 | 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   |
| 70 | start_distancing Show the field ONLY if: [practicing_distancing] > 1                                      | When did you start social distancing?   | text (date_mdy), Required   |
| 71 | 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    diseases_list1   Lung disease   |

|    | T  |  |   |
|----|--|--|---|
| 72 | 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   |
| 73 | another_lung_disease                                     | Please specify which other lung disorder you were        | text, Required  |
|    | Show the field ONLY if:<br>[lung_disease] = '6'          | diagnosed with   |   |
| 74 | 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   |
| 75 | heart_disease_type_other                                 | Please list "other" type of heart disease                | text  |
|    | Show the field ONLY if:<br>[heart_disease_type(4)] = '1' |  |   |
| 76 | diabetes_type  | Diabetes type  | radio, Required   |
|    | Show the field ONLY if:                                  |  | 1 Type 1  |
|    | [diseases_list(7)] = '1'                                 |  | 2 Type 2  |
| 77 | 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   |
| 78 | joint_disease_other                                      | What "other" type of joint disease?                      | text, Required  |
|    | Show the field ONLY if: [arthritis_type] = '3'           |  |   |

|   | 79 | cancer_type  | Cancer type   | chec          | kbox, Required    |  |
|---|----|--|---|---------------|-------------------|--|
|   |    | Show the field ONLY if:  | Santa app   | 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<br>any site (Nose, mouth,<br>tongue, throat) |
|   |    |  |   | 10            | cancer_type10     | Kidney cancer (also known as<br>Renal Cell Carcinoma)                |
|   |    |  |   | 11            | cancer_type11     | Leukemia - Acute Leukemia<br>(AML or ALL)                            |
|   |    |  |   | 12            | cancer_type12     | leukemia (CML)   |
|   |    |  |   |               | cancer_type13     | Liver cancer (also known as<br>Hepatocellular carcinoma)             |
|   |    |  |   | l <del></del> | cancer_type14     |  |
|   |    |  |   | 15            | cancer_type15     | Lymphoma (Hodgkins or<br>non-Hodgkins)                               |
|   |    |  |   | 16            | cancer_type16     | Melanoma   |
|   |    |  |   | 17            | cancer_type17     | Non-melanoma skin cancer<br>(Basal or Squamous cell<br>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  |
|   | 80 | other_cancer_type  Show the field ONLY if: [cancer_type(27)] = '1'   | Please specify the type of cancer that was not listed above | text          |                   |  |
|   | 81 | 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   |
|   | 82 | past_cancer_treatment  | How long ago was cancer treated?                            | text,         | Required          |  |
|   |    | Show the field ONLY if:<br>[cancer_treatment(1)] = '1' or<br>[cancer_treatment(2)] = '1' or<br>[cancer_treatment(3)] = '1' |   |               |                   |  |
|   | 83 | dialysis   | Are you currently on dialysis for chronic kidney disease?   | yesr          | o, Required       |  |
|   |    | Show the field ONLY if:<br>[diseases_list(13)] = '1'   |   | 1 0           | Yes<br>No         |  |
| Щ |    |  |   | لخا           |                   |  |

| 84 | neurological_type  Show the field ONLY if: [diseases_list(14)] = '1'       | What type of neurological disorder?   | radio, Required  1 Amyotrophic lateral sclerosis (ALS)  2 Multiple Sclerosis  3 Parkinson's  4 Huntington's  5 Other |             |
|----|--|---|--|-------------|
| 85 | neurological_type_other  Show the field ONLY if: [neurological_type] = '5' | What "other" type of neurological disorder?   | text, Required   |             |
| 86 | other_disease Show the field ONLY if: [diseases_list(16)] = '1'            | Please specify any "other" chronic illness or disease you have been diagnosed with  | notes, Required  |             |
| 87 | organ_transplant_hx  | Have you ever had an organ transplant?  | yesno, Required  1 Yes 0 No  Question number: 25   |             |
| 88 | organ_transplant Show the field ONLY if: [organ_transplant_hx] = '1'       | Which organ?  | text, Required   |             |
| 89 | immune_related_conditions  | Have you ever been diagnosed with an immune related condition?  | checkbox, Required  1 immune_related_conditions1 Autoimmun condition   | e           |
|    |  |   | 2 immune_related_conditions2 Inflammator condition   | У           |
|    |  |   | 3 immune_related_conditions3 Periodic/Fre fever  | que         |
|    |  |   | 4 immune_related_conditions4 Immune deficiency   |             |
|    |  |   | 5 immune_related_conditions5 Recurrent w or viral skin infections  | arts        |
|    |  |   | 6 immune_related_conditions6 Seasonal Allergies/Ha Fever   | у           |
|    |  |   | 7 immune_related_conditions7 Food allergion  | es          |
|    |  |   | 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   |             |
|    |  |   | Question number: 26<br>Field Annotation: @NONEOFTHEABOVE=12  |             |
| 90 | autoimmune_dx  | What autoimmune condition have you been diagnosed with?   | checkbox, Required   | _           |
|    | Show the field ONLY if: [immune_related_conditions                         | with the state of | 1 autoimmune_dx1 thyroid   | $\parallel$ |
|    | (1)] = '1'   |   | 2 autoimmune_dx2 lupus   |             |
|    |  |   | 3 autoimmune_dx3 multiple sclerosis  |             |
|    |  |   | 4 autoimmune_dx4 cytopenia 5 autoimmune_dx5 colitis/inflammatory bowe disease  |             |
|    |  |   | 6 autoimmune_dx6 other   | $\dashv$    |
|    |  |   |  |             |

|  | 91                             | other_autoimmune_dx  Show the field ONLY if: [autoimmune_dx(6)] = '1'         | What other autoimmune condition have you been diagnosed with?     | text,  | Required       |   |
|--|--------------------------------|---|---|--|----------------|---|
|  | 92                             | inflammatory_dx Show the field ONLY if: [immune_related_conditions (2)] = '1' | What inflammatory condition have you been diagnosed with?         | text,  | Required       |   |
|  | 93                             | meds_taken  | Are you currently taking any of the following (at least once a cl | ched   | kbox, 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,<br>Excedrin, Robitussin,<br>Sinutab, Sudafed, Tylenol,<br>Vicks, and others) |
|  |                                |   |   | 3  | meds_taken3    | Asthma Meds<br>(bronchodilator<br>Ventolin,albuterol)   |
|  |                                |   |   | 4  | meds_taken4    | Corticosteroids(not inhaled),<br>eg. Prednisone   |
|  |                                |   |   | 5  | meds_taken5    | Inhaled corticosteroids   |
|  |                                |   |   | 6  | meds_taken6    | Inhaled Bronchodialators  |
|  |                                |   |   | 7  | meds_taken7    | Nerve pain medication,<br>Gabapetin   |
|  |                                |   |   | 8  | meds_taken8    | Diabetic<br>medication,Metformin  |
|  |                                |   |   | 9  | meds_taken9    | Anti-TNF medications<br>(infliximab, adalimumab,<br>certolizumab, golimumab,<br>etanercept, others)   |
|  |                                |   |   | 10   | meds_taken10   | Blood Thinning Medications<br>(Eliquis, Xarelto, Coumadin,<br>Warfarin, etc.)                         |
|  |                                |   |   | 11   | meds_taken11   | ACE inhibitors for the treatment of hypertension (Benazepril, Captopril, Fosinopril, Lisinpril, etc.) |
|  |                                |   |   | 12   | meds_taken12   | A statin to lower cholesterol<br>(such as atorvastatin or<br>simvastatin)                             |
|  |                                |   |   | 13   | meds_taken13   | Angiotensin Receptor<br>Blockers forhypertension<br>(Edarbi, Atacand, Eprosartan,<br>Avapro, etc.)    |
|  |                                |   |   | 14   | meds_taken14   | JAK Inhibitors (Baricitinib,<br>ruxolitinib, fedratinib,<br>tofacitinib)                              |
|  |                                |   |   | 15   | meds_taken15   | Hydroxychloroquine  |
|  |                                |   |   | 16   | meds_taken16   | IL-6 pathway inhibitors<br>(sarilumab,tocilizumab,<br>siltuximab, others)                             |

| 1 1 |    |  |   |  |
|-----|----|--|---|--|
|     |    |  |   | 17 meds_taken17 Thyroid medication levothryroxyne  |
|     |    |  |   | 18 meds_taken18 A beta-blocker to lower blood pressure (metoprolol, atenolol, tramadol,) |
|     |    |  |   | 19 meds_taken19 Other (prescribed/non-prescribed/vitamins or supplements)                |
|     |    |  |   | 20 meds_taken20 None of the above  |
|     |    |  |   | Question number: 27<br>Field Annotation: @NONEOFTHEABOVE=20                              |
| Ğ   | 94 | 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   |
| g   | 95 | nsaids_as_prescribed Show the field ONLY if: [meds_taken(1)] = '1'   | Do you take conventional nonsteroidal anti-inflammatory agents (NSAIDS) as prescribed?                          | yesno, Required  1 Yes  0 No   |
| Ğ   | 96 | nsaids_num_doses Show the field ONLY if: [meds_taken(1)] = '1'       | How many doses of conventional nonsteroidal anti-<br>inflammatory agents (NSAIDS) daily?                        | text   |
| g   | 97 | 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   |
| ğ   | 98 | acetamin_as_prescribed Show the field ONLY if: [meds_taken(2)] = '1' | Do you take acetaminophen as prescribed?  | yesno, Required  1 Yes  0 No   |
| 9   | 99 | acetamin_num_doses   | How many doses of Acetaminophen daily?  | text   |
|     |    | Show the field ONLY if:<br>[meds_taken(2)] = '1'                     |   |  |
| 1   | 00 | asthma_meds_daily  | Do you take asthma meds daily?  | yesno, Required  |
|     |    | Show the field ONLY if:<br>[meds_taken(3)] = '1'                     |   | 1 Yes 0 No   |
| 1   | 01 | asthma_meds_as_prescribed  | Do you take asthma meds as prescribed?  | yesno, Required  |
|     |    | Show the field ONLY if:<br>[meds_taken(3)] = '1'                     |   | 1 Yes<br>0 No  |
| 1   | 02 | asthma_meds_num_doses  | How many doses of asthma meds daily?  | text   |
|     |    | Show the field ONLY if:<br>[meds_taken(3)] = '1'                     |   |  |
| 1   | 03 | cortico_daily  | Do you take corticosteroids daily?  | yesno, Required  |
|     |    | Show the field ONLY if:<br>[meds_taken(4)] = '1'                     |   | 1 Yes<br>0 No  |
| 1   | 04 | cortico_as_prescribed  | Do you take corticosteroids as prescribed?  | yesno, Required  |
|     |    | Show the field ONLY if:<br>[meds_taken(4)] = '1'                     |   | 1 Yes<br>0 No  |
| 1   | 05 | cortico_num_doses  | How many doses of corticosteroids daily?  | text   |
|     |    | Show the field ONLY if:<br>[meds_taken(4)] = '1'                     |   |  |
| 1   | 06 | inh_cortico_daily  | Do you take inhaled corticosteroids daily?  | yesno, Required  |
|     |    | Show the field ONLY if:  |   | 1 Yes  |

| 107 | 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 |
|-----|---|--|------------------------------|
| 108 | inh_cortico_num_doses Show the field ONLY if: [meds_taken(5)] = '1'     | How many doses of inhaled corticosteroids daily?   | text                         |
| 109 | dilators_daily  Show the field ONLY if: [meds_taken(6)] = '1'           | Do you take inhaled bronchodilators daily?   | yesno, Required 1 Yes 0 No   |
| 110 | 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 |
| 111 | dilators_num_doses  Show the field ONLY if: [meds_taken(6)] = '1'       | How many doses of inhaled bronchodilators daily?   | text                         |
| 112 | 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 |
| 113 | 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 |
| 114 | nerve_med_num_doses Show the field ONLY if: [meds_taken(7)] = '1'       | How many doses of nerve pain medication (Gabapetin) daily?   | text                         |
| 115 | diabetic_daily  Show the field ONLY if: [meds_taken(8)] = '1'           | Do you take diabetic medication (Metformin) daily?   | yesno, Required  1 Yes  0 No |
| 116 | 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 |
| 117 | diabetic_num_doses  Show the field ONLY if: [meds_taken(8)] = '1'       | How many doses of diabetic medication (Metformin) daily?   | text                         |
| 118 | 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 |
| 119 | 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 |
| 120 | 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                         |
| 121 | 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 |
| 122 | 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 |

| 123 | 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                         |
|-----|---|---|------------------------------|
| 124 | 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 |
| 125 | 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 |
| 126 | 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, Lisinpril, etc.)daily?   | text                         |
| 127 | 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 |
| 128 | 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 |
| 129 | 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                         |
| 130 | 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  |
| 131 | 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 |
| 132 | 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                         |
| 133 | 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 |
| 134 | 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 |
| 135 | jak_num_doses  Show the field ONLY if: [meds_taken(14)] = '1'                   | How many doses of JAK Inhibitors (Baricitinib, ruxolitinib, fedratinib, tofacitinib) daily?                                     | text                         |
| 136 | hydroxychlor_daily Show the field ONLY if: [meds_taken(15)] = '1'               | Do you take Hydroxychloroquine daily?   | yesno, Required  1 Yes  0 No |
| 137 | hydroxychlor_as_prescribed<br>Show the field ONLY if:<br>[meds_taken(15)] = '1' | Do you take Hydroxychloroquine as prescribed?   | yesno, Required  1 Yes  0 No |
| 138 | hydroxychlor_num_doses Show the field ONLY if: [meds_taken(15)] = '1'           | How many doses of Hydroxychloroquine daily?   | text                         |

| 139 | 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   |
|-----|--|---|--|
| 140 | 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   |
| 141 | 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   |
| 142 | thyroid_med_daily<br>Show the field ONLY if:<br>[meds_taken(17)] = '1'         | Do you take thyroid medication levothryroxyne daily?  | yesno, Required  1 Yes  0 No   |
| 143 | thyroid_med_as_prescribed<br>Show the field ONLY if:<br>[meds_taken(17)] = '1' | Do you take thyroid medication levothryroxyneas prescribed?   | yesno, Required  1 Yes  0 No   |
| 144 | thyroid_med_doses Show the field ONLY if: [meds_taken(17)] = '1'               | How many doses of thyroid medication levothryroxyne daily?  | text   |
| 145 | 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   |
| 146 | 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   |
| 147 | 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   |
| 148 | header_describe_other  Show the field ONLY if: [meds_taken(19)] = '1'          | Please describe information on other drugs below  | descriptive  |
| 149 | other_drug_types<br>Show the field ONLY if:<br>[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 |
| 150 | other_drug_1 Show the field ONLY if: [meds_taken(19)] = '1'                    | Other drug/vitamin/supplement name  | text, Required   |
| 151 | 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   |
| 152 | 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   |
| 153 | other_drug_2 Show the field ONLY if: [other_check_1] = '1'                     | Other drug/vitamin/supplement name  | text, Required   |
| 154 | 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   |

| 155 | other_check_2                                    | Do you take any other drugs/vitamins/supplements?      | yesno, Required     |
|-----|--|--|---------------------|
|     | Show the field ONLY if:<br>[other_check_1] = '1' |  | 1 Yes<br>0 No       |
| 156 | other_drug_3                                     | Other drug/vitamin/supplement name                     | text, Required      |
|     | Show the field ONLY if:<br>[other_check_2] = '1' |  |                     |
| 157 | other_daily_3                                    | Do you take [other_drug_3] daily?                      | yesno, Required     |
|     | Show the field ONLY if:<br>[other_check_2] = '1' |  | 1 Yes 0 No          |
| 158 | other_check_3                                    | Do you take any other drugs/vitamins/supplements?      | yesno, Required     |
|     | Show the field ONLY if:<br>[other_check_2] = '1' |  | 1 Yes<br>0 No       |
| 159 | other_drug_4                                     | Other drug/vitamin/supplement name                     | text, Required      |
|     | Show the field ONLY if:<br>[other_check_3] = '1' |  |                     |
| 160 | other_daily_4                                    | Do you take [other_drug_4] daily?                      | yesno, Required     |
|     | Show the field ONLY if:<br>[other_check_3] = '1' |  | 1 Yes<br>0 No       |
| 161 | other_check_4                                    | Do you take any other drugs/vitamins/supplements?      | yesno, Required     |
|     | Show the field ONLY if:<br>[other_check_3] = '1' |  | 1 Yes<br>0 No       |
| 162 | other_drug_5                                     | Other drug/vitamin/supplement name                     | text, Required      |
|     | Show the field ONLY if:<br>[other_check_4] = '1' |  |                     |
| 163 | other_daily_5                                    | Do you take [other_drug_5] daily?                      | yesno, Required     |
|     | Show the field ONLY if:<br>[other_check_4] = '1' |  | 1 Yes<br>0 No       |
| 164 | other_check_5                                    | Do you take any other drugs/vitamins/supplements?      | yesno, Required     |
|     | Show the field ONLY if:<br>[other_check_4] = '1' |  | 1 Yes<br>0 No       |
| 165 | other_drug_6                                     | Other drug/vitamin/supplement name                     | text, Required      |
|     | Show the field ONLY if:<br>[other_check_5] = '1' |  |                     |
| 166 | other_daily_6                                    | Do you take [other_drug_6] daily?                      | yesno, Required     |
|     | Show the field ONLY if:<br>[other_check_5] = '1' |  | 1 Yes<br>0 No       |
| 167 | other_check_6                                    | Do you take any other drugs/vitamins/supplements?      | yesno, Required     |
|     | Show the field ONLY if:<br>[other_check_5] = '1' |  | 1 Yes<br>0 No       |
| 168 | other_drug_7                                     | Other drug/vitamin/supplement name                     | text, Required      |
|     | Show the field ONLY if:<br>[other_check_6] = '1' |  |                     |
| 169 | other_daily_7                                    | Do you take [other_drug_7] daily?                      | yesno, Required     |
|     | Show the field ONLY if:<br>[other_check_6] = '1' |  | 1 Yes 0 No          |
| 170 | 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 |

|          |     |   |   | T  |
|----------|-----|---|---|--|
|          | 171 | 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  |
|          |     |   |   |  |
|          | 172 | flu_vaccine_date  Show the field ONLY if:   | Date you received vaccine (if remembered)   | text (date_mdy)  |
|          |     | [flu_vaccine_received] = '1'  |   |  |
|          | 173 | 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                    |
|          | 174 | last_flu_warning  | Date of your last flu or flu-like illness is set to the future.   | descriptive  |
|          | 174 | Show the field ONLY if:<br>datediff ([last_flu_date], "toda<br>y", "d","mdy", true)<0                   | Please check the date.  | descriptive  |
|          | 175 | last_flu_date   | Approximately, when was the last flu or flu-like illness?   | text (date_mdy)  |
|          |     | Show the field ONLY if:<br>[last_flu_remembered] = '1'  |   |  |
|          | 176 | 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   |
|          | 177 | flu_frequency   | How often do you get flu or flu-like illness?   | radio, Required  |
|          |     | aequeey   | The steer do you get ha or he mice mices.   | 1 Never  |
|          |     |   |   | 2 Rarely   |
|          |     |   |   | 3 Once a year  |
|          |     |   |   |  |
|          |     |   |   | 4 Twice a year or more   |
|          |     |   |   | Question number: 30  |
|          | 178 | 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  |
|          | 170 | antihiotics purposs   | For what purpose were you prescribed antibiotics the last   | checkbox, Required   |
|          | 179 | antibiotics_purpose   | For what purpose, were you prescribed antibiotics the last time you took antibiotics?(Check all that apply) | 1 antibiotics_purpose1 respiratory infection                         |
|          |     | Show the field ONLY if:<br>[last_antibiotics] = '1' or [last_   |   | (e.g. strep throat,  |
|          |     | antibiotics] = '2' or [last_antibi  |   | sinusitis, bronchitis,   |
|          |     | otics] = '3' or [last_antibiotics]  |   | pneumonia)   |
|          |     | = '4' or [last_antibiotics] = '5' o<br>r [last_antibiotics] = '6' or [last                              |   | 2 antibiotics_purpose2 gastroenteritis, which caused diarrhea and/or |
|          |     | _antibiotics] = '7'   |   | 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                                |
| $\vdash$ | 180 | header_lifestyle  | Personal Lifestyle Questions  | descriptive  |
| Ш        | 100 | neader_mestyle  | 1 crostial Encotyle Questions   | acsorptive   |

| 181 | education_level   | What is your education level?                          | radio, Required  1 Primary/elementary school  2 Vocational school  3 High school  4 College / Bachelors degree  5 Masters degree or higher  Ouestion number: 32   |
|-----|---|--|---|
| 182 | job_title   | What is your job title?                                | text Ouestion number: 33  |
| 183 | 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  Ouestion number: 34  |
| 184 | hazard_other Show the field ONLY if: [hazard_exposure(6)] = '1'                             | Please describe the other hazards in your job          | Field Annotation: @NONEOFTHEABOVE=7  notes, Required  |
| 185 | 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 |
| 186 | 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   |
| 187 | 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  |
| 188 | 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  |
| 189 | exercise_days_outdoors Show the field ONLY if: [exercise_location(3)] = '1'                 | How many days a week do you exercise outdoors?         | text (integer), Required  |

| ſ | 190 | covid19_patient_survey_compl | Section Header: Form Status | dro | pdown      |
|---|-----|------------------------------|-----------------------------|-----|------------|
|   |     | ete                          | Complete?                   | 0   | Incomplete |
|   |     |                              |                             | 1   | Unverified |
|   |     |                              |                             | 2   | Complete   |