| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[1]](#footnote-1)** | **Description** | **Codes** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | SITE | N | 8 |  | F | Country | 1=The Gambia  2=Mali  3=Mozambique  4=Kenya  5=India  6=Bangladesh  7=Pakistan |
| 0 | 2 | CENTER | N | 8 | Z3. | F | 3-Digit Center Number |  |
| 0 | 3 | CHILDID | N | 8 |  | F | Child ID |  |
| 0 | 4 | CASEID | N | 8 |  | C | Child Id of Case, used to group Cases and matching control |  |
| 0 | 5 | Type | C | 7 |  | C | Identify observation as a Case or Control | Case = Child is a case  Control = Child is a control |
| 0 | 6 | Study | C | 6 |  | C |  | GEMS1A= not enrolled as a good pair  LSD = enrolled in LSD  MSD = enrolled in MSD |
| 0 | 7 | MSD | N | 8 |  | C |  | 1=enrolled in MSD  0=not enrolled in MSD |
| 0 | 8 | LSD | N | 8 |  | C |  | 1=enrolled in LSD  0=not enrolled in LSD |
| 0 | 9 | C\_All | N | 8 |  | C | Child is part of Good Pair-All forms complete? | 1=All forms complete  0=Missing forms or pages |
| 0 | 10 | C\_LabFrm | N | 8 |  | C | Child is part of Good Pair-All Lab forms complete? | 1=All forms complete  0=Missing forms or pages |
| 0 | 11 | P\_All | N | 8 |  | C | Do all members of the Good Pair have all forms complete? | 1=All forms complete  0=Missing forms or pages |
| 0 | 12 | P\_LabFrm | N | 8 |  | C | Do all members of the Good Pair have all Lab forms complete? | 1=All forms complete  0=Missing forms or pages |
| 0 | 13 | CASE\_AGE\_CAT | N | 8 |  | C | Cases: Age strata  Controls: Matching case's age strata | 1 = 0-11 months  2 = 12-23 months  3 = 24-59 months  4 = age >59  5 = visit date bad or missing  6 = birthdate missing  7 = age < 0 |
| 0 | 14 | ENROLLDATE | N | 8 | DATE. | C | Date of Enrollment (or visit date on form 3, 2, 6) | Cases: Form 4 date if available, or Form 3 date, or Form 2 date  Controls: Form 6 Q18 date of enrollment if available, or Form 6 date |
| 0 | 15 | LAB\_SPECIMEN\_ID | N | 8 |  | R | Specimen ID | Lab specimen id  .S = there is a problem with the label |
| 0 | 16 | LAB\_PAIR | N | 8 |  | C | Lab form status variable - Are both case and control eligible, enrolled and do they both have all necessary lab forms | 0=Not complete  1=Good Case-Control Pair  2=Case and Control enrolled, good label numbers, missing lab forms. |
| 0 | 17 | F2 | N | 8 |  | C | 2= Child has a form 2 | 2 = Child has form 2  . = no Form 2 |
| 0 | 18 | F3 | N | 8 |  | C |  | 3=has Form 3  . = no Form 3 |
| 0 | 19 | F4A | N | 8 |  | C |  | 41=has Form 4A  . = no Form 4A |
| 0 | 20 | F4B | N | 8 |  | C |  | 42=has Form 4B  . = no Form 4B |
| 0 | 21 | F6 | N | 8 |  | C |  | 6=has Form 6  . = no Form 6 |
| 0 | 22 | F7 | N | 8 |  | C |  | 7=has Form 7  . = no Form 7 |
| 0 | 23 | F11 | N | 8 |  | C |  | 11=has Form 11  . = no Form 11 |
| 0 | 24 | F15 | N | 8 |  | C |  | 15=has Form 15  . = no Form 15 |
| 0 | 25 | F16 | N | 8 |  | C |  | 16=has Form 16  . = no Form 16 |
| 0 | 26 | F17 | N | 8 |  | C |  | 17=has Form 17  . = no Form 17 |
| 0 | 27 | F17A | N | 8 |  | C |  | 71=has Form 17A  . = no Form 17A |
| 0 | 28 | F18 | N | 8 |  | C |  | 18=has Form 18  . = no Form 18 |
| 0 | 29 | F19 | N | 8 |  | C |  | 19=has Form 19  . = no Form 19 |
| 0 | 30 | F5 | N | 8 |  | C |  | 5=has Form 5  . = no Form 5 |
| 0 | 31 | F9 | N | 8 |  | C |  | 9=has Form 9  . = no Form 9 |
| 0 | 32 | Wealth\_Index | N | 8 |  | C | Wealth Index (continuous score) |  |
| 0 | 33 | wiq | N | 8 |  | C | Wealth Index quartile | 0,1,2,3,4 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CRF 02 Registration Log for Cases** | | | | | | | | |
| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[2]](#footnote-2)** | **Description** | **Codes** |
| 2 | 1 | CASE\_REGLOG | N | 8 |  | F | Case Registration Log Number |  |
| 2 | 2 | F2\_DATE | N | 8 | mmddyy10. | F | F2 Date |  |
| 2 | 3 | F2\_VERSION | N | 8 |  | F | Version | Version=2 |
| 2 | 4 | F2\_TIME | N | 8 | TIME5. | F | F2 Time |  |
| 2 | 5 | F2\_CLUSTER | C | 8 |  | F | F2 Cluster Unit |  |
| 2 | 6 | F2\_AGE | N | 8 |  | F | Age | 0 - 59 months |
| 2 | 7 | F2\_GENDER | N | 8 |  | F | Gender | 0= boy  1=girl |
| 2 | 8 | F2\_HOSP | N | 8 |  | F | Hospitalized | 0= no  1=yes |
| 2 | 9 | F2\_DSS | N | 8 |  | F | Qualifies for DSS | 0=no  1=yes |
| 2 | 10 | F2\_LOOSE\_STOOLS | N | 8 |  | F | Abnormally loose stools | 0=no  1=yes |
| 2 | 11 | F2\_INT\_CODE | C | 3 |  | F | Interviewer's Staff Code |  |
| 2 | 12 | F2\_QC\_CODE | C | 3 |  | F | Quality Control's Staff Code |  |
| 2 | 13 | F2\_QC\_DATE | N | 8 | mmddyy10. | F | QC Date |  |

| **CRF 03 Eligibility for Cases** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[3]](#footnote-3)** | **Description** | **Codes** |
| 3 | 1 | F3\_DATE | N | 8 | mmddyy10. | F | F3 Date |  |
| 3 | 2 | F3\_VERSION | N | 8 |  | F | Form Version | 3 = version 3 |
| 3 | 3 | F3\_CHILDBIRTH | N | 8 | mmddyy10. | F | 1. Calculated birthdate |  |
| 3 | 4 | F3\_AGE | N | 8 |  | F | 1. Child's age | 0 - 59 months |
| 3 | 5 | F3\_GENDER | N | 8 |  | F | 2. Child's gender | 0=boy, 1=girl |
| 3 | 6 | F3\_CHILD\_DSS | N | 8 |  | F | 3. Child qualify as DSS | 0=no, 1=yes |
| 3 | 7 | F3\_AGE59 | N | 8 |  | F | 4. The child is 0-59 months of age | 0=no, 1=yes, 9=DK |
| 3 | 8 | F3\_ABN\_LOOSE | N | 8 |  | F | 5. 3 or more abnormally loose stools | 0=no, 1=yes, 9=DK |
| 3 | 9 | F3\_DRH\_7 | N | 8 |  | F | 6. Diarrhea within 7 days | 0=no, 1=yes, 9=DK |
| 3 | 10 | F3\_DRH7DAY | N | 8 |  | F | 7. 7 days without diarrhea | 0=no, 1=yes, 9=DK |
| 3 | 11 | F3\_QUALIFY\_GEMS1A | N | 8 |  | F | 8. Child qualify for GEMS 1A | 0=no, 1=yes |
| 3 | 12 | F3\_INT\_CODE | C | 3 |  | F | Interviewer's staff code (Page 1) |  |
| 3 | 13 | F3\_QC\_CODE | C | 3 |  | F | Quality control's staff code (Page 1) |  |
| 3 | 14 | F3\_QC\_DATE | N | 8 | mmddyy10. | F | Calculated QC Date (Page 1) |  |
| 3 | 15 | F3\_LSD\_CASE | N | 8 |  | F | 9a. Currently enrolled as an LSD case | 0=no, 1=yes |
| 3 | 16 | F3\_MSD\_CASE | N | 8 |  | F | 9b. Currently enrolled as an MSD case | 0=no, 1=yes |
| 3 | 17 | F3\_DRH\_SUNKEYES | N | 8 |  | F | 10a. Sunken eyes | 0=no, 1=yes |
| 3 | 18 | F3\_DRH\_TURGOR | N | 8 |  | F | 10b. Loss of skin turgor | 0=no, 1=yes |
| 3 | 19 | F3\_DRH\_IV | N | 8 |  | F | 10c. Intravenous rehydration | 0=no, 1=yes |
| 3 | 20 | F3\_DRH\_DYS | N | 8 |  | F | 10d. Dysentery | 0=no, 1=yes |
| 3 | 21 | F3\_DRH\_HOSP | N | 8 |  | F | 10e. Hospitalized with diarrhea or dysentery | 0=no, 1=yes |
| 3 | 22 | F3\_CHILD\_MSD | N | 8 |  | F | 11. Child eligible for enrollment in MSD | 0=no,1=yes |
| 3 | 23 | F3\_CHILD\_LSD | N | 8 |  | F | 12. Child eligible for enrollment in LSD | 0=no,1=yes |
| 3 | 24 | F3\_INT\_CODE2 | C | 3 |  | F | Interviewer's staff code (Page 2) |  |
| 3 | 25 | F3\_QC\_CODE2 | C | 3 |  | F | Quality control's staff code (Page 2) |  |
| 3 | 26 | F3\_QC\_DATE2 | N | 8 | mmddyy10. | F | Calculated QC Date (Page 2) |  |
| 3 | 27 | F3\_CONSENT | N | 8 |  | F | 13. Consent obtained | 0=no, 1=yes |
| 3 | 28 | F3\_ANTIBIOTIC | N | 8 |  | F | 14. Child given antibiotic before stool | 0=no, 1=yes |
| 3 | 29 | F3\_STOOL\_SMPL | N | 8 |  | F | 14a. Stool sample collected from child | 0=no, 1=yes |
| 3 | 30 | F3\_RECT\_SWAB | N | 8 |  | F | 14b. Rectal swabs taken from child | 0=no, 1=yes |
| 3 | 31 | F3\_CHILD\_ENROLL | N | 8 |  | F | 15. Was the child enrolled | 0=no, 1=yes |
| 3 | 32 | F3\_NOT\_ENROLLED | N | 8 |  | F | 16. Eligible but not enrolled reason? | 1=not invited  2=refused |
| 3 | 33 | F3\_NOT\_INVITED | N | 8 |  | F | 16. Reason not invited | 1 = After hours  2 = No rectal swab before antibiotic  3 = Unable to produce stool  4 = 14 day quota filled  5 = Child died  6 = Child too sick  7 = Other |
| 3 | 34 | F3\_NOT\_INVITE\_SPEC | C | 60 |  | F | 16. Specify other reason not invited |  |
| 3 | 35 | F3\_PT\_REFUSED | N | 8 |  | F | 16. Reason refused by parent/caretaker | 1 = Parent/Caretaker too busy  2 = Does not like research  3 = Child too sick  4 = Other |
| 3 | 36 | F3\_PT\_REFUSED\_SPEC | C | 60 |  | F | 16. Specify other reason parent refused |  |
| 3 | 37 | F3\_INT\_CODE3 | C | 3 |  | F | Interviewer's Staff Code (Page 3) |  |
| 3 | 38 | F3\_QC\_CODE3 | C | 3 |  | F | Quality Control's Staff Code (Page 3) |  |
| 3 | 39 | F3\_QC\_DATE3 | N | 8 | mmddyy10. | F | QC Date (Page 3) |  |

| **CRF 04A Enrollment for Cases - Non Medical** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[4]](#footnote-4)** | **Description** | **Codes** |
| 4A | 1 | F4A\_DATE | N | 8 | mmddyy10. | F | Calculated Visit Date |  |
| 4A | 2 | F4A\_VERSION | N | 8 |  | F | Form Version | 2 = version 2 |
| 4A | 3 | F4A\_PRIMCARE | N | 8 |  | F | 1. Child's primary caretaker | 1 = Mother  2 = Father  3 = Sister  4 = Brother  5 = Grandmother  6 = Grandfather  7 = Aunt  8 = Uncle  9 = No relation  10 = Other relation by blood |
| 4A | 4 | F4A\_PRIMCARE\_SPEC | C | 60 |  | F | 1. Other relation, specify |  |
| 4A | 5 | F4A\_RELATIONSHIP | N | 8 |  | F | 2. Your relationship to the child | 1 = Mother  2 = Father  3 = Sister  4 = Brother  5 = Grandmother  6 = Grandfather  7 = Aunt  8 = Uncle  9 = No relation  10 = Other relation by blood |
| 4A | 6 | F4A\_RELATION\_SPEC | C | 60 |  | F | 2. Other relation, specify |  |
| 4A | 7 | F4A\_MOM\_LIVE | N | 8 |  | F | 3. Where does the child's mother live | 1 = Lives in household  2 = Lives outside of household  3 = Abroad  4 = Whereabouts unknown  5 = Died |
| 4A | 8 | F4A\_DAD\_LIVE | N | 8 |  | F | 4. Where does the child's father live | 1 = Lives in household  2 = Lives outside of household  3 = Abroad  4 = Whereabouts unknown  5 = Died |
| 4A | 9 | F4A\_PRIM\_SCHL | N | 8 |  | F | 5. Primary caretaker's max school | 1 = No formal schooling  2 = Less than primary  3 = Completed primary  4 = Completed secondary  5 = Post-secondary  6 = Religious education only  7 = Don't know |
| 4A | 10 | F4A\_PPL\_HOUSE | N | 8 |  | F | 6. People living in house 6 months |  |
| 4A | 11 | F4A\_PPL\_SLEEP | N | 8 |  | F | 7. People sleeping in house 6 months |  |
| 4A | 12 | F4A\_YNG\_CHILDREN | N | 8 |  | F | 8. Children under 60 months in house |  |
| 4A | 13 | F4A\_SLP\_ROOMS | N | 8 |  | F | 9. How many rooms are used for sleeping |  |
| 4A | 14 | F4A\_FLOOR | N | 8 |  | F | 10. Predominant floor | 1 = Earth/Sand  2 = Dung  3 = Wood planks  4 = Palm/Bamboo  5 = Parquet or polished wood  6 = Vinyl or asphalt strips  7 = Ceramic tile  8 = Cement  9 = Carpet  10 = Other |
| 4A | 15 | F4A\_FLOOR\_SPEC | C | 60 |  | F | 10. Other floor, specify |  |
| 4A | 16 | F4A\_HOUSE\_ELEC | N | 8 |  | F | 11. Electricity | 1= yes, 0=blank |
| 4A | 17 | F4A\_HOUSE\_BIKE | N | 8 |  | F | 11. Bicycle/rickshaw | 1= yes, 0=blank |
| 4A | 18 | F4A\_HOUSE\_PHONE | N | 8 |  | F | 11. Telephone | 1= yes, 0=blank |
| 4A | 19 | F4A\_HOUSE\_TELE | N | 8 |  | F | 11. Television | 1= yes, 0=blank |
| 4A | 20 | F4A\_HOUSE\_CAR | N | 8 |  | F | 11. Car/truck | 1= yes, 0=blank |
| 4A | 21 | F4A\_HOUSE\_CART | N | 8 |  | F | 11. Animal-drawn cart | 1= yes, 0=blank |
| 4A | 22 | F4A\_HOUSE\_SCOOT | N | 8 |  | F | 11. Motorcycle/scooter | 1= yes, 0=blank |
| 4A | 23 | F4A\_HOUSE\_FRIDGE | N | 8 |  | F | 11. Refrigerator | 1= yes, 0=blank |
| 4A | 24 | F4A\_HOUSE\_AGLAND | N | 8 |  | F | 11. Agricultural land | 1= yes, 0=blank |
| 4A | 25 | F4A\_HOUSE\_RADIO | N | 8 |  | F | 11. Radio | 1= yes, 0=blank |
| 4A | 26 | F4A\_HOUSE\_BOAT | N | 8 |  | F | 11. Boat with motor | 1= yes, 0=blank |
| 4A | 27 | F4A\_HOUSE\_NONE | N | 8 |  | F | 11. None of the above | 1= yes, 0=blank |
| 4A | 28 | F4A\_FUEL\_ELEC | N | 8 |  | F | 12. Electricity | 1= yes, 0=blank |
| 4A | 29 | F4A\_FUEL\_BIOGAS | N | 8 |  | F | 12. Biogas | 1= yes, 0=blank |
| 4A | 30 | F4A\_FUEL\_GRASS | N | 8 |  | F | 12. Straw/shrubs/grass | 1= yes, 0=blank |
| 4A | 31 | F4A\_FUEL\_PROPANE | N | 8 |  | F | 12. Liquid Propane Gas | 1= yes, 0=blank |
| 4A | 32 | F4A\_FUEL\_COAL | N | 8 |  | F | 12. Coal/lignite | 1= yes, 0=blank |
| 4A | 33 | F4A\_FUEL\_DUNG | N | 8 |  | F | 12. Animal Dung | 1= yes, 0=blank |
| 4A | 34 | F4A\_FUEL\_NATGAS | N | 8 |  | F | 12. Natural Gas | 1= yes, 0=blank |
| 4A | 35 | F4A\_FUEL\_CHARCOAL | N | 8 |  | F | 12. Charcoal | 1= yes, 0=blank |
| 4A | 36 | F4A\_FUEL\_CROP | N | 8 |  | F | 12. Agricultural crop residue | 1= yes, 0=blank |
| 4A | 37 | F4A\_FUEL\_KERO | N | 8 |  | F | 12. Kerosene | 1= yes, 0=blank |
| 4A | 38 | F4A\_FUEL\_WOOD | N | 8 |  | F | 12. Wood | 1= yes, 0=blank |
| 4A | 39 | F4A\_FUEL\_OTHER | N | 8 |  | F | 12. Other fuel | 1= yes, 0=blank |
| 4A | 40 | F4A\_FUEL\_OTHER\_SPEC | C | 60 |  | F | 12. Other fuel, specify |  |
| 4A | 41 | F4A\_ANI\_GOAT | N | 8 |  | F | 13. Goat | 1= yes, 0=blank |
| 4A | 42 | F4A\_ANI\_SHEEP | N | 8 |  | F | 13. Sheep | 1= yes, 0=blank |
| 4A | 43 | F4A\_ANI\_DOG | N | 8 |  | F | 13. Dog | 1= yes, 0=blank |
| 4A | 44 | F4A\_ANI\_CAT | N | 8 |  | F | 13. Cat | 1= yes, 0=blank |
| 4A | 45 | F4A\_ANI\_COW | N | 8 |  | F | 13. Cow | 1= yes, 0=blank |
| 4A | 46 | F4A\_ANI\_RODENTS | N | 8 |  | F | 13. Rodents | 1= yes, 0=blank |
| 4A | 47 | F4A\_ANI\_FOWL | N | 8 |  | F | 13. Fowl | 1= yes, 0=blank |
| 4A | 48 | F4A\_ANI\_OTHER | N | 8 |  | F | 13. Other animal | 1= yes, 0=blank |
| 4A | 49 | F4A\_ANI\_SPEC | C | 60 |  | F | 13. Other animal, specify |  |
| 4A | 50 | F4A\_ANI\_NO | N | 8 |  | F | 13. No Animals | 1= yes, 0=blank |
| 4A | 51 | F4A\_WATER\_HOUSE | N | 8 |  | F | 14. Piped into house | 1= yes, 0=blank |
| 4A | 52 | F4A\_WATER\_COVWELL | N | 8 |  | F | 14. Covered well in house or yard | 1= yes, 0=blank |
| 4A | 53 | F4A\_WATER\_YARD | N | 8 |  | F | 13. Piped into yard | 1= yes, 0=blank |
| 4A | 54 | F4A\_WATER\_COVPWELL | N | 8 |  | F | 14. Covered public well | 1= yes, 0=blank |
| 4A | 55 | F4A\_WATER\_PUBTAP | N | 8 |  | F | 14. Public tap | 1= yes, 0=blank |
| 4A | 56 | F4A\_WATER\_PROSPRING | N | 8 |  | F | 14. Protected spring | 1= yes, 0=blank |
| 4A | 57 | F4A\_WATER\_WELL | N | 8 |  | F | 14. Open well in house or yard | 1= yes, 0=blank |
| 4A | 58 | F4A\_WATER\_UNSPRING | N | 8 |  | F | 14. Unprotected spring | 1= yes, 0=blank |
| 4A | 59 | F4A\_WATER\_PUBWELL | N | 8 |  | F | 14. Open public well | 1= yes, 0=blank |
| 4A | 60 | F4A\_WATER\_RIVER | N | 8 |  | F | 14. River or stream | 1= yes, 0=blank |
| 4A | 61 | F4A\_WATER\_POND | N | 8 |  | F | 14. Pond or lake | 1= yes, 0=blank |
| 4A | 62 | F4A\_WATER\_DAM | N | 8 |  | F | 14. Dam or earth pan | 1= yes, 0=blank |
| 4A | 63 | F4A\_WATER\_DEEPWELL | N | 8 |  | F | 14. Deep tube well | 1= yes, 0=blank |
| 4A | 64 | F4A\_WATER\_RAIN | N | 8 |  | F | 14. Rainwater | 1= yes, 0=blank |
| 4A | 65 | F4A\_WATER\_SHALLWELL | N | 8 |  | F | 14. Shallow tube well | 1= yes, 0=blank |
| 4A | 66 | F4A\_WATER\_BOUGHT | N | 8 |  | F | 14. Bought | 1= yes, 0=blank |
| 4A | 67 | F4A\_WATER\_OTHR | N | 8 |  | F | 14. Other water source | 1= yes, 0=blank |
| 4A | 68 | F4A\_WATER\_BORE | N | 8 |  | F | 14. Bore hole | 1= yes, 0=blank |
| 4A | 69 | F4A\_WATER\_SPEC | C | 60 |  | F | 14. Other water source, specify |  |
| 4A | 70 | F4A\_MS\_WATER | N | 8 |  | F | 15. Main source of water | 1 = Piped into house  2 = Piped into yard  3 = Public tap  4 = Open well in house/yard  5 = Open public well  6 = Pond or lake  7 = Deep tube well  8 = Shallow tube well  9 = Covered well in house or yard  10 = Covered public well  11 = Protected spring  12 = Unprotected spring  13 = River or stream  14 = Dam or earth pan  15 = Rainwater  16 = Bought  17 = Bore hole  18 = Other |
| 4A | 71 | F4A\_MS\_SPEC | C | 60 |  | F | 15. Other main water source, specify |  |
| 4A | 72 | F4A\_TIME\_WATER | N | 8 |  | F | 16. How long does it take to get water | 1 = Less than 15 Minutes  2 = 15 to 29 minutes  3 = 30 to 59 minutes  4 = 1 to 3 hours  5 = More than 3 hours |
| 4A | 73 | F4A\_FETCH\_WATER | N | 8 |  | F | 17. Fetch water everyday | 0=No  1=Yes |
| 4A | 74 | F4A\_TRIP\_DAY | N | 8 |  | F | 17a. Number of water trips daily |  |
| 4A | 75 | F4A\_TRIP\_WEEK | N | 8 |  | F | 17b. Number of water trips weekly |  |
| 4A | 76 | F4A\_WATER\_AVAIL | N | 8 |  | F | 18. How often is water available | 1 = All the time  2 = Several hours every day  3 = A few times per week  4 = Less than a few times per week |
| 4A | 77 | F4A\_STORE\_WATER | N | 8 |  | F | 19. Did you give the child stored water | 0=No  1=Yes |
| 4A | 78 | F4A\_TRT\_WATER | N | 8 |  | F | 20. Do you usually treat drinking water | 0=No  1=Yes |
| 4A | 79 | F4A\_TRT\_METHOD | N | 8 |  | F | 21. Usual treatment method | 1 = Leave water in sun  2 = Filter through a cloth  3 = Chlorine  4 = Boil  5 = Filter through ceramic or other filter  6 = Alum  7 = Other chemical or additive |
| 4A | 80 | F4A\_TRT\_METHOD\_SPEC | C | 60 |  | F | 21. Other chemical, specify |  |
| 4A | 81 | F4A\_CHLORINE | N | 8 |  | F | 21a. Usual type of chlorine | 1 = Certeza  2 = Aquatabs  3 = AquaGuard  4 = WaterGuard  5 = Watermaker  6 = PuR  7 = Unknown  8 = Other |
| 4A | 82 | F4A\_CHLORINE\_SPEC | C | 60 |  | F | 21a. Other chlorine, Specify |  |
| 4A | 83 | F4A\_NOTRT\_WATER | N | 8 |  | F | 22. Child given untreated water | 0=No  1=Yes |
| 4A | 84 | F4A\_DISP\_FECES | N | 8 |  | F | 23. How are child's feces disposed | 1 = Scatter in yard  2 = Bury  3 = Toilet, latrine  4 = Bush/Field/Ground /Stream/ Open sewer  5 = Do nothing  6 = Other |
| 4A | 85 | F4A\_DISP\_SPEC | C | 60 |  | F | 23. Other method, specify |  |
| 4A | 86 | F4A\_FAC\_WASTE | N | 8 |  | F | 24. Facility used to dispose of feces | 1 = Flush toilet  2 = VIP latrine  3 = Traditional pit toilet  4 = VIP latrine with water seal  5 = Pour flush toilet  6 = No facility  7 = Other |
| 4A | 87 | F4A\_FAC\_SPEC | C | 60 |  | F | 24. Other facility, specify |  |
| 4A | 88 | F4A\_SHARE\_FAC | N | 8 |  | F | 25. How many households share facility |  |
| 4A | 89 | F4A\_WASH\_EAT | N | 8 |  | F | 26. Wash hands before eating | 1=yes, 0=blank |
| 4A | 90 | F4A\_WASH\_COOK | N | 8 |  | F | 26. Wash hands before cooking | 1=yes, 0=blank |
| 4A | 91 | F4A\_WASH\_NURSE | N | 8 |  | F | 26. Wash hands before you nurse | 1=yes, 0=blank |
| 4A | 92 | F4A\_WASH\_DEF | N | 8 |  | F | 26. Wash hands after you defecate | 1=yes, 0=blank |
| 4A | 93 | F4A\_WASH\_ANIMAL | N | 8 |  | F | 26. Wash hands after handling animals | 1=yes, 0=blank |
| 4A | 94 | F4A\_WASH\_CHILD | N | 8 |  | F | 26. Wash hands after cleaning a child | 1=yes, 0=blank |
| 4A | 95 | F4A\_WASH\_NEVER | N | 8 |  | F | 26. Never wash hands | 1=yes, 0=blank |
| 4A | 96 | F4A\_WASH\_OTHR | N | 8 |  | F | 26. Wash hands other time | 1=yes, 0=blank |
| 4A | 97 | F4A\_WASH\_SPEC | C | 60 |  | F | 26. Other time, specify |  |
| 4A | 98 | F4A\_WASH\_USE | N | 8 |  | F | 27. What do you use to wash your hands | 1 = Water only  2 = Water and soap  3 = Water and ashes  4 = Water and mud or clay |
| 4A | 99 | F4A\_BREASTFED\_SINCE\_ILL | N | 8 |  | F | 28a. Breastfed since becoming ill | 0 = No  1 = Partial breastfeeding  2 = Exclusive breastfeeding |
| 4A | 100 | F4A\_BREASTFED\_BEFORE\_ILL | N | 8 |  | F | 28b. Breastfed before illness | 0 = No  1 = Partial breastfeeding  2 = Exclusive breastfeeding |
| 4A | 101 | F4A\_DRH\_DAYS | N | 8 |  | F | 29. Days diarrhea has lasted |  |
| 4A | 102 | F4A\_DRH\_ONSET | N | 8 | mmddyy10. | F | 29a. Date of onset |  |
| 4A | 103 | F4A\_DRH\_STOOLS | N | 8 |  | F | 30. Describe stool | 1 = Simple watery  2 = Rice watery stool  3 = Sticky/mucoid  4 = Bloody |
| 4A | 104 | F4A\_MAX\_STOOLS | N | 8 |  | F | 31. Maximum number of loose stools | 1 = <= 6 per day  2 = 7 to 10 times per day  3 = More than 10 times per day |
| 4A | 105 | F4A\_DRH\_BLOOD | N | 8 |  | F | 32a. Blood in stools | 0=no, 1=yes, 9=DK |
| 4A | 106 | F4A\_DRH\_VOMIT | N | 8 |  | F | 32b. Vomiting 3 or more times per day | 0=no, 1=yes, 9=DK |
| 4A | 107 | F4A\_DRH\_THIRST | N | 8 |  | F | 32c. Very thirsty | 0=no, 1=yes, 9=DK |
| 4A | 108 | F4A\_DRH\_LESSDRINK | N | 8 |  | F | 32d. Drank much less than usual | 0=no, 1=yes, 9=DK |
| 4A | 109 | F4A\_DRH\_UNDRINK | N | 8 |  | F | 32e. Unable to drink | 0=no, 1=yes, 9=DK |
| 4A | 110 | F4A\_DRH\_BELLYPAIN | N | 8 |  | F | 32f. Belly pain | 0=no, 1=yes, 9=DK |
| 4A | 111 | F4A\_DRH\_FEVER | N | 8 |  | F | 32g. Fever | 0=no, 1=yes, 9=DK |
| 4A | 112 | F4A\_DRH\_RESTLESS | N | 8 |  | F | 32h. Irritable or restless | 0=no, 1=yes, 9=DK |
| 4A | 113 | F4A\_DRH\_LETHRGY | N | 8 |  | F | 32i. Decreased activity or lethargy | 0=no, 1=yes, 9=DK |
| 4A | 114 | F4A\_DRH\_CONSC | N | 8 |  | F | 32j. Loss of consciousness | 0=no, 1=yes, 9=DK |
| 4A | 115 | F4A\_DRH\_STRAIN | N | 8 |  | F | 32k. Rectal straining | 0=no, 1=yes, 9=DK |
| 4A | 116 | F4A\_DRH\_PROLAPSE | N | 8 |  | F | 32l. Rectal prolapse | 0=no, 1=yes, 9=DK |
| 4A | 117 | F4A\_DRH\_COUGH | N | 8 |  | F | 32m. Cough | 0=no, 1=yes, 9=DK |
| 4A | 118 | F4A\_DRH\_BREATH | N | 8 |  | F | 32n. Difficulty breathing | 0=no, 1=yes, 9=DK |
| 4A | 119 | F4A\_DRH\_CONV | N | 8 |  | F | 32o. Convulsion | 0=no, 1=yes, 9=DK |
| 4A | 120 | F4A\_CUR\_THIRSTY | N | 8 |  | F | 33a. Very thirsty | 0=no, 1=yes, 9=DK |
| 4A | 121 | F4A\_CUR\_NODRINK | N | 8 |  | F | 33b. Drinks poorly | 0=no, 1=yes, 9=DK |
| 4A | 122 | F4A\_CUR\_SUNKEYES | N | 8 |  | F | 33c. Sunken eyes | 0=no, 1=yes, 9=DK |
| 4A | 123 | F4A\_CUR\_SKIN | N | 8 |  | F | 33d. Wrinkled skin | 0=no, 1=yes, 9=DK |
| 4A | 124 | F4A\_CUR\_RESTLESS | N | 8 |  | F | 33e. Irritable or restless | 0=no, 1=yes, 9=DK |
| 4A | 125 | F4A\_CUR\_LETHRGY | N | 8 |  | F | 33f. Lethargy or loss of consciousness | 0=no, 1=yes, 9=DK |
| 4A | 126 | F4A\_CUR\_DRYMOUTH | N | 8 |  | F | 33g. Dry mouth | 0=no, 1=yes, 9=DK |
| 4A | 127 | F4A\_CUR\_FASTBREATH | N | 8 |  | F | 33h. Fast breathing | 0=no, 1=yes, 9=DK |
| 4A | 128 | F4A\_HOMETRT\_ORS | N | 8 |  | F | 34. ORALITE or ORS | 1=yes, 0=blank |
| 4A | 129 | F4A\_HOMETRT\_MAIZE | N | 8 |  | F | 34. Homemade fluid | 1=yes, 0=blank |
| 4A | 130 | F4A\_HOMETRT\_MILK | N | 8 |  | F | 34. Special milk or infant formula | 1=yes, 0=blank |
| 4A | 131 | F4A\_HOMETRT\_HERB | N | 8 |  | F | 34. Home remedy/Herbal medication | 1=yes, 0=blank |
| 4A | 132 | F4A\_HOMETRT\_ZINC | N | 8 |  | F | 34. Zinc | 1=yes, 0=blank |
| 4A | 133 | F4A\_HOMETRT\_NONE | N | 8 |  | F | 34. No special remedies given | 1=yes, 0=blank |
| 4A | 134 | F4A\_HOMETRT\_OTHRLIQ | N | 8 |  | F | 34. Any other liquids | 1=yes, 0=blank |
| 4A | 135 | F4A\_HOMETRTLIQ\_SPEC | C | 60 |  | F | 34. Any other liquids, specify |  |
| 4A | 136 | F4A\_HOMETRT\_AB | N | 8 |  | F | 34. Antibiotics | 1=yes, 0=blank |
| 4A | 137 | F4A\_HOMETRT\_AB\_SPEC | C | 60 |  | F | 34. Antibiotics, specify |  |
| 4A | 138 | F4A\_HOMETRT\_OTHR1 | N | 8 |  | F | 34. Other treatment (1) | 1=yes, 0=blank |
| 4A | 139 | F4A\_HOMETRT\_SPEC1 | C | 60 |  | F | 34. Other treatment (1), specify |  |
| 4A | 140 | F4A\_HOMETRT\_OTHR2 | N | 8 |  | F | 34. Other treatment (2) | 1=yes, 0=blank |
| 4A | 141 | F4A\_HOMETRT\_SPEC2 | C | 60 |  | F | 34. Other treatment (2), specify |  |
| 4A | 142 | F4A\_OFFR\_DRINK | N | 8 |  | F | 35. How much offered to drink | 1 = More than usual  2 = Usual  3 = Somewhat less than usual  4 = Much less than usual  5 = Nothing to drink |
| 4A | 143 | F4A\_OFFR\_EAT | N | 8 |  | F | 36. How much offered to eat | 1 = More than usual  2 = Usual  3 = Somewhat less than usual  4 = Much less than usual  5 = Nothing to eat |
| 4A | 144 | F4A\_SEEK\_OUTSIDE | N | 8 |  | F | 37. Seek outside care | 0=No  1=Yes |
| 4A | 145 | F4A\_SEEK\_PHARM | N | 8 |  | F | 38. Pharmacy | 1=yes, 0=blank |
| 4A | 146 | F4A\_SEEK\_FRIEND | N | 8 |  | F | 38. Friend/Relative | 1=yes, 0=blank |
| 4A | 147 | F4A\_SEEK\_HEALER | N | 8 |  | F | 38. Traditional healer | 1=yes, 0=blank |
| 4A | 148 | F4A\_SEEK\_DOC | N | 8 |  | F | 38. Unlicensed practitioner | 1=yes, 0=blank |
| 4A | 149 | F4A\_SEEK\_PRIVDOC | N | 8 |  | F | 38. Licensed practitioner | 1=yes, 0=blank |
| 4A | 150 | F4A\_SEEK\_REMDY | N | 8 |  | F | 38. Bought a remedy | 1=yes, 0=blank |
| 4A | 151 | F4A\_SEEK\_REMDY\_SPEC | C | 60 |  | F | 38. Specify remedy/drug | 1=yes, 0=blank |
| 4A | 152 | F4A\_SEEK\_CTR1 | N | 8 |  | F | 38. Hospital/Center of first choice | 1=yes, 0=blank |
| 4A | 153 | F4A\_SEEK\_CTR1\_CODE | N | 8 |  | F | 38. First choice facility code |  |
| 4A | 154 | F4A\_SEEK\_CTR1\_SHC | N | 8 |  | C | 38. First choice facility SHC | 1=Sentinel Health Center  0=Nonsentinel Health Center |
| 4A | 155 | F4A\_SEEK\_CTR2 | N | 8 |  | F | 38. Hospital/Center of second choice | 1=yes, 0=blank |
| 4A | 156 | F4A\_SEEK\_CTR2\_CODE | N | 8 |  | F | 38. Second choice facility code |  |
| 4A | 157 | F4A\_SEEK\_CTR2\_SHC | N | 8 |  | C | 38. Second choice facility SHC | 1=Sentinel Health Center  0=Nonsentinel Health Center |
| 4A | 158 | F4A\_SEEK\_CTR3 | N | 8 |  | F | 38. Hospital/Center of third choice | 1=yes, 0=blank |
| 4A | 159 | F4A\_SEEK\_CTR3\_CODE | N | 8 |  | F | 38. Third choice facility code |  |
| 4A | 160 | F4A\_SEEK\_CTR3\_SHC | N | 8 |  | C | 38. Third choice facility SHC | 1=Sentinel Health Center  0=Nonsentinel Health Center |
| 4A | 161 | F4A\_SEEK\_OTHER | N | 8 |  | F | 38. Other Hospital/Center | 1=yes, 0=blank |
| 4A | 162 | F4A\_SEEK\_OTHER\_SPEC | C | 60 |  | F | 38. Other Hospital/Center, specify |  |
| 4A | 163 | F4A\_PHARM\_TOTAL | N | 8 |  | F | 39a. Pharmacy, Total expenses |  |
| 4A | 164 | F4A\_PHARM\_TRNSPRT | N | 8 |  | F | 39a. Pharmacy, Transportation expenses |  |
| 4A | 165 | F4A\_HEAL\_TOTAL | N | 8 |  | F | 39b. Healer, Total expenses |  |
| 4A | 166 | F4A\_HEAL\_TRNSPRT | N | 8 |  | F | 39b. Healer, Transportation expenses |  |
| 4A | 167 | F4A\_DOC\_TOTAL | N | 8 |  | F | 39c. Unlicensed doctor, Total expenses |  |
| 4A | 168 | F4A\_DOC\_TRNSPRT | N | 8 |  | F | 39c. Unlicensed, Transportation expenses |  |
| 4A | 169 | F4A\_PRIVDOC\_TOTAL | N | 8 |  | F | 39d. Licensed doctor, Total expenses |  |
| 4A | 170 | F4A\_PRIVDOC\_TRNSPRT | N | 8 |  | F | 39d. Licensed doctor, Transport expenses |  |
| 4A | 171 | F4A\_REMDY\_TOTAL | N | 8 |  | F | 39e. Bought remedy, Total expenses |  |
| 4A | 172 | F4A\_REMDY\_TRNSPRT | N | 8 |  | F | 39e. Bought remedy, Transport expenses |  |
| 4A | 173 | F4A\_CTR1\_TOTAL | N | 8 |  | F | 39f. First choice, Total expenses |  |
| 4A | 174 | F4A\_CTR1\_TRNSPRT | N | 8 |  | F | 39f. First choice, Transport expenses |  |
| 4A | 175 | F4A\_CTR2\_TOTAL | N | 8 |  | F | 39g. Second choice, Total expenses |  |
| 4A | 176 | F4A\_CTR2\_TRNSPRT | N | 8 |  | F | 39g. Second choice, Transport expenses |  |
| 4A | 177 | F4A\_CTR3\_TOTAL | N | 8 |  | F | 39h. Third choice, Total expenses |  |
| 4A | 178 | F4A\_CTR3\_TRNSPRT | N | 8 |  | F | 39h. Third choice, Transport expenses |  |
| 4A | 179 | F4A\_OTHER\_SPEC | C | 60 |  | F | 39i. Other expense, specify |  |
| 4A | 180 | F4A\_OTHER\_TOTAL | N | 8 |  | F | 39i. Other, Total expenses |  |
| 4A | 181 | F4A\_OTHER\_TRNSPRT | N | 8 |  | F | 39i. Other, Transport expenses |  |
| 4A | 182 | F4A\_MONEY\_MEAL | N | 8 |  | F | 40. From meal | 1=yes, 0=blank |
| 4A | 183 | F4A\_MONEY\_OTHEXP | N | 8 |  | F | 40. Other expenses | 1=yes, 0=blank |
| 4A | 184 | F4A\_MONEY\_SVNGS | N | 8 |  | F | 40. Using savings | 1=yes, 0=blank |
| 4A | 185 | F4A\_MONEY\_BORROW | N | 8 |  | F | 40. Borrowing | 1=yes, 0=blank |
| 4A | 186 | F4A\_MONEY\_ASSET | N | 8 |  | F | 40. Selling assets | 1=yes, 0=blank |
| 4A | 187 | F4A\_MONEY\_DONAT | N | 8 |  | F | 40. Outside donations | 1=yes, 0=blank |
| 4A | 188 | F4A\_MONEY\_RELATIVE | N | 8 |  | F | 40. Paid by relative or friend | 1=yes, 0=blank |
| 4A | 189 | F4A\_MONEY\_OTHR | N | 8 |  | F | 40. Others | 1=yes, 0=blank |
| 4A | 190 | F4A\_MONEY\_SPEC | C | 60 |  | F | 40. Others, Specify |  |
| 4A | 191 | F4A\_TRNSPORT\_TIME | N | 8 |  | F | 41. How long did it take to get here | 1 = Less than 15 minutes  2 = 15 to 29 minutes  3 = 30 to 59 minutes  4 = 1 to 4 hours  5 = More than 4 hours  6 = Don't know |
| 4A | 192 | F4A\_TRNS\_INIT\_PAY | N | 8 |  | F | 42. If you paid, How much did you pay |  |
| 4A | 193 | F4A\_TRNS\_YOU\_PAY | N | 8 |  | F | 43. Other than the first trip, how much |  |
| 4A | 194 | F4A\_TRNS\_OTHER\_PAY | N | 8 |  | F | 44. Other members of your household paid |  |
| 4A | 195 | F4A\_EXPEN\_CONSULT | N | 8 |  | F | 45. Consultation |  |
| 4A | 196 | F4A\_EXPEN\_DRUG | N | 8 |  | F | 45. Drug |  |
| 4A | 197 | F4A\_EXPEN\_DIAG | N | 8 |  | F | 45. Diagnostics |  |
| 4A | 198 | F4A\_EXPEN\_FOOD | N | 8 |  | F | 45. Food |  |
| 4A | 199 | F4A\_EXPEN\_OTHR | N | 8 |  | F | 45. Other expenses |  |
| 4A | 200 | F4A\_EXPEN\_SPEC | C | 60 |  | F | 45. Other expense, specify |  |
| 4A | 201 | F4A\_EXPEN\_TOTAL | N | 8 |  | F | 45. Total expenses |  |
| 4A | 202 | F4A\_SPENT\_MEAL | N | 8 |  | F | 46. From meals | 1=yes, 0=blank |
| 4A | 203 | F4A\_SPENT\_OTHEXP | N | 8 |  | F | 46. From other expenses | 1=yes, 0=blank |
| 4A | 204 | F4A\_SPENT\_SVNGS | N | 8 |  | F | 46. Using savings | 1=yes, 0=blank |
| 4A | 205 | F4A\_SPENT\_BORROW | N | 8 |  | F | 46. Borrowing | 1=yes, 0=blank |
| 4A | 206 | F4A\_SPENT\_ASSET | N | 8 |  | F | 46. Selling assets | 1=yes, 0=blank |
| 4A | 207 | F4A\_SPENT\_DONAT | N | 8 |  | F | 46. Outside donations | 1=yes, 0=blank |
| 4A | 208 | F4A\_SPENT\_RELATIVE | N | 8 |  | F | 46. Paid by relative or friend | 1=yes, 0=blank |
| 4A | 209 | F4A\_SPENT\_OTHR | N | 8 |  | F | 46. Other money source | 1=yes, 0=blank |
| 4A | 210 | F4A\_SPENT\_SPEC | C | 60 |  | F | 46. Other source, Specify |  |
| 4A | 211 | F4A\_LOSE\_EARN | N | 8 |  | F | 47. Did you lose some earnings | 0=no, 1=yes |
| 4A | 212 | F4A\_LOSE\_TOTAL | N | 8 |  | F | 47. Amount of lost earnings |  |
| 4A | 213 | F4A\_OTHRLOSE\_EARN | N | 8 |  | F | 48. Did others lose earnings | 0=no, 1=yes, 9=DK |
| 4A | 214 | F4A\_OTHRLOSE\_TOTAL | N | 8 |  | F | 48. Other caregivers lost earnings |  |
| 4A | 215 | F4A\_DAYSLOST\_CARE | N | 8 |  | F | 49. Days lost for seeking care |  |
| 4A | 216 | F4A\_DAYSLOST\_OTHRCRE | N | 8 |  | F | 50. Days lost other caregiver seek care |  |
| 4A | 217 | F4A\_SPECIMEN\_ID | N | 8 |  | F | 51. Specimen ID |  |
| 4A | 218 | F4A\_INT\_CODE | C | 8 |  | F | Interviewer's staff code |  |
| 4A | 219 | F4A\_QC\_CODE | C | 8 |  | F | Quality control's staff code |  |
| 4A | 220 | F4A\_QC\_DATE | N | 8 | mmddyy10. | F | Calculated QC date |  |

| **CRF 04B Enrollment for Cases - Medical** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[5]](#footnote-5)** | **Description** | **Codes** |
| 4B | 1 | F4B\_DATE | N | 8 | mmddyy10. | F | Calculated Visit Date |  |
| 4B | 2 | F4B\_VERSION | N | 8 |  | F | Version | 2 = Version 2  3 = Version 3  4 = Version 4 |
| 4B | 3 | F4B\_WT\_CHILD | N | 8 |  | F | 1a. Weight 0-23 months Caretaker + Child |  |
| 4B | 4 | F4B\_WT\_CARE | N | 8 |  | F | 1a. Weight 0-23 months Caretaker alone |  |
| 4B | 5 | F4B\_WT | N | 8 |  | F | 1a. Weight 24-59 months Child alone |  |
| 4B | 6 | F4B\_WEIGHT | N | 8 |  | C | Calculated weight |  |
| 4B | 7 | F4B\_WAZ | N | 8 |  | C | Weight-for-age z-score |  |
| 4B | 8 | F4B\_WAZ\_F | N | 8 |  | C | Flag for \_ZWEI<-6 or \_ZWEI>5 |  |
| 4B | 9 | F4B\_HT1 | N | 8 |  | F | 1b. Height 1st |  |
| 4B | 10 | F4B\_HT2 | N | 8 |  | F | 1b. Height 2nd |  |
| 4B | 11 | F4B\_HT3 | N | 8 |  | F | 1b. Height 3rd |  |
| 4B | 12 | F4B\_HEIGHT | N | 8 |  | C | Calculated mean height |  |
| 4B | 13 | F4B\_HEIGHT\_MEDIAN | N | 8 |  | C | Calculated median height |  |
| 4B | 14 | F4B\_HAZ | N | 8 |  | C | Length/height-for-age z-score |  |
| 4B | 15 | F4B\_HAZ\_F | N | 8 |  | C | Flag for \_ZLEN<-6 or \_ZLEN>6 |  |
| 4B | 16 | F4B\_WHZ | N | 8 |  | C | Weight-for-length/height z-score |  |
| 4B | 17 | F4B\_WHZ\_F | N | 8 |  | C | Flag for \_ZWFL<-5 or \_ZWFL>5 |  |
| 4B | 18 | F4B\_MED\_HAZ | N | 8 |  | C | Length/height-for-age z-score (median ht) |  |
| 4B | 19 | F4B\_MED\_HAZ\_F | N | 8 |  | C | Flag for \_ZLEN<-6 or \_ZLEN>6 (median ht) |  |
| 4B | 20 | F4B\_MED\_WHZ | N | 8 |  | C | Weight-for-length/height z-score (median ht) |  |
| 4B | 21 | F4B\_MED\_WHZ\_F | N | 8 |  | C | Flag for \_ZWFL<-5 or \_ZWFL>5 (median ht) |  |
| 4B | 22 | F4B\_MUAC1 | N | 8 |  | F | 1c. MUAC 1st |  |
| 4B | 23 | F4B\_MUAC2 | N | 8 |  | F | 1c. MUAC 2nd |  |
| 4B | 24 | F4B\_MUAC3 | N | 8 |  | F | 1c. MUAC 3rd |  |
| 4B | 25 | F4B\_MUAC | N | 8 |  | C | Calculated mean MUAC |  |
| 4B | 26 | F4B\_MUAC\_MEDIAN | N | 8 |  | C | Calculated median MUAC |  |
| 4B | 27 | F4B\_MUAC\_AGEZ | N | 8 |  | C | Arm circumference-for-age z score |  |
| 4B | 28 | F4B\_MUAC\_AGEZ\_F | N | 8 |  | C | Flag for \_ZAC<-5 or \_ZAC>5 |  |
| 4B | 29 | F4B\_MED\_MUAC\_AGEZ | N | 8 |  | C | Arm circumference-for-age z score (median ac) |  |
| 4B | 30 | F4B\_MED\_MUAC\_AGEZ\_F | N | 8 |  | C | Flag for \_ZAC<-5 or \_ZAC>5 (median ac) |  |
| 4B | 31 | F4B\_BMI | N | 8 |  | C | Calculated BMI=weight / squared(\_CLENHEI) |  |
| 4B | 32 | F4B\_BMIZ | N | 8 |  | C | BMI-for-age z-score |  |
| 4B | 33 | F4B\_BMIZ\_F | N | 8 |  | C | Flag for \_ZBMI<-5 or \_ZBMI>5 |  |
| 4B | 34 | F4B\_MED\_BMI | N | 8 |  | C | Calculated BMI=weight / squared(\_CLENHEI) (median ht) |  |
| 4B | 35 | F4B\_MED\_BMIZ | N | 8 |  | C | BMI-for-age z-score (median ht) |  |
| 4B | 36 | F4B\_MED\_BMIZ\_F | N | 8 |  | C | Flag for \_ZBMI<-5 or \_ZBMI>5 (median ht) |  |
| 4B | 37 | F4B\_TEMP | N | 8 |  | F | 1d. Axillary temperature |  |
| 4B | 38 | F4B\_RESP1 | N | 8 |  | F | 1e. Respiratory rate per minute 1st |  |
| 4B | 39 | F4B\_RESP2 | N | 8 |  | F | 1e. Respiratory rate per minute 2nd |  |
| 4B | 40 | F4B\_RESP | N | 8 |  | C | Calculated resp rate |  |
| 4B | 41 | F4B\_CHEST\_INDRW | N | 8 |  | F | 1f. Chest indrawing | 0 = No  1 = Yes |
| 4B | 42 | F4B\_EYES | N | 8 |  | F | 1g. Eyes | 0 = Normal  1 = Sunken |
| 4B | 43 | F4B\_MOUTH | N | 8 |  | F | 1h. Mouth | 0 = Normal  1 = Somewhat dry  2 = Very dry |
| 4B | 44 | F4B\_SKIN | N | 8 |  | F | 1i. Skin pinch | 0 = Normal  1 = Slow return  2 = Very slow |
| 4B | 45 | F4B\_MENTAL | N | 8 |  | F | 1j. Mental status | 0 = Normal  1 = Restless, irritable  2 = Lethargic/unconscious |
| 4B | 46 | F4B\_RECTAL | N | 8 |  | F | 1k. Rectal prolapse | 0=Absent, 1=Present |
| 4B | 47 | F4B\_BIPEDAL | N | 8 |  | F | 1l. Bipedal edema | 0=Absent, 1=Present |
| 4B | 48 | F4B\_ABN\_HAIR | N | 8 |  | F | 1m. Abnormal hair | 0=Absent, 1=Present |
| 4B | 49 | F4B\_UNDER\_NUTR | N | 8 |  | F | 1n. Undernutrition | 0=Absent, 1=Present |
| 4B | 50 | F4B\_SKIN\_FLAKY | N | 8 |  | F | 1o. Skin has 'flaky paint' appearance | 0=Absent, 1=Present |
| 4B | 51 | F4B\_OBSERVE\_STOOL | N | 8 |  | F | 2. Staff observe a stool sample | 0 = No  1 = Yes |
| 4B | 52 | F4B\_NATURE\_STOOL | N | 8 |  | F | 3. What was the nature of the stool | 1 = Loose/liquid stool without blood  2 = Loose/liquid stool with blood  0 = Normal stool |
| 4B | 53 | F4B\_CHILD\_REHYD | N | 8 |  | F | 4. Does the child require rehydration | 0 = No  1 = Yes, oral rehydration  2 = Yes, IV rehydration |
| 4B | 54 | F4B\_RECOMMEND | N | 8 |  | F | 5. Receive rehydration here | 1 = Yes  2 = No, referred to another center  3 = No, parents refused  4 = Prescribed ORS for administration at home |
| 4B | 55 | F4B\_REHYD\_START\_DATE | N | 8 | mmddyy10. | F | 6a. Start date of initial rehydration |  |
| 4B | 56 | F4B\_REHYD\_START\_TIME | N | 8 |  | F | 6b. Start time of initial rehydration |  |
| 4B | 57 | F4B\_REHYD\_STOP\_DATE | N | 8 | mmddyy10. | F | 6c. Stop date of initial rehydration |  |
| 4B | 58 | F4B\_REHYD\_STOP\_TIME | N | 8 |  | F | 6d. Stop time of initial rehydration |  |
| 4B | 59 | F4B\_CHILD\_EVAL | N | 8 |  | F | 7. Was the child evaluated after 4 hours | 0 = No  1 = Yes |
| 4B | 60 | F4B\_CHILD\_EVAL\_SPEC | C | 60 |  | F | 7a. Reason not evaluated |  |
| 4B | 61 | F4B\_CHILD\_COMP\_REHYD | N | 8 |  | F | 7b. Was the child completely rehydrated | 0 = No  1 = Yes |
| 4B | 62 | F4B\_FIND\_WT\_CHILD | N | 8 |  | F | 8a. Weigh 4 hrs after caretaker + child |  |
| 4B | 63 | F4B\_FIND\_WT\_CARE | N | 8 |  | F | 8a. Weight after 4 hrs caretaker alone |  |
| 4B | 64 | F4B\_FIND\_WT | N | 8 |  | F | 8a. Weight 4 hrs after child alone |  |
| 4B | 65 | F4B\_FIND\_WEIGHT | N | 8 |  | C | Calculated mean Weight 4 hrs after |  |
| 4B | 66 | F4B\_FIND\_WAZ | N | 8 |  | C | Weight-for-age z-score |  |
| 4B | 67 | F4B\_FIND\_WAZ\_F | N | 8 |  | C | Flag for \_ZWEI<-6 or \_ZWEI>5 |  |
| 4B | 68 | F4B\_FIND\_WHZ | N | 8 |  | C | Weight-for-length/height z-score |  |
| 4B | 69 | F4B\_FIND\_WHZ\_F | N | 8 |  | C | Flag for \_ZWFL<-5 or \_ZWFL>5 |  |
| 4B | 70 | F4B\_FIND\_MED\_WHZ | N | 8 |  | C | Weight-for-length/height z-score (median ht) |  |
| 4B | 71 | F4B\_FIND\_MED\_WHZ\_F | N | 8 |  | C | Flag for \_ZWFL<-5 or \_ZWFL>5 (median ht) |  |
| 4B | 72 | F4B\_FIND\_MUAC\_1 | N | 8 |  | F | 8b. MUAC 1st |  |
| 4B | 73 | F4B\_FIND\_MUAC\_2 | N | 8 |  | F | 8b. MUAC 2nd |  |
| 4B | 74 | F4B\_FIND\_MUAC\_3 | N | 8 |  | F | 8b. MUAC 3rd |  |
| 4B | 75 | F4B\_FIND\_MUAC | N | 8 |  | C | Calculated mean MUAC |  |
| 4B | 76 | F4B\_FIND\_MUAC\_MEDIAN | N | 8 |  | C | Calculated median MUAC |  |
| 4B | 77 | F4B\_FIND\_MUAC\_AGEZ | N | 8 |  | C | Arm circumference-for-age z score |  |
| 4B | 78 | F4B\_FIND\_MUAC\_AGEZ\_F | N | 8 |  | C | Flag for \_ZAC<-5 or \_ZAC>5 |  |
| 4B | 79 | F4B\_FIND\_MED\_MUAC\_AGEZ | N | 8 |  | C | Arm circumference-for-age z score (median ac) |  |
| 4B | 80 | F4B\_FIND\_MED\_MUAC\_AGEZ\_F | N | 8 |  | C | Flag for \_ZAC<-5 or \_ZAC>5 (median ac) |  |
| 4B | 81 | F4B\_FIND\_BMI | N | 8 |  | C | Calculated BMI=weight / squared(\_CLENHEI) |  |
| 4B | 82 | F4B\_FIND\_BMIZ | N | 8 |  | C | BMI-for-age z-score |  |
| 4B | 83 | F4B\_FIND\_BMIZ\_F | N | 8 |  | C | Flag for \_ZBMI<-5 or \_ZBMI>5 |  |
| 4B | 84 | F4B\_FIND\_MED\_BMI | N | 8 |  | C | Calculated BMI=weight / squared(\_CLENHEI) (median ht) |  |
| 4B | 85 | F4B\_FIND\_MED\_BMIZ | N | 8 |  | C | BMI-for-age z-score (median ht) |  |
| 4B | 86 | F4B\_FIND\_MED\_BMIZ\_F | N | 8 |  | C | Flag for \_ZBMI<-5 or \_ZBMI>5 (median ht) |  |
| 4B | 87 | F4B\_FIND\_MOUTH | N | 8 |  | F | 8c. Mouth | 0 = Normal  1 = Somewhat dry  2 = Very dry |
| 4B | 88 | F4B\_SKIN\_PINCH | N | 8 |  | F | 8d. Skin pinch | 0 = Normal  1 = Slow return  2 = Very slow |
| 4B | 89 | F4B\_CHILD\_PURGE | N | 8 |  | F | 9. Child continues to purge watery stool | 0 = No  1 = Yes |
| 4B | 90 | F4B\_CHILD\_OUTPUT | N | 8 |  | F | 10. Was total stool output measured | 0 = No  1 = Yes |
| 4B | 91 | F4B\_VOLUME | N | 8 |  | F | 10a. What was the volume |  |
| 4B | 92 | F4B\_CHILD\_IV | N | 8 |  | F | 11. Require additional rehydration | 0 = No  1 = Yes |
| 4B | 93 | F4B\_REHYD\_HOSP | N | 8 |  | F | 11a. Completely rehydrated in hospital? | 0 = No  1 = Yes |
| 4B | 94 | F4B\_REHYD\_DATE | N | 8 | mmddyy10. | F | 11b. Calculated date of rehydration |  |
| 4B | 95 | F4B\_REHYD\_TIME | C | 8 |  | F | 11c. Time of rehydration |  |
| 4B | 96 | F4B\_REHYD\_WT\_CHILD | N | 8 |  | F | 11d. Weight >4 hrs after caretaker + child |  |
| 4B | 97 | F4B\_REHYD\_WT\_CARE | N | 8 |  | F | 11d. Weight >4 hrs after caretaker alone |  |
| 4B | 98 | F4B\_REHYD\_WT | N | 8 |  | F | 11d. Weight >4 hrs after child alone |  |
| 4B | 99 | F4B\_REHYD\_WEIGHT | N | 8 |  | C | Calculated weight >4 hrs after |  |
| 4B | 100 | F4B\_REHYD\_WAZ | N | 8 |  | C | Weight-for-age z-score |  |
| 4B | 101 | F4B\_REHYD\_WAZ\_F | N | 8 |  | C | Flag for \_ZWEI<-6 or \_ZWEI>5 |  |
| 4B | 102 | F4B\_REHYD\_WHZ | N | 8 |  | C | Weight-for-length/height z-score |  |
| 4B | 103 | F4B\_REHYD\_WHZ\_F | N | 8 |  | C | Flag for \_ZWFL<-5 or \_ZWFL>5 |  |
| 4B | 104 | F4B\_REHYD\_MED\_WHZ | N | 8 |  | C | Weight-for-length/height z-score (median ht) |  |
| 4B | 105 | F4B\_REHYD\_MED\_WHZ\_F | N | 8 |  | C | Flag for \_ZWFL<-5 or \_ZWFL>5 (median ht) |  |
| 4B | 106 | F4B\_REHYD\_MUAC\_1 | N | 8 |  | F | 11e. MUAC 1st |  |
| 4B | 107 | F4B\_REHYD\_MUAC\_2 | N | 8 |  | F | 11e. MUAC 2nd |  |
| 4B | 108 | F4B\_REHYD\_MUAC\_3 | N | 8 |  | F | 11e. MUAC 3rd |  |
| 4B | 109 | F4B\_REHYD\_MUAC | N | 8 |  | C | Calculated mean MUAC |  |
| 4B | 110 | F4B\_REHYD\_MUAC\_MEDIAN | N | 8 |  | C | Calculated median MUAC |  |
| 4B | 111 | F4B\_REHYD\_MUAC\_AGEZ | N | 8 |  | C | Arm circumference-for-age z score |  |
| 4B | 112 | F4B\_REHYD\_MUAC\_AGEZ\_F | N | 8 |  | C | Flag for \_ZAC<-5 or \_ZAC>5 |  |
| 4B | 113 | F4B\_REHYD\_MED\_MUAC\_AGEZ | N | 8 |  | C | Arm circumference-for-age z score (median ac) |  |
| 4B | 114 | F4B\_REHYD\_MED\_MUAC\_AGEZ\_F | N | 8 |  | C | Flag for \_ZAC<-5 or \_ZAC>5 (median ac) |  |
| 4B | 115 | F4B\_REHYD\_BMI | N | 8 |  | C | Calculated BMI=weight / squared(\_CLENHEI) |  |
| 4B | 116 | F4B\_REHYD\_BMIZ | N | 8 |  | C | BMI-for-age z-score |  |
| 4B | 117 | F4B\_REHYD\_BMIZ\_F | N | 8 |  | C | Flag for \_ZBMI<-5 or \_ZBMI>5 |  |
| 4B | 118 | F4B\_REHYD\_MED\_BMI | N | 8 |  | C | Calculated BMI=weight / squared(\_CLENHEI) (median ht) |  |
| 4B | 119 | F4B\_REHYD\_MED\_BMIZ | N | 8 |  | C | BMI-for-age z-score (median ht) |  |
| 4B | 120 | F4B\_REHYD\_MED\_BMIZ\_F | N | 8 |  | C | Flag for \_ZBMI<-5 or \_ZBMI>5 (median ht) |  |
| 4B | 121 | F4B\_DISCHARGE\_DATE | N | 8 | mmddyy10. | F | 12. Date of discharge |  |
| 4B | 122 | F4B\_DISCHARGE\_TIME | N | 8 |  | F | 12. Time of discharge |  |
| 4B | 123 | F4B\_OUT\_WT\_CHILD | N | 8 |  | F | 13a. Weight outcome caretaker + child |  |
| 4B | 124 | F4B\_OUT\_WT\_CARE | N | 8 |  | F | 13a. Weight outcome caretaker alone |  |
| 4B | 125 | F4B\_OUT\_WT | N | 8 |  | F | 13a. Weight outcome child alone |  |
| 4B | 126 | F4B\_OUT\_WT\_NA | N | 8 |  | F | 13a. Weight outcome NA | 0 = blank  1 = Yes  V3, V4 only, question not on V2 |
| 4B | 127 | F4B\_OUT\_WEIGHT | N | 8 |  | C | Calculated weight outcome |  |
| 4B | 128 | F4B\_OUT\_WAZ | N | 8 |  | C | Weight-for-age z-score |  |
| 4B | 129 | F4B\_OUT\_WAZ\_F | N | 8 |  | C | Flag for \_ZWEI<-6 or \_ZWEI>5 |  |
| 4B | 130 | F4B\_OUT\_WHZ | N | 8 |  | C | Weight-for-length/height z-score |  |
| 4B | 131 | F4B\_OUT\_WHZ\_F | N | 8 |  | C | Flag for \_ZWFL<-5 or \_ZWFL>5 |  |
| 4B | 132 | F4B\_OUT\_MED\_WHZ | N | 8 |  | C | Weight-for-length/height z-score (median ht) |  |
| 4B | 133 | F4B\_OUT\_MED\_WHZ\_F | N | 8 |  | C | Flag for \_ZWFL<-5 or \_ZWFL>5 (median ht) |  |
| 4B | 134 | F4B\_OUT\_MUAC\_1 | N | 8 |  | F | 13b. MUAC 1st |  |
| 4B | 135 | F4B\_OUT\_MUAC\_2 | N | 8 |  | F | 13b. MUAC 2nd |  |
| 4B | 136 | F4B\_OUT\_MUAC\_3 | N | 8 |  | F | 13b. MUAC 3rd |  |
| 4B | 137 | F4B\_OUT\_MUAC\_NA | N | 8 |  | F | 13b. MUAC NA | 0 = blank  1 = Yes  V3, V4 only, question not on V2 |
| 4B | 138 | F4B\_OUT\_MUAC | N | 8 |  | C | Calculated mean MUAC |  |
| 4B | 139 | F4B\_OUT\_MUAC\_MEDIAN | N | 8 |  | C | Calculated median MUAC |  |
| 4B | 140 | F4B\_OUT\_MUAC\_AGEZ | N | 8 |  | C | Arm circumference-for-age z score |  |
| 4B | 141 | F4B\_OUT\_MUAC\_AGEZ\_F | N | 8 |  | C | Flag for \_ZAC<-5 or \_ZAC>5 |  |
| 4B | 142 | F4B\_OUT\_MED\_MUAC\_AGEZ | N | 8 |  | C | Arm circumference-for-age z score (median ac) |  |
| 4B | 143 | F4B\_OUT\_MED\_MUAC\_AGEZ\_F | N | 8 |  | C | Flag for \_ZAC<-5 or \_ZAC>5 (median ac) |  |
| 4B | 144 | F4B\_OUT\_BMI | N | 8 |  | C | Calculated BMI=weight / squared(\_CLENHEI) |  |
| 4B | 145 | F4B\_OUT\_BMIZ | N | 8 |  | C | BMI-for-age z-score |  |
| 4B | 146 | F4B\_OUT\_BMIZ\_F | N | 8 |  | C | Flag for \_ZBMI<-5 or \_ZBMI>5 |  |
| 4B | 147 | F4B\_OUT\_MED\_BMI | N | 8 |  | C | Calculated BMI=weight / squared(\_CLENHEI) (median ht) |  |
| 4B | 148 | F4B\_OUT\_MED\_BMIZ | N | 8 |  | C | BMI-for-age z-score (median ht) |  |
| 4B | 149 | F4B\_OUT\_MED\_BMIZ\_F | N | 8 |  | C | Flag for \_ZBMI<-5 or \_ZBMI>5 (median ht) |  |
| 4B | 150 | F4B\_ADMIT | N | 8 |  | F | 14. Child was admitted to hospital | 0 = No  1 = Yes |
| 4B | 151 | F4B\_OUTCOME\_DAYS | N | 8 |  | F | 15. Number of days admitted |  |
| 4B | 152 | F4B\_HOSP | N | 8 |  | F | 15a. Child is still in the hospital | 0 = No  1 = Yes |
| 4B | 153 | F4B\_OUTCOME\_DRH | N | 8 |  | F | 16. Diarrhea | 1=yes, 0=blank |
| 4B | 154 | F4B\_OUTCOME\_DYS | N | 8 |  | F | 16. Dysentery | 1=yes, 0=blank |
| 4B | 155 | F4B\_OUTCOME\_PNEU | N | 8 |  | F | 16. Pneumonia/Lower resp. infection | 1=yes, 0=blank |
| 4B | 156 | F4B\_OUTCOME\_MNGTS | N | 8 |  | F | 16. Meningitis | 1=yes, 0=blank |
| 4B | 157 | F4B\_OUTCOME\_BACT | N | 8 |  | F | 16. Other invasive bacterial infection | 1=yes, 0=blank |
| 4B | 158 | F4B\_OUTCOME\_MALA | N | 8 |  | F | 16. Malaria | 1=yes, 0=blank |
| 4B | 159 | F4B\_OUTCOME\_MLNT | N | 8 |  | F | 16. Malnutrition | 1=yes, 0=blank |
| 4B | 160 | F4B\_OUTCOME\_TYPHOID | N | 8 |  | F | 16. Typhoid | 1=yes, 0=blank |
| 4B | 161 | F4B\_OUTCOME\_OTHR | N | 8 |  | F | 16. Other diagnosis | 1=yes, 0=blank |
| 4B | 162 | F4B\_OUTCOME\_SPEC | C | 60 |  | F | 16. Other diagnosis, Specify |  |
| 4B | 163 | F4B\_TRT\_PRES\_ORS | N | 8 |  | F | 17. ORS prescribed | 1=yes, 0=blank |
| 4B | 164 | F4B\_TRT\_GIVE\_ORS | N | 8 |  | F | 17. ORS given | 1=yes, 0=blank |
| 4B | 165 | F4B\_TRT\_PRES\_IV | N | 8 |  | F | 17. IV prescribed | 1=yes, 0=blank |
| 4B | 166 | F4B\_TRT\_GIVE\_IV | N | 8 |  | F | 17. IV given | 1=yes, 0=blank |
| 4B | 167 | F4B\_TRT\_PRES\_CXL | N | 8 |  | F | 17. Cotrimoxazole prescribed | 1=yes, 0=blank |
| 4B | 168 | F4B\_TRT\_GIVE\_CXL | N | 8 |  | F | 17. Cotrimoxazole given | 1=yes, 0=blank |
| 4B | 169 | F4B\_TRT\_PRES\_FOOD | N | 8 |  | F | 17. Normal food withheld prescribed | 1=yes, 0=blank |
| 4B | 170 | F4B\_TRT\_GIVE\_FOOD | N | 8 |  | F | 17. Normal food withheld given | 1=yes, 0=blank |
| 4B | 171 | F4B\_TRT\_PRES\_GENT | N | 8 |  | F | 17. Gentamycin prescribed | 1=yes, 0=blank |
| 4B | 172 | F4B\_TRT\_GIVE\_GENT | N | 8 |  | F | 17. Gentamycin given | 1=yes, 0=blank |
| 4B | 173 | F4B\_TRT\_PRES\_CHLOR | N | 8 |  | F | 17. Chloramphenicol prescribed | 1=yes, 0=blank |
| 4B | 174 | F4B\_TRT\_GIVE\_CHLOR | N | 8 |  | F | 17. Chloramphenicol given | 1=yes, 0=blank |
| 4B | 175 | F4B\_TRT\_PRES\_ERY | N | 8 |  | F | 17. Erythromycin prescribed | 1=yes, 0=blank |
| 4B | 176 | F4B\_TRT\_GIVE\_ERY | N | 8 |  | F | 17. Erythromycin given | 1=yes, 0=blank |
| 4B | 177 | F4B\_TRT\_PRES\_AZI | N | 8 |  | F | 17. Azithromycin prescribed | 1=yes, 0=blank |
| 4B | 178 | F4B\_TRT\_GIVE\_AZI | N | 8 |  | F | 17. Azithromycin given | 1=yes, 0=blank |
| 4B | 179 | F4B\_TRT\_PRES\_MACR | N | 8 |  | F | 17. Other macrolides prescribed | 1=yes, 0=blank |
| 4B | 180 | F4B\_TRT\_GIVE\_MACR | N | 8 |  | F | 17. Other macrolides given | 1=yes, 0=blank |
| 4B | 181 | F4B\_TRT\_PRES\_PEN | N | 8 |  | F | 17. Penicillin prescribed | 1=yes, 0=blank |
| 4B | 182 | F4B\_TRT\_GIVE\_PEN | N | 8 |  | F | 17. Penicillin given | 1=yes, 0=blank |
| 4B | 183 | F4B\_TRT\_PRES\_AMOX | N | 8 |  | F | 17. Amoxycillin prescribed | 1=yes, 0=blank |
| 4B | 184 | F4B\_TRT\_GIVE\_AMOX | N | 8 |  | F | 17. Amoxycillin given | 1=yes, 0=blank |
| 4B | 185 | F4B\_TRT\_PRES\_AMPI | N | 8 |  | F | 17. Ampicillin prescribed | 1=yes, 0=blank |
| 4B | 186 | F4B\_TRT\_GIVE\_AMPI | N | 8 |  | F | 17. Ampicillin given | 1=yes, 0=blank |
| 4B | 187 | F4B\_TRT\_PRES\_NALID | N | 8 |  | F | 17. Nalidixic acid prescribed | 1=yes, 0=blank |
| 4B | 188 | F4B\_TRT\_GIVE\_NALID | N | 8 |  | F | 17. Nalidixic acid given | 1=yes, 0=blank |
| 4B | 189 | F4B\_TRT\_PRES\_CPNR | N | 8 |  | F | 17. Ciprofloxacin prescribed | 1=yes, 0=blank |
| 4B | 190 | F4B\_TRT\_GIVE\_CPNR | N | 8 |  | F | 17. Ciprofloxacin given | 1=yes, 0=blank |
| 4B | 191 | F4B\_TRT\_PRES\_SLPY | N | 8 |  | F | 17. Selexid prescribed | 1=yes, 0=blank |
| 4B | 192 | F4B\_TRT\_GIVE\_SLPY | N | 8 |  | F | 17. Selexid given | 1=yes, 0=blank |
| 4B | 193 | F4B\_TRT\_PRES\_OTHR | N | 8 |  | F | 17. Other antibiotic prescribed | 1=yes, 0=blank |
| 4B | 194 | F4B\_TRT\_GIVE\_OTHR | N | 8 |  | F | 17. Other antibiotic given | 1=yes, 0=blank |
| 4B | 195 | F4B\_TRT\_SPEC | C | 60 |  | F | 17. Other antibiotic, specify |  |
| 4B | 196 | F4B\_TRT\_PRES\_ZINC | N | 8 |  | F | 17. Zinc prescribed | 1=yes, 0=blank |
| 4B | 197 | F4B\_TRT\_GIVE\_ZINC | N | 8 |  | F | 17. Zinc given | 1=yes, 0=blank |
| 4B | 198 | F4B\_TRT\_PRES\_HOME | N | 8 |  | F | 17. A homemade fluid prescribed | 1=yes, 0=blank |
| 4B | 199 | F4B\_TRT\_GIVE\_HOME | N | 8 |  | F | 17. A homemade fluid given | 1=yes, 0=blank |
| 4B | 200 | F4B\_TRT\_PRES\_ANTI | N | 8 |  | F | 17. An antimalarial drug prescribed | 1=yes, 0=blank |
| 4B | 201 | F4B\_TRT\_GIVE\_ANTI | N | 8 |  | F | 17. An antimalarial drug given | 1=yes, 0=blank |
| 4B | 202 | F4B\_TRT\_PRES\_OTHR1 | N | 8 |  | F | 17. Another medicine 1 was prescribed | 1=yes, 0=blank |
| 4B | 203 | F4B\_TRT\_GIVE\_OTHR1 | N | 8 |  | F | 17. Another medicine 1 was given | 1=yes, 0=blank |
| 4B | 204 | F4B\_TRT\_SPEC1 | C | 60 |  | F | 17. Another medicine 1, specify |  |
| 4B | 205 | F4B\_TRT\_PRES\_OTHR2 | N | 8 |  | F | 17. Another medicine 2 was prescribed | 1=yes, 0=blank |
| 4B | 206 | F4B\_TRT\_GIVE\_OTHR2 | N | 8 |  | F | 17. Another medicine 2 was given | 1=yes, 0=blank |
| 4B | 207 | F4B\_TRT\_SPEC2 | C | 60 |  | F | 17. Another medicine 2, specify |  |
| 4B | 208 | F4B\_TRT\_PRES\_OTHR3 | N | 8 |  | F | 17. Another medicine 3 was prescribed | 1=yes, 0=blank |
| 4B | 209 | F4B\_TRT\_GIVE\_OTHR3 | N | 8 |  | F | 17. Another medicine 3 was given | 1=yes, 0=blank |
| 4B | 210 | F4B\_TRT\_SPEC3 | C | 60 |  | F | 17. Another medicine 3, specify |  |
| 4B | 211 | F4B\_TRT\_NONE | N | 8 |  | F | 17. None prescribed or taken | 1=yes, 0=blank |
| 4B | 212 | F4B\_OUTCOME | N | 8 |  | F | 18. Outcome when leaving hospital | 1 = Resolved or healthy  2 = Improved  3 = No better  4 = Worse  5 = Died in hospital/health center  6 = Unknown/lost to follow up |
| 4B | 213 | F4B\_DATE\_DEATH | N | 8 | mmddyy10. | F | 18a. Calculated date of death |  |
| 4B | 214 | F4B\_INT\_CODE | C | 8 |  | F | Interviewer's staff code |  |
| 4B | 215 | F4B\_QC\_CODE | C | 8 |  | F | Quality control's staff code |  |
| 4B | 216 | F4B\_QC\_DATE | N | 8 | mmddyy10. | F | Calculated QC Date |  |
| 4B | 217 | F4B\_Last\_weight | N | 8 |  | C | Calculated Last weight on form |  |
| 4B | 218 | F4B\_Last\_WAZ | N | 8 |  | C | Last weight-for-age z-score |  |
| 4B | 219 | F4B\_Last\_WAZ\_F | N | 8 |  | C | Last Flag for \_ZLEN<-6 or \_ZLEN>6 |  |
| 4B | 220 | F4B\_Last\_WHZ | N | 8 |  | C | Last weight-length/height z-score |  |
| 4B | 221 | F4B\_Last\_WHZ\_F | N | 8 |  | C | Last Flag for \_ZWFL<-5 or \_ZWFL>5 |  |
| 4B | 222 | F4B\_Last\_MED\_WHZ | N | 8 |  | C | Last weight-median length/height z-score |  |
| 4B | 223 | F4B\_Last\_MED\_WHZ\_F | N | 8 |  | C | Last Flag for \_ZWFL<-5 or \_ZWFL>5 (median height) |  |
| 4B | 224 | F4B\_Last\_MUAC | N | 8 |  | C | Last Calculated mean MUAC |  |
| 4B | 225 | F4B\_Last\_MUAC\_MEDIAN | N | 8 |  | C | Last Calculated median MUAC |  |
| 4B | 226 | F4B\_Last\_MUAC\_AGEZ | N | 8 |  | C | Last Arm circumference-for-age z score |  |
| 4B | 227 | F4B\_Last\_MUAC\_AGEZ\_F | N | 8 |  | C | Last Flag for \_ZAC<-5 or \_ZAC>5 |  |
| 4B | 228 | F4B\_Last\_MED\_MUAC\_AGEZ | N | 8 |  | C | Last Arm circumference-for-age z score (median ac) |  |
| 4B | 229 | F4B\_Last\_MED\_MUAC\_AGEZ\_F | N | 8 |  | C | Last Flag for \_ZAC<-5 or \_ZAC>5 (median ac) |  |
| 4B | 230 | F4B\_Last\_BMI | N | 8 |  | C | Last calculated BMI |  |
| 4B | 231 | F4B\_Last\_BMIZ | N | 8 |  | C | Last BMI-for-age z-score |  |
| 4B | 232 | F4B\_Last\_BMIZ\_F | N | 8 |  | C | Last Flag for \_ZBMI<-5 or \_ZBMI>5 |  |
| 4B | 233 | F4B\_Last\_MED\_BMI | N | 8 |  | C | Last calculated BMI (median height) |  |
| 4B | 234 | F4B\_Last\_MED\_BMIZ | N | 8 |  | C | Last BMI-for-age z-score (median height) |  |
| 4B | 235 | F4B\_Last\_MED\_BMIZ\_F | N | 8 |  | C | Last Flag for \_ZBMI<-5 or \_ZBMI>5 (median height) |  |

| **CRF 06 Eligibility for Controls** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[6]](#footnote-6)** | **Description** | **Codes** |
| 6 | 1 | F6\_DATE | N | 8 | mmddyy10. | F |  |  |
| 6 | 2 | F6\_VERSION | N | 8 |  | F | Form Version | Version=3 |
| 6 | 3 | F6\_CASE\_DOB | N | 8 | mmddyy10. | F | 1. Birthdate of index case |  |
| 6 | 4 | F6\_CASE\_AGE | N | 8 |  | F | 1. Age of index case |  |
| 6 | 5 | F6\_CASE\_GENDER | N | 8 |  | F | 2. Gender of index case | 0=Boy  1=Girl |
| 6 | 6 | F6\_CASE\_ENROLL | N | 8 | mmddyy10. | F | 3. Date of enrollment of index case |  |
| 6 | 7 | F6\_CASE\_ID | N | 8 |  | F | 4. Child ID number of index case |  |
| 6 | 8 | F6\_LSD\_MSD | N | 8 |  | F | 4a. Enrollment for case LSD or MSD | 0=LSD, 1=MSD |
| 6 | 9 | F6\_BIRTH\_DATE | N | 8 | mmddyy10. | F | 5. Calculated birthdate |  |
| 6 | 10 | F6\_AGE | N | 8 |  | F | 5. Child's age |  |
| 6 | 11 | F6\_GENDER | N | 8 |  | F | 6. Child's gender | 0=Boy  1=Girl |
| 6 | 12 | F6\_ID\_CHILD | N | 8 |  | F | 7. Able to identify the child | 0=No  1=Yes  2=Died |
| 6 | 13 | F6\_INT\_CODE | C | 8 |  | F | Interviewer's staff code |  |
| 6 | 14 | F6\_QC\_CODE | C | 8 |  | F | Quality control's staff code |  |
| 6 | 15 | F6\_QC\_DATE | N | 8 | mmddyy10. | F | Calculated QC Date |  |
| 6 | 16 | F6\_AGE\_MATCH | N | 8 |  | F | 8. Age-matched to index case | 0=no, 1=yes, 9=DK |
| 6 | 17 | F6\_SAME\_GEN | N | 8 |  | F | 9. Same gender | 0=no, 1=yes |
| 6 | 18 | F6\_SAME\_VILLA | N | 8 |  | F | 10. Live in same or nearby village? | 0=no, 1=yes |
| 6 | 19 | F6\_ENROLL\_14 | N | 8 |  | F | 11. Case enrolled within past 14 days? | 0=no, 1=yes |
| 6 | 20 | F6\_DRH\_FREE7 | N | 8 |  | F | 12. Child free of diarrhea past 7 days | 0=no, 1=yes, 9=DK |
| 6 | 21 | F6\_ELIG\_ENROLL | N | 8 |  | F | 13. Child eligible for enrollment | 0=no, 1=yes |
| 6 | 22 | F6\_NOT\_ELIG | N | 8 |  | F | 13a. Reason unable determine eligibility | 1=Caretaker not available  2=Other |
| 6 | 23 | F6\_NOT\_ELIG\_SPEC | C | 60 |  | F | 13a. Other reason, specify |  |
| 6 | 24 | F6\_INT\_CODE2 | C | 8 |  | F | Interviewer's staff code |  |
| 6 | 25 | F6\_QC\_CODE2 | C | 8 |  | F | Quality control's staff code |  |
| 6 | 26 | F6\_QC\_DATE2 | N | 8 | mmddyy10. | F | Calculated QC Date |  |
| 6 | 27 | F6\_CONSENT | N | 8 |  | F | 14. Was consent obtained | 0=no, 1=yes |
| 6 | 28 | F6\_STOOL\_SMPL | N | 8 |  | F | 15. Was a stool sample collected | 0=no, 1=yes |
| 6 | 29 | F6\_ENROLLED | N | 8 |  | F | 16. Was the child enrolled | 0=no, 1=yes |
| 6 | 30 | F6\_NOT\_ENROLL | N | 8 |  | F | 17. Reason eligible but not enrolled | 1=Not invited  2=Refused by parent/caretaker |
| 6 | 31 | F6\_NOT\_INVITE | N | 8 |  | F | 17. Reason not invited | 1=Unable to produce adequate stool sample  2=Other |
| 6 | 32 | F6\_NO\_INVITE\_SPEC | C | 60 |  | F | 17. Specify other reason not invited |  |
| 6 | 33 | F6\_REFUSED | N | 8 |  | F | 17. Reason parent/caretaker refused | 1=Parent/caretaker too busy  2=Does not like research  3=Other |
| 6 | 34 | F6\_REFUSED\_SPEC | C | 60 |  | F | 17. Specify other reason parent refused |  |
| 6 | 35 | F6\_DATE\_ENROLL | N | 8 | mmddyy10. | F | 18. Calculated date of enrollment |  |
| 6 | 36 | F6\_INT\_CODE3 | C | 8 |  | F | Interviewer's staff code |  |
| 6 | 37 | F6\_QC\_CODE3 | C | 8 |  | F | Quality control's staff code |  |
| 6 | 38 | F6\_QC\_DATE3 | N | 8 | mmddyy10. | F | Calculated QC Date |  |

| **CRF 07 Enrollment Questionnaire for Controls** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[7]](#footnote-7)** | **Description** | **Codes** |
| 7 | 1 | F7\_DATE | N | 8 | mmddyy10. | F | Calculated visit date |  |
| 7 | 2 | F7\_VERSION | N | 8 |  | F | Form Version | Version=2 |
| 7 | 3 | F7\_CASE\_ID | N | 8 |  | F | Index case ID |  |
| 7 | 4 | F7\_PRIMCARE | N | 8 |  | F | 1. Who is the child's primary caretaker | 1 = Mother  2 = Father  3 = Sister  4 = Brother  5 = Grandmother  6 = Grandfather  7 = Aunt  8 = Uncle  9 = No relation  10 = Other relation by blood |
| 7 | 5 | F7\_PRIMCARE\_SPEC | C | 60 |  | F | 1. Other relation, Specify |  |
| 7 | 6 | F7\_RELATION | N | 8 |  | F | 2. Relation to the child | 1 = Mother  2 = Father  3 = Sister  4 = Brother  5 = Grandmother  6 = Grandfather  7 = Aunt  8 = Uncle  9 = No relation  10 = Other relation by blood |
| 7 | 7 | F7\_RELATION\_SPEC | C | 60 |  | F | 2. Other relation, specify |  |
| 7 | 8 | F7\_MOM\_LIVE | N | 8 |  | F | 3. Where does the child's mother live | 1 = Lives in household  2 = Lives outside of household  3 = Abroad  4 = Whereabouts unknown  5 = Died |
| 7 | 9 | F7\_DAD\_LIVE | N | 8 |  | F | 4. Where does the child's father live | 1 = Lives in household  2 = Abroad  3 = Died  4 = Lives outside of household  5 = Whereabouts unknown |
| 7 | 10 | F7\_PRIM\_SCHL | N | 8 |  | F | 5. Primary caretaker's max school | 1 = No formal schooling  2 = Less than primary  3 = Completed primary  4 = Completed secondary  5 = Post-secondary  6 = Religious education only  7 = Don't know |
| 7 | 11 | F7\_PPL\_HOUSE | N | 8 |  | F | 6. People who regularly live in house |  |
| 7 | 12 | F7\_PPL\_SLEEP | N | 8 |  | F | 7. People who regularly sleep in house |  |
| 7 | 13 | F7\_YNG\_CHILDRN | N | 8 |  | F | 8. Children under 60 months in house |  |
| 7 | 14 | F7\_SLP\_ROOMS | N | 8 |  | F | 9. Number of sleeping rooms |  |
| 7 | 15 | F7\_FLOOR | N | 8 |  | F | 10. What is the predominant floor | 1 = Earth/Sand  2 = Dung  3 = Wood planks  4 = Palm/Bamboo  5 = Parquet or polished wood  6 = Vinyl or asphalt strips  7 = Ceramic tile  8 = Cement  9 = Carpet  10 = Other |
| 7 | 16 | F7\_FLOOR\_SPEC | C | 60 |  | F | 10. Other floor, specify |  |
| 7 | 17 | F7\_HOUSE\_ELEC | N | 8 |  | F | 11. Electricity | 1 = yes, 0 = blank |
| 7 | 18 | F7\_HOUSE\_TELE | N | 8 |  | F | 11. Television | 1 = yes, 0 = blank |
| 7 | 19 | F7\_HOUSE\_SCOOT | N | 8 |  | F | 11. Motorcycle/scooter | 1 = yes, 0 = blank |
| 7 | 20 | F7\_HOUSE\_RADIO | N | 8 |  | F | 11. Radio | 1 = yes, 0 = blank |
| 7 | 21 | F7\_HOUSE\_BIKE | N | 8 |  | F | 11. Bicycle/rickshaw | 1 = yes, 0 = blank |
| 7 | 22 | F7\_HOUSE\_CAR | N | 8 |  | F | 11. Car/truck | 1 = yes, 0 = blank |
| 7 | 23 | F7\_HOUSE\_FRIDGE | N | 8 |  | F | 11. Refrigerator | 1 = yes, 0 = blank |
| 7 | 24 | F7\_HOUSE\_BOAT | N | 8 |  | F | 11. Boat with a motor | 1 = yes, 0 = blank |
| 7 | 25 | F7\_HOUSE\_PHONE | N | 8 |  | F | 11. Telephone | 1 = yes, 0 = blank |
| 7 | 26 | F7\_HOUSE\_CART | N | 8 |  | F | 11. Animal-drawn cart | 1 = yes, 0 = blank |
| 7 | 27 | F7\_HOUSE\_AGLAND | N | 8 |  | F | 11. Agricultural Land | 1 = yes, 0 = blank |
| 7 | 28 | F7\_HOUSE\_NONE | N | 8 |  | F | 11. None of the above | 1 = yes, 0 = blank |
| 7 | 29 | F7\_FUEL\_ELEC | N | 8 |  | F | 12. Electricity | 1 = yes, 0 = blank |
| 7 | 30 | F7\_FUEL\_PROPANE | N | 8 |  | F | 12. Liquid Propane Gas | 1 = yes, 0 = blank |
| 7 | 31 | F7\_FUEL\_NATGAS | N | 8 |  | F | 12. Natural Gas | 1 = yes, 0 = blank |
| 7 | 32 | F7\_FUEL\_KERO | N | 8 |  | F | 12. Kerosene | 1 = yes, 0 = blank |
| 7 | 33 | F7\_FUEL\_BIOGAS | N | 8 |  | F | 12. Biogas | 1 = yes, 0 = blank |
| 7 | 34 | F7\_FUEL\_COAL | N | 8 |  | F | 12. Coal/lignite | 1 = yes, 0 = blank |
| 7 | 35 | F7\_FUEL\_CHARCOAL | N | 8 |  | F | 12. Charcoal | 1 = yes, 0 = blank |
| 7 | 36 | F7\_FUEL\_WOOD | N | 8 |  | F | 12. Wood | 1 = yes, 0 = blank |
| 7 | 37 | F7\_FUEL\_GRASS | N | 8 |  | F | 12. Straw/shrubs/grass | 1 = yes, 0 = blank |
| 7 | 38 | F7\_FUEL\_DUNG | N | 8 |  | F | 12. Animal dung | 1 = yes, 0 = blank |
| 7 | 39 | F7\_FUEL\_CROP | N | 8 |  | F | 12. Agricultural crop residue | 1 = yes, 0 = blank |
| 7 | 40 | F7\_FUEL\_OTHER | N | 8 |  | F | 12. Other fuel | 1 = yes, 0 = blank |
| 7 | 41 | F7\_FUEL\_OTHER\_SPEC | C | 60 |  | F | 12. Other fuel, specify |  |
| 7 | 42 | F7\_ANI\_GOAT | N | 8 |  | F | 13. Goat | 1 = yes, 0 = blank |
| 7 | 43 | F7\_ANI\_SHEEP | N | 8 |  | F | 13. Sheep | 1 = yes, 0 = blank |
| 7 | 44 | F7\_ANI\_DOG | N | 8 |  | F | 13. Dog | 1 = yes, 0 = blank |
| 7 | 45 | F7\_ANI\_CAT | N | 8 |  | F | 12. Cat | 1 = yes, 0 = blank |
| 7 | 46 | F7\_ANI\_COW | N | 8 |  | F | 13. Cow | 1 = yes, 0 = blank |
| 7 | 47 | F7\_ANI\_RODENTS | N | 8 |  | F | 13. Rodents | 1 = yes, 0 = blank |
| 7 | 48 | F7\_ANI\_FOWL | N | 8 |  | F | 13. Fowl | 1 = yes, 0 = blank |
| 7 | 49 | F7\_ANI\_OTHER | N | 8 |  | F | 13. Other animal | 1 = yes, 0 = blank |
| 7 | 50 | F7\_ANI\_SPEC | C | 60 |  | F | 13. Other animal, specify |  |
| 7 | 51 | F7\_ANI\_NO | N | 8 |  | F | 13. No Animals | 1 = yes, 0 = blank |
| 7 | 52 | F7\_WATER\_HOUSE | N | 8 |  | F | 14. Piped into house | 1 = yes, 0 = blank |
| 7 | 53 | F7\_WATER\_YARD | N | 8 |  | F | 14. Piped into yard | 1 = yes, 0 = blank |
| 7 | 54 | F7\_WATER\_PUBTAP | N | 8 |  | F | 14. Public tap | 1 = yes, 0 = blank |
| 7 | 55 | F7\_WATER\_WELL | N | 8 |  | F | 14. Open well in house or yard | 1 = yes, 0 = blank |
| 7 | 56 | F7\_WATER\_PUBWELL | N | 8 |  | F | 14. Open public well | 1 = yes, 0 = blank |
| 7 | 57 | F7\_WATER\_POND | N | 8 |  | F | 14. Pond or lake | 1 = yes, 0 = blank |
| 7 | 58 | F7\_WATER\_DEEPWELL | N | 8 |  | F | 14. Deep tube well | 1 = yes, 0 = blank |
| 7 | 59 | F7\_WATER\_SHALLWELL | N | 8 |  | F | 14. Shallow tube well | 1 = yes, 0 = blank |
| 7 | 60 | F7\_WATER\_COVWELL | N | 8 |  | F | 14. Covered well in house or yard | 1 = yes, 0 = blank |
| 7 | 61 | F7\_WATER\_COVPWELL | N | 8 |  | F | 14. Covered public well | 1 = yes, 0 = blank |
| 7 | 62 | F7\_WATER\_PROSPRING | N | 8 |  | F | 14. Protected spring | 1 = yes, 0 = blank |
| 7 | 63 | F7\_WATER\_UNSPRING | N | 8 |  | F | 14. Unprotected spring | 1 = yes, 0 = blank |
| 7 | 64 | F7\_WATER\_RIVER | N | 8 |  | F | 14. River or stream | 1 = yes, 0 = blank |
| 7 | 65 | F7\_WATER\_DAM | N | 8 |  | F | 14. Dam or earth pan | 1 = yes, 0 = blank |
| 7 | 66 | F7\_WATER\_RAIN | N | 8 |  | F | 14. Rainwater | 1 = yes, 0 = blank |
| 7 | 67 | F7\_WATER\_BOUGHT | N | 8 |  | F | 14. Bought | 1 = yes, 0 = blank |
| 7 | 68 | F7\_WATER\_BORE | N | 8 |  | F | 14. Bore hole | 1 = yes, 0 = blank |
| 7 | 69 | F7\_WATER\_OTHR | N | 8 |  | F | 14. Other source | 1 = yes, 0 = blank |
| 7 | 70 | F7\_WATER\_SPEC | C | 60 |  | F | 14. Other source, Specify |  |
| 7 | 71 | F7\_MS\_WATER | N | 8 |  | F | 15. Main source of drinking water | 1=Piped into house  2=Piped into yard  3=Public tap  4=Open well in house/yard  5=Open public well  6=Pond or lake  7=Deep tube well  8=Shallow tube well  9=Covered well in house or yard  10=Covered public well  11=Protected spring  12=Unprotected spring  13=River or stream  14=Dam or earth pan  15=Rainwater  16=Bought  17=Bore hole  18=Other |
| 7 | 72 | F7\_MS\_SPEC | C | 60 |  | F | 15. Other source, specify |  |
| 7 | 73 | F7\_TIME\_WATER | N | 8 |  | F | 16. How long does it take to get water | 1 = Less than 15 Minutes  2 = 15 to 29 minutes  3 = 30 to 59 minutes  4 = 1 to 3 hours  5 = More than 3 hours |
| 7 | 74 | F7\_FETCH\_WATER | N | 8 |  | F | 17. Water fetched every day? | 0= No, 1 = Yes |
| 7 | 75 | F7\_TRIP\_DAY | N | 8 |  | F | 17a. Trips for water per day |  |
| 7 | 76 | F7\_TRIP\_WEEK | N | 8 |  | F | 17b. Trips for water per week |  |
| 7 | 77 | F7\_WATER\_AVAIL | N | 8 |  | F | 18. How often is water available? | 1 = All the time  2 = Several hours everyday  3 = A few times per week  4 = Less frequent than a few times per week |
| 7 | 78 | F7\_STORE\_WATER | N | 8 |  | F | 19. Did you give the child stored water | 0 = No, 1 = Yes |
| 7 | 79 | F7\_TRT\_WATER | N | 8 |  | F | 20. Do you usually treat water at home | 0 = No, 1 = Yes |
| 7 | 80 | F7\_TRT\_METHOD | N | 8 |  | F | 21. Most used treatment method | 1 = Leave water in sun  2 = Filter through a cloth  3 = Chlorine  4 = Boil  5 = Filter through ceramic or other filter  6 = Alum  7 = Other chemical or additive |
| 7 | 81 | F7\_TRT\_METHOD\_SPEC | C | 60 |  | F | 21. Other method, specify |  |
| 7 | 82 | F7\_CHLORINE | N | 8 |  | F | 21a. Most common chlorine | 1 = Certeza  2 = Aquatabs  3 = AquaGuard  4 = WaterGuard  5 = Watermaker  6 = PuR  7 = Unknown  8 = Other |
| 7 | 83 | F7\_CHLORINE\_SPEC | C | 60 |  | F | 21a. Other, specify |  |
| 7 | 84 | F7\_NOTRT\_WATER | N | 8 |  | F | 22. Give untreated water? | 0 = No, 1 = Yes |
| 7 | 85 | F7\_DISP\_FECES | N | 8 |  | F | 23. Usually dispose of child's feces | 1= Scatter in yard  2= Bury  3= Toilet, latrine  4 = Bush/ Field/ Ground/ Stream/ Open sewer  5 = Do nothing  6 = Other |
| 7 | 86 | F7\_DISP\_SPEC | C | 60 |  | F | 23. Other method, specify |  |
| 7 | 87 | F7\_FAC\_WASTE | N | 8 |  | F | 24. Household disposal of fecal waste | 1=Flush toilet  2=VIP latrine  3=Traditional pit toilet  4= VIP with water seal  5= Pour flush toilet  6= No facility  7= Other |
| 7 | 88 | F7\_FAC\_SPEC | C | 60 |  | F | 24. Other facility, specify |  |
| 7 | 89 | F7\_SHARE\_FAC | N | 8 |  | F | 25. Households share this facility |  |
| 7 | 90 | F7\_WASH\_EAT | N | 8 |  | F | 26. Wash hands before eating | 1 = yes, 0 = blank |
| 7 | 91 | F7\_WASH\_COOK | N | 8 |  | F | 26. Wash hands before cooking | 1 = yes, 0 = blank |
| 7 | 92 | F7\_WASH\_NURSE | N | 8 |  | F | 26. Wash hands before you nurse | 1 = yes, 0 = blank |
| 7 | 93 | F7\_WASH\_DEF | N | 8 |  | F | 26. Wash hands after you defecate | 1 = yes, 0 = blank |
| 7 | 94 | F7\_WASH\_ANIMAL | N | 8 |  | F | 26. Wash hands after handling animals | 1 = yes, 0 = blank |
| 7 | 95 | F7\_WASH\_CHILD | N | 8 |  | F | 26. Wash hands after cleaning a child | 1 = yes, 0 = blank |
| 7 | 96 | F7\_WASH\_NEVER | N | 8 |  | F | 26. Never wash hands | 1 = yes, 0 = blank |
| 7 | 97 | F7\_WASH\_OTHR | N | 8 |  | F | 26. Wash hands other time | 1 = yes, 0 = blank |
| 7 | 98 | F7\_WASH\_SPEC | C | 60 |  | F | 26. Other time, specify |  |
| 7 | 99 | F7\_WASH\_USE | N | 8 |  | F | 27. What do you use to wash your hands | 1=Water only  2=Water and soap  3=Water and ashes  4=Water and mud or clay |
| 7 | 100 | F7\_EVERBREASTFED | N | 8 |  | F | 28. Child ever breastfed | 0=No  1=Yes |
| 7 | 101 | F7\_BREASTFED | N | 8 |  | F | 28a. Is the child currently breastfed | 0=No  1=Partial breastfeeding  2=Exclusive breastfeeding |
| 7 | 102 | F7\_BLOOD | N | 8 |  | F | 29a. Blood in stools during last 7 days | 0 = No, 1 = Yes |
| 7 | 103 | F7\_FEVER | N | 8 |  | F | 29b. Fever during last 7 days | 0 = No, 1 = Yes |
| 7 | 104 | F7\_VOMIT | N | 8 |  | F | 29c. Vomiting 3 or more times per day | 0 = No, 1 = Yes |
| 7 | 105 | F7\_CUR\_MED | N | 8 |  | F | 30. Child currently receiving medication | 0 = No, 1 = Yes |
| 7 | 106 | F7\_MED\_ONGOING | N | 8 |  | F | 30a. Prescription available | 0 = No, 1 = Yes |
| 7 | 107 | F7\_MED\_ORS | N | 8 |  | F | 30b. Currently receiving ORS | 1 = yes, 0 = blank |
| 7 | 108 | F7\_MED\_IV | N | 8 |  | F | 30b. Currently receiving IV | 1 = yes, 0 = blank |
| 7 | 109 | F7\_MED\_COTR | N | 8 |  | F | 30b. Currently receiving cotrimoxazole | 1 = yes, 0 = blank |
| 7 | 110 | F7\_MED\_NOFOOD | N | 8 |  | F | 30b. Currently normal food withheld | 1 = yes, 0 = blank |
| 7 | 111 | F7\_MED\_GENT | N | 8 |  | F | 30b. Currently receiving gentamycin | 1 = yes, 0 = blank |
| 7 | 112 | F7\_MED\_CHLOR | N | 8 |  | F | 30b. Currently receiving chloramphenicol | 1 = yes, 0 = blank |
| 7 | 113 | F7\_MED\_ERYTH | N | 8 |  | F | 30b. Currently receiving erythromycin | 1 = yes, 0 = blank |
| 7 | 114 | F7\_MED\_AZITH | N | 8 |  | F | 30b. Currently receiving azithromycin | 1 = yes, 0 = blank |
| 7 | 115 | F7\_MED\_OMACR | N | 8 |  | F | 30b. Currently receiving other macrolide | 1 = yes, 0 = blank |
| 7 | 116 | F7\_MED\_PENI | N | 8 |  | F | 30b. Currently receiving penicillin | 1 = yes, 0 = blank |
| 7 | 117 | F7\_MED\_AMOXY | N | 8 |  | F | 30b. Currently receiving amoxycillin | 1 = yes, 0 = blank |
| 7 | 118 | F7\_MED\_AMPI | N | 8 |  | F | 30b. Currently receiving ampicillin | 1 = yes, 0 = blank |
| 7 | 119 | F7\_MED\_NALID | N | 8 |  | F | 30b. Currently receiving nalidixic acid | 1 = yes, 0 = blank |
| 7 | 120 | F7\_MED\_CIPRO | N | 8 |  | F | 30b. Currently receiving ciprofloxacin | 1 = yes, 0 = blank |
| 7 | 121 | F7\_MED\_SELE | N | 8 |  | F | 30b. Currently receiving selexid | 1 = yes, 0 = blank |
| 7 | 122 | F7\_MED\_OTHERANT | N | 8 |  | F | 30b. Current receiving other antibiotic | 1 = yes, 0 = blank |
| 7 | 123 | F7\_MED\_ANT\_SPEC | C | 60 |  | F | 30b. Other antibiotic, specify |  |
| 7 | 124 | F7\_MED\_ZINC | N | 8 |  | F | 30b. Currently receiving zinc | 1 = yes, 0 = blank |
| 7 | 125 | F7\_MED\_GOVFLUID | N | 8 |  | F | 30b. Currently receiving homemade fluid | 1 = yes, 0 = blank |
| 7 | 126 | F7\_MED\_ANTIMAL | N | 8 |  | F | 30b. Currently receiving an antimalarial | 1 = yes, 0 = blank |
| 7 | 127 | F7\_MED\_OTHER1 | N | 8 |  | F | 30b. Currently receiving other med 1 | 1 = yes, 0 = blank |
| 7 | 128 | F7\_MED\_OTH1\_SPEC | C | 60 |  | F | 30b. Other medicine 1, specify |  |
| 7 | 129 | F7\_MED\_OTHER2 | N | 8 |  | F | 30b. Currently receiving other med 2 | 1 = yes, 0 = blank |
| 7 | 130 | F7\_MED\_OTH2\_SPEC | C | 60 |  | F | 30b. Other medicine 2, specify |  |
| 7 | 131 | F7\_MED\_OTHER3 | N | 8 |  | F | 30b. Currently receiving other med 3 | 1 = yes, 0 = blank |
| 7 | 132 | F7\_MED\_OTH3\_SPEC | C | 60 |  | F | 30b. Other medicine 3, specify |  |
| 7 | 133 | F7\_MED\_NONE | N | 8 |  | F | 30b. Currently receiving nothing | 1 = yes, 0 = blank |
| 7 | 134 | F7\_SEEKCARE | N | 8 |  | F | 31. Seek outside care | 0 = No  1 = Yes  2 = Never had diarrhea |
| 7 | 135 | F7\_SEEK\_PHARM | N | 8 |  | F | 32. Pharmacy | 1 = yes, 0 = blank |
| 7 | 136 | F7\_SEEK\_FRIEND | N | 8 |  | F | 32. Friend/relative | 1 = yes, 0 = blank |
| 7 | 137 | F7\_SEEK\_HEALER | N | 8 |  | F | 32. Traditional healer | 1 = yes, 0 = blank |
| 7 | 138 | F7\_SEEK\_DOC | N | 8 |  | F | 32. Unlicensed practitioner | 1 = yes, 0 = blank |
| 7 | 139 | F7\_SEEK\_PRIVDOC | N | 8 |  | F | 32. Licensed practitioner | 1 = yes, 0 = blank |
| 7 | 140 | F7\_SEEK\_REMDY | N | 8 |  | F | 32. Bought remedy | 1 = yes, 0 = blank |
| 7 | 141 | F7\_SEEK\_REMDY\_SPEC | C | 60 |  | F | 32. Specify remedy/drug | 1 = yes, 0 = blank |
| 7 | 142 | F7\_SEEK\_CTR1 | N | 8 |  | F | 32. Hospital/Center of first choice | 1 = yes, 0 = blank |
| 7 | 143 | F7\_SEEK\_CTR1\_CODE | N | 8 |  | F | 32. First choice facility code |  |
| 7 | 144 | F7\_SEEK\_CTR1\_SHC | N | 8 |  | C | 32. First choice facility SHC | 1=Sentinel Health Center  0=Nonsentinel Health Center |
| 7 | 145 | F7\_SEEK\_CTR2 | N | 8 |  | F | 32. Hospital/Center of second choice | 1 = yes, 0 = blank |
| 7 | 146 | F7\_SEEK\_CTR2\_CODE | N | 8 |  | F | 32. Second choice facility code |  |
| 7 | 147 | F7\_SEEK\_CTR2\_SHC | N | 8 |  | C | 32. Second choice facility SHC | 1=Sentinel Health Center  0=Nonsentinel Health Center |
| 7 | 148 | F7\_SEEK\_CTR3 | N | 8 |  | F | 32. Hospital/Center of third choice | 1 = yes, 0 = blank |
| 7 | 149 | F7\_SEEK\_CTR3\_CODE | N | 8 |  | F | 32. Third choice facility code |  |
| 7 | 150 | F7\_SEEK\_CTR3\_SHC | N | 8 |  | C | 32. Third choice facility SHC | 1=Sentinel Health Center  0=Nonsentinel Health Center |
| 7 | 151 | F7\_SEEK\_OTHR | N | 8 |  | F | 32. Other Hospital/Center | 1 = yes, 0 = blank |
| 7 | 152 | F7\_SEEK\_OTHR\_SPEC | C | 60 |  | F | 32. Other Hospital/Center, specify |  |
| 7 | 153 | F7\_OFFR\_DRINK | N | 8 |  | F | 33. Amount child was offered to drink | 1 = More than usual  2 = Usual  3 = Somewhat less than usual  4 = Much less than usual  5 = Nothing to drink |
| 7 | 154 | F7\_OFFR\_EAT | N | 8 |  | F | 34. Amount child was offered to eat | 1 = More than usual  2 = Usual  3 = Somewhat less than usual  4 = Much less than usual  5 = Nothing to eat |
| 7 | 155 | F7\_WT\_CHILD | N | 8 |  | F | 35a. Weight of child and caretaker |  |
| 7 | 156 | F7\_WT\_CARE | N | 8 |  | F | 35a. Weight of caretaker alone |  |
| 7 | 157 | F7\_WT | N | 8 |  | F | 35a. Weight of child alone |  |
| 7 | 158 | F7\_WEIGHT | N | 8 |  | C | Calculated weight |  |
| 7 | 159 | F7\_WAZ | N | 8 |  | C | Weight-for-age z-score |  |
| 7 | 160 | F7\_WAZ\_F | N | 8 |  | C | Flag for \_ZWEI<-6 or \_ZWEI>5 |  |
| 7 | 161 | F7\_HT1 | N | 8 |  | F | 35b. Height 1st |  |
| 7 | 162 | F7\_HT2 | N | 8 |  | F | 35b. Height 2nd |  |
| 7 | 163 | F7\_HT3 | N | 8 |  | F | 35b. Height 3rd |  |
| 7 | 164 | F7\_HEIGHT | N | 8 |  | C | Calculated mean Height |  |
| 7 | 165 | F7\_HEIGHT\_MEDIAN | N | 8 |  | C | Calculated median Height |  |
| 7 | 166 | F7\_HAZ | N | 8 |  | C | Length/height-for-age z-score |  |
| 7 | 167 | F7\_HAZ\_F | N | 8 |  | C | Flag for \_ZLEN<-6 or \_ZLEN>6 |  |
| 7 | 168 | F7\_WHZ | N | 8 |  | C | Weight-for-length/height z-score |  |
| 7 | 169 | F7\_WHZ\_F | N | 8 |  | C | Flag for \_ZWFL<-5 or \_ZWFL>5 |  |
| 7 | 170 | F7\_MED\_HAZ | N | 8 |  | C | Length/height-for-age z-score (median ht) |  |
| 7 | 171 | F7\_MED\_HAZ\_F | N | 8 |  | C | Flag for \_ZLEN<-6 or \_ZLEN>6 (median ht) |  |
| 7 | 172 | F7\_MED\_WHZ | N | 8 |  | C | Weight-for-length/height z-score (median ht) |  |
| 7 | 173 | F7\_MED\_WHZ\_F | N | 8 |  | C | Flag for \_ZWFL<-5 or \_ZWFL>5 (median ht) |  |
| 7 | 174 | F7\_MUAC1 | N | 8 |  | F | 35c. MUAC 1st |  |
| 7 | 175 | F7\_MUAC2 | N | 8 |  | F | 35c. MUAC 2nd |  |
| 7 | 176 | F7\_MUAC3 | N | 8 |  | F | 35c. MUAC 3rd |  |
| 7 | 177 | F7\_MUAC | N | 8 |  | C | Calculated Mean MUAC |  |
| 7 | 178 | F7\_MUAC\_MEDIAN | N | 8 |  | C | Calculated Median MUAC |  |
| 7 | 179 | F7\_MUAC\_AGEZ | N | 8 |  | C | Arm circumference-for-age z score |  |
| 7 | 180 | F7\_MUAC\_AGEZ\_F | N | 8 |  | C | Flag for \_ZAC<-5 or \_ZAC>5 |  |
| 7 | 181 | F7\_MED\_MUAC\_AGEZ | N | 8 |  | C | Arm circumference-for-age z score (median ac) |  |
| 7 | 182 | F7\_MED\_MUAC\_AGEZ\_F | N | 8 |  | C | Flag for \_ZAC<-5 or \_ZAC>5 (median ac) |  |
| 7 | 183 | F7\_BMI | N | 8 |  | C | Calculated BMI=weight / squared(\_CLENHEI) |  |
| 7 | 184 | F7\_BMIZ | N | 8 |  | C | BMI-for-age z-score |  |
| 7 | 185 | F7\_BMIZ\_F | N | 8 |  | C | Flag for \_ZBMI<-5 or \_ZBMI>5 |  |
| 7 | 186 | F7\_MED\_BMI | N | 8 |  | C | Calculated BMI=weight / squared(\_CLENHEI) (median ht) |  |
| 7 | 187 | F7\_MED\_BMIZ | N | 8 |  | C | BMI-for-age z-score (median ht) |  |
| 7 | 188 | F7\_MED\_BMIZ\_F | N | 8 |  | C | Flag for \_ZBMI<-5 or \_ZBMI>5 (median ht) |  |
| 7 | 189 | F7\_TEMP | N | 8 |  | F | 35d. Axillary temperature |  |
| 7 | 190 | F7\_RESP1 | N | 8 |  | F | 35e. Respiratory rate per minute 1st |  |
| 7 | 191 | F7\_RESP2 | N | 8 |  | F | 35e. Respiratory rate per minute 2nd |  |
| 7 | 192 | F7\_RESP | N | 8 |  | C | Calculated Respiratory rate |  |
| 7 | 193 | F7\_BIPEDAL | N | 8 |  | F | 35f. Bipedal edema | 0 = Absent  1 = Present |
| 7 | 194 | F7\_ABN\_HAIR | N | 8 |  | F | 35g. Abnormal hair | 0 = Absent  1 = Present |
| 7 | 195 | F7\_UNDER\_NUTR | N | 8 |  | F | 35h. Undernutrition | 0 = Absent  1 = Present |
| 7 | 196 | F7\_SKIN\_FLAKY | N | 8 |  | F | 35i. Skin has 'flaky paint' appearance | 0 = Absent  1 = Present |
| 7 | 197 | F7\_SPECIMEN\_ID | N | 8 |  | F | 36. Specimen ID |  |
| 7 | 198 | F7\_INT\_CODE | C | 8 |  | F | Interviewer's Staff Code |  |
| 7 | 199 | F7\_QC\_CODE | C | 8 |  | F | Quality Control's staff code |  |
| 7 | 200 | F7\_QC\_DATE | N | 8 | mmddyy10. | F | Calculated QC Date |  |

| **CRF 11 Stool Collection** | | | | | | | | |
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| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[8]](#footnote-8)** | **Description** | **Codes** |
| 11 | 1 | F11\_DATE | N | 8 | mmddyy10. | F | Calculated Visit Date |  |
| 11 | 2 | F11\_VERSION | N | 8 |  | F | Form Version | Version=4 |
| 11 | 3 | F11\_DATESTOOL | N | 8 | mmddyy10. | F | 1a. Calculated date stool passed |  |
| 11 | 4 | F11\_TIMESTOOL | C | 8 |  | F | 1b. Time stool passed |  |
| 11 | 5 | F11\_CONSISTENCY | N | 8 |  | F | 2. Stool Consistency | 1=Grade 1 (formed)  2=Grade 2 (soft)  3=Grade 3 (thick liquid)  4=Grade 4 (Opaque watery)  5=Grade 5 (rice water-clear water) |
| 11 | 6 | F11\_BLOOD | N | 8 |  | F | 3. Characterization - Blood | 0 = No, 1 = Yes |
| 11 | 7 | F11\_PUS | N | 8 |  | F | 3. Characterization - Pus | 0 = No, 1 = Yes |
| 11 | 8 | F11\_MUCUS | N | 8 |  | F | 3. Characterization - Mucus | 0 = No, 1 = Yes |
| 11 | 9 | F11\_ANTIBIOTIC | N | 8 |  | F | 4. Did s/he receive antibiotic | 0 = No, 1 = Yes, 9=DK |
| 11 | 10 | F11\_ANTI\_AMPI | N | 8 |  | F | 4. Ampicillin | 1 = yes, 0 = blank |
| 11 | 11 | F11\_ANTI\_NALI | N | 8 |  | F | 4. Nalidixic acid | 1 = yes, 0 = blank |
| 11 | 12 | F11\_ANTI\_COTR | N | 8 |  | F | 4. Cotrimoxazole | 1 = yes, 0 = blank |
| 11 | 13 | F11\_ANTI\_CIPR | N | 8 |  | F | 4. Ciprofloxacin | 1 = yes, 0 = blank |
| 11 | 14 | F11\_ANTI\_SELE | N | 8 |  | F | 4. Selexid/Pivmecillinam | 1 = yes, 0 = blank |
| 11 | 15 | F11\_ANTI\_GENT | N | 8 |  | F | 4. Gentamycin | 1 = yes, 0 = blank |
| 11 | 16 | F11\_ANTI\_CHLO | N | 8 |  | F | 4. Chloramphenicol/Thiamphenicol | 1 = yes, 0 = blank |
| 11 | 17 | F11\_ANTI\_ERYT | N | 8 |  | F | 4. Erythromycin | 1 = yes, 0 = blank |
| 11 | 18 | F11\_ANTI\_AZIT | N | 8 |  | F | 4. Azithromycin | 1 = yes, 0 = blank |
| 11 | 19 | F11\_ANTI\_MACR | N | 8 |  | F | 4. Other macrolides | 1 = yes, 0 = blank |
| 11 | 20 | F11\_ANTI\_PENI | N | 8 |  | F | 4. Penicillin | 1 = yes, 0 = blank |
| 11 | 21 | F11\_ANTI\_AMOX | N | 8 |  | F | 4. Amoxycillin | 1 = yes, 0 = blank |
| 11 | 22 | F11\_ANTI\_OTHER | N | 8 |  | F | 4. Other antibiotic | 1 = yes, 0 = blank |
| 11 | 23 | F11\_ANTI\_SPEC | C | 60 |  | F | 4. Other antibiotic, specify |  |
| 11 | 24 | F11\_ANTI\_DATE | N | 8 | mmddyy10. | F | 5a. Calculated date of first antibiotic |  |
| 11 | 25 | F11\_ANTI\_TIME | C | 8 |  | F | 5b. 8. Time of first antibiotic |  |
| 11 | 26 | F11\_RECTAL\_SWAB | N | 8 |  | F | 6. Were rectal swabs collected | 0 = No, 1 = Yes |
| 11 | 27 | F11\_SWAB\_DATE | N | 8 | mmddyy10. | F | 6a. Calculated date rectal swabs obtained |  |
| 11 | 28 | F11\_SWAB\_TIME | C | 8 |  | F | 6b. Time rectal swab collected |  |
| 11 | 29 | F11\_DATESTAFF | N | 8 | mmddyy10. | F | 7a. Calculated date stool placed in transport media |  |
| 11 | 30 | F11\_TIMESTAFF | C | 8 |  | F | 7b. Time stool placed in transport media |  |
| 11 | 31 | F11\_CARYBLAIR | N | 8 |  | F | 8. Swab in Cary Blair | 0 = No, 1 = Yes |
| 11 | 32 | F11\_GLYCEROL | N | 8 |  | F | 9. Swab in Buffered Glycerol Saline | 0 = No, 1 = Yes |
| 11 | 33 | F11\_SPECIMEN\_ID | N | 8 |  | F | 10. Specimen ID |  |
| 11 | 34 | F11\_SEPCIMEN\_LABDATE | N | 8 | mmddyy10. | F | 11a. Calculated date sample received by lab |  |
| 11 | 35 | F11\_SPECIMEN\_LABTIME | C | 8 |  | F | 11b. Time sample received by lab |  |
| 11 | 36 | F11\_INT\_CODE | C | 8 |  | F | Interviewer's Staff Code |  |
| 11 | 37 | F11\_QC\_CODE | C | 8 |  | F | Quality Control's Staff Code |  |
| 11 | 38 | F11\_QC\_DATE | N | 8 | mmddyy10. | F | Calculated QC Date |  |

| **CRF 15 Stool Accession** | | | | | | | | |
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| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[9]](#footnote-9)** | **Description** | **Codes** |
| 15 | 1 | F15\_DATE | N | 8 | mmddyy10. | F | Calculated date processed in lab |  |
| 15 | 2 | F15\_VERSION | N | 8 |  | F | Form Version | Version=3 |
| 15 | 3 | F15\_COLLECT\_RECT | N | 8 |  | F | Rectal swab sample collected? | 0 = No, 1 = Yes |
| 15 | 4 | F15\_COLLECT\_STOOL | N | 8 |  | F | Whole stool sample collected? | 0 = No, 1 = Yes |
| 15 | 5 | F15\_TEST\_TIME | C | 8 |  | F | Time processed in lab |  |
| 15 | 6 | F15\_LABELED | N | 8 |  | F | Properly labeled | 0 = No, 1 = Yes |
| 15 | 7 | F15\_TIGHTSHUT | N | 8 |  | F | Container tightly shut | 0 = No, 1 = Yes |
| 15 | 8 | F15\_COLD | N | 8 |  | F | Temperature okay | 0 = No, 1 = Yes |
| 15 | 9 | F15\_WT\_VOLUME | N | 8 |  | F | Sufficient weight/volume | 0 = No, 1 = Yes |
| 15 | 10 | F15\_WT\_VOL\_ACT | N | 8 |  | F | Actual weight |  |
| 15 | 11 | F15\_ACCEPTABLE | N | 8 |  | F | Acceptable for accession | 0 = No, 1 = Yes |
| 15 | 12 | F15\_VIRUSES | N | 8 |  | F | Aliquoted for viruses | 0 = No, 1 = Yes |
| 15 | 13 | F15\_PARASITES | N | 8 |  | F | Aliquoted for parasites | 0 = No, 1 = Yes |
| 15 | 14 | F15\_CDIFF | N | 8 |  | F | Aliquoted for C.diff/H. pylori | 0 = No, 1 = Yes |
| 15 | 15 | F15\_ARCHIVE1 | N | 8 |  | F | Aliquoted for archive 1 | 0 = No, 1 = Yes |
| 15 | 16 | F15\_ARCHIVE2 | N | 8 |  | F | Aliquoted for archive 2 | 0 = No, 1 = Yes |
| 15 | 17 | F15\_BFRAG\_HELMINTH | N | 8 |  | F | Aliquoted for B.frag/Helminth | 0 = No, 1 = Yes |
| 15 | 18 | F15\_XLD | N | 8 |  | F | Plated on SS/XLD | 0 = No, 1 = Yes |
| 15 | 19 | F15\_TCBS | N | 8 |  | F | Plated on TTGA/TCBS | 0 = No, 1 = Yes |
| 15 | 20 | F15\_CAMPY | N | 8 |  | F | Plated on CAMPY | 0 = No, 1 = Yes |
| 15 | 21 | F15\_MAC | N | 8 |  | F | Plated on MaC | 0 = No, 1 = Yes |
| 15 | 22 | F15\_APW | N | 8 |  | F | Plated on BP/APW | 0 = No, 1 = Yes |
| 15 | 23 | F15\_RYAN | N | 8 |  | F | Plated on ABA/CIN/RYAN | 0 = No, 1 = Yes |
| 15 | 24 | F15\_SFB | N | 8 |  | F | Plated on SFB | 0 = No, 1 = Yes |
| 15 | 25 | F15\_TECH\_SIG | N | 8 |  | F | Technician Signature |  |
| 15 | 26 | F15\_TECH\_DATE | N | 8 | mmddyy10. | F | Calculated tech date |  |
| 15 | 27 | F15\_QC\_SIG | N | 8 |  | F | Quality Control's Signature |  |
| 15 | 28 | F15\_REVIEW\_DATE | N | 8 | mmddyy10. | F | Calculated date reviewed |  |

| **CRF 16 Stool Culture** | | | | | | | | |
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| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[10]](#footnote-10)** | **Description** | **Codes** |
| 16 | 1 | F16\_DATE | N | 8 | mmddyy10. | F | Calculated date of test |  |
| 16 | 2 | F16\_VERSION | N | 8 |  | F | Form Version | Version=3 |
| 16 | 3 | F16\_AEROMONAS | N | 8 |  | F | Aeromonas spp. | 0 = No, 1 = Yes |
| 16 | 4 | F16\_CAMPY\_JEJUNI | N | 8 |  | F | Campylobacter jejuni | 0 = No, 1 = Yes |
| 16 | 5 | F16\_CAMPY\_COLI | N | 8 |  | F | Campylobacter coli | 0 = No, 1 = Yes |
| 16 | 6 | F16\_CAMPY\_NONJEJ | N | 8 |  | F | Campylobacter (not jejuni or coli) | 0 = No, 1 = Yes |
| 16 | 7 | F16\_CAMPY\_NONSPEC | N | 8 |  | F | Campylobacter (non-speciated) | 0 = No, 1 = Yes |
| 16 | 8 | F16\_SALM\_TYPHI | N | 8 |  | F | Salmonella Typhi | 0 = No, 1 = Yes |
| 16 | 9 | F16\_SALM\_NONTYPHI | N | 8 |  | F | Salmonella enterica non-Typhi serovar | 0 = No, 1 = Yes |
| 16 | 10 | F16\_SHIG\_SPP | N | 8 |  | F | Shigella spp | 0 = No, 1 = Yes |
| 16 | 11 | F16\_S\_DYSENT | N | 8 |  | F | S. dysenteriae | 1 = yes, 0 = blank |
| 16 | 12 | F16\_S\_FLEXNERI | N | 8 |  | F | S. flexneri | 1 = yes, 0 = blank |
| 16 | 13 | F16\_S\_BOYDII | N | 8 |  | F | S. boydii | 1 = yes, 0 = blank |
| 16 | 14 | F16\_S\_SONNEI | N | 8 |  | F | S. sonnei | 1 = yes, 0 = blank |
| 16 | 15 | F16\_S\_NONTYPE | N | 8 |  | F | Non-typeable serogroup | 1 = yes, 0 = blank |
| 16 | 16 | F16\_SHIG\_1A | N | 8 |  | F | Shigella 1a | 1 = yes, 0 = blank |
| 16 | 17 | F16\_SHIG\_1B | N | 8 |  | F | Shigella 1b | 1 = yes, 0 = blank |
| 16 | 18 | F16\_SHIG\_2A | N | 8 |  | F | Shigella 2a | 1 = yes, 0 = blank |
| 16 | 19 | F16\_SHIG\_2B | N | 8 |  | F | Shigella 2b | 1 = yes, 0 = blank |
| 16 | 20 | F16\_SHIG\_3A | N | 8 |  | F | Shigella 3a | 1 = yes, 0 = blank |
| 16 | 21 | F16\_SHIG\_3B | N | 8 |  | F | Shigella 3b | 1 = yes, 0 = blank |
| 16 | 22 | F16\_SHIG\_3C | N | 8 |  | F | Shigella 3c | 1 = yes, 0 = blank |
| 16 | 23 | F16\_SHIG\_4A | N | 8 |  | F | Shigella 4a | 1 = yes, 0 = blank |
| 16 | 24 | F16\_SHIG\_4B | N | 8 |  | F | Shigella 4b | 1 = yes, 0 = blank |
| 16 | 25 | F16\_SHIG\_4C | N | 8 |  | F | Shigella 4c | 1 = yes, 0 = blank |
| 16 | 26 | F16\_SHIG\_5A | N | 8 |  | F | Shigella 5a | 1 = yes, 0 = blank |
| 16 | 27 | F16\_SHIG\_5B | N | 8 |  | F | Shigella 5b | 1 = yes, 0 = blank |
| 16 | 28 | F16\_SHIG\_6 | N | 8 |  | F | Shigella 6 | 1 = yes, 0 = blank |
| 16 | 29 | F16\_SHIG\_7 | N | 8 |  | F | Shigella 7 | 1 = yes, 0 = blank |
| 16 | 30 | F16\_SHIG\_X | N | 8 |  | F | Shigella X | 1 = yes, 0 = blank |
| 16 | 31 | F16\_SHIG\_Y | N | 8 |  | F | Shigella Y | 1 = yes, 0 = blank |
| 16 | 32 | F16\_SHIG\_NONTYP | N | 8 |  | F | Non-typeable serotype | 1 = yes, 0 = blank |
| 16 | 33 | F16\_SHIG\_DYSENT1 | N | 8 |  | F | Shigella dysenteriae 1 | 0 = no, 1 = yes, 3 = not done |
| 16 | 34 | F16\_VIB\_CHOLERAE | N | 8 |  | F | Vibrio cholerae | 0 = No, 1 = Yes |
| 16 | 35 | F16\_VIB\_01 | N | 8 |  | F | Vibrio cholerae 01 | 1 = yes, 0 = blank |
| 16 | 36 | F16\_VIB\_0139 | N | 8 |  | F | Vibrio cholerae 0139 | 1 = yes, 0 = blank |
| 16 | 37 | F16\_VIB\_NON | N | 8 |  | F | Vibrio cholerae Non01/Non0139 | 1 = yes, 0 = blank |
| 16 | 38 | F16\_VIB\_ELTORCLASS | N | 8 |  | F | ElTor, Classical, Not tested | 1=El Tor, 2=Classical, 3=Not tested |
| 16 | 39 | F16\_VIB\_INABAOGAWA | N | 8 |  | F | inaba, ogawa, not tested | 1=Inaba, 2=Ogawa, 3=Not tested |
| 16 | 40 | F16\_VIB\_PARAHAEM | N | 8 |  | F | Vibrio parahaemolyticus | 0 = No, 1 = Yes |
| 16 | 41 | F16\_VIB\_OTHER | N | 8 |  | F | Vibrio (other species) | 0 = No, 1 = Yes |
| 16 | 42 | F16\_NONEPATHOS | N | 8 |  | F | None of the above pathogens isolated | 0 = No, 1 = Yes |
| 16 | 43 | F16\_ECOLI | N | 8 |  | F | E. coli isolated | 0 = No, 1 = Yes |
| 16 | 44 | F16\_NOGROWTH | N | 8 |  | F | No growth | 0 = No, 1 = Yes |
| 16 | 45 | F16\_TECH\_SIG | N | 8 |  | F | Technician Signature Present |  |
| 16 | 46 | F16\_TECH\_DATE | N | 8 | mmddyy10. | F | Calculated tech date |  |
| 16 | 47 | F16\_QC\_SIG | N | 8 |  | F | Quality Control's Signature Present |  |
| 16 | 48 | F16\_REVIEW\_DATE | N | 8 | mmddyy10. | F | Calculated date reviewed |  |
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| **0CRF 17 *E. coli* Polymerase Chain Reaction** | | | | | | | | |
| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[11]](#footnote-11)** | **Description** | **Codes** |
| 17 | 1 | F17\_DATE | N | 8 | mmddyy10. | F | Calculated date of test |  |
| 17 | 2 | F17\_VERSION | N | 8 |  | F | Form version | Version=2 |
| 17 | 3 | F17\_RESULT\_ESTA | N | 8 |  | F | estA (ST) | 1=Positive, 0=Negative |
| 17 | 4 | F17\_RESULT\_ELTB | N | 8 |  | F | eltB (LT) | 1=Positive, 0=Negative |
| 17 | 5 | F17\_RESULT\_BFPA | N | 8 |  | F | bfpA | 1=Positive, 0=Negative |
| 17 | 6 | F17\_RESULT\_AATA | N | 8 |  | F | aatA | 1=Positive, 0=Negative |
| 17 | 7 | F17\_RESULT\_AAIC | N | 8 |  | F | aaiC | 1=Positive, 0=Negative |
| 17 | 8 | F17\_RESULT\_EAE | N | 8 |  | F | eae | 1=Positive, 0=Negative |
| 17 | 9 | F17\_EPEC\_EAE | N | 8 |  | F | PCR Duplex eae | 0=test not performed  1=test completed |
| 17 | 10 | F17\_EAE\_RESULTS | N | 8 |  | F | PCR Duplex eae | 1=Positive, 0=Negative |
| 17 | 11 | F17\_EPEC\_ST | N | 8 |  | F | PCR Duplex ST | 0=test not performed  1=test completed |
| 17 | 12 | F17\_ST\_RESULTS | N | 8 |  | F | PCR Duplex ST | 1=Positive, 0=Negative |
| 17 | 13 | F17\_EPEC\_BFPA | N | 8 |  | F | bfpA monoplex | 0=test not performed  1=test completed |
| 17 | 14 | F17\_BFPA\_RESULTS | N | 8 |  | F | bfpA monoplex | 1=Positive, 0=Negative |
| 17 | 15 | F17\_TECH\_SIG | N | 8 |  | F | Technician Signature present |  |
| 17 | 16 | F17\_TECH\_DATE | N | 8 | mmddyy10. | F | Calculated technician date |  |
| 17 | 17 | F17\_QC\_SIG | N | 8 |  | F | Quality Control Signature Present |  |
| 17 | 18 | F17\_REVIEW\_DATE | N | 8 | mmddyy10. | F | Calculated date reviewed |  |

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| ***CRF 17A EPEC* Polymerase Chain Reaction** | | | | | | | | |
| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[12]](#footnote-12)** | **Description** | **Codes** |
| 17A | 1 | F17A\_DATE | N | 8 | mmddyy10. | F | Calculated Date of test |  |
| 17A | 2 | F17A\_VERSION | N | 8 |  | F | Form version | Version=2 |
| 17A | 3 | F17A\_STX2 | N | 8 |  | F | Stx-2 | 1=Positive, 0=Negative |
| 17A | 4 | F17A\_SEN | N | 8 |  | F | Sen | 1=Positive, 0=Negative |
| 17A | 5 | F17A\_STX1 | N | 8 |  | F | Stx-1 | 1=Positive, 0=Negative |
| 17A | 6 | F17A\_EFA1 | N | 8 |  | F | Efa-1 | 1=Positive, 0=Negative |
| 17A | 7 | F17A\_TECH\_SIG | N | 8 |  | F | Technician Signature present |  |
| 17A | 8 | F17A\_TECH\_DATE | N | 8 | mmddyy10. | F | Calculated Technician Date |  |
| 17A | 9 | F17A\_QC\_SIG | N | 8 |  | F | Quality Control Signature Present |  |
| 17A | 10 | F17A\_REVIEW\_DATE | N | 8 | mmddyy10. | F | Calculated Date Reviewed |  |

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| **CRF 18 Protozoal & Viral Immunoassays** | | | | | | | | |
| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[13]](#footnote-13)** | **Description** | **Codes** |
| 18 | 1 | F18\_DATE | N | 8 | mmddyy10. | F | Calculated date of test |  |
| 18 | 2 | F18\_VERSION | N | 8 |  | F | Form version | Version=2 |
| 18 | 3 | F18\_COMP\_ENTAMOEBA | N | 8 |  | F | Entamoeba histolytica test completed | 1=yes, 0=blank |
| 18 | 4 | F18\_RES\_ENTAMOEBA | N | 8 |  | F | Entamoeba histolytica result | 1=positive, 0=negative |
| 18 | 5 | F18\_COMP\_GIARDIA | N | 8 |  | F | Giardia lamblia test completed | 1=yes, 0=blank |
| 18 | 6 | F18\_RES\_GIARDIA | N | 8 |  | F | Giardia lamblia result | 1=positive, 0=negative |
| 18 | 7 | F18\_COMP\_CRYPTOSPOR | N | 8 |  | F | Cryptosporidium spp. test completed | 1=yes, 0=blank |
| 18 | 8 | F18\_RES\_CRYPTOSPOR | N | 8 |  | F | Cryptosporidium spp. result | 1=positive, 0=negative |
| 18 | 9 | F18\_TECH\_SIG1 | N | 8 |  | F | Technician signature present 1 |  |
| 18 | 10 | F18\_TECH\_DATE1 | N | 8 | mmddyy10. | F | Calculated technician date 1 |  |
| 18 | 11 | F18\_COMP\_ROTAVIRUS | N | 8 |  | F | Rotavirus test completed | 1=yes, 0=blank |
| 18 | 12 | F18\_RES\_ROTAVIRUS | N | 8 |  | F | Rotavirus result | 1=positive, 0=negative |
| 18 | 13 | F18\_COMP\_ADENOVIRUS | N | 8 |  | F | Adenovirus test completed | 1=yes, 0=blank |
| 18 | 14 | F18\_RES\_ADENOVIRUS | N | 8 |  | F | Adenovirus result | 1=positive, 0=negative |
| 18 | 15 | F18\_COMP\_ADENO4041 | N | 8 |  | F | Adenovirus 40/41 Test Completed | 1=yes, 0=blank |
| 18 | 16 | F18\_RES\_ADENO4041 | N | 8 |  | F | Adenovirus 40/41 Result | 1=positive, 0=negative, 3=NA |
| 18 | 17 | F18\_TECH\_SIG2 | N | 8 |  | F | Technician Signature Present 2 |  |
| 18 | 18 | F18\_TECH\_DATE2 | N | 8 | mmddyy10. | F | Calculated technician date 2 |  |
| 18 | 19 | F18\_HELICO\_TEST | N | 8 |  | F | Helicobacter pylori test completed | 0=not performed  1=test completed |
| 18 | 20 | F18\_HELICO\_RESULT | N | 8 |  | F | Helicobacter pylori result | 1=positive, 0=negative |
| 18 | 21 | F18\_TECH\_SIG3 | N | 8 |  | F | Technician signature present 3 |  |
| 18 | 22 | F18\_TECH\_DATE3 | N | 8 |  | F | Calculated technician date 3 |  |
| 18 | 23 | F18\_CLOST\_TEST | N | 8 |  | F | Clostridium difficile test completed | 1=test completed  0=test not performed |
| 18 | 24 | F18\_CLOSTR\_GDH | N | 8 |  | F | Clostridium difficile GDG Ag | 1=positive, 0=negative |
| 18 | 25 | F18\_CLOSTR\_TOXIN | N | 8 |  | F | Clostridium difficile Toxin A/B | 1=positive 0=negative |
| 18 | 26 | F18\_TECH\_SIG4 | N | 8 |  | F | Technician signature present 4 |  |
| 18 | 27 | F18\_TECH\_DATE4 | N | 8 |  | F | Calculated technician date 4 |  |
| 18 | 28 | F18\_QC\_SIG | N | 8 |  | F | Quality Control's signature present |  |
| 18 | 29 | F18\_REVIEW\_DATE | N | 8 | mmddyy10. | F | Calculated date reviewed |  |

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| **CRF 19 RT-PCR for Viruses** | | | | | | | | |
| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[14]](#footnote-14)** | **Description** | **Codes** |
| 19 | 1 | F19\_DATE | N | 8 | mmddyy10. | F | Calculated date of test |  |
| 19 | 2 | F19\_VERSION | N | 8 |  | F | Form version | Version=2 |
| 19 | 3 | F19\_NORO\_GI | N | 8 |  | F | Norovirus GI (~330 bp) | 1=positive, 0=negative |
| 19 | 4 | F19\_NORO\_GII | N | 8 |  | F | Norovirus GII (~387 bp) | 1=positive, 0=negative |
| 19 | 5 | F19\_SAPO\_VIRUS | N | 8 |  | F | Sapovirus (~434 bp) | 1=positive, 0=negative |
| 19 | 6 | F19\_ASTRO\_VIRUS | N | 8 |  | F | Astrovirus (~719 bp) | 1=positive, 0=negative |
| 19 | 7 | F19\_TECH\_SIG1 | N | 8 |  | F | Technician signature present 1 |  |
| 19 | 8 | F19\_TECH\_DATE1 | N | 8 | mmddyy10. | F | Calculated technician date 1 |  |
| 19 | 9 | F19\_HELMIN\_TEST | N | 8 |  | F | Helminth Real Time PCR | 0=test not performed  1=test completed |
| 19 | 10 | F19\_HELMIN\_ASCARIS | N | 8 |  | F | Ascaris lumbricoides | 1=positive, 0=negative |
| 19 | 11 | F19\_HELMIN\_STRONG | N | 8 |  | F | Strongyloides stercoralis | 1=positive, 0=negative |
| 19 | 12 | F19\_HELMIN\_ANCYL | N | 8 |  | F | Ancylostoma duodenale | 1=positive, 0=negative |
| 19 | 13 | F19\_HELMIN\_NECATOR | N | 8 |  | F | Necator americanus | 1=positive, 0=negative |
| 19 | 14 | F19\_TECH\_SIG2 | N | 8 |  | F | Technician signature present 2 |  |
| 19 | 15 | F19\_TECH\_DATE2 | N | 8 | mmddyy10. | F | Calculated technician date 2 |  |
| 19 | 16 | F19\_BFRAG\_TESTNON | N | 8 |  | F | B. fragilis test completed | 0=test not performed  1=test completed |
| 19 | 17 | F19\_BFRAG\_RESULTS | N | 8 |  | F | B. fragilis results | 1=positive, 0=negative |
| 19 | 18 | F19\_TECH\_SIG3 | N | 8 |  | F | Technician signature present 3 |  |
| 19 | 19 | F19\_TECH\_DATE3 | N | 8 | mmddyy10. | F | Calculated technician date 3 |  |
| 19 | 20 | F19\_QC\_SIG | N | 8 |  | F | Quality Control's Signature Present |  |
| 19 | 21 | F19\_REVIEW\_DATE | N | 8 | mmddyy10. | F | Calculated date reviewed |  |

| **CRF 05 60 Day Follow-up for Cases & Controls** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[15]](#footnote-15)** | **Description** | **Codes** |
| 5 | 1 | F5\_DATE | N | 8 | mmddyy10. | F | Calculated visit date |  |
| 5 | 2 | F5\_VERSION | N | 8 |  | F | Version | Version=2 |
| 5 | 3 | F5\_AGE | N | 8 |  | C | Calculated age in days for deriving z-score |  |
| 5 | 4 | F5\_CASE\_CONTROL | N | 8 |  | F | Case or control child | 1=Case-child  0=Control-child |
| 5 | 5 | F5\_STATUS | N | 8 |  | F | 1. What was the outcome of the follow-up | 1= Conducted  0= Not Conducted |
| 5 | 6 | F5\_NOT\_CONDUCT | N | 8 |  | F | 1. Reason interview not conducted | 1 = Child cannot be found  2 = Caretaker not available  3 = Caretaker refused  4 = Other |
| 5 | 7 | F5\_NOT\_CONDUCT\_SPEC | C | 60 |  | F | 1. Other reason, Specify |  |
| 5 | 8 | F5\_INT\_CODE | C | 8 |  | F | Interviewer's staff code |  |
| 5 | 9 | F5\_QC\_CODE | C | 8 |  | F | Quality control's staff code |  |
| 5 | 10 | F5\_QC\_DATE | N | 8 | mmddyy10. | F | Calculated QC Date |  |
| 5 | 11 | F5\_RELATION | N | 8 |  | F | 2. Relationship to child | 1 = Mother  2 = Father  3 = Sister  4 = Brother  5 = Grandmother  6 = Grandfather  7 = Aunt  8 = Uncle  9 = No relation  10 = Other relation by blood |
| 5 | 12 | F5\_RELATION\_SPEC | C | 60 |  | F | 2. Other relation, specify |  |
| 5 | 13 | F5\_CHILD\_HEALTH | N | 8 |  | F | 3. How is the child's health | 1=Appears healthy  2=Health improved but not back to normal  3=No better/unchanged  4=Health has deteriorated  5=Died |
| 5 | 14 | F5\_DATE\_DEATH | N | 8 | mmddyy10. | F | 3a. Calculated date of death |  |
| 5 | 15 | F5\_PLACE\_DEATH | N | 8 |  | F | 3b. Place of death | 1 = Health facility  2 = Home or elsewhere |
| 5 | 16 | F5\_DIED\_FACILITY | N | 8 |  | F | 3c. Health facility code |  |
| 5 | 17 | F5\_FACILITY\_SPEC | C | 60 |  | F | 3c. Heath facility name |  |
| 5 | 18 | F5\_EXP\_DRH | N | 8 |  | F | 4. Diarrhea | 0=no, 1=yes |
| 5 | 19 | F5\_EXP\_DRH\_VISIT | N | 8 |  | F | 4. Health facility for diarrhea | 0=no, 1=yes |
| 5 | 20 | F5\_EXP\_DYS | N | 8 |  | F | 4. Dysentery | 0=no, 1=yes |
| 5 | 21 | F5\_EXP\_DYS\_VISIT | N | 8 |  | F | 4. Health facility for dysentery | 0=no, 1=yes |
| 5 | 22 | F5\_EXP\_COU | N | 8 |  | F | 4. Cough with difficult breathing | 0=no, 1=yes |
| 5 | 23 | F5\_EXP\_COU\_VISIT | N | 8 |  | F | 4. Health facility for cough | 0=no, 1=yes |
| 5 | 24 | F5\_EXP\_FEVER | N | 8 |  | F | 4. Fever | 0=no, 1=yes |
| 5 | 25 | F5\_EXP\_FEVER\_VISIT | N | 8 |  | F | 4. Health facility for fever | 0=no, 1=yes |
| 5 | 26 | F5\_EXP\_OTHR | N | 8 |  | F | 4. Other illness 1 | 0=no, 1=yes |
| 5 | 27 | F5\_EXP\_OTHR\_VISIT | N | 8 |  | F | 4. Health facility for other 1 | 0=no, 1=yes |
| 5 | 28 | F5\_EXP\_SPEC | C | 60 |  | F | 4. Other illness 1, specify |  |
| 5 | 29 | F5\_EXP\_OTHR2 | N | 8 |  | F | 4. Other illness 2 | 0=no, 1=yes |
| 5 | 30 | F5\_EXP\_OTHR2\_VISIT | N | 8 |  | F | 4. Health facility for other 2 | 0=no, 1=yes |
| 5 | 31 | F5\_EXP\_SPEC2 | C | 60 |  | F | 4. Other illness 2, Specify |  |
| 5 | 32 | F5\_DIAG\_TYP | N | 8 |  | F | 5. Typhoid | 0=no, 1=yes |
| 5 | 33 | F5\_DIAG\_MAL | N | 8 |  | F | 5. Malaria | 0=no, 1=yes |
| 5 | 34 | F5\_DIAG\_PNE | N | 8 |  | F | 5. Pneumonia | 0=no, 1=yes |
| 5 | 35 | F5\_DIAG\_MENG | N | 8 |  | F | 5. Meningitis | 0=no, 1=yes |
| 5 | 36 | F5\_DIAG\_OTHR | N | 8 |  | F | 5. Other diagnosis | 0=no, 1=yes |
| 5 | 37 | F5\_DIAG\_SPEC | C | 60 |  | F | 5. Other diagnosis, Specify |  |
| 5 | 38 | F5\_EXP\_RECTAL | N | 8 |  | F | 6a. Rectal prolapse | 0=no, 1=yes |
| 5 | 39 | F5\_EXP\_CONVUL | N | 8 |  | F | 6b. Convulsions | 0=no, 1=yes |
| 5 | 40 | F5\_EXP\_ARTHRITIS | N | 8 |  | F | 6c. Arthritis | 0=no, 1=yes |
| 5 | 41 | F5\_WT\_CHILD | N | 8 |  | F | 7a. Weight 0-23 months Caretaker + Child |  |
| 5 | 42 | F5\_WT\_CARE | N | 8 |  | F | 7a. Weight 0-23 months Caretaker alone |  |
| 5 | 43 | F5\_WT | N | 8 |  | F | 7a. Weight 24-59 months Child alone |  |
| 5 | 44 | F5\_WEIGHT | N | 8 |  | C | Calculated mean weight | Child's weight |
| 5 | 45 | F5\_WAZ | N | 8 |  | C | Weight-for-age z-score |  |
| 5 | 46 | F5\_WAZ\_F | N | 8 |  | C | Flag for \_ZWEI<-6 or \_ZWEI>5 |  |
| 5 | 47 | F5\_HT1 | N | 8 |  | F | 7b. Height 1st |  |
| 5 | 48 | F5\_HT2 | N | 8 |  | F | 7b. Height 2nd |  |
| 5 | 49 | F5\_HT3 | N | 8 |  | F | 7b. Height 3rd |  |
| 5 | 50 | F5\_HEIGHT | N | 8 |  | C | calculated mean height | Average Height |
| 5 | 51 | F5\_HEIGHT\_MEDIAN | N | 8 |  | C | calculated median height |  |
| 5 | 52 | F5\_HAZ | N | 8 |  | C | Length/height-for-age z-score |  |
| 5 | 53 | F5\_HAZ\_F | N | 8 |  | C | Flag for \_ZLEN<-6 or \_ZLEN>6 |  |
| 5 | 54 | F5\_WHZ | N | 8 |  | C | Weight-for-length/height z-score |  |
| 5 | 55 | F5\_WHZ\_F | N | 8 |  | C | Flag for \_ZWFL<-5 or \_ZWFL>5 |  |
| 5 | 56 | F5\_MED\_HAZ | N | 8 |  | C | Length/height-for-age z-score (median ht) |  |
| 5 | 57 | F5\_MED\_HAZ\_F | N | 8 |  | C | Flag for \_ZLEN<-6 or \_ZLEN>6 (median ht) |  |
| 5 | 58 | F5\_MED\_WHZ | N | 8 |  | C | Weight-for-length/height z-score (median ht) |  |
| 5 | 59 | F5\_MED\_WHZ\_F | N | 8 |  | C | Flag for \_ZWFL<-5 or \_ZWFL>5 (median ht) |  |
| 5 | 60 | F5\_MUAC1 | N | 8 |  | F | 7c. MUAC 1st |  |
| 5 | 61 | F5\_MUAC2 | N | 8 |  | F | 7c. MUAC 2nd |  |
| 5 | 62 | F5\_MUAC3 | N | 8 |  | F | 7c. MUAC 3rd |  |
| 5 | 63 | F5\_MUAC | N | 8 |  | C | Calculated mean MUAC | Average MUAC |
| 5 | 64 | F5\_MUAC\_MEDIAN | N | 8 |  | C | Calculated median MUAC |  |
| 5 | 65 | F5\_MUAC\_AGEZ | N | 8 |  | C | Arm circumference-for-age z score |  |
| 5 | 66 | F5\_MUAC\_AGEZ\_F | N | 8 |  | C | Flag for \_ZAC<-5 or \_ZAC>5 |  |
| 5 | 67 | F5\_MED\_MUAC\_AGEZ | N | 8 |  | C | Arm circumference-for-age z score (median ac) |  |
| 5 | 68 | F5\_MED\_MUAC\_AGEZ\_F | N | 8 |  | C | Flag for \_ZAC<-5 or \_ZAC>5 (median ac) |  |
| 5 | 69 | F5\_BMI | N | 8 |  | C | Calculated BMI=weight / squared(\_CLENHEI) |  |
| 5 | 70 | F5\_BMIZ | N | 8 |  | C | BMI-for-age z-score |  |
| 5 | 71 | F5\_BMIZ\_F | N | 8 |  | C | Flag for \_ZBMI<-5 or \_ZBMI>5 |  |
| 5 | 72 | F5\_MED\_BMI | N | 8 |  | C | Calculated BMI=weight / squared(\_CLENHEI) (median ht) |  |
| 5 | 73 | F5\_MED\_BMIZ | N | 8 |  | C | BMI-for-age z-score (median ht) |  |
| 5 | 74 | F5\_MED\_BMIZ\_F | N | 8 |  | C | Flag for \_ZBMI<-5 or \_ZBMI>5 (median ht) |  |
| 5 | 75 | F5\_TEMP | N | 8 |  | F | 7d. Axillary temperature |  |
| 5 | 76 | F5\_RESP1 | N | 8 |  | F | 7e. Respiratory rate per minute 1st |  |
| 5 | 77 | F5\_RESP2 | N | 8 |  | F | 7e. Respiratory rate per minute 2nd |  |
| 5 | 78 | F5\_RESP | N | 8 |  | C | Calculated respiratory rate | Average Resp |
| 5 | 79 | F5\_RECTAL | N | 8 |  | F | 7f. Rectal prolapse | 0=Absent, 1=Present |
| 5 | 80 | F5\_BIPEDAL | N | 8 |  | F | 7g. Bipedal edema | 0=Absent, 1=Present |
| 5 | 81 | F5\_ABN\_HAIR | N | 8 |  | F | 7h. Abnormal hair | 0=Absent, 1=Present |
| 5 | 82 | F5\_UNDER\_NUTR | N | 8 |  | F | 7i. Undernutrition | 0=Absent, 1=Present |
| 5 | 83 | F5\_SKIN\_FLAKY | N | 8 |  | F | 7j. Skin has 'flaky paint' appearance | 0=Absent, 1=Present |
| 5 | 84 | F5\_MS\_WATER | N | 8 |  | F | 8. Main source of drinking water | 1=Piped into house  2=Piped into yard  3=Public tap  4=Open well in house/yard  5=Open public well  6=Pond or lake  7=Deep tube well  8=Shallow tube well  9=Covered well in house or yard  10=Covered public well  11=Protected spring  12=Unprotected spring  13=River or stream  14=Dam or earth pan  15=Rainwater  16=Bought  17=Bore hole  18=Other |
| 5 | 85 | F5\_MAIN\_SPEC | C | 60 |  | F | 8. Other source, specify |  |
| 5 | 86 | F5\_MAIN\_CONT | N | 8 |  | F | 8a. Observed containers in use in house | 0=no, 1=yes |
| 5 | 87 | F5\_MAIN\_TYPE | N | 8 |  | F | 8b. Type of container observed | 1 = Wide-mouth container  2 = Narrow-mouth container  3 = Mixture  4 = Other |
| 5 | 88 | F5\_MAIN\_TYPE\_SPEC | C | 60 |  | F | 8b. Other type of container, specify |  |
| 5 | 89 | F5\_MAIN\_CONTAINCOV | N | 8 |  | F | 8c. Containers covered | 0=No  1=Yes  2=Mixed (covered and uncovered) |
| 5 | 90 | F5\_WATER\_POUR | N | 8 |  | F | 8d. Pour | 0=Blank, 1=Yes |
| 5 | 91 | F5\_WATER\_CUP | N | 8 |  | F | 8d. Scoop with cup | 0=Blank, 1=Yes |
| 5 | 92 | F5\_WATER\_LADLE | N | 8 |  | F | 8d. Scoop with ladle | 0=Blank, 1=Yes |
| 5 | 93 | F5\_TREAT\_WATER | N | 8 |  | F | 9. Drinking water usually treated | 0=no, 1=yes |
| 5 | 94 | F5\_TRT\_METH | N | 8 |  | F | 10. Most used treatment method | 1=Leave water in sun  2=Boiled  3=Filter through a cloth  4=Ceramic/other filter  5=Chlorine  6=Alum  7=Other chemical  8=Other method |
| 5 | 95 | F5\_TRTOBS\_SUN | N | 8 |  | F | 10. Sun materials observed | 0=no, 1=yes |
| 5 | 96 | F5\_TRTOBS\_BOIL | N | 8 |  | F | 10. Boil observed | 0=no, 1=yes |
| 5 | 97 | F5\_TRTOBS\_FILTER | N | 8 |  | F | 10. Filter cloth observed | 0=no, 1=yes |
| 5 | 98 | F5\_TRTOBS\_CRMC | N | 8 |  | F | 10. Ceramic filter observed | 0=no, 1=yes |
| 5 | 99 | F5\_TRTOBS\_CHLR | N | 8 |  | F | 10. Chlorine observed | 0=no, 1=yes |
| 5 | 100 | F5\_TRTOBS\_ALUM | N | 8 |  | F | 10. Alum observed | 0=no, 1=yes |
| 5 | 101 | F5\_TRT\_SPEC | C | 60 |  | F | 10. Other chemical, specify |  |
| 5 | 102 | F5\_TRTOBS\_CHEM | N | 8 |  | F | 10. Other chemical observed | 0=no, 1=yes |
| 5 | 103 | F5\_TRT\_SPEC2 | C | 60 |  | F | 10. Other method, specify |  |
| 5 | 104 | F5\_TRTOBS\_OTHR | N | 8 |  | F | 10. Other method observed | 0=no, 1=yes |
| 5 | 105 | F5\_CHLR\_WATER | N | 8 |  | F | 10a. Chlorine test result | 1=Positive  0=Negative  3=Refused Test  4=No water in container |
| 5 | 106 | F5\_BRD\_CERTEZA | N | 8 |  | F | 10b. Certeza | 0=Blank, 1=Yes |
| 5 | 107 | F5\_BRD\_AQUATAB | N | 8 |  | F | 10b. Aquatabs | 0=Blank, 1=Yes |
| 5 | 108 | F5\_BRD\_AQUAGU | N | 8 |  | F | 10b. AquaGuard | 0=Blank, 1=Yes |
| 5 | 109 | F5\_BRD\_WTRGUARD | N | 8 |  | F | 10b. WaterGuard | 0=Blank, 1=Yes |
| 5 | 110 | F5\_BRD\_WTRMAKE | N | 8 |  | F | 10b. Watermaker | 0=Blank, 1=Yes |
| 5 | 111 | F5\_BRD\_PUR | N | 8 |  | F | 10b. PuR | 0=Blank, 1=Yes |
| 5 | 112 | F5\_BRD\_UNKNOWN | N | 8 |  | F | 10b. Brand unknown | 0=Blank, 1=Yes |
| 5 | 113 | F5\_BRD\_NA | N | 8 |  | F | 10b. Not applicable (none observed) | 0=Blank, 1=Yes |
| 5 | 114 | F5\_BRD\_OTHER | N | 8 |  | F | 10b. Other brand | 0=Blank, 1=Yes |
| 5 | 115 | F5\_BRD\_OTHER\_SPEC | C | 60 |  | F | 10b. Other brand, specify |  |
| 5 | 116 | F5\_WASH\_WHERE | N | 8 |  | F | 11. Usually wash your hands where | 1=In or near dwelling/yard  2=Another place |
| 5 | 117 | F5\_WASH\_PIPED | N | 8 |  | F | 12. Piped water source | 0=no, 1=yes |
| 5 | 118 | F5\_WASH\_NOPTAP | N | 8 |  | F | 12. Non-piped water source without tap | 0=no, 1=yes |
| 5 | 119 | F5\_WASH\_TAP | N | 8 |  | F | 12. Non-piped water source with tap | 0=no, 1=yes |
| 5 | 120 | F5\_WASH\_MUD | N | 8 |  | F | 12. Mud | 0=no, 1=yes |
| 5 | 121 | F5\_WASH\_BASIN | N | 8 |  | F | 12. Basin | 0=no, 1=yes |
| 5 | 122 | F5\_WASH\_SOAP | N | 8 |  | F | 12. Soap | 0=no, 1=yes |
| 5 | 123 | F5\_WASH\_ASH | N | 8 |  | F | 12. Ash | 0=no, 1=yes |
| 5 | 124 | F5\_WASH\_CLAY | N | 8 |  | F | 12. Clay | 0=no, 1=yes |
| 5 | 125 | F5\_CHILD\_FECES | N | 8 |  | F | 13. Disposal method of child's feces | 1=Flush toilet  2=VIP latrine  3=Traditional pit toilet  4= VIP with water seal  5= Pour flush toilet  6= Bust/field/ground/stream/open sewer  7= Other |
| 5 | 126 | F5\_CHILD\_FECES\_SPEC | C | 60 |  | F | 13. Other place, specify |  |
| 5 | 127 | F5\_FECES\_VISIBLE | N | 8 |  | F | 14a. Visible feces in defecation area | 0=no, 1=yes |
| 5 | 128 | F5\_FECES\_ELSE | N | 8 |  | F | 14b. Feces elsewhere in house or yard | 0=no, 1=yes |
| 5 | 129 | F5\_HOUSE\_FECES | N | 8 |  | F | 15. Usual disposal facility | 1=Flush toilet  2=VIP latrine  3=Traditional pit toilet  4= VIP with water seal  5= Pour flush toilet  6= Bust/field/ground/stream/open sewer  7=Other |
| 5 | 130 | F5\_HOUSE\_FECES\_SPEC | C | 60 |  | F | 15. Other facility, specify |  |
| 5 | 131 | F5\_INT\_CODE2 | C | 8 |  | F | Interviewer's staff code |  |
| 5 | 132 | F5\_QC\_CODE2 | C | 8 |  | F | Quality control's staff code |  |
| 5 | 133 | F5\_QC\_DATE2 | N | 8 | mmddyy10. | F | Calculated QC Date |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CRF 09 Memory Aid Score Sheet** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
| F | # | **Variable** | **Type** | **Len** | **Format** | **FRC[[16]](#footnote-16)** | **Description** | **Codes** |
| 9 | 1 | F9\_DATE | N | 8 | mmddyy10. | F | Calculated visit date |  |
| 9 | 2 | F9\_VERSION | N | 8 |  | F | Form Version | Version=2 |
| 9 | 3 | F9\_MEMORY\_AID | N | 8 |  | F | 1. Was the Memory Aid completed | 0=No,1=Yes, 2=Partial |
| 9 | 4 | F9\_DRH\_FIRST | N | 8 |  | F | 2. First day the child had diarrhea |  |
| 9 | 5 | F9\_DRH\_LAST | N | 8 |  | F | 2. Last day the child had diarrhea |  |
| 9 | 6 | F9\_INT\_CODE | C | 8 |  | F | Interviewer's Staff Code |  |
| 9 | 7 | F9\_QC\_CODE | C | 8 |  | F | Quality Control's staff code |  |
| 9 | 8 | F9\_QC\_DATE | N | 8 | mmddyy10. | F | Calculated QC Date |  |

1. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-1)
2. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-2)
3. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-3)
4. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-4)
5. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-5)
6. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-6)
7. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-7)
8. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-8)
9. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-9)
10. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-10)
11. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-11)
12. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-12)
13. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-13)
14. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-14)
15. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-15)
16. F = Variable is on the form, R = variable has been recoded, C = variable is a calculated variable [↑](#footnote-ref-16)