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## Appendix SUR XIII

### Flat File Export Format

The Flat File Export creates an ASCII text file that merges data from the Client, RVCT, Follow-Up 1, and Follow-Up 2 tables into a record format. Comments, Client Data (except name), and User Defined Data are not exported. Each record is comprised of three lines of data. Line 1 has a fixed length of 252. Line 2 has a fixed length 201 of characters. Line 3 has a fixed record length of 94. The following tables describe the three-line record format that is used.

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#### Data Line 1

Line	Column Position	Width	Database	Field Name	Q No.	Description
1	1-4	4	RVCT	SOUNDEX	---	Soundex Code based on Patient's Last Name
1	5-6	2	RVCT	STATE	Q 1	Reporting Area
1	7-15	9	RVCT	STCASENO	Q 2a	State Case Number
1	16-24	9	RVCT	LOCASENO	Q 2b	City/County Case Number
1	25-32	8	RVCT	DATESUBM	Q 3	Date Submitted (MMDDYYYY)
1	33-53	21	RVCT	CITY	Q 4a	Address for Case Counting: City
1	54-54	1	RVCT	CITYLIMITS	Q 4b	Address for Case Counting: Within City Limits?
1	55-75	21	RVCT	COUNTY	Q 4c	Address for Case Counting: County
1	76-80	5	RVCT	ZIPCODE	Q 4d	Address for Case Counting: Zip Code
1	81-84	4	RVCT	ZIPSUFFIX	Q 4e	Address for Case Counting: Zip Code Suffix
1	85-92	8	RVCT	MMWRDATE	CV*	NETSS Data: MMWR Reporting Date (MMDDYYYY)
1	93-98	6	RVCT	REPORTDATE	Q 5	Month-Year Reported (MMYYYY)
1	99-106	8	----	----	---	Date RVCT was Last Updated (YYYYMMDD). Value is read at time of export and is not stored in TIMS.
1	107-112	6	RVCT	COUNTDATE	Q 6	Month-Year Counted (MMYYYY)
1	113-120	8	RVCT	BIRTHDATE	Q 7	Date of Birth (MMDDYYYY)
1	121-121	1	RVCT	SEX	Q 8	Sex

**Data Line 1**

Line	Column Position	Width	Database	Field Name	Q No.	Description
1	122-122	1	RVCT	RACE	---	Race (Created prior to TIMS 1.2; inactive field in TIMS 1.2)
1	123-123	1	RVCT	ASIANRACE	---	Race: Asian or Pacific Islander (Created prior to TIMS 1.2; inactive field in TIMS 1.2)
1	124-124	1	RVCT	ETHNIC	Q 9	Ethnicity
1	125-125	1	RVCT	USCITIZEN	Q 11a	Country of Origin: If U.S., check here
1	126-127	2	RVCT	NATION	Q 11b	Country of Origin: If Not U.S., enter Country Code
1	128-129	2	RVCT	MMWRWEEK	CV*	NETSS Data: MMWR Reporting Week
1	130-135	6	RVCT	DATEENTEREDUS	Q 12	Month-Year Arrived in U.S. (MMYYYY)
1	136-136	1	RVCT	DIAGSTATUS	Q 13	Status at Diagnosis of TB
1	137-137	1	RVCT	PREVTB	Q 14a	Previous Diagnosis of TB
1	138-141	4	RVCT	PREVYEAR	Q 14b	Previous Diagnosis of TB: If Yes, list Year of Previous Diagnosis
1	142-142	1	RVCT	PREVAGAIN	Q 14c	Previous Diagnosis of TB: If More than One Previous Episode, check here
1	143-144	2	RVCT	MAJORSITE	Q 15a	Major Site of Disease
1	145-146	2	RVCT	MAJOROTHER	Q 15b	Major Site of Disease: If Site is 'Other,' enter Anatomic Code
1	147-170	24	RVCT	ADDLSITE	Q 16a	Additional Site of Disease
1	171-172	2	RVCT	ADDLOTHER	Q 16b	Additional Site of Disease: If Site is 'Other', enter Anatomic Code
1	173-173	1	RVCT	ADDLMORE	Q 16c	Additional Site of Disease: If More than One Additional Site check here
1	174-174	1	RVCT	SPSMEAR	Q 17	Sputum Smear
1	175-175	1	RVCT	SPCULTURE	Q 18	Sputum Culture
1	176-176	1	RVCT	MICROEXAM	Q 19a	Microscopic Exam of Tissue and Other Bodily Fluids
1	177-178	2	RVCT	MICROANAT1	Q 19b	Microscopic Exam of Tissue and Other Bodily Fluids: Anatomic Code 1
1	179-180	2	RVCT	MICROANAT2	Q 19c	Microscopic Exam of Tissue and Other Bodily Fluids: Anatomic Code 2
1	181-181	1	RVCT	CULTOTHER	Q 20a	Culture of Tissue and Other Bodily Fluids
1	182-183	2	RVCT	CULTANAT1	Q 20b	Culture of Tissue and Other Bodily Fluids: Anatomic Code 1
1	184-185	2	RVCT	CULTANAT2	Q 20c	Culture of Tissue and Other Bodily Fluids: Anatomic Code 2
1	186-186	1	RVCT	XRAY	Q 21a	Chest X-ray

**Data Line 1**

Line	Column Position	Width	Database	Field Name	Q No.	Description
1	187-187	1	RVCT	ABNORMALITY	Q 21b	Chest X-ray: if Abnormal, Cavitary Status
1	188-188	1	RVCT	XRAYSTATUS	Q 21c	Chest X-ray: if Abnormal, Condition Status
1	189-189	1	RVCT	TBTEST	Q 22a	Tuberculin (Mantoux) Skin Test at Diagnosis
1	190-191	2	RVCT	INDURATION	Q 22b	Tuberculin (Mantoux) Skin Test at Diagnosis: Millimeters of Induration
1	192-192	1	RVCT	ANERGY	Q 22c	Tuberculin (Mantoux) Skin Test at Diagnosis: If Negative, was Patient Anergic?
1	193-193	1	RVCT	HIVSTATUS	Q 23a	HIV Status
1	194-194	1	RVCT	HIVBASIS	Q 23b	HIV Status: If Positive, based on
1	195-201	7	RVCT	HIVCDCNBR	Q 23c	CDC AIDS Patient Number
1	202-211	10	RVCT	HIVSTANBR	Q 23d	State HIV/AIDS Patient Number
1	212-221	10	RVCT	HIVLOCNBR	Q 23e	City/County HIV/AIDS Patient Number
1	222-222	1	RVCT	HOMELESS	Q 24	Homeless Within Past Year?
1	223-223	1	RVCT	CORRECTION	Q 25a	Resident of Correctional Facility at Time of Diagnosis?
1	224-224	1	RVCT	CORFACILITY	Q 25b	If Yes, Type of Correctional Facility
1	225-225	1	RVCT	LONGTERM	Q 26a	Resident of Long-Term Care Facility at Time of Diagnosis?
1	226-226	1	RVCT	LONGTERMFACILITY	Q 26b	If Yes, Type of Long-Term Care Facility
1	227-227	1	RVCT	INITINH	Q 27a	Initial Regimen: Isoniazid
1	228-228	1	RVCT	INITRIF	Q 27b	Initial Regimen: Rifampin
1	229-229	1	RVCT	INITPZA	Q 27c	Initial Regimen: Pyrazinamide
1	230-230	1	RVCT	INITEMB	Q 27d	Initial Regimen: Ethambutol
1	231-231	1	RVCT	INITSM	Q 27e	Initial Regimen: Streptomycin
1	232-232	1	RVCT	INITETH	Q 27f	Initial Regimen: Ethionamide
1	233-233	1	RVCT	INITKAN	Q 27g	Initial Regimen: Kanamycin
1	234-234	1	RVCT	INITCYC	Q 27h	Initial Regimen: Cycloserine
1	235-235	1	RVCT	INITCAP	Q 27i	Initial Regimen: Capreomycin
1	236-236	1	RVCT	INITPAS	Q 27j	Initial Regimen: Para-Amino Salicylic Acid
1	237-237	1	RVCT	INITAM	Q 27k	Initial Regimen: Amikacin

**Data Line 1**

Line	Column Position	Width	Database	Field Name	Q No.	Description
1	238-238	1	RVCT	INITRIB	Q 27l	Initial Regimen: Rifabutine
1	239-239	1	RVCT	INITCIP	Q 27m	Initial Regimen: Ciprofloxacin
1	240-240	1	RVCT	INITOFL	Q 27n	Initial Regimen: Ofloxacin
1	241-241	1	RVCT	INITOTH	Q 27o	Initial Regimen: Other
1	242-249	8	RVCT	RXDATE	Q 28	Date Therapy Started (MMDDYYYY)
1	250-250	1	RVCT	INJECT	Q 29	Injecting Drug Use Within Past Year
1	251-251	1	RVCT	NONINJECT	Q 30	Non-injecting Drug Use Within Past Year
1	252-252	1	RVCT	ALCOHOL	Q 31	Excess Alcohol Use Within Past Year

\*CV: Items marked CV in the Q. No. column are from the Case Verification window.

**Data Line 2**

Line	Column Position	Width	Database	Field Name	Q No.	Description
2	1-1	1	RVCT	OCCHCW	Q 32a	Occupation: Health Care Worker
2	2-2	1	RVCT	OCCCORR	Q 32b	Occupation: Correctional Employee
2	3-3	1	RVCT	OCCMIG	Q 32c	Occupation: Migratory Agricultural Worker
2	4-4	1	RVCT	OCCOTHER	Q 32d	Occupation: Other Occupation
2	5-5	1	RVCT	OCCNOT	Q 32e	Occupation: Not Employed Within Past 24 Months
2	6-6	1	RVCT	OCCUNK	Q 32f	Occupation: Unknown
2	7-21	15	CLIENT	FIRSTNAME	---	Client's First Name
2	22-36	15	CLIENT	LASTNAME	---	Client's Last Name
2	37-37	1	CLIENT	MIDDLENAME	---	Character 1 of Clients Middle Name
2	38-38	1	RVCT	VERCOUNT	CV*	Do you want to Count this Patient at CDC as a Verified Case of TB?

**Data Line 2**

Line	Column Position	Width	Database	Field Name	Q No.	Description
2	39-39	1	RVCT	VERCRIT	----	Calculated Variable: Case Verification Assignment (internal)
2	40-42	3	RVCT	AGEATREPT	---	Calculated Variable: Age At Report Date
2	43-44	2	RVCT	AGEGROUP	---	Calculated Variable: Assigned 5-Year Age Group
2	45-45	1	RVCT	RACEETHNIC	---	Calculated Variable: Race/Ethnicity (Inactive field based on Race entered prior to TIMS 1.2)
2	46-46	1	RVCT	INITDRC	---	Calculated Variable: Initial Drug Regimen
2	47-52	6	RVCT	NETSSCASENO	---	NETSS Data: NETSS Case ID
2	53-54	2	RVCT	RVCTID	---	Site ID: Characters 3 and 4 of RVCTID
2	55-57	3	RVCT	KEYCODE	---	Work Station ID: Characters 3 through 5 of KEYCODE (used for converted SURVS-TB records only.)
2	58-58	1	FOLLOW1	ISUSCTEST	Q 33a	Was Initial Drug Susceptibility Testing Done?
2	59-66	8	FOLLOW1	ISUSDATE	Q 33b	Initial Susceptibility: First Isolate Collected (MMDDYYYY)
2	67-67	1	FOLLOW1	ISUSCINH	Q 34a	Initial Susceptibility: Isoniazid
2	68-68	1	FOLLOW1	ISUSCRIF	Q 34b	Initial Susceptibility: Rifampin
2	69-69	1	FOLLOW1	ISUSCPZA	Q 34c	Initial Susceptibility: Pyrazinamide
2	70-70	1	FOLLOW1	ISUSCEMB	Q 34d	Initial Susceptibility: Ethambutol
2	71-71	1	FOLLOW1	ISUSCSM	Q 34e	Initial Susceptibility: Streptomycin
2	72-72	1	FOLLOW1	ISUSCETH	Q 34f	Initial Susceptibility: Ethionamide
2	73-73	1	FOLLOW1	ISUSCKAN	Q 34g	Initial Susceptibility: Kanamycin
2	74-74	1	FOLLOW1	ISUSCCYC	Q 34h	Initial Susceptibility: Cycloserine
2	75-75	1	FOLLOW1	ISUSCCAP	Q 34i	Initial Susceptibility: Capreomycin
2	76-76	1	FOLLOW1	ISUSCPAS	Q 34j	Initial Susceptibility: Para-Amino Salicylic Acid
2	77-77	1	FOLLOW1	ISUSCAM	Q 34k	Initial Susceptibility: Amikacin
2	78-78	1	FOLLOW1	ISUSCRIB	Q 34l	Initial Susceptibility: Rifabutine
2	79-79	1	FOLLOW1	ISUSCCIP	Q 34m	Initial Susceptibility: Ciprofloxacin
2	80-80	1	FOLLOW1	ISUSCOFL	Q 34n	Initial Susceptibility: Ofloxacin

**Data Line 2**

Line	Column Position	Width	Database	Field Name	Q No.	Description
2	81-81	1	FOLLOW1	ISUSCOTH	Q 34o	Initial Susceptibility: Other
2	82-82	1	FOLLOW2	CONVERT	Q 35a	Sputum Culture Conversion Documented
2	83-90	8	FOLLOW2	CPOSDATE	Q 35b	Date Specimen Collected on Initial Positive Sputum Culture (MMDDYYYY)
2	91-98	8	FOLLOW2	CNEGDATE	Q 35c	Date Specimen Collected on First Consistently Negative Culture (MMDDYYYY)
2	99-106	8	FOLLOW2	STOPTHER	Q 36	Date Therapy Stopped (MMDDYYYY)
2	107-107	1	FOLLOW2	STOPREAS	Q 37	Reason Therapy Stopped
2	108-108	1	FOLLOW2	PROVTYPE	Q 38	Type of Health Care Provider
2	109-109	1	FOLLOW2	DIRTHER	Q 39a	Directly Observed Therapy
2	110-110	1	FOLLOW2	DIRSITE	Q 39b	Site of Directly Observed Therapy
2	111-113	3	FOLLOW2	DIRWEEKS	Q 39c	Number of Weeks of Directly Observed Therapy
2	114-114	1	FOLLOW2	FSUSTEST	Q 40a	Final Drug Susceptibility Results. Was Follow-Up Drug Susceptibility Testing Done?
2	115-122	8	FOLLOW2	FSUSCDATE	Q 40b	Date Final Isolate Collected for which Drug Susceptibility was Done (MMDDYYYY)
2	123-123	1	FOLLOW2	FSUSCINH	Q 41a	Final Susceptibility: Isoniazid
2	124-124	1	FOLLOW2	FSUSCRIF	Q 41b	Final Susceptibility: Rifampin
2	125-125	1	FOLLOW2	FSUSCPZA	Q 41c	Final Susceptibility: Pyrazinamide
2	126-126	1	FOLLOW2	FSUSCEMB	Q 41d	Final Susceptibility: Ethambutol
2	127-127	1	FOLLOW2	FSUSCSM	Q 41e	Final Susceptibility: Streptomycin
2	128-128	1	FOLLOW2	FSUSCETH	Q 41f	Final Susceptibility: Ethionamide
2	129-129	1	FOLLOW2	FSUSCKAN	Q 41g	Final Susceptibility: Kanamycin
2	130-130	1	FOLLOW2	FSUSCCYC	Q 41h	Final Susceptibility: Cycloserine
2	131-131	1	FOLLOW2	FSUSCCAP	Q 41i	Final Susceptibility: Capreomycin
2	132-132	1	FOLLOW2	FSUSCPAS	Q 41j	Final Susceptibility: Para-Amino Salicylic Acid
2	133-133	1	FOLLOW2	FSUSCAM	Q 41k	Final Susceptibility: Amikacin
2	134-134	1	FOLLOW2	FSUSCRIB	Q 41l	Final Susceptibility: Rifabutine

**Data Line 2**

Line	Column Position	Width	Database	Field Name	Q No.	Description
2	135-135	1	FOLLOW2	FSUSCCIP	Q 41m	Final Susceptibility: Ciprofloxacin
2	136-136	1	FOLLOW2	FSUSCOFL	Q 41n	Final Susceptibility: Ofloxacin
2	137-137	1	FOLLOW2	FSUSCOTH	Q 41o	Final Susceptibility: Other
2	138-140	3	CLIENT	COUNTRYORIGIN	Q11b	Country of Origin: FIPS Code
2	141-163	23	NATION	NATIONNAME	Q11b	Country of Origin: Foreign Country Name
2	164-165	2	RVCT	STATE	Q1	Reporting Area
2	166-168	3	COUNTY	COUNTYKEY	Q4c	Address for Case Counting: County FIPS Code
2	169-169	1	RVCT	RECTYPE	---	If this Record is Deleted 'D', otherwise ''
2	170-185	16	RVCT	KEYCODE	---	Internal SURVS-TB identifier for this Record. Used for converted SURVS-TB records only.
2	186-201	16	RVCT	RVCTID	---	Internal TIMS identifier for this Record.
2	202-208	7	RVCT	RVCT VERSION	---	TIMS software version RVCT record last modified under.
2	209-215	7	RVCT	RVCT VERCREAT	---	TIMS software version RVCT record originally created under.
2	216-222	7	FOLLOW1	F1 VERSION	---	TIMS software version Followup1 record last modified under.
2	223-229	7	FOLLOW1	F1 VERCREAT	---	TIMS software version Followup1 record originally created under.
2	230-236	7	FOLLOW2	F2 VERSION	---	TIMS software version Followup2 record last modified under.
2	237-243	7	FOLLOW2	F2 VERCREAT	---	TIMS software version Followup2 record originally created under.
2	244-244	1	RVCT	AMIND	Q 10a	Race: American Indian or Alaska Native
2	245-245	1	RVCT	ASIAN	Q 10b	Race: Asian
2	246-246	1	RVCT	BLACK	Q 10c	Race: Black
2	247-247	1	RVCT	NAHAW	Q 10d	Race: Native Hawaiian or Pacific Islander
2	248-248	1	RVCT	WHITE	Q 10e	Race: White
2	249-249	1	RVCT	UNKRACE	Q 10f	Race: Unknown
2	250-250	1	RVCT	RACECALC	Q 10	Race Group

\*CV: Items marked CV in the Q. No. column are from the Case Verification window.

**Data Line 3**

Line	Column Position	Width	Database	Field Name	Q No.	Description
3	1-6	1	RVCT	ASIANEXT	Q 10	Race: Extended Asian (Optional) HL7 Code
3	7-12	1	RVCT	NAHAWEXT	Q 10	Race: Extended Pacific Islander (Optional) HL7 Code
3	13-53	1	RACE	ASIANNNAME	Q 10	Race: Asian Extended Name
3	54-94	1	RACE	NAHAWNAME	Q 10	Race: Native Hawaiian Extended Name

\*CV: Items marked CV in the Q. No. column are from the Case Verification window.