A. CSSCD Forms (collection) and Datasets (Storage) Relating to Events:

Form #	Name of Form	Collected	Patient Population	SAS Dataset
53	Comprehensive Special Event Form for Patients Entered at < 6 Months of Age	01/01/87-09/30/88	Patients Entered at < 6 Months of Age	**R53.SD2**

B. Definition of Events Covered on Form:

- Acute Febrile Event:

  Elevation of temperature greater than 38.3 degrees centigrade orally or 38.9 degrees rectally which is documented by medical personnel. [also see Section 7.7]

- Acute Chest Event:

  A new pulmonary infiltrate which is demonstrable on a chest x-ray or by an isotope scan of the lung; includes pleuritic chest pain, with or without dyspnea, in the absence of a pulmonary infiltrate on chest x-ray if perfusion lung scan indicates a lesion. [also see Section 7.2]

- Osteomyelitis:

  Identification of an etiologic agent by culture in one or more bones. [also see Section 7.1, 7.7]

- Septic Arthritis:

  Bacterial infection of a joint usually accompanied by joint swelling with pain or effusion. [also see Section 7.1, 7.7]

- Meningitis:

  Inflammation of meninges caused by an infectious agent, as demonstrated by lumbar puncture abnormalities and culture. [also see Section 7.5, 7.7]

- Bacteremia (Sepsis):

  Positive blood culture. [also see Section 7.7]

- Urinary Tract Infection:

  A. > 20 WBC/HPF in an uncontaminated clear catch urine specimen, <u>OR</u>

  B. Urine culture resulting in bacterial growth of more that 100,000 colonies/ml. [also see Section 8.1]

- Other Infection:

Any other infection not defined above which may or may not be accompanied by fever (e.g., URI, viral syndrome, otitis, pharyngitis). [also see Section 7.7, 9.3]

- Painful Episode:

Pain in the extremities, back, abdomen, chest, or head for which no other explanation can be found and which is not classified as one of the other special events with the following restrictions:

1. The pain shall have lasted for at least two hours.
2. If the patient is old enough, he/she should state that the pain is of the type usually associated with crisis (irritability in a young child accompanied by pain on palpation shall be considered appropriate evidence). [also see Section 7.1]

- Right Upper Quadrant Event:

Any two of the following:

1. Pain only in the right upper quadrant of the abdomen.
2. A twofold increase in total bilirubin over baseline.
3. A two cm increase in liver size over baseline.
4. A twofold increase in SGOT over baseline.

[also see Section 7.3]

- Hand-Foot Syndrome:

Pain and tenderness, with or without swelling, in the hands and/or feet in an individual in the pediatric age group (age < 10). [also see Section 7.4]

- Seizures:

Major or minor motor seizures or psychomotor seizures (transient electrical abnormality of a localized area of the brain resulting in involuntary movements, altered perception, or altered state of consciousness) which are not secondary to central nervous system infection, tumor, or stroke. [also see Section 7.5]

- Cerebrovascular Accident:

Acute neurologic syndrome secondary to occlusion of an artery or hemorrhage with resultant ischemic and neurologic symptoms and signs. [see also Section 7.5]

- Acute Anemic Event:

A reduction in hemoglobin or hematocrit of a least 30%, not caused by blood loss or a transfusion reaction; a sudden fall in hemoglobin/hematocrit occurring in conjunction with an acutely enlarged spleen is considered a splenic sequestration crisis. [also see Section 7.6]

- Acute Priapism:

A painful erection of the penis lasting more than one hour. [also see Section 7.8]

7.9.0: Comprehensive Special Event Form For Patients Entered at < 6 Months of Age – Form 53

A. List of variables deleted   **F53DATE F53INIT F53NDATE F53LASTU F53LASTE F53ESTAT F53VDATE F53DFC F53FCB F53FEVD F53CHSTD F53OSTED F53MENID F53BACTD F53UTID F53OINFD F53PAIND F53RUQD F53HFD F53SEIZD F53CVAD F53AAED F53PRIAD F53TXBFD F53CHTXD F53ADMD F53DISD F53ANTID F53PNED1-F53PNED3 F53FLUD F53XRAYD F53CBLDD F53CTHRD F53CRSAD F53CURND F53CBNED F53CJNTD F53CSFD F53COTHD F53TIT1D F53TIT2D F53TIT3D F53CHOLM F53CHOLY F53HCVAD F53HTIAD F53HMEND F53HSHTD F53HSEQD F53CBCDT F53OENDT**

B. List of variables modified   **NONE**

C. List of variables modified with a name change   **NONE**

D.   Old name

E.   New name

F. List of variables modified date to days since DOE

G.   Old name   **F53DATE F53FEVD F53CHSTD F53OSTED F53MENID F53BACTD F53UTID F53OINFD F53PAIND F53RUQD F53HFD F53SEIZD F53CVAD F53AAED F53PRIAD F53TXBFD F53CHTXD F53ADMD F53DISD F53ANTID F53XRAYD F53CBLDD F53CTHRD F53CRSAD F53CURND F53CBNED F53CJNTD F53CSFD F53COTHD F53HCVAD F53HTIAD F53HMEND F53HSHTD F53HSEQD**

H.   New name   **JF53DATE JF53FEVD J53CHSTD J53OSTED J53MENID J53BACTD JF53UTID J53OINFD J53PAIND JF53RUQD JF53HFD J53SEIZD JF53CVAD JF53AAED J53PRIAD J53TXBFD J53CHTXD JF53ADMD JF53DISD J53ANTID J53XRAYD J53CBLDD J53CTHRD J53CRSAD J53CURND J53CBNED J53CJNTD JF53CSFD J53COTHD J53HCVAD J53HTIAD J53HMEND J53HSHTD J53HSEQD**

I. Collection Information:

   Form 53 was used between 01/87 and 10/88 for collection of data for all acute events occurring in patients entered at < 6 months of age. The acute events covered on this form are painful episode, acute chest syndrome, right upper quadrant syndrome, skeletal and joint event (osteomyelitis/septic arthritis), hand-foot syndrome, seizure, meningitis, CVA, acute anemia, acute febrile illness/sepsis, and priapism. The first page of the form is used to identify the reason(s) for completing

the form. The reason(s) (event(s) which occurred) determine which of the 8 sections of the form are to be completed. The eight sections are:

    I.   General History and Treatment

    II.   Infection

    III.   Right Upper Quadrant (RUQ)

    IV.   Hand-Foot

    V.   Seizures

    VI.   Cerebrovascular Accident (CVA)

    VII.   Acute Anemic Event

    VIII. Acute Priapism

J. Data Collection Period: 01/87 – 09/88

K. Form Version Dates: 11/20/86

L. Files Used to Store Information:

SAS System File: **R53.SD2**

Format File: **R53.FMT**

M. Unique Record Identifiers: **ANONID**, **F53DATE**

Records within the dataset are sorted by **ANONID** and **F53DATE**.

N. Number of Observations (Patients) in SAS Dataset: 881 (292)

O. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See pp. 872-878
- Listing of Variables by Position: See pp. 879-885

P. Notes About Selected Variables:

Section: Reason form completed

- **F53FEV**, **F53CHST**, **F53OSTE**, **F53MENI**, **F53BACT**, **F53UTI**, **F53OINF**, **F53PAIN**, **F53RUQ**, **F53HF**, **F53SEIZ**, **F53CVA**, **F53AAE**, **F53PRIA** – are the variable names for events (reasons form completed) which occurred. At least one of these variables should have a value of "2" (yes). A missing value or a

value of "1" for any of these reason (event) variables means the event did not occur.

Section: Infection

- **F53FMEN**, **F53FEAR**, **F53FTHR**, **F53FURT**, **F53FLNG**, **F53FGIT**, **F53FBLD**, **F53FBONE**, **F53FJNT**, **F53FUT**, **F53FUNK**, **F53OTH** – are the variable names for focus of infection. At least one of the focus variables should have a value of "2" (yes). A missing value or a value of "1" for any of these focus variables is equivalent to a <u>no</u> response.

- **F53CBNEO** – is the variable name for organism cultured in bone. The field length for this variable was inappropriately defined on the Record 53 codebook schema as 3 digits instead of 4. As a result, 4-digit organism codes cannot be entered.

- **F53DXMNB**, **F53DXMNV**, **F53DXCER**, **F53DXOTI**, **F53DXSTR**, **F53DXURI**, **F53DXINF**, **F53DXEMB**, **F53DXGAS**, **F53DXUTI**, **F53DXOST**, **F53DXPYA**, **F53DXBAC**, **F53DXVIR**, **F53DXFEB**, **F53DXOTH** – are variable names for final diagnosis in the infections section. At least one of the diagnosis variables should have a value of "2" (yes). A missing value or a value of "1" for any of these variables is equivalent to a <u>no</u> response. Responses (or non-responses) to these variables should be consistent with the "reason form completed" responses and "focus of infection" responses.

Section: Seizures

- **F53DXSZ1-12** – are variable names for etiology of seizures. At least one of these variables should have a value of "2" (yes). A missing value or a value of "1" for any of these variables is equivalent to a <u>no</u> response.

Q. <u>Computed Variables</u>: None

R. <u>Inter-Relationship With Other Datasets</u>:

Prior to January 1987, data for acute events occurring in the infant cohort were collected on the forms listed below. In order to get an accurate count, chronological sequencing, and dates of occurrence of a given event type during the course of the study, information from the appropriate record(s) listed must be retrieved in addition to the information for the corresponding event in "Record 53" and sorted by date of event.

7.9.0: Comprehensive Special Event Form For Patients Entered at < 6 Months of Age – Form 53

Forms (Datasets) Used Prior to January 1987

"Record 53" Event	Form #	SAS Dataset	Time Period During Which Form Was Used	Special Note or Restriction	See Section
Fever	48	**R48.SD2**	03/79-02/86		7.7
	90	**R90.SD2**	02/86-01/87	Non-sepsis febrile events	7.7, 9.3
Acute Chest	32	**R32.SD2**	03/79-07/85 07/85-01/87	All non-SS patients & SS patients < 6 years of age	7.2
	32E	**R43.SD2**	07/85-01/87	SS patients > 6 years of age	7.2
	--	**R63.SD2**	------------	Includes summary information for all ACS events reported during Phase 1	7.2
Osteomyelitis/ Septic Arthritis	36	**R36.SD2**	03/79-01/87		7.1
Meningitis	42	**R42.SD2**	03/79-01/87		7.5
Bacteremia	48	**R48.SD2**	03/79-02/86		7.7
	48E	**R58.SD2**	02/86-01/87	Includes summary information for all bacteremia events reported during Phase 1	7.7
Urinary Tract Infection	62	**R62.SD2**	03/79-09/88	Concurrent collection* if febrile	8.1
	48	**R48.SD2**	03/79-02/86		7.7
Other Infection	48	**R48.SD2**	03/79-2/86	If febrile	7.7
	90	**R90.SD2**	03/79-02/86	If non-febrile	9.3
			02/86-01/87	Febrile or non-febrile if blood culture negative	9.3
Pain	30	**R30.SD2**	03/79-05/82		7.1
	54	**R61.SD2**	05/82-01/87	Includes summary information for all painful episodes reported during Phase 1	7.1
Right Upper Quadrant	34	**R34.SD2**	03/79-01/87		7.3

* Form 62 was to be completed in addition to Form 53 if event was UTI.

"Record 53" Event	Form #	SAS Dataset	Time Period During Which Form Was Used	Special Note or Restriction	See Section

Hand-Foot	38	**R38.SD2**	03/79-01/87	7.4
Seizures	40	**R40.SD2**	03/79-01/87	7.5

Forms (Datasets) Used Prior to January 1987

CVA	44	**R44.SD2**	03/79-01/87	7.5
Acute Anemia	46	**R46.SD2**	03/79-01/87	7.6
Acute Priapism	50	**R50.SD2**	03/79-09/85	7.8
	50E	**R80.SD2**	09/85-01/87	7.8

Refer to section indicated for event of interest for more details and inter-relationship with additional datasets.

CONTENTS OF SAS DATASET: R53.SD2
DATA FROM CSSCD FORM 53 - COMPREHENSIVE SPECIAL EVENT FORM
FOR PATIENTS ENTERED AT < 6 MONTHS OF AGE
VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION
IN THE SAS DATASET AND ON FORM 53
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Data Set Name	OUT1.R53	Observations	881
Member Type	DATA	Variables	243
Engine	V9	Indexes	0
Created	16:52 Thursday, January 25, 2007	Observation Length	1928
Last Modified	16:52 Thursday, January 25, 2007	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	113
First Data Page	3
Max Obs per Page	8
Obs in First Data Page	8
Number of Data Set Repairs	0
File Name	r53.sas7bdat
Release Created	9.0000M0
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
14	F53AAE	Num	8	ACUTE ANEMIC EVENT
21	F53ADMIT	Num	8	WAS PATIENT ADMITTED FOR EVENT
121	F53ALKPH	Num	8	ALKALINE PHOSPHATASE
122	F53AMYL	Num	8	SERUM AMYLASE
190	F53ANTG1	Char	4	ANTIGEN 1
191	F53ANTG2	Char	4	ANTIGEN 2
192	F53ANTG3	Char	4	ANTIGEN 3
193	F53ANTG4	Char	4	ANTIGEN 4
24	F53ANTIP	Num	8	WAS PROPHYLACTIC ANTIBIOTIC PRESCRIBED
33	F53ANTIR	Num	8	DID PT RECEIVE PROPHYLACTIC ANTIBIOTIC
165	F53ART	Num	8	ARTERIOGRAM RESULTS
6	F53BACT	Num	8	BACTEREMIA
117	F53BILID	Num	8	DIRECT BILIRUBIN
118	F53BILII	Num	8	INDIRECT BILIRUBIN
116	F53BILIT	Num	8	TOTAL BILIRUBIN
166	F53BRSCN	Num	8	BRAIN SCAN RESULTS

187	F53C3	Num	8	ANTI-C3
164	F53CATS	Num	8	CAT SCAN RESULTS
178	F53CBCHB	Num	8	HEMOGLOBIN
179	F53CBCHC	Num	8	HEMATOCRIT
180	F53CBCMV	Num	8	MCV
65	F53CBLD	Num	8	BLOOD CULTURE RESULTS
66	F53CBLDO	Num	8	BLOOD CULTURE ORGANISM CODE
73	F53CBNE	Num	8	BONE ASPIRATE RESULTS
74	F53CBNEO	Num	8	BONE ASPIRATE ORGANISM
137	F53CHOL	Num	8	WAS CHOLECYSTECTOMY PERFORMED

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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
17	F53CHRTX	Num	8	IS PATIENT CURRENTLY ON CHRONIC TX
3	F53CHST	Num	8	ACUTE CHEST EVENT
75	F53CJNT	Num	8	JOINT ASPIRATE RESULTS
76	F53CJNTO	Num	8	JOINT ASPIRATE ORGANISM CODE
185	F53CMBD	Num	8	DIRECT COOMBS TEST
188	F53CMBI	Num	8	INDIRECT COOMBS TEST
114	F53COMP	Num	8	COMPLICATIONS FROM INFECTION
79	F53COTH	Num	8	OTHER CULTURE RESULTS
80	F53COTHO	Num	8	OTHER CULTURE ORGANISM
69	F53CRSA	Num	8	RAPID STREP ASSAY
70	F53CRSAO	Num	8	RAPID STREP ASSAY ORGANISM
77	F53CSF	Num	8	SPINAL FLUID CULTURE
78	F53CSFO	Num	8	SPINAL FLUID CULTURE ORGANISM
67	F53CTHR	Num	8	THROAT CULTURE RESULTS
68	F53CTHRO	Num	8	THROAT CULTURE ORGANISM CODE
71	F53CURN	Num	8	URINE CULTURE RESULTS
72	F53CURNO	Num	8	URINE CULTURE ORGANISM CODE
13	F53CVA	Num	8	CEREBROVASCULAR ACCIDENT
60	F53CXRAY	Num	8	CHEST X-RAY DONE
22	F53DHOSP	Num	8	NO. OF DAYS HOSPITALIZED
195	F53DXAAE	Num	8	ACUTE ANEMIC EVENT SECTION FINAL DX
107	F53DXBAC	Num	8	FINAL DIAGNOSIS IS BACTEREMIA
96	F53DXCER	Num	8	FINAL DIAGNOSIS IS CEREBRITIS
168	F53DXCVA	Num	8	CVA SECTION FINAL DIAGNOSIS
102	F53DXEMB	Num	8	FINAL DIAGNOSIS IS PULMONARY EMBOLISM
109	F53DXFEB	Num	8	FINAL DIAGNOSIS IS FEVER,UNKNOWN ORIGIN
103	F53DXGAS	Num	8	FINAL DIAGNOSIS IS GASTROENTERITIS
101	F53DXINF	Num	8	FINAL DIAGNOSIS IS PULMONARY INFARCT
94	F53DXMNB	Num	8	FINAL DIAGNOSIS IS BACTERIAL MENINGITIS
95	F53DXMNV	Num	8	FINAL DIAGNOSIS IS VIRAL MENINGITIS
105	F53DXOST	Num	8	FINAL DIAGNOSIS IS OSTEOMYELITIS
111	F53DXOT1	Num	8	ICDA CODE FOR INFECTION DIAGNOSIS 1
112	F53DXOT2	Num	8	ICDA CODE FOR INFECTION DIAGNOSIS 2
113	F53DXOT3	Num	8	ICDA CODE FOR INFECTION DIAGNOSIS 3
110	F53DXOTH	Num	8	FINAL DIAGNOSIS IS OTHER INFECTION
97	F53DXOTI	Num	8	FINAL DIAGNOSIS IS OTITIS
100	F53DXPNE	Num	8	FINAL DIAGNOSIS IS PNEUMONIA
106	F53DXPYA	Num	8	FINAL DIAGNOSIS IS PYOARTHRITIS
139	F53DXRUQ	Num	8	RUQ SECTION FINAL DIAGNOSIS
153	F53DXS10	Num	8	BRAIN TUMOR
154	F53DXS11	Num	8	SEQUELLA OF MENINGITIS
155	F53DXS12	Num	8	OTHER REASON FOR SEIZURE
98	F53DXSTR	Num	8	FINAL DIAGNOSIS IS STREP THROAT
144	F53DXSZ1	Num	8	BIRTH ANOXIA
145	F53DXSZ2	Num	8	SEQUELLA OF HEAD INJURY
146	F53DXSZ3	Num	8	CVA

147	F53DXSZ4	Num	8	LEAD INTOXICATION
148	F53DXSZ5	Num	8	BENIGN FEBRILE SEIZURE
149	F53DXSZ6	Num	8	IDIOPATHIC EPILEPSY-NEWLY DIAGNOSED
150	F53DXSZ7	Num	8	KNOWN IDIOPATHIC EPILEPSY-DISCONT. MEDS
151	F53DXSZ8	Num	8	KNOWN IDIOPATHIC EPILEPSY-MEDS INADEQ.
152	F53DXSZ9	Num	8	METABOLIC DISORDER

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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
99	F53DXURI	Num	8	FINAL DIAGNOSIS IS URI
104	F53DXUTI	Num	8	FINAL DIAGNOSIS IS UTI
108	F53DXVIR	Num	8	FINAL DIAGNOSIS IS VIRAL SYNDROME
83	F53ENTER	Num	8	VIRAL SEROLOGY - ENTEROVIRUS
198	F53ERECD	Num	8	ERECTION DURATION (HRS) BEF. PRESENT.
48	F53FBLD	Num	8	FOCUS IS BLOOD
49	F53FBONE	Num	8	FOCUS IS BONE
43	F53FEAR	Num	8	FOCUS IS EAR
2	F53FEV	Num	8	ACUTE FEBRILE EVENT
47	F53FGIT	Num	8	FOCUS IS GASTROINTESTINAL TRACT
52	F53FJNT	Num	8	FOCUS IS JOINT
46	F53FLNG	Num	8	FOCUS IS LUNGS
42	F53FMEN	Num	8	FOCUS IS MENINGES OR BRAIN
59	F53FOTH	Num	8	FOCUS IS OTHER
44	F53FTHR	Num	8	FOCUS IS THROAT
58	F53FUNK	Num	8	FOCUS IS UNKNOWN
45	F53FURT	Num	8	FOCUS IS UPPER RESPIRATORY TRACT
57	F53FUT	Num	8	FOCUS IS UNRINARY TRACT
136	F53GSOC	Num	8	GS PRESENT ON ORAL CHOLECYSTOGRAM
134	F53GSPLF	Num	8	GALL STONES PRESENT ON PLAIN FILM
135	F53GSULT	Num	8	GALL STONES PRESENT ON ULTRASOUND
173	F53HAPC	Num	8	HISTORY OF APLASTIC CRISIS
175	F53HAPCD	Num	8	DATE OF MOST RECENT APLASTIC CRISIS
174	F53HAPCN	Num	8	NUMBER OF PREVIOUS APLASTIC CRISES
156	F53HCVA	Num	8	PRIOR HISTORY OF CVA
157	F53HCVAN	Num	8	NUMBER OF PREVIOUS CVAS
130	F53HEP	Num	8	HEPATITIS SECONDARY TO INFECTION
131	F53HEPM1	Num	8	HEPATITIS METHOD 1
132	F53HEPM2	Num	8	HEPATITIS METHOD 2
133	F53HEPM3	Num	8	HEPATITIS METHOD 3
11	F53HF	Num	8	HAND-FOOT EVENT
141	F53HFDUR	Num	8	DURATION OF HAND-FOOT SYNDROME
39	F53HFLU	Num	8	DID PATIENT RECEIVE H. FLU VACCINE
140	F53HFSIT	Num	8	SITE OF HAND-FOOT SWELLING
160	F53HMEN	Num	8	HISTORY OF MENINGITIS
161	F53HMENN	Num	8	NUMBER OF PREVIOUS MENINGITIS EVENTS
171	F53HSEQ	Num	8	HISTORY OF SPLENIC SEQUESTRATION
172	F53HSEQN	Num	8	NUMBER PREVIOUS SPLENIC SEQUESTRATIONS
162	F53HSHT	Num	8	HISTORY OF SEVERE HEAD TRAUMA
163	F53HSHTN	Num	8	NUMBER OF SEVERE HEAD INJURIES
158	F53HTIA	Num	8	PRIOR HISTORY OF TIA
159	F53HTIAN	Num	8	NUMBER OF PREVIOUS TIAS
186	F53IGG	Num	8	ANTI-IGG
62	F53INFIL	Num	8	INFILTRATE ON CHEST X-RAY
53	F53JNT1	Num	8	JOINT SITE CODE 1
55	F53JNT2	Num	8	JOINT SITE CODE 2

54	F53JNT1E	Num	8	EFFUSION AT JOINT SITE 1
56	F53JNT2E	Num	8	EFFUSION AT JOINT SITE 2
138	F53LIVBX	Num	8	LIVER BIOPSY
5	F53MENI	Num	8	MENINGITIS
167	F53MRI	Num	8	MRI RESULTS
169	F53NERV1	Num	8	CVA-NERVE 1

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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
170	F53NERV2	Num	8	CVA-NERVE 2
143	F53NEUR	Num	8	RESULTS OF PRIOR NEUROLOGIC EXAM
183	F53NRBC	Num	8	NUCLEATED RBCS
8	F53OINF	Num	8	OTHER INFECTION
4	F53OSTE	Num	8	OSTEOMYELITIS-SEPTIC ARTHRITIS
27	F53OTH1	Num	8	OTHER ANTIBIOTIC PRESCRIBED
30	F53OTH2	Num	8	OTHER ANTIBIOTIC PRESCRIBED
28	F53OTH1C	Num	8	CODE OF OTHER ANTIBIOTIC
29	F53OTH1D	Num	8	DOSAGE OF OTHER ANTIBIOTIC
31	F53OTH2C	Num	8	CODE OF OTHER ANTIBIOTIC
32	F53OTH2D	Num	8	DOSAGE OF OTHER ANTIBIOTIC
64	F53OTHAB	Num	8	OTHER CHEST X-RAY ABNORMALITY
35	F53OTHR	Num	8	DID PATIENT RECEIVE OTHER ANTIBIOTIC
36	F53OTHR1	Num	8	CODE OF ANTIBIOTIC RECEIVED
37	F53OTHR2	Num	8	CODE OF ANTIBIOTIC RECEIVED
84	F53OTHV	Num	8	VIRAL SEROLOGY - OTHER
9	F53PAIN	Num	8	PAINFUL EPISODE
81	F53PARV	Num	8	VIRAL SEROLOGY - PARVOVIRUS
184	F53PARVO	Num	8	PARVOVIRUS
19	F53PCTA	Num	8	PERCENT HB A
20	F53PCTS	Num	8	PERCENT HB S
25	F53PEN	Num	8	PENICILLIN PRESCRIBED
26	F53PEND	Num	8	PENICILLIN DOSE
205	F53PENDV	Num	8	PENIS DEVIATION OF SHAFT
200	F53PENF	Num	8	PENIS FIRM
202	F53PENFI	Num	8	PENIS FIBROSIS
208	F53PENFL	Num	8	WAS PENIS FLACCID WHEN TREATMENT STOPPED
203	F53PENPH	Num	8	PENIS PHIMOSIS
199	F53PENPN	Num	8	PENIS PAINFUL TO PALPATION
34	F53PENR	Num	8	DID PATIENT RECEIVE PENICILLIN
201	F53PENS	Num	8	PENIS SEMI-FLACCID
206	F53PENSC	Num	8	WAS TC99M PENILE SCAN DONE
207	F53PENSR	Num	8	WAS PENIS SURGERY PERFORMED
204	F53PENW	Num	8	PENIS WOODLIKE CONSISTENCY
182	F53PLATE	Num	8	PLATELET COUNT
63	F53PLEFF	Num	8	PLEURAL EFFUSION ON CHEST X-RAY
38	F53PNEU	Num	8	DID PATIENT RECEIVE PNEUMOVAX
15	F53PRIA	Num	8	PRIAPISM
197	F53PRIAN	Num	8	NUMBER OF PREVIOUS PRIAPISM EPISODES
196	F53PRIBF	Num	8	PREVIOUS EPISODES OF PRIAPISM
209	F53PRIDR	Num	8	DURATION OF PRIAPISM IN DAYS
18	F53REAS	Num	8	REASON FOR CHRONIC TRANSFUSION
82	F53RESP	Num	8	VIRAL SEROLOGY - RESPIRATORY VIRUS
181	F53RETIC	Num	8	RETICULOCYTE COUNT
10	F53RUQ	Num	8	RIGHT UPPER QUADRANT EVENT
12	F53SEIZ	Num	8	SEIZURES

142	F53SEIZT	Num	8	TYPE OF SEIZURE
123	F53SERTI	Num	8	SEROLOGIC TITERS DONE
86	F53SFGLU	Num	8	SPINAL FLUID GLUCOSE
93	F53SFGM	Num	8	SPINAL FLUID GRAM STAIN RESULTS
91	F53SFLYM	Num	8	SPINAL FLUID LYMPHS
92	F53SFMON	Num	8	SPINAL FLUID MONOS

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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
85	F53SFOP	Num	8	SPINAL FLUID OPENING PRESSURE
90	F53SFPMN	Num	8	SPINAL FLUID POLYS
87	F53SFPRO	Num	8	SPINAL FLUID PROTEIN
89	F53SFRBC	Num	8	SPINAL FLUID RBC
88	F53SFWBC	Num	8	SPINAL FLUID WBC
119	F53SGOT	Num	8	SGOT
120	F53SGPT	Num	8	SGPT
50	F53SITE1	Num	8	BONE SITE CODE 1
51	F53SITE2	Num	8	BONE SITE CODE 2
189	F53SPANT	Num	8	ANTIBODY TO RED CELL ANTIGEN IDENTIFIED
194	F53SPLN	Num	8	PATIENT SPLENECTOMIZED
176	F53SPLP	Num	8	WAS SPLEEN PALPABLE
177	F53SPLTP	Num	8	SPLEEN SIZE BELOW LCM
115	F53SURG	Num	8	WAS SURGERY PERFORMED
40	F53TEMP	Num	8	TEMPERATURE
41	F53TEMPH	Num	8	HOW WAS TEMPERATURE TAKEN
125	F53TIT1R	Num	8	SEROLOGIC TITER 1 RESULT
124	F53TIT1T	Num	8	SEROLOGIC TITER 1
127	F53TIT2R	Num	8	SEROLOGIC TITER 2 RESULT
126	F53TIT2T	Num	8	SEROLOGIC TITER 2
129	F53TIT3R	Num	8	SEROLOGIC TITER 3 RESULT
128	F53TIT3T	Num	8	SEROLOGIC TITER 3
16	F53TXBEF	Num	8	WAS PATIENT TRANSFUSED WITHIN 4 MOS
23	F53TXDUR	Num	8	WAS PATIENT TRANSFUSED DURING TREATMENT
7	F53UTI	Num	8	URINARY TRACT INFECTION
61	F53XRAYR	Num	8	CHEST X-RAY RESULTS
229	J53ANTID	Num	8	DATE PROPHYLACTIC ANTIBIOTIAC PRESCRIBED - RECODE DAYS SINCE DOE
215	J53BACTD	Num	8	DATE OF BACTEREMIA - RECODE DAYS SINCE DOE
231	J53CBLDD	Num	8	BLOOD CULTURE DATE - RECODE DAYS SINCE DOE
235	J53CBNED	Num	8	BONE ASPIRATE DATE - RECODE DAYS SINCE DOE
212	J53CHSTD	Num	8	DATE OF ACUTE CHEST EVENT - RECODE DAYS SINCE DOE
226	J53CHTXD	Num	8	DATE CHRONIC TX PROGRAM STARTED - RECODE DAYS SINCE DOE
236	J53CJNTD	Num	8	JOINT ASPIRATE DATE - RECODE DAYS SINCE DOE
238	J53COTHD	Num	8	OTHER CULTURE DATE - RECODE DAYS SINCE DOE
233	J53CRSAD	Num	8	RAPID STREP ASSAY DATE - RECODE DAYS SINCE DOE
232	J53CTHRD	Num	8	DATE OF THROAT CULTURE - RECODE DAYS SINCE DOE
234	J53CURND	Num	8	URINE CULTURE DATE - RECODE DAYS SINCE DOE
239	J53HCVAD	Num	8	DATE OF MOST RECENT CVA - RECODE DAYS SINCE DOE
241	J53HMEND	Num	8	DATE OF MOST RECENT MENINGITIS EVENT - RECODE DAYS SINCE DOE
243	J53HSEQD	Num	8	DATE MOST RECENT SPLENIC SEQUESTRATION - RECODE DAYS SINCE DOE
242	J53HSHTD	Num	8	DATE OF MOST RECENT HEAD INJURY - RECODE DAYS SINCE DOE

240	J53HTIAD	Num	8	DATE OF MOST RECENT TIA - RECODE DAYS SINCE DOE
214	J53MENID	Num	8	DATE OF MENINGITIS - RECODE DAYS SINCE DOE
217	J53OINFD	Num	8	DATE OF OTHER INFECTION - RECODE DAYS SINCE DOE
213	J53OSTED	Num	8	DATE OF OSTEOMYELITIS-SEPTIC ARTHRITIS - RECODE DAYS SINCE DOE
218	J53PAIND	Num	8	DATE OF PAINFUL EPISODE - RECODE DAYS SINCE DOE
224	J53PRIAD	Num	8	DATE OF PRIAPISM - RECODE DAYS SINCE DOE
221	J53SEIZD	Num	8	DATE OF SEIZURES - RECODE DAYS SINCE DOE
225	J53TXBFD	Num	8	DATE OF LAST TRANSFUSION - RECODE DAYS SINCE DOE
230	J53XRAYD	Num	8	CHEST X-RAY DATE - RECODE DAYS SINCE DOE
223	JF53AAED	Num	8	DATE OF ACUTE ANEMIC EVENT - RECODE DAYS SINCE DOE
227	JF53ADMD	Num	8	HOSPITAL ADMISSION DATE - RECODE DAYS SINCE DOE
237	JF53CSFD	Num	8	SPINAL FLUID CULTURE DATE - RECODE DAYS SINCE DOE
222	JF53CVAD	Num	8	DATE OF CEREBROVASCULAR ACCIDENT - RECODE DAYS SINCE DOE
210	JF53DATE	Num	8	DATE PATIENT FIRST SOUGHT CARE - RECODE DAYS SINCE DOE
228	JF53DISD	Num	8	HOSPITAL DISCHARGE DATE - RECODE DAYS SINCE DOE
211	JF53FEVD	Num	8	DATE OF ACUTE FEBRILE EVENT - RECODE DAYS SINCE DOE
220	JF53HFD	Num	8	DATE OF HAND-FOOT EVENT - RECODE DAYS SINCE DOE
219	JF53RUQD	Num	8	DATE OF RIGHT UPPER QUADRANT EVENT - RECODE DAYS SINCE DOE
216	JF53UTID	Num	8	DATE OF URINARY TRACT INFECTION - RECODE DAYS SINCE DOE

```
*************************************************************************
*****
* R53.FMT contains value labels for numerical codes assigned to
categorical*
* variables in the SAS dataset R53.SD2
*
*********************************W*************************************
*****;


* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD     03/05/99 15:56:17;


PROC FORMAT;


*  FORMAT RESPONSE used for the following variables: F53FEV F53CHST
F53OSTE
                           F53MENI F53BACT F53UTI F53OINF F53PAIN F53RUQ
F53HF F53SEIZ
                           F53CVA F53AAE F53PRIA F53DXSZ1 F53DXSZ2
F53DXSZ3 F53DXSZ4 F53DXSZ5
                           F53DXSZ6 F53DXSZ7 F53DXSZ8 F53DXSZ9 F53DXS10
F53DXS11 F53DXS12;

   VALUE RESPONSE
      2                = 'YES';


*  FORMAT NO_YES used for the following variables: F53TXBEF F53CHRTX
F53ADMIT
                           F53TXDUR F53ANTIP F53ANTIR F53PNEU F53HFLU
F53JNT1E F53JNT2E
                           F53INFIL F53PLEFF F53OTHAB F53SURG F53HEP F53LIVBX
F53HCVA
                           F53HTIA F53HMEN F53HSHT F53HSEQ F53HAPC F53SPANT
F53SPLN
                           F53PRIBF F53PENPN F53PENF F53PENS F53PENFI
F53PENPH F53PENW
                           F53PENDV F53PENSC F53PENSR F53PENFL F53PEN F53OTH1
F53OTH2 F53PENR
                           F53OTHR F53FMEN F53FEAR F53FTHR F53FURT F53FLNG
F53FGIT F53FBLD
                           F53FBONE F53FJNT F53FUT F53FUNK F53FOTH F53DXMNB
F53DXMNV F53DXCER
                           F53DXOTI F53DXSTR F53DXURI F53DXPNE F53DXINF
F53DXEMB F53DXGAS
                           F53DXUTI F53DXOST F53DXPYA F53DXBAC F53DXVIR
F53DXFEB F53DXOTH ;

   VALUE NO_YES
      1                = 'NO'
      2                = 'YES';
```

```
VALUE F53REAS
   30             = 'PAIN'
   32             = 'ACUTE CHEST'
   34             = 'RUQ'
   36             = 'SKELETAL & JOINT'
   38             = 'HAND-FOOT SYNDROME'
   40             = 'SEIZURES'
   42             = 'MENINGITIS'
   44             = 'CVA'
   46             = 'SPLENIC SEQUEST.'
   48             = 'FEVER OR SEPSIS'
   50             = 'PRIAPISM'
   60             = 'LEG ULCERS'
   62             = 'RENAL COMPLICATIONS'
   64             = 'ASEPTIC NECROSIS'
   66             = 'OCULAR COMPLICATIONS'
   82             = 'PREGNANCY'
   83             = 'SURGERY'
   91             = 'OTHER';


VALUE F53PEND
   1              = '125 MG BID'
   2              = '250 MG BID'
   3              = 'OTHER DOSAGE';


VALUE F53TEMPH
   1              = 'ORAL'
   2              = 'RECTAL'
   3              = 'AXILLARY';


VALUE F53CXRAY
   1              = 'DONE'
   2              = 'NOT DONE';


VALUE F53XRAYR
   1              = 'NORMAL'
   2              = 'ABNORMAL';


*  FORMAT RESULT used for the following variables: F53CBLD F53CTHR
F53CRSA
                   F53CURN F53CBNE F53CJNT F53CSF F53COTH;

VALUE RESULT
   1              = 'NOT DONE'
   2              = 'DONE, NEGATIVE'
   3              = 'DONE, POSITIVE'
   4              = 'CONTAMINATED';
```

```
*  FORMAT NEG_POS used for the following variables: F53PARV F53RESP
F53ENTER
                           F53OTHV F53PARVO F53CMBD F53IGG F53C3 F53CMBI;


   VALUE NEG_POS
     1                = 'NEGATIVE'
     2                = 'POSITIVE'
     3                = 'NOT DONE';



   VALUE F53SFGM
     1                = 'NO ORGANISM SEEN'
     2                = 'GRAM + ORGANISM'
     3                = 'GRAM - ORGANISM'
     4                = 'OTHER ORGANISM';



   VALUE F53COMP
     1                = 'SEIZURES 1'
     2                = 'INAPPROPRIATE ADH 2'
     4                = 'VIII NERVE INJURY 4'
     8                = 'DIC 8'
     16               = 'HYPOXIA 16'
     32               = 'DEATH 32'
     64               = 'OTHER COMPLICATION 64'
     128              = 'NO COMPLICATIONS 128';



   VALUE F53SERTI
     1                = 'NOT DONE'
     2                = 'DONE';



*  FORMAT RADIOL used for the following variables: F53GSPLF F53GSULT
F53GSOC;

   VALUE RADIOL
     1                = 'NO'
     2                = 'YES'
     3                = 'EQUIVOCAL'
     4                = 'NOT DONE';



   VALUE F53CHOL
     1                = 'NO'
     2                = 'YES, IN PAST'
     3                = 'YES, NOW';



   VALUE F53DXRUQ
     1                = 'CHOLECYS-NO STONES 1'
     2                = 'CHOLECYS-STONES 2'
     4                = 'PANCREATITIS 4'
     8                = 'HEPATITIS A 8'
```

```
        16                   = 'HEPATITIS B 16'
        32                   = 'HEPATITIS-CYTOMEG. 32'
        64                   = 'HEPATITIS-EPSTEIN 64'
        128                  = 'HEPATITIS-OTHER 128'
        256                  = 'CHOLANGITIS 256'
        512                  = 'OTHER RUQ DIAGNOSIS 512';


   VALUE F53HFSIT
        1                    = 'R. HAND 1'
        2                    = 'L. HAND 2'
        4                    = 'R. FOOT 4'
        8                    = 'L. FOOT 8';


   VALUE F53SEIZT
        1                    = 'MAJOR MOTOR,NONFOCAL 1'
        2                    = 'MAJOR MOTOR,FOCAL 2'
        4                    = 'PETIT MAL 4'
        8                    = 'OTHER 8';


   VALUE F53NEUR
        1                    = 'NOT KNOWN'
        2                    = 'NORMAL'
        3                    = 'ABNORMAL';


*  FORMAT IMAGE used for the following variables: F53CATS F53ART
F53BRSCN F53MRI;

   VALUE IMAGE
        1                    = 'NOT DONE'
        2                    = 'DONE-NORMAL'
        3                    = 'DONE-ABNORMAL'
        4                    = 'DONE-ABNORMAL,RECD';


   VALUE F53DXCVA
        1                    = 'CEREBRAL VESSEL OCCL. 1'
        2                    = 'TIA 2'
        4                    = 'SUBARACHNOID HEM. 4'
        8                    = 'OTHER HEMORRHAGE 8';


   VALUE F53SPLP
        1                    = 'NO'
        2                    = 'YES'
        3                    = 'NA';


   VALUE F53DXAAE
        1                    = 'APLASTIC CRISIS 1'
        2                    = 'SEQUESTRATION 2'
```

```
         4                   = 'AAE, NATURE UNCLEAR 4'
         8                   = 'OTHER AAE 8';


*   FORMAT
           F53FEV F53CHST F53OSTE F53MENI F53BACT
           F53UTI F53OINF F53PAIN F53RUQ F53HF F53SEIZ
           F53CVA F53AAE F53PRIA F53DXSZ1 F53DXSZ2
           F53DXSZ3 F53DXSZ4 F53DXSZ5 F53DXSZ6 F53DXSZ7
           F53DXSZ8 F53DXSZ9 F53DXS10 F53DXS11 F53DXS12 RESPONSE.
           F53TXBEF F53CHRTX F53ADMIT
           F53TXDUR F53ANTIP F53ANTIR F53PNEU F53HFLU F53JNT1E F53JNT2E
           F53INFIL F53PLEFF F53OTHAB F53SURG F53HEP F53LIVBX F53HCVA
           F53HTIA F53HMEN F53HSHT F53HSEQ F53HAPC F53SPANT F53SPLN
           F53PRIBF F53PENPN F53PENF F53PENS F53PENFI F53PENPH F53PENW
           F53PENDV F53PENSC F53PENSR F53PENFL F53PEN F53OTH1 F53OTH2
F53PENR
           F53OTHR F53FMEN F53FEAR F53FTHR F53FURT F53FLNG F53FGIT
F53FBLD
           F53FBONE F53FJNT F53FUT F53FUNK F53FOTH F53DXMNB F53DXMNV
F53DXCER
           F53DXOTI F53DXSTR F53DXURI F53DXPNE F53DXINF F53DXEMB
F53DXGAS
           F53DXUTI F53DXOST F53DXPYA F53DXBAC F53DXVIR F53DXFEB
F53DXOTH NO_YES.
           F53REAS F53REAS.
           F53PEND F53PEND.
           F53TEMPH F53TEMPH.
           F53CXRAY F53CXRAY.
           F53XRAYR F53XRAYR.
           F53CBLD F53CTHR F53CRSA
           F53CURN F53CBNE F53CJNT F53CSF F53COTH RESULT.
           F53PARV F53RESP F53ENTER
           F53OTHV F53PARVO F53CMBD F53IGG F53C3 F53CMBI NEG_POS.
           F53SFGM F53SFGM.
           F53COMP F53COMP.
           F53SERTI F53SERTI.
           F53GSPLF F53GSULT F53GSOC RADIOL.
           F53CHOL F53CHOL.
           F53DXRUQ F53DXRUQ.
           F53HFSIT F53HFSIT.
           F53SEIZT F53SEIZT.
           F53NEUR F53NEUR.
           F53CATS F53ART F53BRSCN F53MRI IMAGE.
           F53DXCVA F53DXCVA.
           F53SPLP F53SPLP.
           F53DXAAE F53DXAAE.;


RUN;
QUIT;
```

Reason Form 53 Completed:

Type of Event	Variable Name/Value	Number of Events
a. Acute Febrile Event	(**F53FEV=2**)	449
b. Acute Chest Event	(**F53CHST=2**)	167
c. Osteomyelitis/Septic Arthritis	(**F53OSTE=2**)	2
d. Meningitis	(**F53MENI=2**)	4
e. Bacteremia	(**F53BACT=2**)	31
f. Urinary Tract Infection	(**F53UTI=2**)	22
g. Other Infection	(**F53OINF=2**)	91
h. Painful Episode	(**F53PAIN=2**)	264
i. Right Upper Quadrant Event	(**F53RUQ=2**)	4
j. Hand-Foot Event	(**F53HF=2**)	49
k. Seizures	(**F53SEIZ=2**)	0
l. Cerebrovascular Accident	(**F53CVA=2**)	4
m. Acute Anemic Event	(**F53AAE=2**)	57
n. Acute Priapism	(**F53PRIA=2**)	0
Total # of Records		881

```
F53TXBEF -------------------------------- WAS PATIENT TRANSFUSED WITHIN 4 MOS
                type:  numeric (float)
                label: F53TXBEF
                range: [1,2]                        units:  1
        unique values: 2                   coded missing:  3 / 881

            tabulation: Freq.   Numeric  Label
                         813        1  NO
                          65        2  YES


F53CHRTX ----------------------------------- IS PATIENT CURRENTLY ON CHRONIC TX
                type:  numeric (float)
                label: F53CHRTX
                range: [1,2]                        units:  1
        unique values: 2                   coded missing:  339 / 881

            tabulation: Freq.   Numeric  Label
                         531        1  NO
                          11        2  YES
```

F53CHRTX:
  1. Required only if F53TXBEF=2.

```
F53REAS --------------------------------------- REASON FOR CHRONIC TRANSFUSION
                type:  numeric (float)
                label: F53REAS
                range: [44,46]                      units:  1
        unique values: 2                   coded missing:  870 / 881

            tabulation: Freq.   Numeric  Label
                          10       44  CVA
                           1       46  SPLENIC SEQUEST.
```

F53REAS:
  1. Required only if F53CHRTX=2.

```
F53PCTA ------------------------------------------------------- PERCENT HB A
                type:  numeric (float)
                range: [9,91]                       units:  1
        unique values: 3                   coded missing:  876 / 881

                 mean:     37.6
             std. dev:  39.8598

          percentiles:      10%       25%       50%       75%       90%
                              9         9         9        70        91
```

F53PCTA:
  1. Required only if patient on chronic transfusion program.

F53PCTS -- PERCENT HB S

```
            type:  numeric (float)


           range:  [9,81]                      units:  1
   unique values:  4                   coded missing:  875 / 881


            mean:       50
        std. dev:  34.6064


     percentiles:        10%      25%      50%      75%      90%
                           9       18     55.5       81       81
```

F53PCTS:
  1. Required only if patient on chronic transfusion program.

F53ADMIT ------------------------------------- WAS PATIENT ADMITTED FOR EVENT

```
            type:  numeric (float)
           label:  F53ADMIT


           range:  [1,2]                        units:  1
   unique values:  2                    coded missing:  3 / 881


      tabulation:  Freq.   Numeric  Label
                    113         1   NO
                    765         2   YES
```


F53TXDUR ----------------------------- WAS PATIENT TRANSFUSED DURING TREATMENT

```
            type:  numeric (float)
           label:  F53TXDUR


           range:  [1,2]                        units:  1
   unique values:  2                    coded missing:  10 / 881


      tabulation:  Freq.   Numeric  Label
                    770         1   NO
                    101         2   YES
```

```
F53ANTIP ----------------------------- WAS PROPHYLACTIC ANTIBIOTIC PRESCRIBED
                  type:  numeric (float)
                  label: F53ANTIP
                  range: [1,2]                         units:  1
         unique values:  2                     coded missing:  0 / 663
            tabulation:  Freq.   Numeric  Label
                           138        1  NO
                           525        2  YES
```

F53ANTIP:
  1. Note that some patient may have been prescribed 'OTHER ANTIBIOTIC' in
      addition to penicillin. Furthermore, patients may have responded 'YES'
      to more than one antibiotic.

```
F53PEN -------------------------------------------- PENICILLIN PRESCRIBED
                  type:  numeric (float)
                  label: F53PEN
                  range: [1,2]                         units:  1
         unique values:  2                     coded missing:  152 / 663
            tabulation:  Freq.   Numeric  Label
                            10        1  NO
                           501        2  YES
```

F53PEN:
  1. Required only if F53ANTIP=2.

```
F53PEND ------------------------------------------------- PENICILLIN DOSE
                  type:  numeric (float)
                  label: F53PEND
                  range: [1,3]                         units:  1
         unique values:  3                     coded missing:  164 / 663
            tabulation:  Freq.   Numeric  Label
                           335        1  125 MG BID
                           159        2  250 MG BID
                             5        3  OTHER DOSAGE
```

F53PEND:
  1. Required only if F53PEN=2.

```
F53OTH1 ----------------------------------------- OTHER ANTIBIOTIC PRESCRIBED
                  type:  numeric (float)
                  label: F53OTH1
                  range: [1,2]                         units:  1
         unique values:  2                     coded missing:  525 / 663
            tabulation:  Freq.   Numeric  Label
                           100        1  NO
                            38        2  YES
```

F53OTH1:
  1. Required only if F53ANTIP=2.

F53OTH1C -- CODE OF OTHER ANTIBIOTIC
                    type: numeric (float)

                   range: [25,562]   units: 1
           unique values: 10   coded missing: 626 / 663

              tabulation: Freq. Value
                              13 25
                               3 28
                               4 56
                               2 67
                               1 231
                               1 254
                               1 344
                               9 554
                               1 559
                               2 562

F53OTH1C:
  1. Required only if F53OTH1=2.
  2. See Appendix D for antibiotic codes.

F53OTH2 --- OTHER ANTIBIOTIC PRESCRIBED
                    type: numeric (float)
                   label: F53OTH2

                   range: [1,2]   units: 1
           unique values: 2   coded missing: 549 / 663

              tabulation: Freq.   Numeric Label
                             110   1 NO
                               4   2 YES

F53OTH2:
  1. Required only if F53ANTIP=2.

F53OTH2C -- CODE OF OTHER ANTIBIOTIC
                    type: numeric (float)

                   range: [27,231]   units: 1
           unique values: 2   coded missing: 661 / 663

              tabulation: Freq. Value
                               1 27
                               1 231

F53OTH2C:
  1. Required only if F53OTH2=2.
  2. See Appendix D for antibiotic codes.

```
F53ANTIR ----------------------------- DID PT RECEIVE PROPHYLACTIC ANTIBIOTIC
                 type:  numeric (float)
                 label: F53ANTIR
                 range: [1,2]                        units:  1
         unique values: 2                    coded missing:  16 / 663
            tabulation: Freq.   Numeric  Label
                         148         1   NO
                         499         2   YES
```

```
F53PENR --------------------------------------- DID PATIENT RECEIVE PENICILLIN
                 type:  numeric (float)
                 label: F53PENR
                 range: [1,2]                        units:  1
         unique values: 2                    coded missing:  184 / 663
            tabulation: Freq.   Numeric  Label
                          13         1   NO
                         466         2   YES
```

F53PENR:
  1. Required only if F53ANTIR=2.

```
F53OTHR --------------------------------- DID PATIENT RECEIVE OTHER ANTIBIOTIC
                 type:  numeric (float)
                 label: F53OTHR
                 range: [1,2]                        units:  1
         unique values: 2                    coded missing:  531 / 663
            tabulation: Freq.   Numeric  Label
                          96         1   NO
                          36         2   YES
```

F53OTHR:
  1. Required only if F53ANTIR=2.

```
F53OTHR1 ----------------------------------------- CODE OF ANTIBIOTIC RECEIVED
                 type:  numeric (float)
                 range: [25,576]                     units:  1
         unique values: 13                   coded missing:  620 / 663

            tabulation: Freq.  Value                 tabulation: Freq.  Value
                         10    25                                 2    369
                          3    28                                 1    370
                          4    56                                 8    371
                          1    67                                 9    554
                          1    68                                 1    562
                          1    231                                1    576
                          1    254
```

F53OTHR1:
  1. Required only if F53OTHR=2.
  2. See Appendix D for antibiotic codes.

F53OTHR2 -- CODE OF ANTIBIOTIC RECEIVED
```
            type:  numeric (float)

           range:  [.,.]                       units:  .
   unique values:  0               coded missing:  663 / 663

      tabulation:  Freq.  Value
```

F53OTHR2:
  1. Required only if F53OTHR=2 and > 1 antibiotic received.
  2. See APPENDIX D for antiboitic codes.

F53PNEU -- DID PATIENT RECEIVE PNEUMOVAX
```
            type:  numeric (float)
           label:  F53PNEU

           range:  [1,2]                       units:  1
   unique values:  2               coded missing:  4 / 663

      tabulation:  Freq.   Numeric  Label
                    251          1  NO
                    408          2  YES
```

F53HFLU ---------------------------------- DID PATIENT RECEIVE H. FLU VACCINE
```
            type:  numeric (float)
           label:  F53HFLU

           range:  [1,2]                       units:  1
   unique values:  2               coded missing:  5 / 663

      tabulation:  Freq.   Numeric  Label
                    307          1  NO
                    351          2  YES
```

F53TEMP --- TEMPERATURE
```
              type:  numeric (float)
             range:  [29.3,41.1]                units:  .1
     unique values:  48               coded missing:  12 / 663
              mean:  38.8329
          std. dev:  .96203
       percentiles:      10%      25%       50%       75%       90%
                        37.8     38.3      38.9      39.4        40
```

F53TEMPH -- HOW WAS TEMPERATURE TAKEN
```
              type:  numeric (float)
             label:  F53TEMPH
             range:  [1,3]                       units:  1
     unique values:  3                coded missing:  31 / 663
        tabulation:  Freq.   Numeric  Label
                      180         1   ORAL
                      430         2   RECTAL
                       22         3   AXILLARY
```

F53FMEN -- FOCUS IS MENINGES OR BRAIN
```
              type:  numeric (float)
             label:  F53FMEN
             range:  [1,2]                       units:  1
     unique values:  2                coded missing:  519 / 663
        tabulation:  Freq.   Numeric  Label
                      140         1   NO
                        4         2   YES
```

F53FEAR --- FOCUS IS EAR
```
              type:  numeric (float)
             label:  F53FEAR
             range:  [1,2]                       units:  1
     unique values:  2                coded missing:  444 / 663
        tabulation:  Freq.   Numeric  Label
                      107         1   NO
                      112         2   YES
```

F53FTHR --- FOCUS IS THROAT
```
              type:  numeric (float)
             label:  F53FTHR

             range:  [1,2]                       units:  1
     unique values:  2                coded missing:  485 / 663

        tabulation:  Freq.   Numeric  Label
                      126         1   NO
                       52         2   YES
```

F53FURT ------------------------------------- FOCUS IS UPPER RESPIRATORY TRACT
```
              type:  numeric (float)
              label: F53FURT
              range: [1,2]                        units:  1
      unique values: 2                   coded missing:  465 / 663

         tabulation:  Freq.   Numeric  Label
                        118         1  NO
                         80         2  YES
```

F53FLNG --- FOCUS IS LUNGS
```
              type:  numeric (float)
              label: F53FLNG
              range: [1,2]                        units:  1
      unique values: 2                   coded missing:  384 / 663

         tabulation:  Freq.   Numeric  Label
                        110         1  NO
                        169         2  YES
```

F53FGIT ------------------------------------- FOCUS IS GASTROINTESTINAL TRACT
```
              type:  numeric (float)
              label: F53FGIT
              range: [1,2]                        units:  1
      unique values: 2                   coded missing:  507 / 663

         tabulation:  Freq.   Numeric  Label
                        136         1  NO
                         20         2  YES
```

F53FBLD --- FOCUS IS BLOOD
```
              type:  numeric (float)
              label: F53FBLD
              range: [1,2]                        units:  1
      unique values: 2                   coded missing:  502 / 663

         tabulation:  Freq.   Numeric  Label
                        131         1  NO
                         30         2  YES
```

F53FBONE --- FOCUS IS BONE
```
              type:  numeric (float)
              label: F53FBONE
              range: [1,2]                        units:  1
      unique values: 2                   coded missing:  522 / 663

         tabulation:  Freq.   Numeric  Label
                        140         1  NO
                          1         2  YES
```

F53SITE1 -- BONE SITE CODE 1
```
             type:  numeric (float)
             range:  [100,123]              units:  1
     unique values:  2            coded missing:  661 / 663

        tabulation:  Freq.  Value
                        1  100
                        1  123
```

F53SITE1:
  1. Required only if F53FBONE=2.
  2. See Appendix F for site code list.

F53SITE2 -- BONE SITE CODE 2
```
             type:  numeric (float)
             range:  [124,124]              units:  1
     unique values:  1            coded missing:  662 / 663

        tabulation:  Freq.  Value
                        1  124
```

F53SITE2:
  1. Required only if F53FBONE=2.
  2. See Appendix F for site code list.

F53FJNT -- FOCUS IS JOINT
```
             type:  numeric (float)
             label:  F53FJNT
             range:  [1,2]                  units:  1
     unique values:  2            coded missing:  530 / 663

        tabulation:  Freq.   Numeric  Label
                       128         1  NO
                         5         2  YES
```

F53JNT1 --- JOINT SITE CODE 1
```
             type:  numeric (float)
             range:  [106,400]              units:  1
     unique values:  4            coded missing:  659 / 663

        tabulation:  Freq.  Value
                        1  106
                        1  209
                        1  388
                        1  400
```

F53JNT1:
  1. Required only if F53FJNT=2.
  2. See Appendix F for site code list.

F53JNT1E -- EFFUSION AT JOINT SITE 1
```
              type:  numeric (float)
              label: F53JNT1E
              range: [1,1]                        units:  1
      unique values:  1                   coded missing:  658 / 663

          tabulation:  Freq.   Numeric  Label
                          5         1   NO
```

F53JNT1E:
  1. Required only if F53FJNT=2.
  2. See Appendix F for site code list.

F53JNT2 --- JOINT SITE CODE 2
```
              type:  numeric (float)
              range: [398,398]                    units:  1
      unique values:  1                   coded missing:  662 / 663

          tabulation:  Freq.   Value
                          1   398
```

F53JNT2:
  1. Required only if F53FJNT=2.
  2. See Appendix F for site code list.

F53JNT2E -- EFFUSION AT JOINT SITE 2
```
              type:  numeric (float)
              label: F53JNT2E
              range: [1,1]                        units:  1
      unique values:  1                   coded missing:  661 / 663

          tabulation:  Freq.   Numeric  Label
                          2         1   NO
```

F53JNT2E:
  1. Required only if F53FJNT=2.
  2. See Appendix F for site code list.

F53FUT -- FOCUS IS UNRINARY TRACT
```
              type:  numeric (float)
              label: F53FUT
              range: [1,2]                        units:  1
      unique values:  2                   coded missing:  516 / 663

          tabulation:  Freq.   Numeric  Label
                        124         1   NO
                         23         2   YES
```

F53FUNK -- FOCUS IS UNKNOWN
                type: numeric (float)
               label: F53FUNK

               range: [1,2]   units: 1
       unique values: 2   coded missing: 360 / 663

         tabulation: Freq.   Numeric Label
                        92   1 NO
                       211   2 YES

F53FOTH -- FOCUS IS OTHER
                type: numeric (float)
               label: F53FOTH

               range: [1,2]   units: 1
       unique values: 2   coded missing: 500 / 663

         tabulation: Freq.   Numeric Label
                       126   1 NO
                        37   2 YES

F53CXRAY -- CHEST X-RAY DONE
                type: numeric (float)
               label: F53CXRAY

               range: [1,2]   units: 1
       unique values: 2   coded missing: 8 / 663

         tabulation: Freq.   Numeric Label
                       310   1 DONE
                       345   2 NOT DONE

F53XRAYR --- CHEST X-RAY RESULTS
                type: numeric (float)
               label: F53XRAYR

               range: [1,2]   units: 1
       unique values: 2   coded missing: 165 / 663

         tabulation: Freq.   Numeric Label
                       319   1 NORMAL
                       179   2 ABNORMAL

F53XRAYR:
  1. Required only if F53CXRAY=2.

```
F53INFIL ------------------------------------------ INFILTRATE ON CHEST X-RAY
                 type:  numeric (float)
                 label:  F53INFIL

                 range:  [1,2]                         units:  1
        unique values:  2                     coded missing:  469 / 663

            tabulation:  Freq.    Numeric  Label
                           28         1    NO
                          166         2    YES
```

F53INFIL:
  1. Required only if F53XRAYR=2.

```
F53PLEFF ------------------------------------- PLEURAL EFFUSION ON CHEST X-RAY
                 type:  numeric (float)
                 label:  F53PLEFF

                 range:  [1,2]                         units:  1
        unique values:  2                     coded missing:  490 / 663

            tabulation:  Freq.    Numeric  Label
                          156         1    NO
                           17         2    YES
```

F53PLEFF:
  1. Required only if F53XRAYR=2.

```
F53OTHAB --------------------------------------- OTHER CHEST X-RAY ABNORMALITY
                 type:  numeric (float)
                 label:  F53OTHAB

                 range:  [1,2]                         units:  1
        unique values:  2                     coded missing:  487 / 663

            tabulation:  Freq.    Numeric  Label
                          143         1    NO
                           33         2    YES
```

F53OTHAB:
  1. Required only if F53XRAYR=2.

```
F53CBLD -------------------------------------------------- BLOOD CULTURE RESULTS
               type:  numeric (float)
              label:  F53CBLD

              range:  [1,3]                         units:  1
      unique values:  3                     coded missing:  3 / 663

        tabulation:  Freq.   Numeric  Label
                       79         1   NOT DONE
                      545         2   DONE, NEGATIVE
                       36         3   DONE, POSITIVE


F53CBLDO ---------------------------------------- BLOOD CULTURE ORGANISM CODE
               type:  numeric (float)

              range:  [105,1200]                    units:  1
      unique values:  9                     coded missing:  626 / 663

        tabulation:  Freq.   Value
                        1   105
                        4   110
                        6   120
                        3   130
                       14   170
                        1   401
                        4   404
                        1   410
                        3   1200

F53CBLDO:
  1.  Required only if F53CBLD=3.
  2.  See Appendix H for pathogen list.


F53CTHR ----------------------------------------------- THROAT CULTURE RESULTS
               type:  numeric (float)
              label:  F53CTHR

              range:  [1,3]                         units:  1
      unique values:  3                     coded missing:  6 / 663

        tabulation:  Freq.   Numeric  Label
                      438         1   NOT DONE
                      195         2   DONE, NEGATIVE
                       24         3   DONE, POSITIVE
```

```
F53CTHRO ---------------------------------------- THROAT CULTURE ORGANISM CODE
                 type:  numeric (float)
                 range:  [110,1200]                    units:  10
        unique values:  6                    coded missing:  638 / 663
           tabulation:  Freq.  Value
                           2   110
                          17   140
                           1   150
                           2   160
                           2   170
                           1   1200


F53CTHRO:
  1.  Required only if F53CTHR=3.
  2.  See Appendix H for pathogen list.



F53CRSA ------------------------------------------------- RAPID STREP ASSAY
                 type:  numeric (float)
                 label:  F53CRSA
                 range:  [1,3]                          units:  1
        unique values:  3                    coded missing:  19 / 663
           tabulation:  Freq.   Numeric  Label
                          614         1  NOT DONE
                           29         2  DONE, NEGATIVE
                            1         3  DONE, POSITIVE



F53CRSAO ---------------------------------------- RAPID STREP ASSAY ORGANISM
                 type:  numeric (float)
                 range:  [140,140]                      units:  10
        unique values:  1                    coded missing:  662 / 663
           tabulation:  Freq.  Value
                           1   140

F53CRSAO:
  1.  Required only if F53CRSA=3.
  2.  See Appendix H for pathogen list.



F53CURN ------------------------------------------------ URINE CULTURE RESULTS
                 type:  numeric (float)
                 label:  F53CURN
                 range:  [1,4]                          units:  1
        unique values:  4                    coded missing:  8 / 663
           tabulation:  Freq.   Numeric  Label
                          278         1  NOT DONE
                          354         2  DONE, NEGATIVE
                           22         3  DONE, POSITIVE
                            1         4  CONTAMINATED
```

F53CURNO -- URINE CULTURE ORGANISM CODE
                type: numeric (float)

               range: [170,412]   units: 1
       unique values: 7   coded missing: 641 / 663

           tabulation: Freq. Value
                           2   170
                           1   180
                           1   400
                          13   401
                           2   408
                           2   409
                           1   412

F53CURNO:
  1. Required only if F53CURN=3.
  2. See Appendix H for pathogen list.

F53CBNE -- BONE ASPIRATE RESULTS
                type: numeric (float)
               label: F53CBNE

               range: [1,2]   units: 1
       unique values: 2   coded missing: 10 / 663

           tabulation: Freq.   Numeric Label
                          650   1 NOT DONE
                            3   2 DONE, NEGATIVE

F53CBNEO -- BONE ASPIRATE ORGANISM
                type: numeric (float)

               range: [.,.]   units: .
       unique values: 0   coded missing: 663 / 663

           tabulation: Freq. Value

F53CJNT -- JOINT ASPIRATE RESULTS
                type: numeric (float)
               label: F53CJNT

               range: [1,2]   units: 1
       unique values: 2   coded missing: 11 / 663

           tabulation: Freq.   Numeric Label
                          650   1 NOT DONE
                            2   2 DONE, NEGATIVE

F53CJNTO --- JOINT ASPIRATE ORGANISM CODE
              type: numeric (float)

             range: [.,.]   units: .
     unique values: 0   coded missing: 663 / 663

        tabulation: Freq. Value

F53CSF -- SPINAL FLUID CULTURE
              type: numeric (float)
             label: F53CSF

             range: [1,3]   units: 1
     unique values: 3   coded missing: 11 / 663

        tabulation: Freq.   Numeric Label
                      613   1 NOT DONE
                       38   2 DONE, NEGATIVE
                        1   3 DONE, POSITIVE

F53CSFO --------------------------------------- SPINAL FLUID CULTURE ORGANISM
              type: numeric (float)

             range: [170,170]   units: 10
     unique values: 1   coded missing: 662 / 663

        tabulation: Freq. Value
                        1   170

F53CSFO:
  1. Required only if F53CSF=3.
  2. See Appendix H for pathogen list.

F53COTH --- OTHER CULTURE RESULTS
              type: numeric (float)
             label: F53COTH

             range: [1,3]   units: 1
     unique values: 3   coded missing: 17 / 663

        tabulation: Freq.   Numeric Label
                      553   1 NOT DONE
                       82   2 DONE, NEGATIVE
                       11   3 DONE, POSITIVE

```
F53COTHO ----------------------------------------------- OTHER CULTURE ORGANISM
                type:  numeric (float)
               range:  [110,9000]                    units:  1
       unique values:  9                     coded missing:  650 / 663


           tabulation:  Freq.  Value
                          1    110
                          1    120
                          1    130
                          1    400
                          3    402
                          1    404
                          2    1200
                          1    6807
                          2    9000


F53COTHO:
  1.  Required only if F53COTH=3.
  2.  See Appendix H for pathogen list.



F53PARV ------------------------------------------- VIRAL SEROLOGY - PARVOVIRUS
                type:  numeric (float)
               label:  F53PARV
               range:  [1,3]                         units:  1
       unique values:  2                     coded missing:  11 / 663


           tabulation:  Freq.   Numeric  Label
                         17         1   NEGATIVE
                        635         3   NOT DONE



F53RESP ----------------------------------- VIRAL SEROLOGY - RESPIRATORY VIRUS
                type:  numeric (float)
               label:  F53RESP
               range:  [1,3]                         units:  1
       unique values:  3                     coded missing:  11 / 663
           tabulation:  Freq.   Numeric  Label
                         17         1   NEGATIVE
                          3         2   POSITIVE
                        632         3   NOT DONE



F53ENTER --------------------------------------- VIRAL SEROLOGY - ENTEROVIRUS
                type:  numeric (float)
               label:  F53ENTER
               range:  [1,3]                         units:  1
       unique values:  3                     coded missing:  11 / 663
           tabulation:  Freq.   Numeric  Label
                         15         1   NEGATIVE
                          2         2   POSITIVE
                        635         3   NOT DONE
```

F53OTHV -- VIRAL SEROLOGY - OTHER
                type: numeric (float)
                label: F53OTHV
                range: [1,3]   units: 1
        unique values: 3   coded missing: 10 / 663
            tabulation: Freq.   Numeric Label
                         23   1   NEGATIVE
                          3   2   POSITIVE
                        627   3   NOT DONE

F53SFOP --------------------------------------- SPINAL FLUID OPENING PRESSURE
                type: numeric (float)
                range: [.,.]   units: .
        unique values: 0   coded missing: 663 / 663

            tabulation: Freq. Value

F53SFGLU -- SPINAL FLUID GLUCOSE
                type: numeric (float)
                range: [7,94]   units: 1
        unique values: 27   coded missing: 626 / 663
                 mean: 68.6486
             std. dev: 15.7148

            percentiles: 10%   25%   50%   75%   90%
                                 54   60   69   78   87

F53SFPRO -- SPINAL FLUID PROTEIN
                type: numeric (float)
                range: [10,4000]   units: 1
        unique values: 22   coded missing: 624 / 663
                 mean: 124.359
             std. dev: 636.997

            percentiles: 10%   25%   50%   75%   90%
                                 13   17   20   26   34

F53SFWBC --- SPINAL FLUID WBC
                type: numeric (float)
                range: [0,1158]   units: 1
        unique values: 11   coded missing: 626 / 663

                 mean: 40.1351
             std. dev: 192.905

            percentiles: 10%   25%   50%   75%   90%
                                  0   0   2   3   10

F53SFRBC --- SPINAL FLUID RBC

```
            type:  numeric (float)

           range:  [0,2710]                    units:  1
   unique values:  15              coded missing:  626 / 663

            mean:   165.486
        std. dev:   543.38

     percentiles:        10%       25%       50%       75%       90%
                          0         0         0        17       240
```

F53SFPMN --- SPINAL FLUID POLYS

```
            type:  numeric (float)

           range:  [0,90]                       units:  1
   unique values:  6               coded missing:  629 / 663

            mean:   6.85294
        std. dev:   21.6545

     percentiles:        10%       25%       50%       75%       90%
                          0         0         0         0        13
```

F53SFLYM --- SPINAL FLUID LYMPHS

```
            type:  numeric (float)

           range:  [0,94]                       units:  1
   unique values:  6               coded missing:  628 / 663

            mean:   6.34286
        std. dev:   21.7863

     percentiles:        10%       25%       50%       75%       90%
                          0         0         0         0         4
```

F53SFMON --- SPINAL FLUID MONOS

```
            type:  numeric (float)

           range:  [0,99]                       units:  1
   unique values:  7               coded missing:  628 / 663

            mean:   7.02857
        std. dev:   20.2419

     percentiles:        10%       25%       50%       75%       90%
                          0         0         0         0        20
```

F53SFGM --------------------------------------- SPINAL FLUID GRAM STAIN RESULTS
                 type: numeric (float)
                label: F53SFGM

                range: [1,2]   units: 1
        unique values: 2   coded missing: 621 / 663

           tabulation: Freq.   Numeric Label
                          40   1 NO ORGANISM SEEN
                           2   2 GRAM + ORGANISM

F53SFGM:
  1. Required only if spinal fluid exam done.

F53DXMNB ----------------------------- FINAL DIAGNOSIS IS BACTERIAL MENINGITIS
                 type: numeric (float)
                label: F53DXMNB

                range: [1,2]   units: 1
        unique values: 2   coded missing: 506 / 663

           tabulation: Freq.   Numeric Label
                         155   1 NO
                           2   2 YES

F53DXMNV --------------------------------- FINAL DIAGNOSIS IS VIRAL MENINGITIS
                 type: numeric (float)
                label: F53DXMNV

                range: [1,2]   units: 1
        unique values: 2   coded missing: 506 / 663

           tabulation: Freq.   Numeric Label
                         155   1 NO
                           2   2 YES

F53DXCER --------------------------------------- FINAL DIAGNOSIS IS CEREBRITIS
                 type: numeric (float)
                label: F53DXCER

                range: [1,1]   units: 1
        unique values: 1   coded missing: 508 / 663

           tabulation: Freq.   Numeric Label
                         155   1 NO

F53DXOTI -------------------------------------- FINAL DIAGNOSIS IS OTITIS
                 type: numeric (float)
                label: F53DXOTI

                range: [1,2]   units: 1
        unique values: 2   coded missing: 429 / 663

           tabulation: Freq.   Numeric Label
                          121   1 NO
                          113   2 YES

F53DXOTI:
  1. Required only if F53DXOTH=2.

F53DXSTR ------------------------------------- FINAL DIAGNOSIS IS STREP THROAT
                 type: numeric (float)
                label: F53DXSTR

                range: [1,2]   units: 1
        unique values: 2   coded missing: 496 / 663

           tabulation: Freq.   Numeric Label
                          149   1 NO
                           18   2 YES

F53DXURI -- FINAL DIAGNOSIS IS URI
                 type: numeric (float)
                label: F53DXURI

                range: [1,2]   units: 1
        unique values: 2   coded missing: 471 / 663

           tabulation: Freq.   Numeric Label
                          140   1 NO
                           52   2 YES

F53DXPNE -------------------------------------- FINAL DIAGNOSIS IS PNEUMONIA
                 type: numeric (float)
                label: F53DXPNE

                range: [1,2]   units: 1
        unique values: 2   coded missing: 386 / 663

           tabulation: Freq.   Numeric Label
                          120   1 NO
                          157   2 YES

F53DXINF -------------------------------- FINAL DIAGNOSIS IS PULMONARY INFARCT

```
            type:  numeric (float)
           label:  F53DXINF
           range:  [1,2]                      units:  1
   unique values:  2              coded missing:  487 / 663

      tabulation:  Freq.   Numeric  Label
                    155         1  NO
                     21         2  YES
```

F53DXEMB ------------------------------- FINAL DIAGNOSIS IS PULMONARY EMBOLISM

```
            type:  numeric (float)
           label:  F53DXEMB
           range:  [1,2]                      units:  1
   unique values:  2              coded missing:  507 / 663

      tabulation:  Freq.   Numeric  Label
                    155         1  NO
                      1         2  YES
```

F53DXGAS ---------------------------------- FINAL DIAGNOSIS IS GASTROENTERITIS

```
            type:  numeric (float)
           label:  F53DXGAS
           range:  [1,2]                      units:  1
   unique values:  2              coded missing:  494 / 663

      tabulation:  Freq.   Numeric  Label
                    152         1  NO
                     17         2  YES
```

F53DXUTI --- FINAL DIAGNOSIS IS UTI

```
            type:  numeric (float)
           label:  F53DXUTI
           range:  [1,2]                      units:  1
   unique values:  2              coded missing:  493 / 663

      tabulation:  Freq.   Numeric  Label
                    147         1  NO
                     23         2  YES
```

F53DXOST ----------------------------------- FINAL DIAGNOSIS IS OSTEOMYELITIS

```
            type:  numeric (float)
           label:  F53DXOST
           range:  [1,2]                      units:  1
   unique values:  2              coded missing:  507 / 663

      tabulation:  Freq.   Numeric  Label
                    155         1  NO
                      1         2  YES
```

F53DXPYA ------------------------------------ FINAL DIAGNOSIS IS PYOARTHRITIS
                 type: numeric (float)
                 label: F53DXPYA
                 range: [1,2]   units: 1
        unique values: 2   coded missing: 507 / 663

            tabulation: Freq.   Numeric Label
                          155   1 NO
                            1   2 YES

F53DXBAC ------------------------------------- FINAL DIAGNOSIS IS BACTEREMIA
                 type: numeric (float)
                 label: F53DXBAC
                 range: [1,2]   units: 1
        unique values: 2   coded missing: 487 / 663

            tabulation: Freq.   Numeric Label
                          146   1 NO
                           30   2 YES

F53DXVIR ----------------------------------- FINAL DIAGNOSIS IS VIRAL SYNDROME
                 type: numeric (float)
                 label: F53DXVIR
                 range: [1,2]   units: 1
        unique values: 2   coded missing: 447 / 663

            tabulation: Freq.   Numeric Label
                          124   1 NO
                           92   2 YES

F53DXFEB ----------------------------- FINAL DIAGNOSIS IS FEVER,UNKNOWN ORIGIN
                 type: numeric (float)
                 label: F53DXFEB
                 range: [1,2]   units: 1
        unique values: 2   coded missing: 367 / 663

            tabulation: Freq.   Numeric Label
                          119   1 NO
                          177   2 YES

F53DXOTH --------------------------------- FINAL DIAGNOSIS IS OTHER INFECTION
                 type: numeric (float)
                 label: F53DXOTH
                 range: [1,2]   units: 1
        unique values: 2   coded missing: 419 / 663

            tabulation: Freq.   Numeric Label
                          140   1 NO
                          104   2 YES

F53DXOT1 --------------------------------- ICDA CODE FOR INFECTION DIAGNOSIS 1

```
            type:  numeric (float)
           range:  [4.9,996.6]                units:  .01
   unique values:  41            coded missing:  564 / 663
```

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	4.9000001		1	465.89999
	1	8.5		1	466.10001
	1	34.099998		2	473.89999
	1	47.900002		1	474
	4	52.900002		1	483
	1	77.199997		1	490
	22	282.62		7	493.89999
	3	282.64001		1	518
	6	282.64999		2	519.79999
	1	283.89999		1	520.70001
	4	284.89999		1	523.09998
	2	285.89999		1	528
	1	288		2	558.90002
	1	372.14001		2	560.09998
	1	372.29999		1	682.90002
	1	373.13		1	684
	1	401.89999		1	780.59998
	4	462		2	786.09003
	3	463		1	984.90002
	1	464.39999		1	996.59998
	8	465.79999			

F53DXOT1:
1. Round up or down, keep 1 decimal digit.
2. See ICD-9-CM codebook for diagnosis codes.
3. Required only if F53DXOTH=2.

F53DXOT2 --------------------------------- ICDA CODE FOR INFECTION DIAGNOSIS 2

```
            type:  numeric (float)
           range:  [77.3,999.99]              units:  .01
   unique values:  14            coded missing:  649 / 663
```

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	77.300003		1	382.89999
	1	282.20001		1	384.01001
	1	282.62		1	466
	1	282.64999		1	493.89999
	1	287.5		1	733.40997
	1	289.29999		1	780.59998
	1	374.82001		1	999.98999

F53DXOT2:
1. Round up or down, keep 1 decimal digit.
2. See ICD-9-CM codebook for diagnosis codes.
3. Required only if F53DXOTH=2.

F53DXOT3 ---------------------------------- ICDA CODE FOR INFECTION DIAGNOSIS 3

```
            type:  numeric (float)

           range:  [518,564]                    units:  1
   unique values:  2                    coded missing:  661 / 663

      tabulation:  Freq.  Value
                       1  518
                       1  564
```

F53DXOT3:
1. Required only if F53DXOTH=2.
2. See ICD-9-CM codebook for diagnosis codes.

F53COMP --- COMPLICATIONS FROM INFECTION

```
            type:  numeric (float)
           label:  F53COMP

           range:  [16,128]                     units:  1
   unique values:  3                    coded missing:  10 / 663

      tabulation:  Freq.   Numeric  Label
                       0         1  SEIZURES 1
                       0         2  INAPPROPRIATE ADH 2
                       0         4  VIII NERVE INJURY 4
                       0         8  DIC 8
                       3        16  HYPOXIA 16
                       0        32  DEATH 32
                       2        64  OTHER COMPLICATION 64
                     648       128  NO COMPLICATIONS 128
```

F53COMP:
1. BINARY CODED VARIABLE: Refer to explanantion of 'binary coding' in PART
   II.

F53SURG --- WAS SURGERY PERFORMED

```
            type:  numeric (float)
           label:  F53SURG

           range:  [1,2]                        units:  1
   unique values:  2                    coded missing:  20 / 663

      tabulation:  Freq.   Numeric  Label
                     641         1  NO
                       2         2  YES
```

F53BILIT -- TOTAL BILIRUBIN

```
              type:  numeric (float)

             range:  [.3,24.5]                    units:  .1
     unique values:  3                    coded missing:  1 / 4

              mean:  12.1667
          std. dev:  12.1067

       percentiles:      10%      25%      50%      75%      90%
                          .3       .3     11.7     24.5     24.5
```

F53BILID -- DIRECT BILIRUBIN

```
              type:  numeric (float)

             range:  [5,8]                        units:  1
     unique values:  2                    coded missing:  2 / 4

              mean:     6.5
          std. dev:  2.12132

       percentiles:      10%      25%      50%      75%      90%
                           5        5      6.5        8        8
```

F53BILII -- INDIRECT BILIRUBIN

```
              type:  numeric (float)

             range:  [6.7,16.5]                   units:  .1
     unique values:  2                    coded missing:  2 / 4

              mean:    11.6
          std. dev:  6.92965

       percentiles:      10%      25%      50%      75%      90%
                         6.7      6.7     11.6     16.5     16.5
```

F53SGOT --- SGOT

```
              type:  numeric (float)

             range:  [33,300]                     units:  1
     unique values:  3                    coded missing:  1 / 4

              mean:  132.333
          std. dev:  146.029

       percentiles:      10%      25%      50%      75%      90%
                          33       33       64      300      300
```

F53SGOT:
  1. If CLINIC=63 or 64, need to convert: F53SGOT=F53SGOT*0.3

```
F53SGPT ------------------------------------------------------------- SGPT
                type:  numeric (float)
               range:  [5,162]                     units:  1
       unique values:  3              coded missing:  1 / 4

                mean:  62.6667
            std. dev:  86.3964

         percentiles:       10%      25%      50%      75%      90%
                             5        5        21       162      162
```

F53SGPT:
  1. If CLINIC=C or D, need to convert: F53SGPT=F53SGPT/2.22

```
F53ALKPH ---------------------------------------------- ALKALINE PHOSPHATASE
                type:  numeric (float)
               range:  [178,457]                   units:  1
       unique values:  3              coded missing:  1 / 4

                mean:  288.667
            std. dev:  148.17

         percentiles:       10%      25%      50%      75%      90%
                             178      178      231      457      457
```

F53ALKPH:
  1. If CLINIC=C or D, need to convert: F53SALKPH=F53ALKPH/0.87

```
F53AMYL ----------------------------------------------------- SERUM AMYLASE
                type:  numeric (float)
               range:  [69,852]                    units:  1
       unique values:  3              coded missing:  1 / 4

                mean:  335.333
            std. dev:  447.518

         percentiles:       10%      25%      50%      75%      90%
                             69       69       85       852      852
```

```
F53SERTI --------------------------------------------- SEROLOGIC TITERS DONE
                type:  numeric (float)
               label:  F53SERTI
               range:  [1,1]                        units:  1
       unique values:  1              coded missing:  0 / 4

          tabulation:  Freq.   Numeric  Label
                          4        1    NOT DONE
```

F53HEP -------------------------------------- HEPATITIS SECONDARY TO INFECTION
                    type: numeric (float)
                   label: F53HEP

                   range: [1,1]   units: 1
           unique values: 1   coded missing: 0 / 4

              tabulation: Freq.   Numeric Label
                              4   1 NO

F53GSPLF ------------------------------------ GALL STONES PRESENT ON PLAIN FILM
                    type: numeric (float)
                   label: F53GSPLF

                   range: [1,4]   units: 1
           unique values: 3   coded missing: 0 / 4

              tabulation: Freq.   Numeric Label
                              2   1 NO
                              1   3 EQUIVOCAL
                              1   4 NOT DONE

F53GSULT ------------------------------------ GALL STONES PRESENT ON ULTRASOUND
                    type: numeric (float)
                   label: F53GSULT

                   range: [1,4]   units: 1
           unique values: 2   coded missing: 0 / 4

              tabulation: Freq.   Numeric Label
                              3   1 NO
                              1   4 NOT DONE

F53GSOC ------------------------------------- GS PRESENT ON ORAL CHOLECYSTOGRAM
                    type: numeric (float)
                   label: F53GSOC

                   range: [1,4]   units: 1
           unique values: 2   coded missing: 0 / 4

              tabulation: Freq.   Numeric Label
                              1   1 NO
                              3   4 NOT DONE

```
F53CHOL ----------------------------------------- WAS CHOLECYSTECTOMY PERFORMED
                type:  numeric (float)
                label: F53CHOL

                range: [1,1]                        units:  1
        unique values: 1                    coded missing:  0 / 4

            tabulation: Freq.    Numeric  Label
                          4          1  NO


F53LIVBX ---------------------------------------------------------- LIVER BIOPSY
                type:  numeric (float)
                label: F53LIVBX

                range: [1,1]                        units:  1
        unique values: 1                    coded missing:  0 / 4

            tabulation: Freq.    Numeric  Label
                          4          1  NO


F53DXRUQ ----------------------------------------- RUQ SECTION FINAL DIAGNOSIS
                type:  numeric (float)
                label: F53DXRUQ

                range: [1,512]                      units:  1
        unique values: 3                    coded missing:  0 / 4

            tabulation: Freq.    Numeric  Label
                          1          1  CHOLECYS-NO STONES 1
                          0          2  CHOLECYS-STONES 2
                          1          4  PANCREATITIS 4
                          0          8  HEPATITIS A 8
                          0         16  HEPATITIS B 16
                          0         32  HEPATITIS-CYTOMEG. 32
                          0         64  HEPATITIS-EPSTEIN 64
                          0        128  HEPATITIS-OTHER 128
                          0        256  CHOLANGITIS 256
                          2        512  OTHER RUQ DIAGNOSIS 512

F53DXRUQ:
   1.  BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART
       II.
```

F53HFSIT -- SITE OF HAND-FOOT SWELLING
```
                type:  numeric (float)
                label:  F53HFSIT

                range:  [1,16]                    units:  1
        unique values:  15              coded missing:  0 / 49

           tabulation:  Freq.    Numeric  Label
                            3          1  R. HAND 1
                            6          2  L. HAND 2
                           12          3
                            1          4  R. FOOT 4
                            1          6
                            1          7
                            3          8  L. FOOT 8
                            1          9
                            6         10
                            1         11
                            5         12
                            2         13
                            1         14
                            5         15
                            1         16
```

F53HFSIT:
  1. BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART
      II.

F53HFDUR -------------------------------------- DURATION OF HAND-FOOT SYNDROME
```
                type:  numeric (float)

                range:  [1,30]                    units:  1
        unique values:  14              coded missing:  2 / 49

           tabulation:  Freq.  Value
                            2  1
                            6  2
                            8  3
                            8  4
                            6  5
                            2  6
                            2  7
                            3  8
                            1  9
                            3  10
                            1  11
                            2  12
                            2  15
                            1  30
```

NO SEIZURE EVENTS REPORTED

F53HCVA -- PRIOR HISTORY OF CVA
                type: numeric (float)
                label: F53HCVA

                range: [1,2]   units: 1
        unique values: 2   coded missing: 0 / 4

           tabulation: Freq.   Numeric Label
                         3   1 NO
                         1   2 YES

F53HCVAN --- NUMBER OF PREVIOUS CVAS
                type: numeric (float)

                range: [1,1]   units: 1
        unique values: 1   coded missing: 3 / 4

           tabulation: Freq.   Value
                         1 1

F53HTIA -- PRIOR HISTORY OF TIA
                type: numeric (float)
                label: F53HTIA

                range: [1,1]   units: 1
        unique values: 1   coded missing: 0 / 4

           tabulation: Freq.   Numeric Label
                         4   1 NO

F53HTIAN --- NUMBER OF PREVIOUS TIAS
                type: numeric (float)

                range: [.,.]   units: .
        unique values: 0   coded missing: 4 / 4

           tabulation: Freq.   Value

F53HMEN -- HISTORY OF MENINGITIS
                type: numeric (float)
                label: F53HMEN

                range: [1,2]   units: 1
        unique values: 2   coded missing: 1 / 4

           tabulation: Freq.   Numeric Label
                         2   1 NO
                         1   2 YES

F53HMENN -------------------------------- NUMBER OF PREVIOUS MENINGITIS EVENTS
              type: numeric (float)

             range: [1,1]   units: 1
     unique values: 1   coded missing: 3 / 4

        tabulation: Freq. Value
                        1   1

F53HSHT -- HISTORY OF SEVERE HEAD TRAUMA
              type: numeric (float)
              label: F53HSHT

             range: [1,1]   units: 1
     unique values: 1   coded missing: 0 / 4

        tabulation: Freq.   Numeric Label
                        4   1   NO

F53HSHTN ------------------------------------ NUMBER OF SEVERE HEAD INJURIES
              type: numeric (float)

             range: [.,.]   units: .
     unique values: 0   coded missing: 4 / 4

        tabulation: Freq. Value

F53CATS --- CAT SCAN RESULTS
              type: numeric (float)
              label: F53CATS

             range: [1,4]   units: 1
     unique values: 2   coded missing: 0 / 4

        tabulation: Freq.   Numeric Label
                        2   1   NOT DONE
                        2   4   DONE-ABNORMAL,RECD

F53ART --- ARTERIOGRAM RESULTS
              type: numeric (float)
              label: F53ART

             range: [1,1]   units: 1
     unique values: 1   coded missing: 0 / 4

        tabulation: Freq.   Numeric Label
                        4   1   NOT DONE

```
F53BRSCN ---------------------------------------------- BRAIN SCAN RESULTS
               type:  numeric (float)
               label: F53BRSCN
               range: [1,4]                      units:  1
       unique values: 2                  coded missing:  0 / 4

          tabulation: Freq.   Numeric  Label
                        3         1   NOT DONE
                        1         4   DONE-ABNORMAL,RECD


F53MRI ------------------------------------------------------- MRI RESULTS
               type:  numeric (float)
               label: F53MRI
               range: [1,4]                      units:  1
       unique values: 2                  coded missing:  0 / 4

          tabulation: Freq.   Numeric  Label
                        2         1   NOT DONE
                        2         4   DONE-ABNORMAL,RECD


F53DXCVA ---------------------------------------- CVA SECTION FINAL DIAGNOSIS
               type:  numeric (float)
               label: F53DXCVA
               range: [1,1]                      units:  1
       unique values: 1                  coded missing:  0 / 4

          tabulation: Freq.   Numeric  Label
                        4         1   CEREBRAL VESSEL OCCL. 1
                        0         2   TIA 2
                        0         4   SUBARACHNOID HEM. 4
                        0         8   OTHER HEMORRHAGE 8

F53DXCVA:
  1.  BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART
      II.


F53NERV1 ---------------------------------------------------- CVA-NERVE 1
               type:  numeric (float)
               range: [.,.]                      units:  .
       unique values: 0                  coded missing:  4 / 4

          tabulation: Freq.  Value


F53NERV2 ---------------------------------------------------- CVA-NERVE 2
               type:  numeric (float)
               range: [.,.]                      units:  .
       unique values: 0                  coded missing:  4 / 4

          tabulation: Freq.  Value
```

F53HSEQ ------------------------------------- HISTORY OF SPLENIC SEQUESTRATION

```
            type:  numeric (float)
           label:  F53HSEQ

           range:  [1,2]                        units:  1
   unique values:  2                    coded missing:  1 / 57

      tabulation:  Freq.   Numeric  Label
                     31         1   NO
                     25         2   YES
```

F53HSEQN ------------------------------ NUMBER PREVIOUS SPLENIC SEQUESTRATIONS

```
            type:  numeric (float)

           range:  [0,4]                        units:  1
   unique values:  5                    coded missing:  34 / 57

      tabulation:  Freq.  Value
                     5   0
                     9   1
                     4   2
                     3   3
                     2   4
```

F53HSEQN:
  1. Required only if F53HSEQ=2.

F53HAPC -- HISTORY OF APLASTIC CRISIS

```
            type:  numeric (float)
           label:  F53HAPC

           range:  [1,2]                        units:  1
   unique values:  2                    coded missing:  2 / 57

      tabulation:  Freq.   Numeric  Label
                     47         1   NO
                      8         2   YES
```

F53HAPCN ---------------------------------- NUMBER OF PREVIOUS APLASTIC CRISES

```
            type:  numeric (float)

           range:  [0,3]                        units:  1
   unique values:  4                    coded missing:  49 / 57

      tabulation:  Freq.  Value
                     2   0
                     4   1
                     1   2
                     1   3
```

F53SPLP -- WAS SPLEEN PALPABLE
```
              type:  numeric (float)
              label: F53SPLP
              range: [1,3]                     units:  1
      unique values:  3              coded missing:  3 / 57

         tabulation: Freq.   Numeric  Label
                       22        1    NO
                       23        2    YES
                        9        3    NA
```

F53SPLTP --- SPLEEN SIZE BELOW LCM
```
              type:  numeric (float)
              range: [1,9]                     units:  1
      unique values:  8              coded missing:  35 / 57

         tabulation: Freq.   Value
                        4    1
                        4    2
                        2    3
                        4    4
                        2    6
                        4    7
                        1    8
                        1    9
```

F53SPLTP:
  1. Required only if F53SPLP=2.

F53CBCHB --- HEMOGLOBIN
```
              type:  numeric (float)
              range: [2.8,9]                   units:  .1
      unique values:  37             coded missing:  2 / 57

              mean:   5.42909
          std. dev:   1.27551

        percentiles:       10%      25%      50%      75%      90%
                           3.7      4.6      5.3      6.1      7.3
```

F53CBCHC --- HEMATOCRIT
```
              type:  numeric (float)
              range: [7.6,27.3]                units:  .1
      unique values:  42             coded missing:  2 / 57

              mean:   16.2618
          std. dev:   4.26308

        percentiles:       10%      25%      50%      75%      90%
                          11.2     13.4      16       19       23
```

F53CBCMV --- MCV

```
            type:  numeric (float)

           range:  [70,98]                        units:  1
   unique values:  23                     coded missing:  10 / 57

            mean:  84.1702
        std. dev:  7.24214

     percentiles:        10%      25%      50%      75%      90%
                         75       79       84       90       95
```

F53RETIC --- RETICULOCYTE COUNT

```
            type:  numeric (float)

           range:  [0,44.6]                       units:  .1
   unique values:  42                     coded missing:  6 / 57

            mean:  10.3373
        std. dev:   9.9004

     percentiles:        10%      25%      50%      75%      90%
                         .2       2.2      8.3      14.4     24.8
```

F53PLATE --- PLATELET COUNT

```
            type:  numeric (float)

           range:  [70,960]                       units:  1
   unique values:  49                     coded missing:  7 / 57

            mean:  348.76
        std. dev:  216.509

     percentiles:        10%      25%      50%      75%      90%
                         115.5    173      306.5    487      675.5
```

F53NRBC -- NUCLEATED RBCS

```
            type:  numeric (float)

           range:  [0,402]                        units:  1
   unique values:  17                     coded missing:  14 / 57

            mean:  21.4884
        std. dev:  69.8394

     percentiles:        10%      25%      50%      75%      90%
                         0        0        3        9        33
```

F53PARVO --- PARVOVIRUS
                type: numeric (float)
               label: F53PARVO

               range: [1,3]   units: 1
       unique values: 2   coded missing: 3 / 57

          tabulation: Freq.   Numeric Label
                          6   1 NEGATIVE
                         48   3 NOT DONE

F53CMBD -- DIRECT COOMBS TEST
                type: numeric (float)
               label: F53CMBD

               range: [1,3]   units: 1
       unique values: 3   coded missing: 3 / 57

          tabulation: Freq.   Numeric Label
                         25   1 NEGATIVE
                          1   2 POSITIVE
                         28   3 NOT DONE

F53IGG --- ANTI-IGG
                type: numeric (float)
               label: F53IGG

               range: [1,3]   units: 1
       unique values: 2   coded missing: 3 / 57

          tabulation: Freq.   Numeric Label
                         19   1 NEGATIVE
                         35   3 NOT DONE

F53C3 --- ANTI-C3
                type: numeric (float)
               label: F53C3

               range: [1,3]   units: 1
       unique values: 3   coded missing: 3 / 57

          tabulation: Freq.   Numeric Label
                         16   1 NEGATIVE
                          1   2 POSITIVE
                         37   3 NOT DONE

F53CMBI -- INDIRECT COOMBS TEST
                type: numeric (float)
                label: F53CMBI

                range: [1,3]   units: 1
        unique values: 3   coded missing: 3 / 57

           tabulation: Freq.   Numeric Label
                         23   1   NEGATIVE
                          2   2   POSITIVE
                         29   3   NOT DONE

F53SPANT ----------------------------- ANTIBODY TO RED CELL ANTIGEN IDENTIFIED
                type: numeric (float)
                label: F53SPANT

                range: [1,2]   units: 1
        unique values: 2   coded missing: 2 / 57

           tabulation: Freq.   Numeric Label
                         54   1   NO
                          1   2   YES

F53ANTG1 --- ANTIGEN 1
                type: string (str4)

        unique values: 2   coded missing: 55 / 57

           tabulation: Freq.   Value
                          1   "1"
                          1   "9998"

F53ANTG1:
  1. Required only if F53SPANT=2.
  2. See Appendix (?) for list of antigens.

```
F53SPLN ------------------------------------------------ PATIENT SPLENECTOMIZED
                type:  numeric (float)
               label:  F53SPLN

               range:  [1,1]                          units:  1
       unique values:  1                      coded missing:  1 / 57

         tabulation:  Freq.   Numeric  Label
                        56          1  NO



F53DXAAE --------------------------------- ACUTE ANEMIC EVENT SECTION FINAL DX
                type:  numeric (float)
               label:  F53DXAAE

               range:  [1,12]                         units:  1
       unique values:  8                      coded missing:  1 / 57

         tabulation:  Freq.   Numeric  Label
                        18          1  APLASTIC CRISIS 1
                        20          2  SEQUESTRATION 2
                        10          4  AAE, NATURE UNCLEAR 4
                         2          8  OTHER AAE 8
                         2          9
                         2         10
                         1         11
                         1         12
```

F53DXAAE:
  1. BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART
      II.

NO PRIAPISM EVENTS REPORTED

```
_dta:
  1.  Run on 06/30/99
```

A. CSSCD Forms (collection) and Datasets (storage) Relating to Event Follow-up:

Form #	Name of Form	Collected	Patient Population	SAS Dataset
52	Acute Event Treatment Follow-Up	03/01/79-05/31/86	All	**R52.SD2**
		06/01/86-12/31/86	Patients entered at < 6 months of age	

A. <u>List of variables deleted</u>   **F52DATE F52INIT F52NDATE F52LASTU F52LASTE**

F52ESTAT F52VDATE F52MTD1-F52MTD3

B.   <u>List of variables modified</u>   **NONE**

C. <u>List of variables modified with a name change</u>   **NONE**

D.   <u>Old name</u>

E.   <u>New name</u>

F. <u>List of variables modified date to days since DOE</u>

G.   <u>Old name</u>   **F52DATE   F52NOSYM**

H.   <u>New name</u>   **JF52DATE J52NOSYM**

A. <u>Collection Information</u>:

Form 52 (**Acute Event Treatment Follow-Up**) was filled out whenever one of

the following acute event forms was completed:

Form #	Event	See Section
30	Pain	7.1
32	Acute Chest	7.2
34	Right Upper Quadrant	7.3
36	Skeletal & Joint	7.1
38	Hand-Foot	7.4
42	Meningitis	7.5
44	CVA	7.5
46	Acute Anemia	7.6
48	Acute Fever/Sepsis	7.7
50	Acute Priapism	7.8

The form collects information about treatment (transfusion, medications)

prescribed and administered in the hospital or for home use, complications,

resolution of symptoms, and final diagnosis. The form was used whenever a study

patient sought care at a study institution for one of the acute events listed above

regardless of whether the patient was hospitalized for the event, with the following

exceptions:

Event	Acute Event Form # Associated With Form 52	Time Period	Completed only for
Pain	30	10/80-05/82	Painful events for which patient was <u>not</u> hospitalized
Skeletal & Joint	36	10/80-06/86	Skel. & joint events for which patient was <u>not</u> hospitalized

| Acute Chest | 32 | 10/80-06/86 | Acute chest events for which patient was <u>not</u> hospitalized |
| | | 06/86-12/86 | Acute chest events for which patient was <u>not</u> hospitalized |

If a patient was hospitalized for any of these three events during the time periods specified above, the information regarding treatment, final diagnosis, etc. was collected on the accompanying flow sheet form (Form 31 for painful and skeletal & joint events reported on Form 30 or Form 36, or Form 33 for acute chest syndrome events reported on Form 32). It was not uncommon for a patient to be hospitalized for overlapping acute events during the time periods specified above (e.g., concurrent acute chest syndrome and acute anemia events). In such cases, the last section of the acute chest flow sheet form (Form 33) could serve as a substitute for a Form 52. A value of "31" or "33" for the **FxxFRM52** variable stored in most acute event records (30, 32, 34, 36, 40, 42, 44, 46, 48) means the flow sheet form (31 or 33) was used, rather than Form 52, for recording treatment information.

B. <u>Data Collection Period</u>: 03/79 – 12/86

C. <u>Form Version Dates</u>: 03/01/79, 09/30/80

D. <u>Files Used to Store Information</u>:
   SAS System File: **R52.SD2**
   Format File: **R52.FMT**

E. <u>Unique Record Identifiers</u>: **ANONID**, **F52DATE**, **F52TYPE**
   Records within the dataset are sorted by **ANONID**, **F52DATE**, and **F52TYPE**.

F. <u>Number of observations (Patients) in SAS Dataset</u>: 7905 (2128)

G. <u>Contents of SAS Dataset</u>:
   - Alphabetical Listing of Variables: See pp. 940-941
   - Listing of Variables by Position: See p. 942

H. <u>Notes About Selected Variables</u>:
   - **F52MDT1-3** – are the variable names for dates medications were prescribed during hospitalization. The dates are 4-digit integers consisting of month and day (MMDD).

- **F52HMDT1-2** – are variable names for dates medications for home use were prescribed. The dates are 4-digit integers consisting of month and day (MMDD).
- **F52NOSYM** – is the variable name for date symptoms disappeared. The date value will be missing if the patient died or if the Form 52 accompanied a CVA event form (Form 44) and symptoms persisted beyond the date of discharge.
- **F52DIAG1-5** – are variable names for ICDA codes for final diagnosis. The diagnoses were coded by SCC staff who used The International Classification of Diseases (ICD-9) codebook for coding. The variables were defined as numeric. Therefore, no alphabetic characters were used. Coders were instructed to enter "V" code diagnoses as negative numbers—e.g., V22.2 (pregnant) would be entered as –22.2. However, this policy was not well followed. Consequently, some codes with values of < 100 may be "V" codes. The more likely diagnosis for the value 22.2 would be "pregnancy" (V22.2) rather than "gastrointestinal anthrax" (22.2). Moreover, disease codes with values of < 100 cannot be distinguished from diagnostic or surgical procedure codes—e.g., the more likely interpretation for the code 51.2 would be "cholescystectomy" rather than "contagious pustular dermatitis" especially if the Form 52 was completed in conjunction with a Form 34 (Right Upper Quadrant event).

I. Computed Variables: None

J. Inter-Relationship With Other Datasets:

  1. Acute Event Source Forms/Datasets

        Form 52 was used in conjunction with all of the "long" acute event source forms. Consequently, a "Record 52" should link by date to at least one of the records listed below which store acute event data. In most cases, a given "Record 52" will link by date with the "record" number value of **F52TYPE**—e.g., if *date patient first sought care* (**F52DATE**) is "3-12-81" and the value of **F52TYPE** is "48", there should be an acute febrile event record (Record 48) on the database with the date "3-12-81". The table below summarizes the time period during which Form 52 was used in conjunction with each acute event. The **FxxFRM52** variable in each acute event "record" which has the value of **F52TYPE** needed, in addition to the date, to link a "Record 52" with the appropriate acute event "record" is also given.

SAS Dataset	Source Form #	Event	Variable With Value of **F52TYPE**	Time Period Source Form Used	Restrictions
R30.SD2	30	Pain	**F30FRM52**	03/79-10/80	
				10/80-05/82	Patient not hospitalized
R36.SD2	36	Skeletal & Joint	**F36FRM52**	03/79-10/80	
				10/80-06/86	Patient not hospitalized
				06/86-12/86	Patient not hospitalized; entry at < 6 mos. Of age
R32.SD2	32	Acute Chest Syndrome	**F32FRM52**	03/79-10/80	
				10/80-07/85	Patient not hospitalized
				07/85-06/86	Patient not hospitalized; all non-SS patients + SS patients < 6 years of age
				06/86-12/86	Patient not hospitalized; all non-SS entered at < 6 months + SS < 6 years entered at < 6 months
R34.SD2	34	Right Upper	**F34FRM52**	03/79-06/86	

		Quadrant Syndrome			
				06/86-12/86	Entry at < 6 months of age
R38.SD2	38	Hand-Foot Syndrome	----------	03/79-06/86	
				06/86-12/86	Entry at < 6 months of age
R40.SD2	40	Seizures	**F40FRM52**	03/79-06/86	
				06/86-12/86	Entry at < 6 months of age

SAS Dataset	Source Form #	Event	Variable With Value of **F52TYPE**	Time Period Source Form Used	Restrictions
R42.SD2	42	Meningitis	**F42FRM52**	03/79-06/86	
				06/86-12/86	Entry at < 6 months of age
R44.SD2	44	CVA	**F44FRM52**	03/79-06/86	
				06/86-12/86	Entry at < 6 months of age
R46.SD2	46	Acute Anemic	**F46FRM52**	03/79-06/86	
				06/86-12/86	Entry at < 6 months of age
R48.SD2	48	Acute Febrile	**F48FRM52**	03/79-02/85	
R50.SD2	50	Priapism	----------	03/79-09/85	

See section(s) dealing specifically with the acute event of interest for additional details.

2. Other Sources Which Collect/Store Treatment Information for Acute Events (Form 52 not required) are:

CSSCD Phase 1 Forms	**SAS Dataset**
Form 31	**R31.SD2**
Form 33	**R33.SD2**
Form 51E	**R81.SD2**

Treatment and final diagnosis information for a few acute events occurring during a portion of the study period are stored in hospital "flow sheet" "records" rather than "Record 52." The flow sheet "records" are linked to the acute event source record by date. The value of the **FxxFRM52** variable in the acute event source record will be equal to the flow sheet "record" # which contains the treatment information. The summary table below lists "flow sheet" datasets which contain treatment/diagnosis information.

Flow Sheet Dataset	Event	Source Record #	Source Form #	In Effect During Time Period	Restrictions
R31.SD2	Pain	30 (**F30FRM52**=31)	30	10/80-05/82	Patient hospitalized
R31.SD2	Skeletal & Joint	36 (**F36FRM52**=31)	36	10/80-06/86	Patient hospitalized
				06/86-12/86	Patient hospitalized; entry age < 6 months
R33.SD2	Acute Chest	32 (**F32FRM52**=33)	32	10/80-07/85	Patient hospitalized
				07/85-06/86	Patient hospitalized; all non-SS patients + SS patients < 6 years of age
				06/86-12/86	Patient hospitalized; all non-SS patients entered at < 6 months of age + SS patients < 6 years of age who were entered at < 6 months of age
R81.SD2	Acute Priapism	80	50E	09/85-06/86	Patient hospitalized
				06/86-12/86	Patient hospitalized; entry age < 6 months

3. Acute Event Source Forms/Datasets Which Do Not Require Flow Sheet or Acute Treatment Follow-Up Forms are:

CSSCD Phase 1   **SAS Dataset**

Form 54   **R61.SD2**
Form 32E   **R43.SD2**
Form 48E   **R58.SD2**
Form 53   **R53.SD2**

Completion of the Acute Event Treatment Follow-Up form (Form 52) was <u>not</u> required when "short" versions of an event form were used. In addition, Form 52 was not completed in conjunction with acute events reported on the Comprehensive Special Event Form For Patients Entered At < 6 Months of Age (Form 53).

4. Forms/Datasets Used for Collection/Storage of Detailed Surgery & Transfusion Treatment Information are:

   CSSCD Phase 1 Forms   **SAS Dataset**

   Form 83   **R83.SD2**
   Form 84   **R84.SD2**

If surgery was performed in conjunction with an acute event, a surgery form (Form 83) should be in the dataset **R84.SD2** [See Section 9.1]. If a transfusion was given for an event, a transfusion form (Form 84) should be in the dataset **R84.SD2** [See Section 9.2]. Information from "Record 83" (or "Record 84") can be retrieved by searching through records with **F83DATE**s (or **F84DATE**s) which fall between the *date patient first sought care* (**FxxDATE**) for a given acute event and **FxxDATE + FxxDHOSP**).

5. Death as a Complication of an Acute Event or Treatment of an Acute Event
   The Acute Event Treatment Follow-Up Form has only a non-specific question about complications. In order to determine whether a patient died within a specified time period after a given acute event occurred, the death dataset (**R91.SD2**) must be searched to determine whether the date of death (**F91DATE**) fell within the time period specified. An easier alternative for getting this information is to use the variables **STATUS** and **STATUSD** in the patient roster dataset (**R09.SD2**) to determine whether **STATUS**=5 (dead) and **STATUSD** (date of status) falls within the specified time period.

CODEBOOK FOR CSSCD FORM 52
ACUTE EVENT TREATMENT FOLLOW-UP

CONTENTS OF SAS DATASET: R52.SD2
DATA FROM CSSCD FORM 52 - ACUTE EVENT TREATMENT FOLLOW-UP
VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION
IN THE SAS DATASET AND ON FORM 52
The SAS System   10:35 Wednesday, January 31, 2007 19

The CONTENTS Procedure

Data Set Name	OUT1.R52	Observations	7905
Member Type	DATA	Variables	25
Engine	V9	Indexes	0
Created	10:17 Friday, January 26, 2007	Observation Length	200
Last Modified	10:17 Friday, January 26, 2007	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	98
First Data Page	1
Max Obs per Page	81
Obs in First Data Page	61
Number of Data Set Repairs	0
File Name	r52.sas7bdat
Release Created	9.0000M0
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
16	F52COMP	Num	8	COMPLICATIONS FROM TREATMENT
19	F52DIAG1	Num	8	ICDA CODE OF FINAL DIAGNOSIS 1
20	F52DIAG2	Num	8	ICDA CODE OF FINAL DIAGNOSIS 2
21	F52DIAG3	Num	8	ICDA CODE OF FINAL DIAGNOSIS 3
22	F52DIAG4	Num	8	ICDA CODE OF FINAL DIAGNOSIS 4
23	F52DIAG5	Num	8	ICDA CODE OF FINAL DIAGNOSIS 5
9	F52HMCD1	Num	8	HOME-MEDICATION CODE 1
10	F52HMCD2	Num	8	HOME-MEDICATION CODE 2
11	F52HMCD3	Num	8	HOME-MEDICATION CODE 3
12	F52HMND1	Num	8	HOME-NO. DAYS MED 1 PRESCRIBED
13	F52HMND2	Num	8	HOME-NO. DAYS MED 2 PRESCRIBED
14	F52HMND3	Num	8	HOME-NO. DAYS MED 3 PRESCRIBED
17	F52INBED	Num	8	DAYS STAYED IN BED
3	F52MCD1	Num	8	HOSP.-MEDICATION CODE 1
4	F52MCD2	Num	8	HOSP.-MEDICATION CODE 2
5	F52MCD3	Num	8	HOSP.-MEDICATION CODE 3
6	F52MND1	Num	8	HOSP.-NO. DAYS MED 1 PRESCRIBED
7	F52MND2	Num	8	HOSP.-NO. DAYS MED 2 PRESCRIBED

8	F52MND3	Num	8	HOSP.-NO. DAYS MED 3 PRESCRIBED
18	F52MSWRK	Num	8	DAYS MISSED WORK OR SCHOOL
15	F52TRANS	Num	8	TRANSFUSED DURING TREATMENT
2	F52TYPE	Num	8	ASSOCIATED SPECIAL EVENT CODE
25	J52NOSYM	Num	8	DATE SYMPTOMS GONE - RECODE DAYS SINCE DOE
24	JF52DATE	Num	8	DATE FIRST SOUGHT CARE - RECODE DAYS SINCE DOE

```
****************************************************************************
* R52.FMT contains value labels for numerical codes assigned to categorical  *
* variables in the SAS dataset R52.SD2                                       *
****************************************************************************;


* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD
    06/07/99 12:55:03;



PROC FORMAT;



*   FORMAT F52TYPE IS DEFINED FOR VARIABLE F52TYPE;

   VALUE F52TYPE
     30              = 'PAIN'
     32              = 'ACUTE CHEST'
     34              = 'RIGHT UPPER QUADRANT'
     36              = 'SKELETAL & JOINT'
     38              = 'HAND-FOOT'
     40              = 'SEIZURES'
     42              = 'MENINGITIS'
     44              = 'CVA'
     46              = 'ACUTE ANEMIC EVENT'
     48              = 'ACUTE FEBRILE EVENT'
     50              = 'PRIAPISM';


*   FORMAT F52MND IS DEFINED FOR VARIABLE F52MND1 F52MND2 F52MND3;

   VALUE F52MND
     98              = 'PRN'
     99              = 'ONGOING';




*   FORMAT F52HMND IS DEFINED FOR VARIABLE F52HMND1 F52HMND2 F52HMND3;

   VALUE F52HMND
     98              = 'PRN'
     99              = 'ONGOING';




*   FORMAT NOYES IS DEFINED FOR VARIABLES F52TRANS F52COMP;

   VALUE NOYES
     1               = 'NO'
     2               = 'YES'
     3               = '??';


*   FORMAT F52INBED IS DEFINED FOR VARIABLE F52INBED;
```

```
  VALUE F52INBED
    -2               = 'NO DAYS';



*  FORMAT F52MSWRK IS DEFINED FOR VARIABLE F52MSWRK;

  VALUE F52MSWRK
    -3               = 'NO DAYS'
    -2               = 'N.A.';



*   FORMAT F52TYPE F52TYPE.
          F52MND1 F52MND2 F52MND3 F52MND.
          F52HMND1 F52HMND2 F52HMND3 F52HMND.
          F52TRANS F52COMP NOYES.
          F52INBED F52INBED.
          F52MSWRK F52MSWRK.;

RUN;
QUIT;
```

```
f52type ----------------------------------------- associated special event code
                type:  numeric (float)
               label:  f52type

               range:  [30,50]                    units:  1
       unique values:  11              coded missing:  0 / 7905

         tabulation:  Freq.   Numeric  Label
                      3746         30  pain
                       451         32  acute chest
                       275         34  right upper quadrant
                       206         36  skeletal & joint
                       207         38  hand-foot
                        20         40  seizures
                        30         42  meningitis
                        79         44  cva
                       411         46  acute anemic event
                      2374         48  acute febrile event
                       106         50  priapism


f52vdate --------------------------------------------------- version date        DELETED
                type:  numeric (int)
               label:  datelab

               range:  [6999,7578]                units:  1
       unique values:  2               coded missing:  0 / 7905

         tabulation:  Freq.   Numeric  Label
                      2060       6999  03/01/79
                      5845       7578  09/30/80
```

```
f52mcd1 ------------------------------------------------ hosp.-medication code 1
                 type:  numeric (float)
                 range:  [0,999]                      units:  1
          unique values:  183          coded missing:  1529 / 7905
```

tab: Freq.	Value	tab: Freq.	Value	tab: Freq.	Value	tab: Freq.	Value
2	0	1	141	4	328	1	470
1	1	1	151	3	329	548	480
8	3	3	156	3	331	201	481
16	6	1	157	2	332	2	482
20	7	2	159	2	334	7	484
1	11	5	160	16	336	1	486
1	12	6	161	179	337	2	487
2	20	1	164	3	338	1	500
5	21	25	170	3	339	1	503
2	24	2524	171	1	341	11	512
56	25	3	174	1	343	1	514
5	26	1	175	17	344	3	515
1	27	3	176	1	347	1	516
1409	28	1	177	1	356	1	517
1	33	1	180	1	359	6	519
8	44	12	190	13	361	2	521
1	45	18	191	3	364	2	522
2	46	33	192	6	367	1	528
1	48	3	196	90	369	2	530
2	56	1	214	56	370	1	534
3	59	1	222	60	371	6	536
1	61	3	227	1	372	1	537
1	64	51	231	12	374	3	540
1	66	1	239	17	375	125	541
13	67	1	240	1	376	1	542
1	71	1	247	1	379	3	550
1	75	131	249	15	382	1	551
8	92	1	254	4	391	6	553
5	93	26	259	4	396	23	554
4	94	2	269	28	397	1	557
1	95	4	270	1	400	1	559
2	99	8	279	1	409	1	560
2	101	1	280	1	410	2	561
23	102	2	285	1	413	56	562
2	106	2	286	1	418	14	563
1	111	2	290	2	420	2	564
2	119	1	295	1	421	1	567
2	121	4	296	3	429	1	568
4	122	4	298	1	441	1	571
1	125	6	300	3	443	2	577
120	126	2	304	7	449	21	582
1	127	5	306	4	452	1	599
8	128	1	315	2	462	1	867
5	130	1	316	1	463	5	998
1	133	2	319	1	464	40	999
1	137	16	323	2	467		

f52mcd1:

 1. See Appendix D - CODED DRUG LIST

f52mcd2 -- hosp.-medication code 2

           type: numeric (float)

           range: [0,999]   units: 1
    unique values: 209   coded missing: 3010 / 7905

tab:	Freq.	Value		tab:	Freq.	Value		tab:	Freq.	Value
	12	0							6	300
	12	3			1	160			1	304
	24	6			1	161			12	306
	14	7			2	164			1	315
	2	9			5	170			1	319
	1	10			255	171			1	321
	3	11			1	175			3	323
	1	16			1	181			4	328
	1	18			1	189			7	329
	1	20			13	190			2	335
	13	21			10	191			2	336
	2	24			26	192			55	337
	143	25			1	195			9	338
	9	26			9	196			1	341
	1	27			3	209			6	342
	363	28			1	213			1	343
	1	34			1	215			15	344
	14	44			1	222			1	351
	6	46			1	227			16	361
	3	48			6	230			7	367
	2	49			59	231			39	369
	14	56			2	237			39	370
	4	57			5	239			64	371
	28	59			1	240			3	372
	2	62			1	244			11	374
	1	66			3	245			6	375
	6	67			4	248			1	376
	1	75			255	249			1	377
	2	82			1	251			1	379
	7	92			2	254			2	380
	1	94			2	256			17	381
	2	101			53	259			619	382
	101	102			1	265			1	383
	1	103			6	270			1	384
	15	106			1	271			1	385
	1	107			5	274			1	387
	4	119			1	275			10	391
	2	120			2	276			10	397
	2	121			1	278			1	404
	6	122			155	279			1	408
	4	125			2	280			1	413
	99	126			7	282			1	414
	1	127			2	285			1	416
	2	128			2	286			2	417
	9	130			3	289			1	419
	1	152			3	296			1	420
	11	156			6	298			1	422
	4	159			7	299			1	423
									2	424

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	429		2	489		36	541
	2	430		1	491		1	545
	5	434		1	497		2	550
	1	435		1	500		2	553
	1	436		2	506		40	554
	1	439		1	509		2	557
	3	443		18	512		3	559
	1	444		2	514		31	562
	1	448		8	515		1	563
	5	449		3	516		1	565
	2	452		1	517		1	566
	3	457		1	518		4	570
	1	460		881	519		1	571
	2	462		2	521		1	577
	5	463		2	522		2	579
	4	464		1	527		7	582
	1	465		1	530		2	591
	1	469		1	534		1	990
	706	480		2	536		1	991
	136	481		1	537		8	998
	9	484		1	539		40	999
	1	487		2	540			

f52mcd2:

1. See Appendix D - CODED DRUG LIST

```
f52mcd3 ------------------------------------------------ hosp.-medication code 3
                type:  numeric (float)
                range:  [0,999]                          units:  1
        unique values:  192              coded missing:  5230 / 7905
```

tab:	Freq.	Value		tab:	Freq.	Value		tab:	Freq.	Value
	2	0								
	11	3			2	161			1	322
	26	6			1	170			16	328
	25	7			230	171			2	329
	4	11			1	182			6	332
	1	19			1	189			1	334
	6	20			18	190			2	335
	10	21			13	191			2	336
	96	25			27	192			53	337
	2	26			9	196			9	338
	171	28			1	206			8	341
	1	29			3	209			4	342
	1	31			2	215			19	344
	1	33			1	217			2	347
	1	34			1	218			1	349
	2	41			2	222			1	352
	18	44			1	226			5	355
	6	46			4	230			15	361
	1	48			42	231			13	367
	15	56			2	239			32	369
	1	57			1	240			24	370
	24	59			3	245			43	371
	2	67			1	246			3	372
	1	77			4	248			14	374
	1	85			306	249			25	375
	1	88			2	254			1	379
	1	91			25	259			2	381
	11	92			2	270			69	382
	1	95			2	275			2	387
	1	96			3	276			4	391
	3	101			20	279			2	394
	34	102			1	280			5	397
	4	106			2	282			1	402
	5	119			1	284			1	409
	4	121			3	285			2	410
	5	122			5	286			1	413
	5	125			1	287			4	420
	60	126			3	289			1	424
	2	127			1	294			4	429
	4	128			1	295			1	430
	5	130			9	296			6	434
	1	134			1	297			3	435
	12	137			2	298			2	441
	2	151			3	299			10	443
	3	152			1	300			1	445
	18	156			12	306			4	449
	2	159			1	309			2	452
	1	160			3	311			1	459
					1	316			8	462

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	6	463		1	509		4	553
	3	464		4	512		38	554
	1	465		2	514		1	557
	1	467		8	515		10	559
	1	471		6	516		17	562
	362	480		1	517		1	563
	209	481		57	519		1	564
	12	484		2	522		1	565
	1	487		1	530		1	569
	1	489		2	534		2	570
	1	491		1	536		1	572
	1	497		2	537		1	576
	1	500		3	539		1	577
	6	503		1	540		2	582
	1	506		13	541		6	998
	1	508		3	550		40	999

f52mcd3:

1. See Appendix D - CODED DRUG LIST

f52hmcd1 --- home-medication code 1

              type: numeric (float)

            range: [0,999]   units: 1
     unique values: 204   coded missing: 2069 / 7905

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	5	0					2	286
	1	2		6	157		1	287
	15	3		2	158		2	289
	27	6		13	159		3	290
	117	7		23	160		1	296
	10	11		4	161		16	298
	1	18		1	165		2	299
	3	20		1	168		2	300
	5	21		1	170		2	304
	2	23		402	171		4	306
	2	24		1	175		3	311
	587	25		3	181		1	314
	14	26		1	182		2	316
	541	28		14	190		2	317
	2	29		18	191		1	319
	1	33		81	192		1	321
	4	41		1	193		4	323
	25	44		1	194		32	328
	2	45		8	196		2	332
	1	47		5	209		4	337
	2	48		1	218		20	338
	1	49		4	220		1	339
	1	52		27	222		1	340
	34	56		1	228		5	342
	5	57		6	230		1	344
	4	59		114	231		1	349
	3	67		4	237		1	351
	1	92		1	238		3	355
	2	94		4	239		4	361
	2	95		4	240		1	365
	2	98		2	241		65	367
	1	99		7	243		55	369
	4	102		2	244		5	370
	3	106		2	245		281	371
	1	111		1	246		3	372
	2	119		6	248		95	374
	1	121		426	249		222	375
	9	125		1	251		3	376
	171	126		5	254		1	378
	7	127		2	259		1	379
	4	128		1	271		2	382
	1	129		1	275		2	387
	1	130		1	276		14	391
	1	131		3	279		2	394
	3	137		1	280		2	397
	1	151		1	281		1	401
	1	152		1	282		1	409
	1	156		4	285		1	413
							1	414

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	417		1	467		1	530
	1	418		473	480		3	537
	4	420		1176	481		4	539
	1	421		6	482		1	540
	1	423		1	483		3	541
	15	429		2	484		16	545
	8	430		9	487		2	553
	5	434		1	491		124	554
	1	436		1	507		23	559
	1	439		1	509		1	560
	5	443		24	512		7	562
	1	446		1	513		2	564
	1	448		6	515		1	565
	59	449		21	516		2	576
	1	450		2	517		1	579
	1	451		1	518		1	581
	7	452		7	519		1	599
	1	459		5	521		1	991
	11	462		13	522		8	998
	4	463		1	528		18	999

f52hmcd1:

  1. See Appendix D - CODED DRUG LIST

f52hmcd2 -- home-medication code 2

```
               type:  numeric (float)

                range:  [0,999]                    units:  1
        unique values:  172            coded missing:  5919 / 7905
                                                            1  337
tab:  Freq.  Value                                   tab:  Freq.  Value
       2  0                  tab:  Freq.  Value             11  338
      14  3                    1  166                        6  341
       1  4                    1  170                        5  342
       8  6                   53  171                        2  347
      11  7                    1  181                        2  349
       6  11                  23  190                        1  351
       7  19                  15  191                        1  361
       1  20                  19  192                       13  367
       4  21                  17  196                       20  369
       1  24                  14  209                        1  370
      52  25                   1  217                       90  371
       3  26                   3  218                        2  372
      69  28                   3  222                       16  374
       1  33                   1  228                       38  375
       1  36                   1  230                        1  378
      13  44                  47  231                        1  381
       1  45                   4  237                       28  382
       3  46                   1  238                        4  391
       2  48                   4  239                        1  394
       2  49                   4  240                        1  397
      13  56                   2  243                        1  404
       5  57                   3  245                        2  409
      17  59                   3  248                        2  410
       1  66                 434  249                        2  413
       1  67                   7  254                        2  417
       1  78                   1  259                        1  419
       1  83                   1  274                        9  420
       2  101                  1  275                        4  429
       2  102                  1  277                        2  430
       1  117                 14  279                        8  434
       4  119                  1  283                        1  436
       1  120                  2  284                        1  439
       2  121                  4  285                       17  443
       1  125                  1  286                        1  444
      65  126                  3  287                        1  445
       2  127                  1  289                        1  447
       5  128                  1  292                        3  448
       1  129                  1  294                       10  449
       2  130                  1  297                        1  452
       1  131                  6  298                        3  462
       2  137                  9  306                        4  463
       1  141                  1  309                        1  464
       1  148                  1  321                        1  465
       4  151                  1  323                        1  467
       6  156                 14  328                      269  480
       1  157                  1  330                      158  481
       6  159                  1  332                        2  482
       3  160                  3  335                       13  484
```

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	487		1	524		3	559
	2	500		1	530		1	561
	2	506		1	532		1	562
	13	512		1	536		1	569
	1	514		1	537		1	570
	11	515		1	539		1	571
	10	516		2	545		1	710
	1	517		1	549		5	998
	27	519		11	554		30	999
	2	521						

f52hmcd2:
1. See Appendix D - CODED DRUG LIST

f52hmcd3 --- home-medication code 3

```
              type:  numeric (float)


              range:  [0,999]                    units:  1
      unique values:  120          coded missing:  7336 / 7905
```

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	3	0		1	226		6	382
	1	1		8	231		2	391
	2	3		1	236		2	410
	1	6		3	237		1	417
	2	7		3	239		6	420
	4	11		1	240		1	421
	1	19		1	241		1	424
	1	20		1	245		1	429
	1	21		109	249		2	434
	13	25		2	259		1	441
	1	26		1	267		6	443
	12	28		1	274		6	448
	1	41		1	275		2	449
	17	44		1	277		1	452
	2	46		1	279		3	463
	5	56		2	284		27	480
	4	59		4	285		36	481
	1	83		2	286		3	484
	1	119		2	289		1	487
	24	126		1	294		2	489
	1	128		1	296		1	503
	3	130		1	299		1	506
	1	131		6	306		3	509
	1	144		1	314		1	512
	1	148		1	316		1	514
	1	152		4	328		8	515
	2	156		2	332		1	516
	1	158		3	335		8	519
	1	159		9	338		1	522
	3	160		1	342		1	534
	1	161		1	343		1	539
	19	171		1	349		1	545
	1	181		3	367		1	548
	12	190		3	369		1	554
	4	191		1	370		1	559
	9	192		28	371		1	564
	4	196		2	372		1	572
	3	209		8	374		1	681
	1	217		16	375		2	998
	2	222		1	378		16	999

f52hmcd3:

   1. See Appendix D - CODED DRUG LIST

f52trans -- transfused during treatment

```
          type:  numeric (float)
          label: f52trans

          range:  [1,2]                          units:  1
  unique values:  2                      coded missing:  1034 / 7905

      tabulation:  Freq.   Numeric  Label
                   5704          1  no
                   1167          2  yes
```

f52comp -- complications from treatment

```
          type:  numeric (float)
          label: f52comp

          range:  [1,3]                          units:  1
  unique values:  3                      coded missing:  177 / 7905

      tabulation:  Freq.   Numeric  Label
                   7489          1  no
                    198          2  yes
                     41          3  ??
```

f52inbed --- days stayed in bed

```
          type:  numeric (float)
          label: f52inbed

          range:  [-4,99]                         units:  1
  unique values:  58                     coded missing:  293 / 7905
```

tabulation:	Freq.	Numeric	Label	tabulation:	Freq.	Numeric	Label
	76	-4			16	19	
	1	-3			25	20	
	2620	-2	no days		27	21	
	3	0			8	22	
	817	1			8	23	
	875	2			7	24	
	681	3			13	25	
	554	4			5	26	
	477	5			4	27	
	292	6			4	28	
	290	7			5	29	
	151	8			17	30	
	82	9			1	31	
	213	10			1	32	
	51	11			2	34	
	50	12			1	35	
	27	13			2	36	
	60	14			1	38	
	43	15			2	39	
	25	16			8	40	
	14	17			1	42	
	11	18			1	43	

tabulation:	Freq.	Numeric	Label	tabulation:	Freq.	Numeric	Label
	1	45			1	59	
	1	46			2	60	
	1	47			1	73	
	1	48			2	77	
	1	49			2	90	
	1	50			21	98	
	1	57			4	99	

f52mswrk --- days missed work or school

```
          type:  numeric (float)
          label: f52mswrk

          range:  [-4,99]              units:  1
   unique values:  47        coded missing:  256 / 7905
```

tabulation:	Freq.	Numeric	Label	tabulation:	Freq.	Numeric	Label
	49	-4			15	21	
	1249	-3	no days		6	22	
	3443	-2	n.a.		3	23	
	389	1			4	24	
	379	2			8	25	
	335	3			2	26	
	295	4			1	27	
	462	5			7	28	
	159	6			2	29	
	193	7			10	30	
	88	8			1	31	
	44	9			1	32	
	217	10			4	35	
	22	11			3	36	
	31	12			1	37	
	22	13			1	38	
	56	14			3	40	
	54	15			1	45	
	7	16			1	46	
	8	17			4	60	
	9	18			1	75	
	3	19			1	90	
	36	20			12	98	
					7	99	

f52diag1 -------------------------------------- icda code of final diagnosis 1

```
              type:  numeric (float)

             range:  [-64.98,999.99]          units:  .01
     unique values:  354          coded missing:  170 / 7905
```

tabulation:	Freq.	Value		tabulation:	Freq.	Value
	1	-64.980003			1	55.790001
	1	-22.200001			1	57.380001
	7	3			1	57.900002
	7	3.0999999			1	59.990002
	5	3.24			1	64.980003
	1	3.3099999			2	70.099998
	1	3.8			6	70.300003
	2	3.9000001			2	72.900002
	2	4.9000001			1	74.209999
	1	7.02			5	75
	2	8			3	77.900002
	1	8.0799999			11	78.889999
	1	8.6000004			4	79.089996
	9	8.8000002			1	79.699997
	1	9			231	79.900002
	1	13.02			2	79.970001
	1	17			1	82.620003
	1	17.200001			1	88.190002
	1	19.99			1	98
	1	22.200001			1	98.510002
	1	27			1	99.040001
	1	28.26			1	110.5
	60	34			1	112
	1	34.099998			1	131.00999
	12	38			3	135
	2	38.02			2	248.89999
	7	38.09			1	250.00999
	4	38.099998			1	253.3
	27	38.200001			1	259
	1	38.299999			3	262.62
	5	38.41			2	262.82001
	11	38.419998			1	276.5
	2	38.799999			1	276.79999
	36	38.900002			1	279.39999
	1	38.91			1	279.89999
	7	38.970001			1	280.60001
	5	39.900002			1	282
	1	41.040001			1	282.01999
	3	47			12	282.06
	11	47.900002			1	282.20001
	1	48.099998			20	282.39999
	2	49.099998			1	282.51999
	1	49.900002			226	282.60001
	10	51.220001			137	282.60999
	2	52.09			3646	282.62
	5	52.900002			9	282.63
	1	54			106	282.64001
	2	54.200001				

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	56	282.66		1	432.89999
	2	282.67001		2	434
	2	282.67999		2	434.89999
	1	282.70001		1	435.10001
	5	282.89999		7	435.89999
	1	283		41	436
	1	283.20001		1	437.29999
	11	283.89999		1	439.89999
	1	284.67001		1	446
	111	284.89999		1	453.79999
	1	285		1	458.89999
	1	285.07999		7	459.89999
	1	285.10001		1	459.98999
	8	285.79999		1	461
	17	285.89999		1	461.79999
	10	286.62		43	462
	3	289.29999		1	462.20001
	1	292.60001		29	463
	1	292.60999		64	465
	1	299.98999		1	465.09
	1	300		2	465.79999
	1	300.89999		28	465.89999
	1	304.60001		2	466
	1	307.81		3	466.10001
	1	308.98999		5	473.89999
	1	320		1	474
	7	320.10001		2	475
	2	320.20001		1	476
	5	322.89999		7	480.60001
	1	332		1	480.89999
	1	340		27	481
	2	342.89999		1	482.10001
	1	345.10001		1	482.20001
	1	346.89999		5	482.29999
	2	372.72		11	483
	1	379.92001		1	485
	5	380.98999		380	486
	1	381.39999		1	486.60001
	9	382		2	487.10001
	1	382.09		12	490
	181	382.89999		6	493.89999
	1	382.92999		2	511
	1	394.89999		6	511.89999
	1	401.89999		1	514.09998
	1	413.91		1	515.09998
	19	415.10001		1	518
	1	420.89999		1	518.29999
	1	421.89999		10	518.79999
	1	422		1	518.90002
	1	425.89999		1	519.09998
	1	427.81		2	521
	6	428		1	522.40002
	3	430		1	523.90002
	2	431		1	524.20001

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	2	528		1	615.90002
	1	530.59998		1	637.90997
	1	531.90002		1	638.96997
	1	533.90002		1	646.63
	3	535.5		1	646.64001
	1	540.90002		1	647.90002
	27	558.90002		1	667.29999
	2	558.98999		1	680.59998
	1	560.39001		2	682
	1	564		1	682.20001
	2	567.20001		1	682.59998
	1	569.89001		2	682.70001
	1	570		1	682.79999
	1	571.40997		1	684
	1	572.79999		9	686.90002
	1	573		1	696.29999
	1	573.20001		1	708.90002
	11	573.29999		2	710
	1	573.79999		4	711
	3	573.90002		1	711.03998
	4	574		1	711.59998
	10	574.09998		1	716.79999
	56	574.20001		3	716.90002
	2	574.21002		1	719.04999
	1	574.23999		11	719.06
	1	574.31		2	719.07001
	1	574.40997		2	719.09998
	4	574.5		2	719.40002
	1	574.70001		1	719.40997
	17	575		1	719.46002
	26	575.09998		2	719.46997
	1	575.10999		1	719.5
	3	575.90002		1	719.70001
	1	576.09998		1	724.5
	1	576.20001		1	727
	2	577		3	729.09998
	1	585		1	729.20001
	1	586		3	729.5
	6	590.09998		4	729.81
	1	590.20001		5	730
	19	590.79999		1	730.01001
	1	594		1	730.02002
	42	599		1	730.03998
	1	599.02002		2	730.06
	1	599.78998		6	730.20001
	1	599.98999		2	730.21997
	1	603.90002		1	730.23999
	7	607.03003		2	730.26001
	88	607.29999		1	730.28003
	2	611		1	730.40002
	1	614		1	733.40002
	1	614.20001		1	733.40997
	1	614.40002		2	733.41998
	5	614.90002		3	733.90002

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	748.5		49	789
	1	763.79999		5	789.09998
	1	780.03003		2	789.20001
	6	780.06		1	790.59998
	2	780.20001		7	790.70001
	12	780.29999		1	807.20001
	693	780.59998		1	812.20001
	1	780.62		1	812.40997
	1	780.90002		1	821
	4	780.98999		1	847
	2	782.40002		1	848.90002
	1	783.40002		1	852
	2	784		1	959.09998
	2	784.70001		1	984.90002
	1	785.51001		1	996.59998
	3	785.59003		1	996.79999
	2	785.59998		1	998.5
	1	786.09003		1	999
	7	786.5		2	999.59998
	1	786.52002		5	999.79999
	1	786.59998		398	999.98999

f52diag1:

  1. See ICD-9-CM codebook for diagnosis codes.

  2. Round up or down, keep two decimal digits

f52diag2 -------------------------------------- icda code of final diagnosis 2
              type: numeric (float)

              range: [-64.98,999.99]   units: .01
       unique values: 363   coded missing: 5577 / 7905

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	-64.980003		57	79.900002
	1	-51.220001		1	86.010002
	9	-22.200001		1	87.529999
	2	3		1	88.760002
	1	3.0999999		1	89.519997
	1	3.24		1	93.959999
	2	3.3099999		1	98
	1	3.8		5	99.040001
	1	3.9000001		2	112
	1	8		1	112.1
	1	8.8000002		2	131.00999
	1	10.22		1	135
	1	11.9		1	136.3
	1	20.01		1	136.89999
	24	34		1	171.00999
	1	34.009998		1	238.7
	1	34.099998		1	240.89999
	3	38		1	250
	1	38.09		1	262.62
	3	38.099998		1	262.82001
	10	38.200001		1	263.89999
	1	38.400002		1	274.89999
	3	38.41		1	276.10001
	4	38.419998		5	276.5
	29	38.900002		1	280
	1	38.91		1	280.60001
	1	38.970001		1	280.89999
	2	39.900002		1	281.29999
	2	41		1	282.01999
	2	41.400002		1	282.04001
	3	41.5		4	282.06
	2	41.799999		20	282.39999
	1	44		1	282.5
	1	47.900002		135	282.60001
	17	51.220001		88	282.60999
	1	51.509998		250	282.62
	3	52.900002		5	282.63
	3	54.200001		17	282.64001
	1	54.900002		25	282.64999
	1	57.900002		10	282.66
	1	64		4	282.67001
	1	64.980003		1	282.89999
	1	69		8	283.89999
	3	70.300003		1	284
	1	72.900002		63	284.89999
	2	75		9	285.89999
	1	78.889999		1	286.60001
	4	79.089996		3	286.62

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	287.20001		1	435.89999
	1	287.5		7	436
	2	288		2	438
	3	288.29999		1	439.89999
	1	288.79999		2	451.89999
	3	289.29999		1	453.79999
	1	289.59		1	453.89999
	1	292.62		1	455
	1	295.29999		1	460
	1	300		29	462
	1	300.10001		11	463
	1	301.5		48	465
	1	304.89999		3	465.09
	1	305.89999		4	465.79999
	1	308		17	465.89999
	1	309.89999		2	466.10001
	2	311		1	472
	1	316		1	473
	4	320.10001		3	473.89999
	1	320.20001		1	474
	1	320.79999		2	480.89999
	2	322.89999		13	481
	1	326		1	482
	1	328.89999		1	482.20001
	2	342.89999		3	482.29999
	1	344.79999		2	482.39999
	1	348.29999		2	483
	3	372.29999		123	486
	2	373.13		4	487.10001
	1	379.29999		5	490
	3	380.10001		1	491.89999
	2	380.98999		2	493
	1	381.39999		18	493.89999
	3	382		3	499
	1	382.09		8	511.89999
	1	382.29999		1	514.20001
	1	382.60001		1	515
	2	382.62		2	517.79999
	93	382.89999		4	518.29999
	1	382.92999		1	518.40002
	1	396.10001		24	518.79999
	4	401.89999		1	519.09998
	1	402		1	519.79999
	7	415.10001		1	519.90002
	2	422.20001		1	522
	1	425.39999		3	522.5
	1	426.10999		2	523.09998
	1	427.69		5	528
	2	427.89001		1	528.29999
	1	427.89999		1	532.90002
	9	428		1	533.90002
	1	429.29999		1	535.5
	2	430		4	536.79999
	1	431		1	541

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	547.20001		1	680.59998
	1	553.09998		2	680.90002
	1	556		1	682
	12	558.90002		1	682.40002
	3	558.98999		1	682.5
	3	560.09998		1	682.59998
	1	560.90002		1	682.70001
	5	564		2	684
	1	567.20001		1	686
	1	569.29999		3	691
	3	571.40002		2	692
	1	571.5		1	698.90002
	1	572.79999		3	707.09998
	1	573.29999		2	707.90002
	5	573.90002		1	710.09998
	2	574		2	711
	2	574.09998		1	711.01001
	24	574.20001		2	711.08002
	1	574.40002		1	714
	10	575		1	715.90002
	9	575.09998		1	716.79999
	1	575.79999		1	719
	2	576.09998		14	719.06
	1	576.20001		1	719.07001
	1	576.79999		7	719.40997
	3	577		1	719.41998
	1	580.90002		1	719.42999
	2	584.5		1	719.44
	3	585		7	719.45001
	1	585.5		15	719.46002
	1	586		2	719.46997
	1	588.79999		4	724.5
	6	590.79999		1	726.20001
	1	593.29999		1	726.90002
	2	593.90002		1	727.82001
	57	599		1	729.09998
	1	599.28998		26	729.5
	2	599.59998		2	729.81
	1	599.70001		2	730
	2	599.78998		2	730.20001
	1	599.98999		1	730.21002
	15	607.29999		1	730.22998
	1	610.09998		1	730.25
	1	614.09998		2	730.26001
	2	614.20001		7	733.40002
	4	614.90002		2	733.40997
	2	615.90002		1	733.41998
	1	616.09998		6	733.90002
	2	620.20001		1	746.02002
	1	626.20001		2	748.5
	1	634.09998		1	774.20001
	1	635.90002		1	780.03003
	1	648.92999		2	780.06
	1	667.16998		8	780.29999

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	780.5		1	786.90002
	254	780.59998		1	787
	1	780.60999		37	789
	1	780.63		1	789.09998
	1	780.65997		2	789.20001
	1	780.67999		2	790.40002
	2	780.70001		2	790.59998
	1	780.98999		2	790.70001
	1	782		1	791
	1	782.06		1	806.34998
	1	782.09998		1	812.20001
	6	782.40002		1	924.5
	1	783.40002		1	942.09003
	2	784		1	958.09998
	1	784.29999		2	959
	1	784.5		1	960
	3	784.70001		2	977.90002
	2	785.59003		1	980.90002
	2	785.59998		1	984.90002
	5	786.09003		1	995.29999
	1	786.20001		1	996.59998
	8	786.5		1	999
	1	786.51001		2	999.29999
	1	786.52002		9	999.79999
	1	786.65997		2	999.90002
				116	999.98999

f52diag2:
   1. See ICD-9-CM codebook for diagnosis codes.
   2. Round up or down, keep two decimal digits

f52diag3 -------------------------------------- icda code of final diagnosis 3
              type: numeric (float)

              range: [-22.2,999.99]   units: .01
       unique values: 193   coded missing: 7361 / 7905

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	2	-22.200001		3	282.66
	1	3		2	282.89999
	1	3.3099999		2	283.89999
	1	8		10	284.89999
	1	10.22		7	285.89999
	2	11.9		1	286.60001
	1	23.09		2	286.89999
	4	34		1	287.5
	1	38		1	289.29999
	3	38.200001		1	289.79999
	1	38.419998		1	295.29999
	1	38.799999		1	300.04001
	6	38.900002		2	303.89999
	3	41.400002		1	309.89999
	3	41.5		3	320.10001
	1	47.099998		1	322.89999
	5	51.220001		1	346.89999
	1	51.41		1	348.29999
	2	52.900002		1	362.81
	1	64.980003		2	372.29999
	2	79.900002		1	373.13
	1	88.400002		1	381.39999
	1	93.959999		1	382
	2	112		15	382.89999
	1	112.1		1	382.95999
	1	122.2		2	384.20001
	2	131.00999		2	401.89999
	1	131.02		1	415.10001
	1	135		1	425.10001
	1	241.00999		1	425.39999
	1	262		2	427
	1	262.79999		1	427.20001
	1	271.29999		1	427.5
	1	274.89999		8	428
	1	275		1	428.89999
	1	276.03		3	429.29999
	1	276.29999		1	430
	2	277.39999		1	431
	1	282		4	436
	3	282.06		1	453.79999
	1	282.12		11	462
	1	282.20001		4	463
	20	282.60001		7	465
	18	282.60999		4	465.89999
	49	282.62		4	466.10001
	4	282.63		1	471.79999
	2	282.64001		3	481
	2	282.64999		1	482.29999

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	482.89999		1	692.90002
	28	486		1	711
	2	490		1	716.79999
	7	493.89999		5	716.90002
	4	511.89999		1	718.42999
	1	512.20001		1	719.03998
	1	512.79999		3	719.06
	1	514		1	719.40997
	1	516.79999		2	719.41998
	3	518.79999		2	719.46002
	2	521		1	719.46997
	1	522.5		2	724.5
	1	527.20001		5	729.5
	1	528		1	730.09998
	1	528.09998		1	730.21997
	1	530.09998		1	730.26001
	1	531.90002		1	730.28998
	1	535.5		1	733.20001
	1	536.79999		1	733.40002
	4	558.90002		1	733.40997
	1	558.98999		1	733.41998
	1	560.09998		3	733.90002
	1	564		1	759
	1	570		3	780.29999
	1	572.20001		33	780.59998
	1	573.29999		1	782.40002
	1	573.90002		1	783.40002
	2	574		3	784
	5	574.20001		1	784.29999
	2	575		1	784.70001
	2	575.09998		5	785.20001
	1	577		2	785.59003
	1	578.90002		3	786.09003
	1	580		1	786.52002
	1	583.81		1	788.20001
	3	585		8	789
	3	590.79999		1	790.5
	1	593.90002		1	791
	7	599		1	791.90002
	1	599.70001		1	819.90002
	1	599.98999		1	924
	1	614.20001		1	942.09003
	1	616.79999		1	949
	1	626.20001		2	995.20001
	1	642.40002		1	998.09998
	1	650		1	999.29999
	1	670.03998		1	999.79999
	1	684		30	999.98999
	1	691			

f52diag3:
  1. See ICD-9-CM codebook for diagnosis codes.
  2. Round up or down, keep two decimal digits

```
f52diag4 -------------------------------------- icda code of final diagnosis 4
                type:  numeric (float)

                range:  [11.9,999.99]              units:  .01
        unique values:  53           coded missing:  7826 / 7905
                                                  1  785.90002
tabulation:  Freq.  Value                         1  786.5
             1  11.9                               2  789
             1  38.419998                          1  789.09998
             1  38.43                              2  790.5
             1  38.900002                          1  924
             1  47.099998                          8  999.98999
             1  51.41
             1  53.490002
             1  54.200001
             2  276.5
             2  282.60001
             2  282.60999
             3  282.62
             1  282.66
             6  284.89999
             3  285.89999
             1  286.89999
             1  287.5
             1  401.89999
             1  427.5
             2  428
             3  486
             1  490
             1  491
             1  511.89999
             1  518.79999
             1  541
             1  558.90002

tabulation:  Freq.  Value
             1  573.79999
             1  574.20001
             1  582.79999
             1  586
             2  599
             1  607.29999
             1  691.08002
             1  707
             1  707.09998
             1  719.40002
             1  719.40997
             1  729.5
             1  733.40002
             1  765.09998
             2  780.59998
             1  782.09998
             1  782.40002
             1  783.40002
             1  785.20001
```

f52diag4:
1. See ICD-9-CM codebook for diagnosis codes.
2. Round up or down, keep two decimal digits

```
f52diag5 ------------------------------------- icda code of final diagnosis 5
                   type:  numeric (float)

                  range:  [38.9,999.99]                  units:  .01
          unique values:  16                     coded missing:  7805 / 7905

             tabulation:  Freq.  Value
                              1  38.900002
                              1  41
                              1  79.800003
                              1  282.60001
                              2  282.62
                              1  284.89999
                              1  287.5
                              1  451.89999
                              2  486
                              1  575.09998
                              1  575.79999
                              1  593.90002
                              1  730
                              1  733.41998
                              1  791
                             83  999.98999
```

```
f52diag5:
  1.  See ICD-9-CM codebook for diagnosis codes.
  2.  Round up or down, keep two decimal digits

_dta:
  1.  Program run on 08/16/1999
```

```
                  SECTION 7.9 COMPREHENSIVE SPECIAL EVENT
           FORM FOR PATIENTS ENTERED AT < 6 MONTHS OF AGE
                                OVERVIEW
                                  866
```