

#### 4.1: Infant Interim Clinic Visit - Form 16

CSSCD Forms (collection) and Datasets (storage) for Routine Visit Data

Form #	Name of Form	Collected	Patient Population	SAS Dataset
16	Infant Interim Clinic Visit	03/79 to 02/84	Patients entered at < 2 years of age; visits up to age 2	<b>R16.SD2</b>
16E	Extension Infant Interim Clinic Visit	02/84 to 09/88	Patients entered at < 2 years of age; visits up to age 2	<b>R24.SD2</b>
11	Intake Physical Exam	03/79 to 02/84	Entry physical exam form for patients entered at ≥ 2 years of age; Age 2 visit for patients entered at < 2 years of age	<b>R1121.SD2</b> (cycle 25)
12	Intake Laboratory Sheet	03/79 to 02/84	Entry lab form for patients entered at ≥ 2 years of age; Age 2 visit for patients entered at < 2 years of age	<b>R1222.SD2</b> (cycle 25)
17	Interim Clinic Visit	08/79 to 02/84	1 <sup>st</sup> & 3 <sup>rd</sup> interim visits—all patients	<b>R1722.SD2</b> (cycles 26, 30)
19	First Annual Clinic Visit	03/80 to 02/84	1 <sup>st</sup> annual visit—all patients	<b>R1722.SD2</b> (cycle 27)
20	Second Annual Clinic Visit	03/81 to 02/84	2 <sup>nd</sup> annual visit—all patients	<b>R1722.SD2</b> (cycle 29)
21	Third Annual Clinic Visit	03/82 to 02/84	3 <sup>rd</sup> annual physical exam—all patients	<b>R1722.SD2</b> (cycle 31)
22	Third Annual Laboratory Visit	03/82 to 02/84	3 <sup>rd</sup> annual lab data—all patients	<b>R1722.SD2</b> (cycle 31)
24	Fourth Annual Clinic Visit	03/83 to 02/84	4 <sup>th</sup> annual visit—all patients	<b>R1722.SD2</b> (cycle 33)
25	Extension Annual Clinic Visit	02/84 to 09/88	Intake at age 2 & annual visits 1-9—all patients	<b>R25.SD2 &amp; R25A.SD2</b> (cycles 25, 27, 29, 31, 33, 35, 37, 39, 41,43)

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##### Definition of Routine Visits:

Routine visits were visits made by the study patient to the clinic at regular intervals specified in the CSSCD protocol for physical exam and laboratory work. The status of the patient at the time of the visits was “steady-state”—i.e., the patient was free of acute event symptoms or signs.

##### Entry Physical Exam and Laboratory Work

Forms 11 and 12 were used as the entry physical and laboratory forms for patients entered at  $\geq 2$  years of age – i.e., the value of **DOE** (date of entry) in the “roster” dataset **R09.SD2** should be equal to the value of variable **F11DATE\*** in the dataset **R1121.SD2**.

Prior to February 1984, **FORM 16** was used as the entry physical and laboratory form for patients entered at  $< 2$  years of age—i.e., the value of variable **DOE** (date of entry) in the “roster” dataset **R09.SD2** should be equal to the value of the variable **F16DATE** of the first **Record 16**. After February 1984, **Form 16E** was used as the entry physical and laboratory form for patients entered at  $< 2$  years of age—i.e., the value of variable **DOE** (date of entry) in the “roster” dataset **R09.SD2** should be equal to the value of the variable **F24DATE** of the first **Record 24**.

\* For females who were pregnant at the time of entry, the value of **DOE** (date of entry) in the “roster” dataset **R09.SD2** will be equal to the value of the variable **F82DATE** of the first “Record 82” in **R82.SD2** since ‘entry’ forms 11 and 12 for this special group of patients were not completed until the pregnancy was terminated.

##### Follow-up Physical Exam and Laboratory Work

For patients entered at  $\geq 2$  years of age, date of scheduling yearly follow-up visits were determined by the date of entry (**DOE**). In addition to the yearly follow-up visits, 2 additional visits at 6 months (1<sup>st</sup> interim) and 2-1/2 years (3<sup>rd</sup> interim) after entry were required. If possible, visits were to be made within 2 weeks of the scheduled visit date for infants seen every 2 or 3 months and within 30 days of the scheduled annual or (biannual) visit date.

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Dates for scheduling follow-up visits for patients entered at < 2 years of age were determined by the date of birth (variable **BIRTHDAY** in the “roster” dataset **R09.SD2**). Prior to May 1986, visits were required at 4, 6, 9, 12, 15, 18, 21, 24, 36, 48, 60 months of age and yearly thereafter (2 additional visits at 30 and 54 months of age were also required prior to February 1984). After May 1986, visits were required at 6, 12, 18, 24 months of age and yearly thereafter. If possible, visits were to be made within 2 weeks of the scheduled visit date for infants seen every 2 or 3 months and within 30 days of each scheduled visit date after age 2.

NOTE: Exiting of patients entered at  $\geq 6$  months of age was begun in June 1986. If a patient was seen for a routine annual visit between 6/1/86 and 12/31/86, the patient was exited at this visit and annual visits in 1987 and 1988 were NOT required. If a patient was not seen between 6/1/86 and 12/31/86, but was seen for a routine annual visit in 1987, the patient was exited at this annual visit and an annual visit for 1988 was Not required.

The table below lists forms, datasets, and cycle numbers used for routine visit data by type of routine visit for patients entered at < 2 years of age:

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Type of Visit		Entry Age < 2 Years*		
		Form	Dataset	Cycle
Infant Interim Clinic Visits	Bef. 2/84:	16	<b>R16.SD2</b>	0-24**
	Aft. 2/84:	16E	<b>R24.SD2</b>	0-24**
Intake at Age 2	Bef. 2/84:	11	<b>R1121.SD2</b>	25
	Aft. 2/84:	12	<b>R1222.SD2</b>	25
1 <sup>st</sup> Interim	Bef. 2/84:	25	<b>R25.SD2</b>	25
	Aft. 2/84:	N/A	N/A	N/A
1 <sup>st</sup> Annual	Bef. 2/84:	17	<b>R1722.SD2</b>	26
	Aft. 2/84:	N/A	N/A	N/A
1 <sup>st</sup> Annual	Bef. 2/84:	19	<b>R1722.SD2</b>	27
	Aft. 2/84:	25	<b>R25.SD2</b>	27
2 <sup>nd</sup> Annual	Bef. 2/84:	20	<b>R1722.SD2</b>	29
	Aft. 2/84:	25	<b>R25.SD2</b>	29
3 <sup>rd</sup> Interim	Bef. 2/84:	17	<b>R1722.SD2</b>	30
	Aft. 2/84:	N/A	N/A	N/A
3 <sup>rd</sup> Annual	Bef. 2/84:	21	<b>R1722.SD2</b>	31
	Aft. 2/84:	22	<b>R1722.SD2</b>	31
4 <sup>th</sup> Annual	Bef. 2/84:	25	<b>R25.SD2</b>	31
	Aft. 2/84:	24	<b>R1722.SD2</b>	33
4 <sup>th</sup> Annual	Bef. 2/84:	24	<b>R1722.SD2</b>	33
	Aft. 2/84:	25	<b>R25.SD2</b>	33
5 <sup>th</sup> Annual		25	<b>R25.SD2</b>	35
6 <sup>th</sup> Annual		25	<b>R25.SD2</b>	37
7 <sup>th</sup> Annual		25	<b>R25.SD2</b>	39
8 <sup>th</sup> Annual		25	<b>R25.SD2</b>	41
9 <sup>th</sup> Annual		25	<b>R25.SD2</b>	43

\* *dates for scheduling follow-up visits were determined by date of birth*

\*\* *cycle #'s for infant interim clinic visits correspond to the infant's age in months*

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The following table lists forms, datasets, and cycle numbers used for routine visit data by type of routine visit for patients entered at  $\geq 2$  years of age

Type of Visit		Entry Age $\geq 2$ Years*		
		Form	Dataset	Cycle
Intake at Age 2		11	<b>R1121.SD2</b>	25
		12	<b>R1222.SD2</b>	25
1 <sup>st</sup> Interim		17	<b>R1722.SD2</b>	26
1 <sup>st</sup> Annual		19	<b>R1722.SD2</b>	27
		25	<b>R25.SD2</b>	27
2 <sup>nd</sup> Annual		20	<b>R1722.SD2</b>	29
3 <sup>rd</sup> Interim		17	<b>R1722.SD2</b>	30
3 <sup>rd</sup> Annual	Bef. 2/84:	21	<b>R1722.SD2</b>	31
		22	<b>R1722.SD2</b>	31
	Aft. 2/84:	25	<b>R25.SD2</b>	31
4 <sup>th</sup> Annual	Bef. 2/84:	24	<b>R1722.SD2</b>	33
	Aft. 2/84:	25	<b>R25.SD2</b>	33
5 <sup>th</sup> Annual		25	<b>R25.SD2</b>	35
6 <sup>th</sup> Annual		25	<b>R25.SD2</b>	37
7 <sup>th</sup> Annual		25	<b>R25.SD2</b>	39
8 <sup>th</sup> Annual		25	<b>R25.SD2</b>	41
9 <sup>th</sup> Annual		25	<b>R25.SD2</b>	43

\* dates for scheduling follow-up visits determined by date of entry

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##### Summary of Entry Evaluations for Patients Entered at $\geq$ 2 Years of Age

For patients entered at  $\geq$  2 years of age, the following evaluations were required:

1. Physical examination
2. CBC if patient was not transfused within 4-6 months prior to entry
3. Reticulocyte count if patient was not transfused within 4-6 months prior to entry
4. Platelet count if patient was not transfused within 4-6 months prior to entry
5. Howell-Jolly bodies if patient was not transfused within 4-6 months prior to entry
6. CBC WBC differential if patient was not transfused within 4-6 months prior to entry
7. Renal function studies if patient was  $\geq$  3 years of age at entry [U/A, urine culture, BUN, creatinine, uric acid]
8. Liver function studies  
[Total bilirubin, SGOT, SGPT, alkaline phosphatase, LDH, total protein, albumin]

Blood samples for the following studies were to be drawn and forwarded to the appropriate central laboratory:

1. Quantitative hemoglobin electrophoresis [See Section 5.1]
2. G-6-PD [See Section 5.1]
3. Alloantibodies if transfused in past [See Section 5.4]
4. Pocked RBC count [See Section 5.2]
5. Globin chain biosynthesis (dependent on CDC hemoglobin electrophoresis and CBC results) [See Section 5.1]

Certain subgroups of patients were required to have the following evaluations:

1. Denver Developmental Screening Test [See Section 6]
2. Chest, shoulder, hip x-rays [See Section 6]
3. Gallbladder studies [See Section 6]
4. Ocular examination [See Section 6]
5. Pulmonary function studies [See Section 6]
6. Neurologic evaluation [See Section 6]
7. Kleihauer-Betke acid elution stains [See Section 5.1]

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##### Summary of Entry Evaluations for Patients Entered at <2 Years of Age

The following evaluations were required:

1. Physical examination
2. CBC if patient was not transfused within 4-6 months preceding entry visit [RBC, WBC, MCV optional if patient < 4 months]
3. Reticulocyte count if patient was not transfused within 4-6 months preceding entry visit
4. Platelet count if patient was not transfused within 4-6 months preceding entry visit and patient was entered before 02/84
5. Howell-Jolly bodies if patient was not transfused within 4-6 months preceding visit and patient was entered before 02/84
6. CBC WBC differential if patient was not transfused within 4-6 months preceding entry visit and patient was entered before 02/84
7. Liver function studies if patient was entered at  $\geq 1$  year of age [Total bilirubin, SGOT, SGPT, alkaline phosphatase, LDH, total protein, albumin if patient was entered before 02/84; total bilirubin, SGOT, alkaline phosphatase if patient was entered after 02/84]

Blood samples for the following studies were to be drawn and forwarded to the appropriate central laboratory:

1. Quantitative hemoglobin electrophoresis [See Section 5.1]
2. G-6-PD if patient entered at  $\geq 9$  months of age prior to September 1981 [See Section 5.1]
3. Alloantibodies if transfused in past [See Section 5.4]
4. Pocked RBC count [See Section 5.2]

Certain subgroups of patients were required to have the following evaluations:

1. Denver Developmental Screening Test [See Section 6]
2. Chest & shoulder x-ray if patient was entered at  $\geq 1$  year of age [See Section 6]
3. Spleen scan [See Section 6]

Note: Appendix E contains the **Examination Methods** section from the **CSSCD**

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##### **Manual of Operations.**

Appendix G contains the **Central Laboratories** section from the **CSSCD Manual of Operations**.



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#### Summary of Follow-up Evaluations

The following table summarizes which evaluations were required at each follow-up visit:

Evaluation	-----Type of Follow-up Visit-----												
	Inf. Int.	Age 2	1 <sup>st</sup> Int.	1 <sup>st</sup> Ann.	2 <sup>nd</sup> Ann.	3 <sup>rd</sup> Int.	3 <sup>rd</sup> Ann.	4 <sup>th</sup> Ann.	5 <sup>th</sup> Ann.	6 <sup>th</sup> Ann.	7 <sup>th</sup> Ann.	8 <sup>th</sup> Ann.	9 <sup>th</sup> Ann.
History	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Physical Exam	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y(a)	Y(a)	Y(a)	Y(a)
CBC (b)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y(a)	Y(a)	Y(a)	Y(a)
Retics (b)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y(a)	Y(a)	Y(a)	Y(a)
Platelets (b)	Y(d)	Y(d)	N	Y(d)	Y(d)	N	Y(d)	Y(d)	N	N	N	N	N
Differential (b)	Y(d)	Y(d)	Y	Y(d)	Y(d)	N	Y(d)	Y(d)	N	N	N	N	N
HbF (b)	Y(d)	Y(e)	Y(f)	Y(d)	Y(d)	N	Y(g)	N	N	N	N	N	N
<b>Renal Function</b>													
U/A	N	N	N	Y	Y	N	Y	Y	Y	Y(a)	Y(a)	Y(a)	Y(a)
Urine Culture	N	N	N	Y(d)	Y(d)	N	Y(d)	N	N	N	N	N	N
BUN	N	N	N	Y(d)	Y(d)	N	Y(d)	Y(d)	N	N	N	N	N
Creatinine	N	N	N	Y	Y	N	Y	Y	Y	Y(a)	Y(a)	Y(a)	Y(a)
Uric Acid	N	N	N	Y(d)	Y(d)	N	Y(d)	N	N	N	N	N	N
<b>Liver Function</b>													
T. Bilirubin	(c)	Y	N	N	Y	N	Y	N	Y	N	Y(a)	Y(a)	N
SGOT	(c)	Y	N	N	Y	N	Y	N	Y	N	Y(a)	Y(a)	N
SGPT	(c)(d)	Y(d)	N	N	Y(d)	N	Y(d)	N	N	N	N	N	N
Alk phos	(c)	Y	N	N	Y	N	Y	N	Y	N	Y(a)	Y(a)	N
LDH	(c)(d)	Y(d)	N	N	Y(d)	N	Y(d)	N	N	N	N	N	N
Tot. protein	(c)(d)	Y(d)	N	N	Y(d)	N	Y(d)	N	N	N	N	N	N
Albumin	(c)(d)	Y(d)	N	N	Y(d)	N	Y(d)	N	N	N	N	N	N

Y = YES, required

N = NO, not required

(a) not required for patients entered at  $\geq 6$  months of age if visit was after 5/86

(b) not required if patient was transfused within 4-6 months preceding visit

(c) required at 12 months of age only

(d) not required after 2/84

(e) quantitation by CDC [See Section 5.1]

(f) required only if age < 10 years at time of visit

(g) required only if age = 5 years at time of visit

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##### Routine Visit Documentation Sections

A description of the forms and datasets for routine physical exam and laboratory data will be presented in the following order:

<u>Section</u>	<u>Type of Data</u>	<u>Forms Used for Collection</u>	<u>SAS Dataset</u>
4.1	Infant interim clinic visit through 02/84	16	<b>R16.SD2</b>
4.2	Infant interim clinic visit after 02/84	16E	<b>R24.SD2</b>
4.3	Intake physical exam (age 2)	11	<b>R1121.SD2</b>
4.4	Intake laboratory (age 2)	12	<b>R1222.SD2</b>
4.5	Follow-up visit (interim & annual through 02/84)	17, 19, 20, 21, 22, 24	<b>R1722.SD2</b>
4.6	Annual visit after 02/84	25	<b>R25.SD2</b>
4.7	Items added to 07/86 version of Form 25	25	<b>R25A.SD2</b>

A. List of variables deleted    **F16DATE F16ESTAT F16DFC F16FCB F16INIT  
F16LABDT F16LASTE F16LASTU F16NDATE F16PEB F16VDATE**

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    **F16DATE    F16LABDT**

H.    New name    **JF16DATE    J16LABDT**

A. Collection Information:

**Form 16 (Infant Interim Clinic Visit)** was used as the entry physical and laboratory form for patients entered at < 2 years of age from 03/01/79 through 02/29/84. The form was also used during this period for regularly scheduled follow-up visits required at 2, 4, 6, 9, 12, 15, 18, and 21 months of age. The earliest **Infant Interim Clinic Visit** form completed on an infant was the official entry form for the patient—i.e., the date of the clinic visit reported on this form should be equal to the date of entry (**DOE**) in the “roster” (case) dataset **R09.SD2**.

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**Form 16E** replaced **Form 16** as the **Infant Interim Clinic Visit** form in March 1984 [See Section 4.2].

- B. Data Collection Period: 03/79 – 02/84
- C. Form Version Dates: 03/01/79, 03/29/79
- D. Files Used to Store Information:  
SAS System File: **R16.SD2**  
Format File: **R16.FMT**
- E. Unique Record Identifiers: **ANONID, F16CYCLE**  
Records within the dataset are sorted by **ANONID** and **F16CYCLE** (patient's age in months).
- F. Number of Observations (Patients) in SAS dataset: 2,690(595)
- G. Contents of SAS Dataset:
- Alphabetical Listing of Variables: See pp. 17-19
  - Listing of Variables by Position: See pp. 20-22

Results for the following studies, which are listed on **Form 16**, are stored in other SAS datasets and are described in the section listed below:

<u>Study</u>	<u>SAS Dataset</u>	<u>See Section</u>
G-6-PD	<b>R06.SD2</b>	5.1
Spleen Scan	<b>R26.SD2</b>	6

- H. Notes About Selected Variables:
- **F16CBCWB** – is the CBC white blood cell count variable. The value should be uncorrected for nucleated RBCs. However, there is really no way of knowing whether

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clinics adhered to the policy of recording WBCs which were uncorrected for nucleated RBCs.

- **F16NRB** – is the nucleated RBC variable. The field length for this variable is only two digits—if there were more than 100 nucleated RBCs/100 WBC, a value of 99 was entered.
- **CBC WBC Differential** – Values for one or more of the WBC differential variables (**F16DFPMN, F16DFEOS, F16DFBAS, F16DFLYM, F16DFMON, F16DFMM, F16DFATC**) may have missing values when the value should in fact be “0” since some clinic personnel just entered numbers for variables with non-zero values. If the sum of the differential variables with non-missing values is 100, the differential variables with missing values are assumed to have a value of 0. Values for any one of the 7 types of white blood cells should not be used unless the sum of the 7 types falls between 95-105.
- **Liver Function Tests Performed at Clinics C and D** – The units of measurement used for recording results of SGOT, SGPT, alkaline phosphatase, and LDH at clinics C and D were not the same as those requested on Form 16. Consequently, test results from patients at Clinics C and D only must be converted for these four variables:

<u>Variable</u>	<u>Conversion Formula</u>
<b>F16SGOT</b>	<b>F16SGOT=F16SGOT x 0.3</b>
<b>F16SGPT</b>	<b>F16SGPT= F16SGPT/2.22</b>
<b>F16ALKPH</b>	<b>F16ALKPH=F16ALKPH/0.87</b>
<b>F16LDH</b>	<b>F16LDH=F16LDH x 2.7</b>

- **Measurement Variables: F16WGT, F16LEN, F16HDC, F16CHC, F16CRDIS**

The unit of measurement used for recording weight should be kilograms; the unit of measurement used for recording length, head circumference, chest circumference, and crown-rump distance should be centimeters. Although much effort was put into editing these data, some values may still be in pounds for weight or inches for length, head circumference, chest circumference, or crown-rump distance. Appendix I should be used as a guide for identifying outliers which may reflect using the wrong unit of measurement.

I. Computed Variables:

- **F16CYCLE** – the SORT ID variable, is the infant’s age in months at the time of the visit. The value was computed at the time of data entry:

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Round ((F16DATE-BIRTHDAY)/30.4)

- **F16PEXAM** – is the variable name for whether the physical exam was normal or abnormal. If the value of **F16PEABN** fell between 1 and 32767, the value of **F16EXAM** was computed to be “2” (abnormal). If normal was checked for all categories (a-o) listed on **Form 16** under **Physical Examination**, **F16PEXAM** was computed to be “1” (normal).
- **F16PRBC** – is the variable name for pocked red blood cells. Blood samples for this test were sent to Yale for evaluation. Results were forwarded from Yale to the SCC for entry into the database. The results are stored in the SAS dataset **R07.SD2** [See Section 5.2]. The value for **F16PRBC** was calculated by searching through “Record 7s” for dates within  $\pm 3$  days of **F16DATE** and making **F16PRBC** equal to the **F07PIT** value if a “Record 7” within this time period was found.
- **F16CBCMH** – is the variable name for mean corpuscular hemoglobin (MCH). In most cases, the value was entered on the form. However, for patients with a missing value for this variable, the value can be computed:

$$\mathbf{F16CBCMH}=(\mathbf{F16CBCHB}/\mathbf{F16BCRB})*10$$

#### J. Inter-Relationship With Other Datasets:

1. Routine (“steady-state”) physical exam and/or laboratory data were also collected on:

<b>Phase 1 Forms</b>	<b>SAS Dataset</b>
Form 16E	<b>R24.SD2</b>
Form 11	<b>R1121.SD2</b>
Form 12	<b>R1222.SD2</b>
Form 17	<b>R1722.SD2</b>
Form 19	<b>R1722.SD2</b>
Form 20	<b>R1722.SD2</b>
Form 21	<b>R1722.SD2</b>
Form 22	<b>R1722.SD2</b>
Form 24	<b>R1722.SD2</b>
Form 25	<b>R25.SD2,</b> <b>R25A.SD2</b>

[See Section 4.0 – Overview]

2. Datasets which store other data required at entry or follow-up infant interim visits are:

- **SAS Dataset R06.SD2**

1. CDC hemoglobin electrophoresis results
2. G-6-PD results

Samples for hemoglobin electrophoresis were to be sent to the CDC at the time of entry of SCD infants. A repeat evaluation by the CDC was to be done at age 2 years for SCD infants.

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Samples for G-6-PD studies were to be sent to the University of Mississippi for SCD patients at 9 months of age at the earliest. Collection of samples for G-6-PD studies was discontinued in the Fall of 1981.

[See Section 5.1]

- **SAS Dataset R07.SD2**

1. Pocked RBC results

If the date (**F07DATE**) of pocked RBCs was within 3 days of the visit date (**F16DATE**), the result is stored in **R16.SD2 (F16PRBC)** as well as **R07.SD2 (F07PIT)**.

[See Section 5.2]

- **SAS Dataset R08.SD2**

1. Iron/Lead results

[See Section 5.3]

- **SAS Dataset R26.SD2**

1. Spleen scan results

[See Section 6]

- **SAS Dataset R27.SD2**

1. Alloantibody Results

[See Section 5.4]

- **SAS Dataset R28.SD2**

1. Denver Developmental Screening Test Results

[See Section 6]

3. The “Roster” (CASE) SAS Dataset **R09.SD2** includes:

- **BIRTHDAY** – the variable name for birthdate of infant;
- **SEX** – the variable name for gender of patient;
- **DOE** – date of entry into CSSCD Phase 1 study;
- **HEMO** – the variable name for hemoglobin phenotype;
- **INFLOAD** – the variable which stores the cycle # (age in months) of the last Form 16 (or 16E) on the database;
- **INF2** – the variable name for whether the patient “graduated” to the pediatric protocol. A value of “1” indicates that an intake at age 2 form and/or at least one later annual visit form was loaded to the database.
- **HEMO** – the variable name for hemoglobin phenotype;

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- **EPROTO** – the variable name for entry protocol. SCD patients entered at < 5 months of age will have a value of either “2” (newborn with at least 1 control patient) or “3” (newborn without controls). SCD patients entered between 5 and 24 months of age will have a value of “4” for this variable.
- **ELIGIBLE** – the variable name for whether an SCD infant was eligible for control matching;
- **CNTLID1, CNTLID2** – variable names for the **ANONID** #'s of matched controls for the case. Only SCD infants with an **EPROTO** value of “2” (newborn with at least one control patient) have values for one or both of these variables.

**CODEBOOK FOR CSSCD FORM 16  
INFANT INTERIM CLINIC VISIT FORM**

CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R16.SD2  
DATA FROM CSSCD FORM 16 - INFANT INTERIM CLINIC VISIT  
VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION  
IN THE SAS DATASET AND ON FORM 16

The SAS System 13:46 Friday, September 29, 2006 1

The CONTENTS Procedure

Data Set Name	OUT1.R16	Observations	2690
Member Type	DATA	Variables	78
Engine	V9	Indexes	0
Created	15:54 Thursday, September 28, 2006	Observation Length	624
Last Modified	15:54 Thursday, September 28, 2006	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	105
First Data Page	1
Max Obs per Page	26
Obs in First Data Page	9
Number of Data Set Repairs	0
File Name	r16.sas7bdat
Release Created	9.0000MO
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
66	F16ALBMN	Num	8	LIVER ALBUMIN (G DL)
63	F16ALKPH	Num	8	LIVER ALKALINE PHOSPHATASE (UNITS)
71	F16AVNCR	Num	8	AVASCULAR NECROSIS SHOULDER
60	F16BLRBN	Num	8	LIVER TOTAL BILIRUBIN (MG DL)
70	F16BNABN	Num	8	BONE ABNORMALITIES
54	F16BTAB	Num	8	BLOOD TYPE ABO
53	F16BTPDN	Num	8	BLOOD TYPE DONE
55	F16BTRH	Num	8	BLOOD TYPE RH
67	F16CARD	Num	8	CARDIOMEGALY
31	F16CBCHB	Num	8	CBC HB (G DL)
32	F16CBCHC	Num	8	CBC HCT (%)
36	F16CBMH	Num	8	CBC MCH (PG)
35	F16CBMV	Num	8	CBC MCV (FL)
33	F16BCRB	Num	8	CBC RBC (X 10(12) L)
34	F16BCWB	Num	8	CBC WBC (X 10(9) L)
22	F16CHC	Num	8	CHEST CIRCUMFERENCE (CM.)
58	F16COOAN	Num	8	COOMBS TEST ANTIBODIES



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56	F16COODN	Num	8	COOMBS TEST DONE
57	F16COOMB	Num	8	COOMBS TEST
23	F16CRDIS	Num	8	CROWN-RUMP DISTANCE (CM.)
75	F16CTR	Num	8	C-T RATIO
2	F16CYCLE	Num	8	CYCLE NUMBER
73	F16CYSL	Num	8	SHOULDER CYSTIC LESIONS
52	F16DBLRB	Num	8	DIRECT BILIRUBIN (MG DL)
42	F16DFATC	Num	8	DIFFERENTIAL ATYPICAL CELLS (%)
39	F16DFBAS	Num	8	DIFFERENTIAL BASOPHILS (%)

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The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
76	F16DFBND	Num	8	DIFFERENTIAL BANDS
38	F16DFEOS	Num	8	DIFFERENTIAL EOSINOPHILS (%)
40	F16DFLYM	Num	8	DIFFERENTIAL LYMPHOCYTES (%)
44	F16DFMM	Num	8	DIFFERENTIAL METAMYEL MYELOCYTES (%)
41	F16DFMON	Num	8	DIFFERENTIAL MONOCYTES (%)
37	F16DFPMN	Num	8	DIFFERENTIAL PMN (%)
6	F16ERIN	Num	8	NUMBER OF ER VISITS FOR INFECTION
7	F16EROR	Num	8	NUMBER OF ER VISITS NOT FOR INFECTION
3	F16FCF	Num	8	FORM COMPLETED FOR
74	F16GNOST	Num	8	GENERALIZED OSTEOPOROSIS
21	F16HDC	Num	8	HEAD CIRCUMFERENCE (CM.)
59	F16HGBF	Num	8	HEMOGLOBIN F (%)
48	F16HJB	Num	8	HOWELL-JOLLY BODIES
8	F16HOSP	Num	8	IN HOSPITAL SINCE VISIT
11	F16ILLVS	Num	8	ILL SINCE LAST VISIT
9	F16INFE	Num	8	NUMBER OF INFECTIONS
47	F16ISC	Num	8	ISC (%)
64	F16LDH	Num	8	LIVER LDH (MG DL)
20	F16LEN	Num	8	LENGTH (CM.)
68	F16LNGIN	Num	8	LUNG INFILTRATE
24	F16LVR	Num	8	LIVER - CM BELOW RCM
12	F16MDANA	Num	8	TAKING ANALGESICS
14	F16MDANT	Num	8	TAKING ANTIBIOTICS
16	F16MDCDE	Num	8	OTHER MEDICINE CODE
13	F16MDIRN	Num	8	TAKING IRON
15	F16MDOTH	Num	8	TAKING OTHER MEDICINE
10	F16NMSEF	Num	8	NUMBER ASSOCIATED SPECIAL EVENT FORMS
43	F16NRB	Num	8	NUCLEATED RED BLOOD CELLS ( 100 WBC)
29	F16PEABN	Num	8	PHYSICAL EXAM ABNORMALITIES
30	F16PEDSC	Num	8	PHYS. EXAM DESCRIPTION
28	F16PEXAM	Num	8	NORMAL PHYSICAL EXAM
4	F16PHYIN	Num	8	NUMBER OF VISITS TO DR FOR INFECTION
5	F16PHYOR	Num	8	NUMBER OF VISITS TO DR NOT FOR INFECTION
45	F16PLATE	Num	8	PLATELETS (X 10(9) L)
69	F16PLEFF	Num	8	PLEURAL EFFUSION
49	F16PRBC	Num	8	POCKED RED BLOOD CELLS (%)
46	F16RETIC	Num	8	RETICULOCYTES (%)
50	F16SBLDN	Num	8	SERUM BILIRUBIN DONE
51	F16SBLRB	Num	8	SERUM BILIRUBIN (MG DL)
72	F16SCLR	Num	8	SHOULDER SCLEROSIS
61	F16SGOT	Num	8	LIVER SGOT (UNITS DL)
62	F16SGPT	Num	8	LIVER SGPT (UNITS DL)
27	F16SPLDI	Num	8	SPLEEN - CM FROM MIDLINE
25	F16SPLP	Num	8	PALPABLE SPLEEN
26	F16SPLTP	Num	8	SPLEEN - CM BELOW LCM
17	F16TMP	Num	8	TEMPERATURE

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18	F16TMPH	Num	8	HOW TEMPERATURE TAKEN
65	F16TPRO	Num	8	LIVER TOTAL PROTEIN (G DL)
19	F16WGT	Num	8	WEIGHT (KG)
78	J16LABDT	Num	8	LABORATORY DATE - DAYS SINCE DOE
77	JF16DATE	Num	8	DATE OF VISIT - DAYS SINCE DOE

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\*\*\*\*\*  
\*\*\*\*\*  
\* R16.FMT contains value labels for numerical codes assigned to  
categorical \*  
\* variables in the SAS dataset R16.SD2  
\*  
\*\*\*\*\*  
\*\*\*\*\*;

\* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD      04/18/99 13:45:07;

PROC FORMAT;

VALUE F16FCF  
1                = 'SCHEDULED VISIT'  
2                = 'NON-SCHEDULED'  
3                = 'MISSED VISIT';

VALUE F16ILLVS  
1                = 'BAD COLD(1)'  
2                = 'EAR INFECTION(2)'  
4                = 'FEVER(4)'  
8                = 'DIARRHEA OR VOMITING(8)'  
16               = 'BLADDER INFECTION(16)'  
32               = 'OTHER INFECTION(32)'  
64               = 'NONE(64)';

\* FORMAT NO\_YES used for the following variables: F16MDANA F16MDIRN  
F16MDANT  
F16MDOTH F16SPLP F16PEDSC;

VALUE NO\_YES  
1                = 'NO'  
2                = 'YES';

VALUE F16TMPH  
1                = 'ORAL'  
2                = 'RECTAL'  
3                = 'AXILLARY';

VALUE F16LVR  
-8               = 'PALPATED AT RCM(-8)';

VALUE F16PEXAM  
1                = 'NORMAL'  
2                = 'ABNORMAL';

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VALUE F16PEABN  
1 = 'GEN. APPEARANCE(1)'  
2 = 'HEART(2)'  
4 = 'LUNGS(4)'  
8 = 'EAR,NOSE,THROAT(8)'  
16 = 'HEAD & NECK(16)'  
32 = 'EYES(32)'  
64 = 'ABDOMEN(64)'  
128 = 'EXT. GENITALIA(128)'  
256 = 'ANUS(256)'  
512 = 'EXT., CLAV.,HIPS(512)'  
1024 = 'TRUNK & SPINE(1024)'  
2048 = 'SKIN(2048)'  
4096 = 'NEURO. EXAM(4096)'  
8192 = 'MUSCLE TONE(8192)'  
16384 = 'REFLEXES(16384)';

VALUE F16HJB  
1 = 'PRESENT'  
2 = 'ABSENT';

\* FORMAT TEST used for the following variables: F16SBLDN F16BTPDN  
F16COODN;

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

VALUE F16BTAB  
1 = 'A'  
2 = 'B'  
3 = 'AB'  
4 = 'O';

VALUE F16BTRH  
1 = 'NEG'  
2 = 'POS';

VALUE F16COOMB  
1 = 'NEG'  
2 = 'WEAK'  
3 = 'POS';

VALUE F16COOAN  
1 = 'ANTI O(1)'  
2 = 'ANTI A(2)'  
4 = 'ANTI B(4)'  
8 = 'OTHER(8)'  
16 = 'NONE(16)';

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\* FORMAT YES\_NO used for the following variables: F16CARD F16BNABN  
F16AVNCR

F16SCLR F16CYSL F16GNOST;

VALUE YES\_NO

1 = 'YES'  
2 = 'NO';

VALUE F16LNGIN

1 = 'L-UPPER LOBE(1)'  
2 = 'L-LINGULA(2)'  
4 = 'L-LOWER LOBE(4)'  
8 = 'R-UPPER LOBE(8)'  
16 = 'R-MIDDLE LOBE(16)'  
32 = 'R-LOWER LOBE(32)'  
64 = 'NO(64)';

VALUE F16PLEFF

1 = 'RIGHT'  
2 = 'LEFT'  
3 = 'BOTH'  
4 = 'NONE';

\* FORMAT MMDDYY8.  
F16FCF F16FCF.  
F16ILLVS F16ILLVS.  
F16MDANA F16MDIRN F16MDANT F16MDOTH F16SPLP F16PEDSC  
NO\_YES.

F16TMPH F16TMPH.  
F16LVR F16LVR.  
F16PEXAM F16PEXAM.  
F16PEABN F16PEABN.  
F16HJB F16HJB.  
F16SBLDN F16BTPDN F16COODN TEST.  
F16BTAB F16BTAB.  
F16BTRH F16BTRH.  
F16COOMB F16COOMB.  
F16COOAN F16COOAN.  
F16CARD F16BNABN F16AVNCR F16SCLR F16CYSL F16GNOST

YES\_NO.

F16LNGIN F16LNGIN.  
F16PLEFF F16PLEFF.;

RUN;  
QUIT;

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f16cycle ----- cycle number  
 type: numeric (float)  
 range: [0,25] units: 1  
 unique values: 26 coded missing: 0 / 2690

tabulation:

Freq.	Value	Freq.	Value
4	0	61	13
69	1	65	14
173	2	192	15
85	3	78	16
234	4	54	17
98	5	207	18
217	6	77	19
84	7	61	20
62	8	198	21
203	9	77	22
78	10	11	23
73	11	7	24
221	12	1	25

f16cycle:  
 1. See section on computed variables.

f16vdate ----- version date **DELETED**  
 type: numeric (int)  
 label: datelab  
 range: [6999,7027] units: 1  
 unique values: 2 coded missing: 0 / 2690

tabulation:	Freq.	Numeric	Label
	72	6999	03/01/79
	2618	7027	03/29/79

f16fcf ----- form completed for  
 type: numeric (float)  
 label: f16fcf  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 99 / 2690

tabulation:	Freq.	Numeric	Label
	2389	1	scheduled visit
	40	2	non-scheduled
	162	3	missed visit

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f16phyin ----- number of visits to dr for infection  
type: numeric (float)

range: [.,.] units: .  
unique values: 0 coded missing: 2690 / 2690

tabulation: Freq. Value  
Value missing for all patients.

f16phyor ----- number of visits to dr not for infection  
type: numeric (float)

range: [0,4] units: 1  
unique values: 5 coded missing: 2083 / 2690

tabulation: Freq. Value  
199 0  
329 1  
55 2  
16 3  
8 4

f16phyor:

1. Response required only if outside medical care was sought.

f16erin ----- number of er visits for infection  
type: numeric (float)

range: [.,.] units: .  
unique values: 0 coded missing: 2690 / 2690

tabulation: Freq. Value  
Value missing for all patients.

f16eror ----- number of er visits not for infection  
type: numeric (float)

range: [0,3] units: 1  
unique values: 4 coded missing: 2161 / 2690

tabulation: Freq. Value  
263 0  
218 1  
41 2  
7 3

f16eror:

1. Response required only if outside medical care was sought.



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f16hosp ----- in hospital since visit

type: numeric (float)

range: [0,2]

units: 1

unique values: 3

coded missing: 2170 / 2690

tabulation:	Freq.	Value
	261	0
	68	1
	191	2

f16hosp:

1. Response required only if outside medical care was sought.

f16infe ----- number of infections

type: numeric (float)

range: [0,7]

units: 1

unique values: 6

coded missing: 1797 / 2690

tabulation:	Freq.	Value
	616	0
	225	1
	37	2
	10	3
	4	4
	1	7

f16infe:

1. Response required only if outside medical care was sought.

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f16nmsef ----- number associated special event forms

type: numeric (float)

range: [0,4]

units: 1

unique values: 5

coded missing: 961 / 2690

tabulation: Freq. Value

1589	0
96	1
28	2
10	3
6	4

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f16illvs ----- ill since last visit

type: numeric (float)  
 label: f16illvs

range: [1,64] units: 1  
 unique values: 35 coded missing: 139 / 2690

tabulation:	Freq.	Numeric	Label
	271	1	bad cold(1)
	56	2	ear infection(2)
	29	3	
	134	4	fever(4)
	192	5	
	43	6	
	62	7	
	84	8	diarrhea or vomiting(8)
	45	9	
	4	10	
	4	11	
	39	12	
	55	13	
	14	14	
	31	15	
	1	16	bladder infection(16)
	1	21	
	1	28	
	1	31	
	39	32	other infection(32)
	5	33	
	2	34	
	1	35	
	8	36	
	10	37	
	2	38	
	4	39	
	1	40	
	1	43	
	4	44	
	4	45	
	3	46	
	3	47	
	1	53	
	1396	64	none(64)

f16illvs:

1. Binary coded variable. See Part II for explanation of binary coded variables.

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f16mdana ----- taking analgesics

type: numeric (float)  
label: f16mdana

range: [1,2] units: 1  
unique values: 2 coded missing: 31 / 2690

tabulation:	Freq.	Numeric	Label
	2619	1	no
	40	2	yes

f16mdirn ----- taking iron

type: numeric (float)  
label: f16mdirn

range: [1,2] units: 1  
unique values: 2 coded missing: 35 / 2690

tabulation:	Freq.	Numeric	Label
	2585	1	no
	70	2	yes

f16mdant ----- taking antibiotics

type: numeric (float)  
label: f16mdant

range: [1,2] units: 1  
unique values: 2 coded missing: 31 / 2690

tabulation:	Freq.	Numeric	Label
	2240	1	no
	419	2	yes

f16mdoth ----- taking other medicine

type: numeric (float)  
label: f16mdoth

range: [1,2] units: 1  
unique values: 2 coded missing: 47 / 2690

tabulation:	Freq.	Numeric	Label
	1961	1	no
	682	2	yes

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f16mdcde ----- other medicine code

type: numeric (float)

range: [11,999]

units: 1

unique values: 44

coded missing: 2028 / 2690

tabulation:	Freq.	Value
	5	11
	3	25
	7	28
	1	46
	4	67
	1	99
	1	102
	1	126
	1	182
	1	191
	8	196
	1	230
	1	237
	311	249
	1	314
	3	341
	1	347
	1	350
	1	355
	1	367
	1	369
	6	371
	1	379
	1	408
	1	417
	4	420
	1	422
	2	423
	1	424
	3	443
	4	463
	2	471
	5	480
	1	488
	1	507
	1	512
	13	513
	27	514
	97	515
	1	574
	9	575
	1	580
	10	599
	115	999

f16mdcde:

1. Response required only if F16MDOTH=2.
2. See Appendix D for coded drug list.

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f16tmp ----- temperature  
 type: numeric (float)  
 range: [30.3,39.6] units: .1  
 unique values: 50 coded missing: 170 / 2690  
 mean: 37.1539  
 std. dev: .617671  
 percentiles: 10% 25% 50% 75% 90%  
                   36.55 37 37.2 37.5 37.8

f16tmph ----- how temperature taken  
 type: numeric (float)  
 label: f16tmph  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 178 / 2690  
 tabulation: Freq. Numeric Label  
                   9 1 oral  
                  2059 2 rectal  
                  444 3 axillary

f16tmph:  
 1. Response required only if there was a value for temperature.

f16wgt ----- weight (kg)  
 type: numeric (float)  
 range: [1.73,21.4] units: .01  
 unique values: 662 coded missing: 48 / 2690  
 mean: 8.93703  
 std. dev: 2.51685  
 percentiles: 10% 25% 50% 75% 90%  
                   5.5 7.15 9 10.6 12.05

f16wgt:  
 1. See Appendix I for normal measurement ranges for ages 2-24 months.

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f16len ----- length (cm.)  
                  type: numeric (float)  
  
                  range: [39,100]                                  units: .1  
          unique values: 317                                  coded missing: 69 / 2690  
  
                  mean: 72.3216  
                  std. dev: 9.4537  
  
          percentiles:          10%          25%          50%          75%          90%  
                                  59          65.5          73.5          80          84

f16len:  
1. See Appendix I for normal measurement ranges for ages 2-24 months.

f16hdc ----- head circumference (cm.)  
                  type: numeric (float)  
  
                  range: [29,57]                                  units: .1  
          unique values: 142                                  coded missing: 185 / 2690  
  
                  mean: 44.9177  
                  std. dev: 3.67752  
  
          percentiles:          10%          25%          50%          75%          90%  
                                  40          42.5          45.5          47.5          49

f16hdc:  
1. See Appendix I for normal measurement ranges for ages 2-24 months.

f16chc ----- chest circumference (cm.)  
                  type: numeric (float)  
  
                  range: [30,62]                                  units: .1  
          unique values: 146                                  coded missing: 445 / 2690  
  
                  mean: 45.061  
                  std. dev: 4.28748  
  
          percentiles:          10%          25%          50%          75%          90%  
                                  39.5          42          45.5          48          50

f16chc:  
1. See Appendix I for normal measurement ranges for ages 2-24 months.

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f16crdis ----- crown-rump distance (cm.)  
 type: numeric (float)  
 range: [21,63.5] units: .1  
 unique values: 156 coded missing: 591 / 2690  
 mean: 44.874  
 std. dev: 5.76185  
 percentiles: 10% 25% 50% 75% 90%  
                   38 41 45 49 52

f16crdis:  
 1. See Appendix I for normal measurement ranges for ages 2-24 months.

f16lvr ----- liver - cm below rcm  
 type: numeric (float)  
 label: f16lvr  
 range: [-8,9] units: 1  
 unique values: 10 coded missing: 110 / 2690  
 tabulation: Freq. Numeric Label  
                   6 -8 palpated at rcm(-8)  
                  1489 0  
                  392 1  
                  424 2  
                  161 3  
                  64 4  
                  27 5  
                  11 6  
                  5 7  
                  1 9

f16splp ----- palpable spleen  
 type: numeric (float)  
 label: f16splp  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 498 / 2690  
 tabulation: Freq. Numeric Label  
                  1650 1 no  
                  542 2 yes

f16splp:  
 1. If date of entry (F16NDATE) of FORM 16 was between 11/9/80 and 12/9/80, values may be missing since the data entry program during this period was not collecting this data correctly. F16NDATE - **DELETED**



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f16spltp ----- spleen - cm below lcm

type: numeric (float)

range: [0,9] units: 1  
unique values: 10 coded missing: 2041 / 2690

tabulation:	Freq.	Value
	10	0
	196	1
	191	2
	118	3
	59	4
	57	5
	14	6
	2	7
	1	8
	1	9

f16spltp:

1. Response required only if F16SPLP=2.

f16spldi ----- spleen - cm from midline

type: numeric (float)

range: [0,20] units: 1  
unique values: 14 coded missing: 2183 / 2690

tabulation:	Freq.	Value
	59	0
	66	1
	51	2
	46	3
	62	4
	57	5
	46	6
	46	7
	50	8
	11	9
	10	10
	1	11
	1	15
	1	20

f16spldi:

1. Response required only if F16SPLP=2.

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f16pexam ----- normal physical exam

type: numeric (float)  
 label: f16pexam  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 276 / 2690

tabulation:	Freq.	Numeric	Label
	1380	1	normal
	1034	2	abnormal

f16pexam:

1. See section on computed variables
2. If date of entry F16NDATE of FORM 16 was between 11/9/80 and 12/9/80, values may be missing since the data entry program during this period was not collecting this data correctly. F16NDATE - **DELETED**

f16peabn ----- physical exam abnormalities

type: numeric (float)  
 label: f16peabn  
 range: [1,30728] units: 1  
 unique values: 141 coded missing: 1660 / 2690

tabulation:

Freq.	Numeric	Label	Freq.	Numeric	Label
18	1	gen. appearance(1)	2	73	
148	2	heart(2)	6	74	
1	3		5	76	
25	4	lungs(4)	2	78	
4	6		1	80	
193	8	ear,nose,throat(8)	1	86	
5	9		3	88	
11	10		1	90	
21	12		4	96	
2	13		4	98	
3	14		1	99	
14	16	head & neck(16)	2	104	
4	17		1	105	
3	18		1	110	
1	20		1	114	
6	24		15	128	ext. genitalia(128)
2	28		5	130	
1	29		1	136	
17	32	eyes(32)	2	138	
1	33		1	140	
6	34		1	142	
1	40		1	144	
1	44		1	146	
112	64	abdomen(64)	1	152	
1	65		1	192	
39	66		1	194	
1	67		2	256	anus(256)
6	68		1	258	
14	72		1	320	

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f16peabn (cont'd)----- physical exam abnormalities (cont'd)  
 type: numeric (float)  
 label: f16peabn  
 range: [1,30728] units: 1  
 unique values: 141 coded missing: 1660 / 2690

tabulation:

Freq.	Numeric	Label	Freq.	Numeric	Label
1	328		1	2144	
1	384		1	2152	
28	512	ext., clav.,hips(512)	1	2153	
1	513		1	2156	
7	514		2	2176	
1	515		1	2186	
2	520		1	2200	
1	522		2	2304	
1	524		1	2336	
1	528		1	2432	
1	544		1	2434	
4	576		2	2560	
1	577		2	2562	
1	578		1	2564	
1	584		1	2568	
1	586		1	2570	
0	1024	trunk & spine(1024)	1	2586	
1	1025		1	2624	
1	1088		2	2688	
116	2048	skin(2048)	1	3585	
2	2049		2	4096	neuro. exam(4096)
12	2050		1	4098	
1	2051		1	4129	
2	2052		1	4160	
2	2054		1	4608	
16	2056		1	6144	
2	2058		1	6146	
1	2060		1	7194	
3	2064		0	8192	muscle tone(8192)
3	2065		1	8194	
1	2072		1	8704	
1	2076		1	8744	
2	2080		2	10306	
1	2081		1	12297	
1	2082		1	12306	
1	2083		1	16384	reflexes(16384)
12	2112		1	18441	
8	2114		1	28673	
2	2115		1	28723	
4	2120		1	28731	
2	2124		1	28785	
1	2136		1	30728	
1	2139				

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f16peabn:

1. Binary coded variable. See Part II for explanation of binary coded variables.

f16pedsc ----- phys. exam description

type: numeric (float)

label: f16pedsc

range: [1,2]

units: 1

unique values: 2

coded missing: 1661 / 2690

tabulation:	Freq.	Numeric	Label
	7	1	no
	1022	2	yes

f16pedsc:

1. Response required only if F16PEXAM=2.

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CSSCD FULL COHORT PATIENTS

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f16cbchb ----- cbc hb (g|dl)  
type: numeric (float)  
range: [4.7,16.6] units: .1  
unique values: 102 coded missing: 130 / 2690  
  
mean: 9.73703  
std. dev: 1.49304  
  
percentiles:        10%        25%        50%        75%        90%  
                     7.8        8.7        9.8        10.7       11.5

f16cbchc ----- cbc hct (%)  
type: numeric (float)  
range: [15,51.5] units: .1  
unique values: 242 coded missing: 125 / 2690  
  
mean: 28.8227  
std. dev: 4.56947  
  
percentiles:        10%        25%        50%        75%        90%  
                     22.9       25.7       29        31.7       34.2

f16bcrb ----- cbc rbc (x 10(12)|l)  
type: numeric (float)  
range: [1.27,6.19] units: .01  
unique values: 366 coded missing: 219 / 2690  
  
mean: 3.6832  
std. dev: .787316  
  
percentiles:        10%        25%        50%        75%        90%  
                     2.65       3.11       3.67       4.23       4.7

f16bcrb:  
1. Not applicable for version 3/1/79.

f16bcwb ----- cbc wbc (x 10(9)|l)  
type: numeric (float)  
range: [1.8,42.8] units: .1  
unique values: 246 coded missing: 145 / 2690  
  
mean: 11.6672  
std. dev: 4.86858  
  
percentiles:        10%        25%        50%        75%        90%  
                     6.9        8.4        10.4       13.6       18.4

f16bcwb:  
1. Should be uncorrected for nucleated RBCs.  
2. For missing values, see section on computed variables.

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 CSSCD FULL COHORT PATIENTS

---

f16cbcmv ----- cbc mcv (fl)  
 type: numeric (float)  
 range: [51,117] units: 1  
 unique values: 57 coded missing: 248 / 2690  
 mean: 79.595  
 std. dev: 9.54741  
 percentiles: 10% 25% 50% 75% 90%  
                   67 72 80 86 92

f16cbcmv:  
 1. Not applicable for version 3/1/79.

f16cbcmh ----- cbc mch (pg)  
 type: numeric (float)  
 range: [20,35] units: .1  
 unique values: 150 coded missing: 391 / 2690  
 mean: 26.9823  
 std. dev: 3.37277  
 percentiles: 10% 25% 50% 75% 90%  
                   22.6 24.3 26.9 29.5 31.6

f16cbcmh:  
 1. Not applicable for version 3/1/79.  
 2. For missing values, see section on computed variables.

f16dfpmn ----- differential pmn (%)  
 type: numeric (float)  
 range: [0,99] units: 1  
 unique values: 79 coded missing: 286 / 2690  
 mean: 31.896  
 std. dev: 13.074  
 percentiles: 10% 25% 50% 75% 90%  
                   16 22 30 40 49

f16dfeos ----- differential eosinophils (%)  
 type: numeric (float)  
 range: [0,30] units: 1  
 unique values: 25 coded missing: 335 / 2690  
 mean: 3.02548  
 std. dev: 3.04863  
 percentiles: 10% 25% 50% 75% 90%  
                   0 1 2 4 7

**CODEBOOK FOR CSSCD FORM 16**  
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 CSSCD FULL COHORT PATIENTS

---

f16dfbas ----- differential basophils (%)  
 type: numeric (float)  
 range: [0,6] units: 1  
 unique values: 7 coded missing: 539 / 2690  
 mean: .297071  
 std. dev: .635087  
 percentiles: 10% 25% 50% 75% 90%  
                   0 0 0 0 1

f16dflym ----- differential lymphocytes (%)  
 type: numeric (float)  
 range: [0,96] units: 1  
 unique values: 81 coded missing: 284 / 2690  
 mean: 57.7972  
 std. dev: 13.8471  
 percentiles: 10% 25% 50% 75% 90%  
                   40 49 59 68 75

f16dfmon ----- differential monocytes (%)  
 type: numeric (float)  
 range: [0,32] units: 1  
 unique values: 26 coded missing: 337 / 2690  
 mean: 6.0051  
 std. dev: 3.75866  
 percentiles: 10% 25% 50% 75% 90%  
                   2 3 5 8 11

f16dfatc ----- differential atypical cells (%)  
 type: numeric (float)  
 range: [0,30] units: 1  
 unique values: 20 coded missing: 549 / 2690  
 mean: .96964  
 std. dev: 2.09506  
 percentiles: 10% 25% 50% 75% 90%  
                   0 0 0 1 3

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---

f16nrb ----- nucleated red blood cells (|100 wbc)  
 type: numeric (float)  
 range: [0,99] units: 1  
 unique values: 44 coded missing: 363 / 2690  
 mean: 1.45853  
 std. dev: 5.773  
 percentiles: 10% 25% 50% 75% 90%  
                   0 0 0 0 3

f16dfmm ----- differential metamyel|myelocytes (%)  
 type: numeric (float)  
 range: [0,8] units: 1  
 unique values: 7 coded missing: 696 / 2690  
 mean: .052658  
 std. dev: .405352  
 percentiles: 10% 25% 50% 75% 90%  
                   0 0 0 0 0

f16dfbnd ----- differential bands  
 type: numeric (float)  
 range: [1,4] units: 1  
 unique values: 3 coded missing: 2686 / 2690  
 tabulation: Freq. Value  
                   1 1  
                   1 3  
                   2 4

f16dfbnd:  
 1. Neither form version listed F16DFBND as a laboratory variable.  
 Therefore, values are missing for the majority of patients.

f16plate ----- platelets (x 10(9)|1)  
 type: numeric (float)  
 range: [29,991] units: 1  
 unique values: 570 coded missing: 677 / 2690  
 mean: 398.721  
 std. dev: 141.545  
 percentiles: 10% 25% 50% 75% 90%  
                   232 304 386 480 583



**CODEBOOK FOR CSSCD FORM 16**  
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f16plate:

1. Value entered at entry and 12 months of age.
2. Please see flowchart summarizing required laboratory tests for each age.

f16retic ----- reticulocytes (%)

type: numeric (float)

range: [0,46]    units: .1

unique values: 244    coded missing: 220 / 2690

mean: 6.71555

std. dev: 6.3809

percentiles:            10%            25%            50%            75%            90%

                        1.3            2.3            4.5            9            16

f16isc ----- isc (%)

type: numeric (float)

range: [0,40]    units: 1

unique values: 34    coded missing: 2195 / 2690

mean: 4.75152

std. dev: 6.81069

percentiles:            10%            25%            50%            75%            90%

                        0            1            2            6            14

f16isc:

1. Response required only if F16DATE < 7/1/80.

**MODIFIED**

f16hjb ----- howell-jolly bodies

type: numeric (float)

label: f16hjb

range: [1,2]    units: 1

unique values: 2    coded missing: 389 / 2690

tabulation:	Freq.	Numeric	Label
	295	1	present
	2006	2	absent

**CODEBOOK FOR CSSCD FORM 16**  
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CSSCD FULL COHORT PATIENTS

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---

f16prbc ----- pocked red blood cells (%)  
          type: numeric (float)  
  
          range: [0,32.6]                          units: .1  
unique values: 109                          coded missing: 1623 / 2690  
  
          mean: 3.02493  
          std. dev: 3.74002  
  
percentiles:          10%          25%          50%          75%          90%  
                          .4          .9          1.6          3.6          7.2

f16prbc:

1. Results are also stored in RECORD 7 with the variable name F07PIT.
2. See section on computed variables.

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 CSSCD FULL COHORT PATIENTS

---

f16sbldn ----- serum bilirubin done

type: numeric (float)  
 label: f16sbldn

range: [1,2] units: 1  
 unique values: 2 coded missing: 1168 / 2690

tabulation:	Freq.	Numeric	Label
	53	1	done
	1469	2	not done

f16sblrb ----- serum bilirubin (mg|dl)

type: numeric (float)

range: [.3,12.2] units: .1  
 unique values: 24 coded missing: 2642 / 2690

mean: 1.45208  
 std. dev: 1.75741

percentiles:	10%	25%	50%	75%	90%
	.4	.65	1	1.8	2.6

f16dblrb ----- direct bilirubin (mg|dl)

type: numeric (float)

range: [.2,1.8] units: .1  
 unique values: 4 coded missing: 2685 / 2690

mean: .62  
 std. dev: .668581

percentiles:	10%	25%	50%	75%	90%
	.2	.3	.3	.5	1.8

f16btpdn ----- blood type done

type: numeric (float)  
 label: f16btpdn

range: [1,2] units: 1  
 unique values: 2 coded missing: 1164 / 2690

tabulation:	Freq.	Numeric	Label
	15	1	done
	1511	2	not done

**CODEBOOK FOR CSSCD FORM 16**  
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---

f16btab ----- blood type abo

type: numeric (float)  
label: f16btab

range: [1,4] units: 1  
unique values: 4 coded missing: 2675 / 2690

tabulation:	Freq.	Numeric	Label
	4	1	a
	1	2	b
	1	3	ab
	9	4	o

f16btrh ----- blood type rh

type: numeric (float)  
label: f16btrh

range: [1,2] units: 1  
unique values: 2 coded missing: 2675 / 2690

tabulation:	Freq.	Numeric	Label
	2	1	neg
	13	2	pos

f16coodn ----- coombs test done

type: numeric (float)  
label: f16coodn

range: [1,2] units: 1  
unique values: 2 coded missing: 1201 / 2690

tabulation:	Freq.	Numeric	Label
	11	1	done
	1478	2	not done

f16coomb ----- coombs test

type: numeric (float)  
label: f16coomb

range: [1,3] units: 1  
unique values: 2 coded missing: 2679 / 2690

tabulation:	Freq.	Numeric	Label
	10	1	neg
	1	3	pos

**CODEBOOK FOR CSSCD FORM 16**  
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---

f16cooan ----- coombs test antibodies

type: numeric (float)  
 label: f16cooan

range: [8,16] units: 1  
 unique values: 2 coded missing: 2680 / 2690

tabulation:	Freq.	Numeric	Label
	0	1	anti O(1)
	0	2	anti A(2)
	0	4	anti B(4)
	1	8	other(8)
	9	16	none(16)

f16cooan:

1. Binary coded variable. See Part II for explanation of binary coded variables.

f16hgbf ----- hemoglobin f (%)

type: numeric (float)

range: [.9,96.5] units: .1  
 unique values: 535 coded missing: 1022 / 2690

mean: 23.235  
 std. dev: 16.9717

percentiles:	10%	25%	50%	75%	90%
	5.5	11.4	18.9	30.65	45.9

Results for G-6-PD Studies are stored in RECORD 6, Section 5.1.

**4.2: Extension Infant Interim Clinic Visit Form - Form 16E**

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**4.2: Extension Infant Interim Clinic Visit Form - Form 16E**

f16blrbn ----- liver total bilirubin (mg|dl)

type: numeric (float)  
range: [.1,9] units: .1  
unique values: 46 coded missing: 2370 / 2690  
mean: 1.43  
std. dev: 1.25712  
percentiles: 10% 25% 50% 75% 90%  
.5 .7 1.1 1.8 2.5

f16blrbn:

1. Required only if age=1 year.

f16sgot ----- liver sgot (units|dl)

type: numeric (float)  
range: [4,350] units: 1  
unique values: 103 coded missing: 2350 / 2690  
mean: 58.7676  
std. dev: 41.3493  
percentiles: 10% 25% 50% 75% 90%  
28 36 48 66 100

f16sgot:

1. Units of measurement used for liver function tests performed at Clinics C & D were not the same as those requested on FORM 16. See section on computed variables to review conversions of this test result.
2. Required only if age=1 year.

f16sgpt ----- liver sgpt (units|dl)

type: numeric (float)  
range: [3,394] units: 1  
unique values: 69 coded missing: 2408 / 2690  
mean: 30.3014  
std. dev: 37.2792  
percentiles: 10% 25% 50% 75% 90%  
10 14 22 33 52

f16sgpt:

1. Units of measurement used for liver function tests performed at Clinics C and D were not the same as those requested on FORM 16. See section on computed variables to review conversions of this test result.
2. Required only if age=1 year.

**4.2: Extension Infant Interim Clinic Visit Form - Form 16E**

---

f16alkph ----- liver alkaline phosphatase (units)  
type: numeric (float)  
range: [40,999] units: 1  
unique values: 198 coded missing: 2385 / 2690  
mean: 261.367  
std. dev: 139.834  
percentiles: 10% 25% 50% 75% 90%  
139 181 232 287 424

f16alkph:

1. Units of measurement used for liver function tests performed at Clinics C & D were not the same as those requested on FORM 16. See section on computed variables to review conversions of this test result.
2. If value  $\geq 1000$ , value of 999 was entered.
3. Required only if age=1 year.

f16ldh ----- liver ldh (mg|dl)  
type: numeric (float)  
range: [60,999] units: 1  
unique values: 217 coded missing: 2403 / 2690  
mean: 381.328  
std. dev: 182.531  
percentiles: 10% 25% 50% 75% 90%  
168 271 361 455 612

f16ldh:

1. Units of measurement used for liver function tests performed at Clinics C & D were not the same as those requested on FORM 16. See section on computed variables to review conversions of this test result.
2. If value  $\geq 1000$ , value of 999 was entered.
3. Required only if age=1 year.

f16tpro ----- liver total protein (g|dl)  
type: numeric (float)  
range: [4.1,9.5] units: .1  
unique values: 35 coded missing: 2373 / 2690  
mean: 6.71987  
std. dev: .565419  
percentiles: 10% 25% 50% 75% 90%  
6.1 6.4 6.7 7 7.3

f16tpro:

1. Required only if age=1 year.



**4.2: Extension Infant Interim Clinic Visit Form - Form 16E**

f16albm ----- liver albumin (g|dl)  
type: numeric (float)  
range: [2.7,5.6] units: .1  
unique values: 25 coded missing: 2374 / 2690  
mean: 4.43418  
std. dev: .388366  
percentiles: 10% 25% 50% 75% 90%  
4 4.2 4.4 4.7 4.9

f16albm:  
1. Required only if age=1 year.

f16card ----- cardiomegaly  
type: numeric (float)  
label: f16card  
range: [1,2] units: 1  
unique values: 2 coded missing: 2474 / 2690  
tabulation: Freq. Numeric Label  
51 1 yes  
165 2 no

f16lugin ----- lung infiltrate  
type: numeric (float)  
label: f16lugin  
range: [1,64] units: 1  
unique values: 6 coded missing: 2473 / 2690  
tabulation: Freq. Numeric Label  
1 1 l-upper lobe(1)  
0 2 l-lingula(2)  
2 4 l-lower lobe(4)  
3 8 r-upper lobe(8)  
1 16 r-middle lobe(16)  
1 18  
0 32 r-lower lobe(32)  
209 64 no(64)

f16lugin:  
1. Binary coded variable. See Part II for explanation of binary coded variables.

**4.2: Extension Infant Interim Clinic Visit Form - Form 16E**

f16pleff ----- pleural effusion

type: numeric (float)  
label: f16pleff  
range: [4,4] units: 1  
unique values: 1 coded missing: 2473 / 2690

tabulation:	Freq.	Numeric	Label
	217	4	none
	0	1	right
	0	2	left
	118	4	none

f16pleff:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. Required only if age=1 year.

f16bnabn ----- bone abnormalities

type: numeric (float)  
label: f16bnabn  
range: [1,2] units: 1  
unique values: 2 coded missing: 2481 / 2690

tabulation:	Freq.	Numeric	Label
	1	1	yes
	208	2	no

f16bnabn:

1. Required only if age=1 year.

f16avnrc ----- avascular necrosis shoulder

type: numeric (float)  
label: f16avnrc  
range: [1,2] units: 1  
unique values: 2 coded missing: 2519 / 2690

tabulation:	Freq.	Numeric	Label
	1	1	yes
	170	2	no

f16avnrc:

1. Required only if age=1 year.

f16sclr ----- shoulder sclerosis

type: numeric (float)  
label: f16sclr  
range: [1,2] units: 1  
unique values: 2 coded missing: 2521 / 2690

tabulation:	Freq.	Numeric	Label
	1	1	yes
	168	2	no

**4.2: Extension Infant Interim Clinic Visit Form - Form 16E**

---

f16cysl ----- shoulder cystic lesions

type: numeric (float)  
label: f16cysl  
range: [1,2] units: 1  
unique values: 2 coded missing: 2521 / 2690

tabulation:	Freq.	Numeric	Label
	1	1	yes
	168	2	no

f16cysl:

1. Required only if age=1 year.

**4.2: Extension Infant Interim Clinic Visit Form - Form 16E**

f16gnost ----- generalized osteoporosis

type: numeric (float)  
label: f16gnost

range: [1,2] units: 1  
unique values: 2 coded missing: 2522 / 2690

tabulation:	Freq.	Numeric	Label
	1	1	yes
	167	2	no

f16gnost:

1. Required only if age=1 year.

f16ctr ----- c-t ratio

type: numeric (float)

range: [40,75] units: 1  
unique values: 15 coded missing: 2638 / 2690

mean: 52.1923  
std. dev: 5.75663

percentiles:	10%	25%	50%	75%	90%
	48	50	50	55.5	59

f16ctr:

1. Value needs to be divided by 100.
2. Required only if age=1 year.

\_dta:

1. Created 8/11/99

- A. List of variables deleted **F24CBCDT F24DATE F24ESTAT F24FCB F24INIT  
F24PRIDT F24LASTE F24LASTU F24NDATE F24VDATE**
- 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 **F24DATE F24PRIDT F24CBCDT**
- H. New name **J24DATE J24PRIDT J24CBCDT**
- I. Collection Information

#### 4.2: Extension Infant Interim Clinic Visit Form - Form 16E

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**Form 16E (Extension Infant Interim Clinic Visit Form)** was used as the entry physical and laboratory form for patients entered at < 12 months of age from 03/01/84 through 09/30/88. The form was also used during this period for regularly scheduled follow-up visits required at < 2 years of age. From 03/84 through 05/86, visits were required at 2, 4, 6, 9, 12, 15, 18, and 21 months of age. From 05/86 through 09/88, visits were required at 6, 12, and 18 months of age. For infants entered after 03/01/84, the earliest **Extension Infant Interim Clinic Visit** form completed was the official entry form for the patient – i.e., the date of the clinic visit reported on this form should be equal to the date of entry (**DOE**) in the “roster” (case) dataset **R09.SD2**. **Form 16** was used for the purposes described above prior to 03/84 [See Section 4.1].

J. Data Collection Period: 03/84 – 10/88

K. Form Version Dates: 01/20/84, 03/10/84

Note: Form 16E with version date 07/01/86 was also used. However, the version date entered on the database for forms with this version date was 03/10/84.

L. Files Used to Store Information:

SAS System File: **R24.SD2**

Format File: **R24.FMT**

E. Unique Record Identifiers: **ANONID, F24CYCLE**

Records within the dataset are sorted by **ANONID** and **F24CYCLE** (patient’s age in months).

F. Number of Observations (Patients) in SAS dataset: 1,803 (449)

G. Contents of SAS dataset:

- Alphabetical Listing of Variables: See pp. 59-60
- Listing of Variables by Position: See pp. 61-62

H. Notes About Selected Variables:

- **History of illness variables: F24ERINF, F24HOSIN, F24EROTH, F24HOSOT**

Unlike similar variable names in **R16.SD2**, the values for these variables include # of visits for illness at both study and non-study institutions. The variables in **R16.SD2** collect information about visits for illness at outside clinics only.

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#### 4.2: Extension Infant Interim Clinic Visit Form - Form 16E

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- **F24PNEDT, F24FLUDT** – are variable names for date of pneumococcal immunization and date of H. flu immunization respectively. The values are 4-digit integers consisting of month and year (MMYY date format).
- **Measurement Variables: F24WGT, F24LGTH, F24HDC**  
The unit of measurement used for recording weight should be kilograms; the unit of measurement used for recording length and head circumference should be centimeters. Although much effort was put into editing these data, some values may still be in pounds for weight or inches for length and head circumference. Appendix I should be used as a guide for identifying outliers which may reflect using the wrong unit of measurement.
- **F24CBCWB** – is the CBC white blood cell count variable. The value should be uncorrected for nucleated RBCs. However, there is really no way of knowing whether clinics adhered to the policy of recording WBCs which were uncorrected for nucleated RBCs.
- **F24ALKPH** – is the variable name for alkaline phosphatase. The field length for this variable is only three digits. If the value reported was  $\geq 1000$ , a value of “999” was entered.
- **Liver Function Tests Performed at Clinics C and D** – The units of measurement used for recording results of SGOT and alkaline phosphatase at clinics C and D were not the same as those requested on **Form 16E**. Consequently, test results from patients at Clinics C and D only must be converted for these two variables:

<u>Variable</u>	<u>Conversion Formula</u>
<b>F24SGOT</b>	<b>F24SGOT=F24SGOT x 0.3</b>
<b>F24ALKPH</b>	<b>F24ALKPH=F24ALKPH/0.87</b>

#### I. Computed Variables:

- **F24CYCLE** – the SORT ID variable, is the infant’s age in months at the time of the visit. The value was computed at the time of data entry:

$$\text{Round}((\mathbf{F24DATE}-\mathbf{BIRTHDAY})/30.4)$$

- **F24PRBC** – is the variable name for pocked red blood cells. Blood samples for this test were sent to Yale for evaluation. Results were forwarded from Yale to the SCC for entry into the database. The results are stored in the SAS dataset **R07.SD2** [See Section 5.2]. The value for **F24PRBC** was calculated by searching through “Record 7s” for dates within  $\pm 3$  days of **F24DATE** and making **F24PRBC** equal to the **F07PIT** value if a “Record 7” within this time period was found.

#### J. Inter-Relationship With Other Datasets:

##### A. Collection

1. Routine (“steady-state”) physical exam and/or laboratory data were also

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## 4.2: Extension Infant Interim Clinic Visit Form - Form 16E

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collected on:

<b>Phase 1 Forms</b>	<b>SAS Dataset</b>
Form 16	<b>R16.SD2</b>
Form 11	<b>R1121.SD2</b>
Form 12	<b>R1222.SD2</b>
Form 17	<b>R1722.SD2</b>
Form 19	<b>R1722.SD2</b>
Form 20	<b>R1722.SD2</b>
Form 21	<b>R1722.SD2</b>
Form 22	<b>R1722.SD2</b>
Form 24	<b>R1722.SD2</b>
Form 25	<b>R25.SD2</b>

[See Section 4.0 – Overview]

2. Datasets which store other laboratory data required at entry are:

- **SAS Dataset R06.SD2**

CDC hemoglobin electrophoresis results

Samples for electrophoresis were to be sent to the CDC at the time of entry. A repeat evaluation by the CDC was to be done at 2 years of age.

[See Section 5.1]

- **SAS Dataset R07.SD2**

Pocked RBC results

If the date (**F07DATE**) of pocked RBCs was within 3 days of the visit date (**F24DATE**), the result is stored in **R24.SD2 (F24PRBC)** as well as **R07.SD2 (F07PIT)**.

[See Section 5.2]

3. The “Roster” (CASE) SAS Dataset **R09.SD2** includes:

- **INFLOAD** – the variable which stores the cycle # (age in months) of the last **FORM 16E** (or 16 if no 16Es completed) on the database
- **INF2** – the variable name for whether the patient “graduated” to the pediatric protocol. A value of “1” for this variable indicates that at least 1 Form 25 (used for intake at age 2 and all annual visits after 03/84) is in the SAS dataset **R25.SD2**.

CODEBOOK FOR CSSCD FORM 16E  
EXTENSION INFANT INTERIM CLINIC VISIT FORM  
CSSCD FULL COHORT PATIENTS

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CONTENTS OF SAS DATASET: R24.SD2  
DATA FROM CSSCD FORM 16E - EXTENSION INFANT INTERIM CLINIC VISIT FORM  
VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION  
IN THE SAS DATASET AND ON FORM 16E

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Data Set Name	OUT1.R24	Observations	1803
Member Type	DATA	Variables	53
Engine	V9	Indexes	0
Created	16:05 Thursday, September 28, 2006	Observation Length	424
Last Modified	16:05 Thursday, September 28, 2006	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	48
First Data Page	1
Max Obs per Page	38
Obs in First Data Page	21
Number of Data Set Repairs	0
File Name	r24.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 #
49	F24ALKPH	Num	8	ALKALINE PHOSPHATASE (UNITS)
47	F24BLRBN	Num	8	TOTAL BILIRUBIN (MG DL)
41	F24CBCHB	Num	8	CBC HB (G DL)
42	F24CBCHC	Num	8	CBC HCT (%)
45	F24CBCMV	Num	8	CBC MCV (FL)
43	F24BCRB	Num	8	CBC RBC (X 10(12) L)
44	F24CBCWB	Num	8	CBC WBC (X 10(9) L)
20	F24CODA1	Num	8	MEDICATION CODE
22	F24CODA2	Num	8	MEDICATION CODE
16	F24CODAN	Num	8	MEDICATION CODE
18	F24CODIR	Num	8	MEDICATION CODE
25	F24CODOT	Num	8	MEDICATION CODE
2	F24CYCLE	Num	8	CYCLE
4	F24ERINF	Num	8	ER VISITS FOR INFECTION
6	F24EROTH	Num	8	ER VISITS FOR OTHER REASONS



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30	F24FLU	Num	8	INFLUENZA B IMMUNIZATION
31	F24FLUDT	Num	8	FLU IMMUN. DATE
32	F24FLUMR	Num	8	FLU IMMUN. CONFIRMED
8	F24HANFT	Num	8	PAIN-SWELLING IN HANDS OR FEET
35	F24HDC	Num	8	HEAD CIRCUMFERENCE (CM)
5	F24HOSIN	Num	8	HOSPITAL VISITS FOR INFECTION
7	F24HOSOT	Num	8	HOSPITAL VISITS FOR OTHER REASONS
34	F24LGTH	Num	8	LENGTH (CM)
36	F24LVRSZ	Num	8	LIVER SIZE BELOW RCM (CM)
19	F24MEDA1	Num	8	ANTIBIOTICS FOR INFECTION
21	F24MEDA2	Num	8	ANTIBIOTICS FOR PROPHYLAXIS

**CODEBOOK FOR CSSCD FORM 16E**  
**EXTENSION INFANT INTERIM CLINIC VISIT FORM**  
 CSSCD FULL COHORT PATIENTS

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The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
15	F24MEDAN	Num	8	ANALGESIC MEDICINE TAKEN
23	F24MEDFO	Num	8	FOLIC ACID MEDICINE TAKEN
17	F24MEDIR	Num	8	IRON MEDICINE TAKEN
24	F24MEDOT	Num	8	OTHER MEDICINE TAKEN
39	F24PEABN	Num	8	PHYSICAL EXAM ABNORMALITIES
40	F24PEB	Num	8	PHYSICAL EXAM BY
13	F24PHALL	Num	8	OTHER PROBLEMS WITH PENIS
27	F24PNE	Num	8	PNEUMOCOCCAL IMMUNIZATION
28	F24PNEDT	Num	8	PNEU IMMUN DATE
29	F24PNEMR	Num	8	PNEU. IMMUN. CONFIRMED
26	F24PPEN	Num	8	PROPHYLACTIC PENICILLIN STUDY
50	F24PRBC	Num	8	POCKED RED BLOOD CELLS
9	F24PRIA	Num	8	PRIAPISM
10	F24PRIA1	Num	8	ACUTE REVERSIBLE PRIAPISM
11	F24PRIA2	Num	8	PROLONGED REVERSIBLE PRIAPISM
12	F24PRIAC	Num	8	CHRONIC PRIAPISM
3	F24RESP	Num	8	RESPONDENT
46	F24RETIC	Num	8	RETICULOCTYES (%)
48	F24SGOT	Num	8	SGOT (UNITS DL)
37	F24SPLP	Num	8	PALPABLE SPLEEN
38	F24SPLTP	Num	8	SPLEEN - CM TIP PALPATED
14	F24TRANS	Num	8	ANY TRANFUSIONS
33	F24WGT	Num	8	WEIGHT (KG)
53	J24CBCDT	Num	8	DATE OF LABORATORY TESTS - DAYS SINCE DOE
52	J24PRIDT	Num	8	DATE PARIAPISM FORM - DAYS SINCE DOE
51	JF24DATE	Num	8	DATE OF VISIT - DAYS SINCE DOE

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\*\*\*\*\*  
\*\*\*\*\*  
\* R24.FMT contains value labels for numerical codes assigned to  
categorical \*  
\* variables in the SAS dataset R24.SD2  
\*  
\*\*\*\*\*  
\*\*\*\*\*;

\* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 04/18/99 13:50:59;

PROC FORMAT;

VALUE F24CYCLE  
4 = '4 MONTH VISIT'  
6 = '6 MONTH VISIT'  
9 = '9 MONTH VISIT'  
12 = '1 YEAR VISIT'  
15 = '15 MONTH VISIT'  
18 = '18 MONTH VISIT'  
21 = '21 MONTH VISIT'  
24 = '2 YEAR VISIT';

VALUE F24ESTAT  
0 = 'NO ERRS OR BKPTS'  
1 = 'NO ERRS, SOME BKPTS'  
2 = 'SOME ERRS, NO BKPTS'  
3 = 'BOTH ERRS AND BKPTS'  
8 = 'UPDATED AFT EDITING';

VALUE F24RESP  
1 = 'PARENT'  
2 = 'HOUSEHOLD MEMBER'  
3 = 'NON-HOUSEHOLD';

\* FORMAT NO\_YES is used for the following variables: F24HANFT F24PRIA  
F24PRIAC  
F24PHALL F24TRANS F24MEDAN F24MEDIR F24MEDA1 F24MEDA2 F24MEDFO  
F24MEDOT F24PPEN  
F24PNE F24FLU F24SPLP;

VALUE NO\_YES  
1 = 'NO'  
2 = 'YES';

\* FORMAT DURATION is used for the following variables: F24PRIA1  
F24PRIA2;

**CODEBOOK FOR CSSCD FORM 16E**  
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VALUE DURATION

1	= '0'
2	= '1-5'
3	= '6-10'
4	= '11-20'
5	= '21-50'
6	= '>50';

\* FORMAT NOYESNA is used for the following variables: F24PNEMR  
F24FLUMR;

VALUE NOYESNA

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

VALUE F24PEABN

32768	= 'NORMAL(32768)'
1	= 'GEN. APPEARANCE(1)'
2	= 'HEART(2)'
4	= 'LUNGS(4)'
8	= 'EAR,NOSE,THROAT(8)'
24	= 'HEAD & NECK(24)'
32	= 'EYES(32)'
64	= 'ABDOMEN(64)'
128	= 'EXT. GENITALIA(128)'
256	= 'ANUS(256)'
512	= 'EXT., CLAV.,HIPS(512)'
1024	= 'TRUNK & SPINE(1024)'
2048	= 'SKIN(2048)'
4096	= 'NEURO. EXAM(4096)'
8192	= 'MUSCLE TONE(8192)'
16384	= 'REFLEXES(16384)';

\*   FORMAT       F24CYCLE F24CYCLE.  
                  F24VDATE MMDDYY8.  
                  F24RESP F24RESP.  
                  F24HANFT NO\_YES.  
                  F24PRIA F24PRIAC F24PHALL F24TRANS F24MEDAN F24MEDIR  
F24MEDA1 F24MEDA2  
                  F24MEDFO F24MEDOT F24PPEN F24PNE F24FLU F24SPLP NO\_YES.  
                  F24PRIA1 F24PRIA2 DURATION.  
                  F24PNEMR F24FLUMR NOYESNA.  
                  F24PEABN F24PEABN.;

run;  
quit;

**CODEBOOK FOR CSSCD FORM 16E**  
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F24CYCLE ----- CYCLE

type: numeric (float)  
 label: F24CYCLE

range: [0,24] units: 1  
 unique values: 25 coded missing: 0 / 1803

tabulation:	Freq.	Numeric	Label
	4	0	
	18	1	
	86	2	
	50	3	
	129	4	4 MONTH VISIT
	91	5	
	164	6	6 MONTH VISIT
	73	7	
	41	8	
	123	9	9 MONTH VISIT
	54	10	
	53	11	
	163	12	1 YEAR VISIT
	64	13	
	37	14	
	117	15	15 MONTH VISIT
	56	16	
	59	17	
	153	18	18 MONTH VISIT
	59	19	
	56	20	
	101	21	21 MONTH VISIT
	38	22	
	10	23	
	4	24	2 YEAR VISIT

F24CYCLE:

1. See section on computed variables.

F24VDATE ----- VERSION DATE **DELETED**

type: numeric (int)  
 label: datelab

range: [8785,8835] units: 1  
 unique values: 2 coded missing: 0 / 1803

tabulation:	Freq.	Numeric	Label
	469	8785	01/20/84
	1334	8835	03/10/84

F24VDATE:

1. FORM 16E with version date 7/1/86 was also used. However, the version date entered on the database for forms with this version date was

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3/10/84.

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F24RESP ----- RESPONDENT

type: numeric (float)  
 label: F24RESP  
  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 10 / 1803

tabulation:	Freq.	Numeric	Label
	1764	1	PARENT
	17	2	HOUSEHOLD MEMBER
	12	3	NON-HOUSEHOLD

F24ERINF ----- ER VISITS FOR INFECTION

type: numeric (float)  
  
 range: [0,6] units: 1  
 unique values: 7 coded missing: 26 / 1803

tabulation:	Freq.	Value
	1336	0
	335	1
	67	2
	24	3
	9	4
	3	5
	3	6

F24ERINF:

1. Values include # of visits for illness at both study and non-study institutions.

F24HOSIN ----- HOSPITAL VISITS FOR INFECTION

type: numeric (float)  
  
 range: [0,6] units: 1  
 unique values: 7 coded missing: 28 / 1803

tabulation:	Freq.	Value
	1409	0
	276	1
	62	2
	15	3
	10	4
	1	5
	2	6

F24HOSIN:

1. Values include # of visits for illness at both study and non-study institutions.

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F24EROTH ----- ER VISITS FOR OTHER REASONS

type: numeric (float)

range: [0,10] units: 1

unique values: 7 coded missing: 24 / 1803

tabulation: Freq. Value

1596	0
149	1
24	2
6	3
1	4
2	6
1	10

F24EROTH:

1. Values include # of visits for illness at both study and non-study institutions.

F24HOSOT ----- HOSPITAL VISITS FOR OTHER REASONS

type: numeric (float)

range: [0,11] units: 1

unique values: 7 coded missing: 27 / 1803

tabulation: Freq. Value

1644	0
106	1
17	2
5	3
2	4
1	6
1	11

F24HOSOT:

1. Values include # of visits for illness at both study and non-study institutions.

F24HANFT ----- PAIN-SWELLING IN HANDS OR FEET

type: numeric (float)

label: F24HANFT

range: [1,2] units: 1

unique values: 2 coded missing: 33 / 1803

tabulation: Freq. Numeric Label

1644	1	NO
126	2	YES

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F24PRIA ----- PRIAPISM

type: numeric (float)  
label: F24PRIA  
range: [1,2] units: 1  
unique values: 2 coded missing: 886 / 1803

tabulation:	Freq.	Numeric	Label
	914	1	NO
	3	2	YES

F24PRIA:

1. Pertains only to male patients.

F24PRIA1 ----- ACUTE REVERSIBLE PRIAPISM

type: numeric (float)  
label: F24PRIA1  
range: [1,1] units: 1  
unique values: 1 coded missing: 1801 / 1803

tabulation:	Freq.	Numeric	Label
	2	1	0

F24PRIA1:

1. Response required only by male patients and if F24PRIA=2.

F24PRIA2 ----- PROLONGED REVERSIBLE PRIAPISM

type: numeric (float)  
label: F24PRIA2  
range: [1,2] units: 1  
unique values: 2 coded missing: 1801 / 1803

tabulation:	Freq.	Numeric	Label
	1	1	0
	1	2	1-5

F24PRIA2:

1. Response required only by male patients and if F24PRIA=2.

F24PRIAC ----- CHRONIC PRIAPISM

type: numeric (float)  
label: F24PRIAC  
range: [1,1] units: 1  
unique values: 1 coded missing: 1690 / 1803

tabulation:	Freq.	Numeric	Label
	113	1	NO

F24PRIAC:

1. Response required only by male patients and if F24PRIA=2.

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F24PHALL ----- OTHER PROBLEMS WITH PENIS

type: numeric (float)  
 label: F24PHALL

range: [1,2] units: 1

unique values: 2 coded missing: 1672 / 1803

tabulation:	Freq.	Numeric	Label
	129	1	NO
	2	2	YES

F24PHALL:

1. Response required only by male patients and if F24PRIA=2.

F24TRANS ----- ANY TRANFUSIONS

type: numeric (float)  
 label: F24TRANS

range: [1,2] units: 1

unique values: 2 coded missing: 33 / 1803

tabulation:	Freq.	Numeric	Label
	1693	1	NO
	77	2	YES

F24MEDAN ----- ANALGESIC MEDICINE TAKEN

type: numeric (float)  
 label: F24MEDAN

range: [1,2] units: 1

unique values: 2 coded missing: 9 / 1803

tabulation:	Freq.	Numeric	Label
	1780	1	NO
	14	2	YES

F24CODAN ----- MEDICATION CODE

type: numeric (float)

range: [171,999] units: 1

unique values: 4 coded missing: 1791 / 1803

tabulation:	Freq.	Value
	1	171
	7	480
	3	481
	1	999

F24CODAN:

1. Response required only if F24MEDAN=2.
2. See Appendix D for coded drug list.

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F24MEDIR ----- IRON MEDICINE TAKEN

type: numeric (float)  
label: F24MEDIR

range: [1,2] units: 1  
unique values: 2 coded missing: 8 / 1803

tabulation:	Freq.	Numeric	Label
	1767	1	NO
	28	2	YES

F24CODIR ----- MEDICATION CODE

type: numeric (float)

range: [99,999] units: 1  
unique values: 10 coded missing: 1774 / 1803

tabulation:	Freq.	Value
	2	99
	2	237
	2	239
	1	371
	2	504
	6	514
	2	515
	1	541
	1	566
	10	999

F24CODIR:

1. Response required only if F24MEDIR=2.
2. See Appendix D for coded drug list.

F24MEDA1 ----- ANTIBIOTICS FOR INFECTION

type: numeric (float)  
label: F24MEDA1

range: [1,2] units: 1  
unique values: 2 coded missing: 19 / 1803

tabulation:	Freq.	Numeric	Label
	1712	1	NO
	72	2	YES

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F24CODA1 ----- MEDICATION CODE

          type: numeric (float)  
          range: [2,999]                                  units: 1  
unique values: 18                                  coded missing: 1731 / 1803

tabulation:	Freq.	Value
	1	2
	1	5
	23	25
	8	28
	1	56
	1	98
	2	99
	1	254
	1	280
	1	287
	1	355
	1	367
	1	369
	6	371
	1	429
	9	554
	1	562
	12	999

F24CODA1:

1. Response required only if F24MEDA1=2.
2. See Appendix D for coded drug list.

F24MEDA2 ----- ANTIBIOTICS FOR PROPHYLAXIS

          type: numeric (float)  
          label: F24MEDA2  
          range: [1,2]                                  units: 1  
unique values: 2                                  coded missing: 16 / 1803

tabulation:	Freq.	Numeric	Label
	1251	1	NO
	536	2	YES

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F24CODA2 ----- MEDICATION CODE

type: numeric (float)  
range: [25,999] units: 1  
unique values: 28 coded missing: 1278 / 1803

tabulation: Freq. Value

14	25
2	28
1	37
1	50
1	56
1	57
23	67
10	99
2	171
1	230
2	231
2	321
1	364
27	367
36	369
1	370
346	371
1	381
1	391
1	471
5	530
1	562
1	572
13	576
6	599
1	627
1	998
23	999

F24CODA2:

1. Response required only if F24MEDA2=2.
2. See Appendix D for coded drug list.

F24MEDFO ----- FOLIC ACID MEDICINE TAKEN

type: numeric (float)  
label: F24MEDFO  
range: [1,2] units: 1  
unique values: 2 coded missing: 12 / 1803

tabulation: Freq. Numeric Label

1279	1	NO
512	2	YES

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CSSCD FULL COHORT PATIENTS

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F24MEDOT ----- OTHER MEDICINE TAKEN

type: numeric (float)  
label: F24MEDOT

range: [1,2] units: 1  
unique values: 2 coded missing: 15 / 1803

tabulation: Freq. Numeric Label  
1568 1 NO  
220 2 YES

F24CODOT ----- MEDICATION CODE

type: numeric (float)

range: [6,999] units: 1  
unique values: 30 coded missing: 1584 / 1803

tabulation:

Freq.	Value	Freq.	Value
1	6	4	420
1	20	2	463
2	25	3	480
1	148	1	512
1	171	8	513
3	190	66	514
1	196	79	515
1	245	1	516
11	249	1	519
1	287	1	548
1	349	1	572
2	371	1	575
2	372	2	599
2	375	2	998
2	417	15	999

F24CODOT:

1. Response required only if F24MEDOT=2.
2. See Appendix D for coded drug list.

F24PPEN ----- PROPHYLACTIC PENICILLIN STUDY

type: numeric (float)  
label: F24PPEN

range: [1,2] units: 1  
unique values: 2 coded missing: 12 / 1803

tabulation: Freq. Numeric Label  
1548 1 NO  
243 2 YES

**CODEBOOK FOR CSSCD FORM 16E**  
**EXTENSION INFANT INTERIM CLINIC VISIT FORM - PAGE 4**  
 CSSCD FULL COHORT PATIENTS

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F24PNE ----- PNEUMOCOCCAL IMMUNIZATION

type: numeric (float)  
 label: F24PNE

range: [1,2] units: 1  
 unique values: 2 coded missing: 25 / 1803

tabulation:	Freq.	Numeric	Label
	1696	1	NO
	82	2	YES

F24PNEMR ----- PNEU. IMMUN. CONFIRMED

type: numeric (float)  
 label: F24PNEMR

range: [1,3] units: 1  
 unique values: 3 coded missing: 94 / 1803

tabulation:	Freq.	Numeric	Label
	139	1	NO
	1547	2	YES
	23	3	NA

F24FLU ----- INFLUENZA B IMMUNIZATION

type: numeric (float)  
 label: F24FLU

range: [1,2] units: 1  
 unique values: 2 coded missing: 22 / 1803

tabulation:	Freq.	Numeric	Label
	1667	1	NO
	114	2	YES

F24FLUMR ----- FLU IMMUN. CONFIRMED

type: numeric (float)  
 label: F24FLUMR

range: [1,3] units: 1  
 unique values: 3 coded missing: 111 / 1803

tabulation:	Freq.	Numeric	Label
	156	1	NO
	1514	2	YES
	22	3	NA



**CODEBOOK FOR CSSCD FORM 16E**  
**EXTENSION INFANT INTERIM CLINIC VISIT FORM - PAGE 5**  
CSSCD FULL COHORT PATIENTS

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F24WGT ----- WEIGHT (KG)

type: numeric (float)

range: [2.94,16.6]                      units: .01  
unique values: 517                      coded missing: 39 / 1803

mean: 9.26876  
std. dev: 2.32441

percentiles:	10%	25%	50%	75%	90%
	6.1	7.6	9.415	10.9	12.1

F24WGT:

1. See Appendix I for normal measurement ranges for ages 2-24 months.

F24LGTH ----- LENGTH (CM)

type: numeric (float)

range: [48.3,99.7]                      units: .1  
unique values: 270                      coded missing: 69 / 1803

mean: 73.4987  
std. dev: 8.94423

percentiles:	10%	25%	50%	75%	90%
	61	67	74.5	80.9	84

F24LGTH:

1. See Appendix I for normal measurement ranges for ages 2-24 months.

F24HDC ----- HEAD CIRCUMFERENCE (CM)

type: numeric (float)

range: [34,54]                              units: .1  
unique values: 117                      coded missing: 213 / 1803

mean: 45.4231  
std. dev: 3.31167

percentiles:	10%	25%	50%	75%	90%
	41	43	46	48	49

F24HDC:

1. See Appendix I for normal measurement ranges for ages 2-24 months.

CODEBOOK FOR CSSCD FORM 16E  
EXTENSION INFANT INTERIM CLINIC VISIT FORM - PAGE 5  
CSSCD FULL COHORT PATIENTS

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F24LVRSZ ----- LIVER SIZE BELOW RCM (CM)

type: numeric (float)

range: [0,11] units: 1

unique values: 11 coded missing: 157 / 1803

mean: .501823

std. dev: 1.08807

percentiles:       10%       25%       50%       75%       90%

                  0           0           0           1           2

F24SPLP ----- PALPABLE SPLEEN

type: numeric (float)

label: F24SPLP

range: [1,2] units: 1

unique values: 2 coded missing: 13 / 1803

tabulation: Freq.   Numeric   Label

              1466       1   NO

              324       2   YES

F24SPLTP ----- SPLEEN - CM TIP PALPATED

type: numeric (float)

range: [0,13] units: 1

unique values: 12 coded missing: 1457 / 1803

mean: 2.15029

std. dev: 1.74138

percentiles:       10%       25%       50%       75%       90%

                  1           1           2           3           4

F24SPLTP:

1. Response required only if F24SPLP=2.

CODEBOOK FOR CSSCD FORM 16E  
EXTENSION INFANT INTERIM CLINIC VISIT FORM - PAGE 5  
CSSCD FULL COHORT PATIENTS

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F24PEABN ----- PHYSICAL EXAM ABNORMALITIES

type: numeric (float)  
label: F24PEABN

range: [1,32768] units: 1  
unique values: 77 coded missing: 6 / 1803

tabulation:

Freq.	Numeric	Label			
			1	576	
10	1	GEN. APPEARANCE(1)	1	577	
112	2	HEART(2)	1	640	
3	3		2	1024	TRUNK & SPINE(1024)
11	4	LUNGS(4)	44	2048	SKIN(2048)
1	5		1	2049	
1	6		9	2050	
117	8	EAR,NOSE,THROAT(8)	3	2052	
1	9		7	2056	
17	10		1	2058	
3	12		2	2064	
1	13		3	2080	
2	14		1	2084	
8	16		4	2112	
1	18		1	2114	
2	19		3	2120	
2	24	HEAD & NECK(24)	2	2176	
10	32	EYES(32)	2	2184	
1	34		2	2560	
1	40		1	2561	
1	48		1	3584	
1	56		4	4096	NEURO. EXAM(4096)
90	64	ABDOMEN(64)	1	4232	
1	65		1	6152	
34	66		0	8192	MUSCLE TONE(8192)
3	68		2	12288	
9	72		1	12353	
4	74		0	16384	REFLEXES(16384)
1	76		1	16522	
1	80		1	18944	
2	96		1	20497	
1	98		1	20505	
23	128	EXT. GENITALIA(128)	2	24576	
1	129		1	28704	
2	132		1	32767	
3	136		1173	32768	NORMAL(32768)
1	144				
1	256	ANUS(256)			
1	258				
27	512	EXT., CLAV.,HIPS(512)			

  

Freq.	Numeric	Label
1	514	
1	515	
1	545	
1	546	

### 4.3: Intake Physical Exam – Form 11

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F24PEABN:

1. Binary coded variable. See Part II for explanation of binary coded variables.

### 4.3: Intake Physical Exam – Form 11

F24CBCHB ----- CBC HB (G|DL)

type: numeric (float)

range: [5.5,15.8] units: .1  
unique values: 87 coded missing: 126 / 1803

mean: 9.55462  
std. dev: 1.44316

percentiles: 10% 25% 50% 75% 90%  
7.6 8.6 9.6 10.5 11.3

F24CBCHB:

1. Required only if patient was not transfused within 4-6 months prior to visit.

F24CBCHC ----- CBC HCT (%)

type: numeric (float)

range: [16.1,48.8] units: .1  
unique values: 228 coded missing: 120 / 1803

mean: 29.0213  
std. dev: 4.5724

percentiles: 10% 25% 50% 75% 90%  
23 25.9 29.1 32.3 34.8

F24CBCHC:

1. Required only if patient was not transfused within 4-6 months prior to visit.

F24BCRB ----- CBC RBC (X 10(12)|L)

type: numeric (float)

range: [1.7,6.13] units: .01  
unique values: 334 coded missing: 159 / 1803

mean: 3.68109  
std. dev: .755207

percentiles: 10% 25% 50% 75% 90%  
2.7 3.11 3.67 4.23 4.7

F24BCRB:

1. Required only if patient was not transfused within 4-6 months prior to visit.

### 4.3: Intake Physical Exam – Form 11

F24CBCWB ----- CBC WBC (X 10<sup>9</sup>)|L)

type: numeric (float)  
range: [2.8,36.4] units: .1  
unique values: 215 coded missing: 154 / 1803  
mean: 11.7992  
std. dev: 4.62342  
percentiles: 10% 25% 50% 75% 90%  
7 8.5 10.6 14.1 18.6

F24CBCWB:

1. Required only if patient was not transfused within 4-6 months prior to visit.
2. Required only if age  $\geq$  4 months.
3. Should be uncorrected for nucleated RBCs.

F24CBCMV ----- CBC MCV (FL)

type: numeric (float)  
range: [57,116] units: 1  
unique values: 52 coded missing: 183 / 1803  
mean: 80.1605  
std. dev: 8.14038  
percentiles: 10% 25% 50% 75% 90%  
70 74 80 85 91

F24CBCMV:

1. Required only if patient was not transfused within 4-6 months prior to visit.

F24RETIC ----- RETICULOCTYES (%)

type: numeric (float)  
range: [.1,50] units: .1  
unique values: 239 coded missing: 226 / 1803  
mean: 6.57356  
std. dev: 6.28429  
percentiles: 10% 25% 50% 75% 90%  
1.3 2.3 4.3 8.6 14.7

F24RETIC:

1. Required only if patient was not transfused within 4-6 months prior to visit.

### 4.3: Intake Physical Exam – Form 11

F24BLRBN ----- TOTAL BILIRUBIN (MG|DL)

type: numeric (float)

range: [.1,11.7] units: .1  
unique values: 39 coded missing: 1519 / 1803

mean: 1.30352  
std. dev: 1.11234

percentiles:	10%	25%	50%	75%	90%
	.4	.6	1.1	1.55	2.4

F24BLRBN:

1. Performed only if age=1 year.

F24SGOT ----- SGOT (UNITS|DL)

type: numeric (float)

range: [1,270] units: 1  
unique values: 81 coded missing: 1518 / 1803

mean: 53.3789  
std. dev: 26.7342

percentiles:	10%	25%	50%	75%	90%
	31	39	48	62	80

F24SGOT:

1. Required only if age=1 year. For Clinics C & D, units of measurement used for recording results were not the same as those requested on FORM 16E. See section on computed variables to review conversions of these test results.

F24ALKPH ----- ALKALINE PHOSPHATASE (UNITS)

type: numeric (float)

range: [25,970] units: 1  
unique values: 160 coded missing: 1535 / 1803

mean: 247.272  
std. dev: 119.048

percentiles:	10%	25%	50%	75%	90%
	135	178.5	224.5	281	368

F24ALKPH:

1. Required only if age=1 year. For Clinics C & D, units of measurement used for recording results were not the same as those requested on FORM 16E. See section on computed variables to review conversions of these test results.

### 4.3: Intake Physical Exam – Form 11

F24PRBC ----- POCKED RED BLOOD CELLS

type: numeric (float)  
range: [0,21.8] units: .1  
unique values: 79 coded missing: 1309 / 1803  
mean: 3.09291  
std. dev: 4.10561  
percentiles: 10% 25% 50% 75% 90%  
.4 .8 1.4 3.2 9.4

F24PRBC:

1. Required only if patient was not transfused within 4-6 months prior to visit.
2. Required only if date of visit < 11/30/85.
3. Results are also stored in RECORD 7 with the variable name F07PIT. See section on computed variables.

\_dta:

1. Created 6/17/99

A. List of variables deleted F11DATE F11ESTAT F11DFC F11LASTE F11LASTU  
F21DATE F21FCB F21ESTAT F21INIT F21LASTU F21LASTE F21NDATE  
F21VDATE

B. List of variables modified F11HGT F11WGT

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 F11DATE F21DATE

H. New name JF11DATE JF21DATE

I. Collection Information:

**Form 11 (Intake Physical Examination)** was to be filled out 1) at the time of entry for patients entered at  $\geq 2$  years of age and 2) at age 2 years for patients entered at < 2 years of age. If a patient entered at < 2 years of age turned 2 after February 1984, **Form 25** [See Section 4.6] was used as the Intake at Age 2 form. Physical examination methods are described in Chapter 10 of the **Manual of Operations (MOO)** which is appended [See Appendix E].



#### 4.3: Intake Physical Exam – Form 11

---

B. Data Collection Period: 03/79 – 03/84

C. Form Version Dates: 03/01/79, 03/29/79

D. Files Used to Store Information:

SAS System File: **R1121.SD2**

Format File: **R1121.FMT**

E. Unique Record Identifiers: **ANONID**

Records within the dataset are sorted by **ANONID**; “25” is the value of **F11CYCLE** for all records.

F. Number of Observations (Patients) in SAS Dataset: 3514 (3514)

G. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See pp. 87-90
- Listing of Variables by Position: See pp. 91-94

The following items, which were collected on **Form 11**, were not entered on the database: first blood pressure readings (i.e., only second blood pressure readings are entered on the database).

H. Notes About Selected Variables:

- **F11SPLP** – is the variable name for palpable spleen. “Splenectomized” was not a response choice; consequently, the value for splenectomized patients will be “1” (no, not palpable).
- **F11HGT, F11WGT** – are the variable names for height and weight respectively. Although much effort was put into editing these values by sex and age, there are still many bad values which should be discarded when analyzing these data.
- **F11HDC** – is the variable name for head circumference. As with height and weight, there are probably many bad values for this variable which should be discarded when analyzing the data.

### 4.3: Intake Physical Exam – Form 11

---

- **F11HRMS1- 4** – are variable names for location and radiation of systolic heart murmurs. A value of '0' (not applicable) for any of these variables means that the location of the murmur was not at the indicated site (1-4) and, therefore, a response to the radiation status at the site is not applicable. A response of '64' (no radiation) means the murmur was located at the indicated site (1-4) but there was no radiation at the site.
- **F11HRMD1- 4** – are variable names for location and radiation of diastolic heart murmurs. A value of '0' (not applicable) for any of these variables means that the location of the murmur was not at the indicated site (1-4) and, therefore, a response to the radiation status at the site is not applicable. A response of '64' (no radiation) means the murmur was located at the indicated site (1-4) but there was no radiation at the site.

#### I. Computed Variables:

- **F11EAROM** – The value for this variable was computed as follows:
  - if  $1 \leq \mathbf{F11EARTR} < 32$  or  $1 \leq \mathbf{F11EARTL} < 32$ , then the value of **F11EAROM**=1 ("otitis")
  - if the value of **F11EARTR**=32 ("other") or the value of **F11EARTL**=32 ("other"), then the value of **F11EAROM**=2 ("other").
  - If  $32 < \mathbf{F11EARTR} < 64$  or  $32 < \mathbf{F11EARTL} < 64$ , then the value of **F11EAROM**=3 ("both")
  - If the values of **F11EARTR** and **F11EARTL** both equal 64, then the value of **F11EAROM**=4 ("none").

### 4.3: Intake Physical Exam – Form 11

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#### J. Inter-Relationship With Other Datasets:

1. Routine (“steady-state”) physical exam and/or laboratory data were also collected on:

<b>Phase 1 Forms</b>	<b>SAS dataset</b>
Form 16	<u>R16.SD2</u>
Form 16E	R24.SD2
Form 12	R1222.SD2
Form 17	R1722.SD2
Form 19	R1722.SD2
Form 20	R1722.SD2
Form 21	R1722.SD2
Form 22	R1722.SD2
Form 24	<u>R1722.SD2</u>
Form 25	R25.SD2

[See Section 4.0 Overview]

### 4.3: Intake Physical Exam – Form 11

Other Forms Used For Collection of Steady-State Data (Entry Age < 2 years)

Form #	Type of Visit	SAS Dataset	Cycle #	When Completed
TIME PERIOD: 03/79 to 03/84				
16	Infant Interim	<b>R16.SD2</b>	0-24*	All visits at age <2*
12	Intake Lab at Age 2	<b>R122.SD2</b>	25	At age 2
17	First Interim	<b>R172.SD2</b>	26	At age 2-1/2
	Third Interim	<b>R172.SD2</b>	30	At age 4-1/2
19	First Annual	<b>R172.SD2</b>	27	At age 3
20	Second Annual	<b>R172.SD2</b>	29	At age 4
21	Third Annual PHYSICAL	<b>R172.SD2</b>	31	At age 5
22	Third Annual LAB	<b>R172.SD2</b>	31	At age 5
24	Fourth Annual	<b>R172.SD2</b>	33	At age 6
TIME PERIOD: 03/84 to 10/88				
16E	Infant Interim	<b>R24.SD2</b>	0-24*	All visits at age <2*
25	All annual visits	<b>R25.SD2</b>	25	At age 2
			27	At age 3
			29	At age 4
			31	At age 5
			33	At age 6
			35	At age 7
			37	At age 8
			39	At age 9
			41	At age 10
		43	N.A.	

\*cycle # corresponds to infant's age in months

### 4.3: Intake Physical Exam – Form 11

Other Forms Used For Collection of Steady-State Data (Entry Age  $\geq$  2 years)

Form #	Type of Visit	SAS Dataset	Cycle #	When Completed
TIME PERIOD: 03/79 to 03/84				
12	Intake Lab at Age 2	<b>R1222.SD2</b>	25	At entry
17	First Interim	<b>R1722.SD2</b>	26	6 mos aft. entry date
	Third Interim	<b>R1722.SD2</b>	30	2-1/2 yrs aft. entry date
19	First Annual	<b>R1722.SD2</b>	27	1 yr aft. entry date
20	Second Annual	<b>R1722.SD2</b>	29	2 yrs aft entry date
21	Third Annual PHYSICAL	<b>R1722.SD2</b>	31	3 yrs aft. entry date
22	Third Annual LAB	<b>R1722.SD2</b>	31	3 yrs aft. entry date
24	Fourth Annual	<b>R1722.SD2</b>	33	4 yrs aft. entry date
TIME PERIOD: 03/84 to 10/88				
25	All annual visits	<b>R25.SD2</b>	31	3 yrs aft. entry date
			33	4 yrs aft. entry date
			35	5 yrs aft. entry date
			37	6 yrs aft. entry date
			39	7 yrs aft. entry date
			41	8 yrs aft. entry date
			43	9 yrs aft. entry date

Note: only 1 visit after May 1986 was required for patients entered at  $\geq$  6 months of age

2. All routine follow-up status summary variables are stored in **R09.SD2** [See Section 1]:  
**INFLOAD, INF2, INT1, ANN1, ANN2, INT3, ANN3, ANN4, ANN5, ANN6, ANN7, ANN8, ANN9**

**CODEBOOK FOR CSSCD FORM 11**  
**INTAKE PHYSICAL EXAMINATION FORM**  
 CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R1121.SD2  
 DATA FROM CSSCD FORM 11 - INTAKE PHYSICAL EXAM FORM  
 VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION  
 IN THE SAS DATASET AND ON FORM 11

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Data Set Name	OUT1.R1121	Observations	3514
Member Type	DATA	Variables	115
Engine	V9	Indexes	0
Created	14:07 Wednesday, September 20, 2006	Observation Length	920
Last Modified	14:07 Wednesday, September 20, 2006	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	208		
First Data Page	1		
Max Obs per Page	17	Obs in First Data Page	2
Number of Data Set Repairs	0		
File Name	r1121.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 #
82	F11ABASC	Num	8	ASCITES CIRC. AT UMBILICUS (CM)
79	F11ABSC1	Num	8	SITE OF ABDOMINAL SCAR
80	F11ABSC2	Num	8	SITE OF ABDOMINAL SCAR
81	F11ABSC3	Num	8	SITE OF ABDOMINAL SCAR
83	F11ABTN1	Num	8	SITE OF ABDOMINAL TENDERNESS
84	F11ABTN2	Num	8	SITE OF ABDOMINAL TENDERNESS
85	F11ABTN3	Num	8	SITE OF ABDOMINAL TENDERNESS
6	F11BPD	Num	8	DIASTOLIC BLOOD PRESSURE
5	F11BPS	Num	8	SYSTOLIC BLOOD PRESSURE
23	F11BRTF1	Num	8	BREASTS, TANNER STAGING
24	F11BRTF2	Num	8	BREAST, AFTER AGE 20
25	F11BRM	Num	8	GYNECOMASTIA MALES ONLY
10	F11CHSTC	Num	8	CHEST CONTOUR
2	F11CYCLE	Num	8	CYCLE NUMBER
53	F11EARHL	Num	8	EARS - LEFT HEARING LOSS
52	F11EARHR	Num	8	EARS - RIGHT HEARING LOSS
9	F11EAROM	Num	8	EAR PROBLEMS
51	F11EARTL	Num	8	EARS - LEFT TYMPANIC MEMBRANE

**CODEBOOK FOR CSSCD FORM 11**  
**INTAKE PHYSICAL EXAMINATION FORM**  
CSSCD FULL COHORT PATIENTS

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50	F11EARTR	Num	8	EARS - RIGHT TYMPANIC MEMBRANE
90	F11EXDF1	Num	8	SITE OF DEFORMITY
91	F11EXDF2	Num	8	SITE OF DEFORMITY
92	F11EXDF3	Num	8	SITE OF DEFORMITY
93	F11EXDF4	Num	8	SITE OF DEFORMITY
95	F11EXLEE	Num	8	LOWER EXTREMITY EDEMA
94	F11EXLU	Num	8	NUMBER ACTIVE LEG ULCERS
87	F11EXOT1	Num	8	SITE OF OSSEOUS TENDERNESS

**CODEBOOK FOR CSSCD FORM 11**  
**INTAKE PHYSICAL EXAMINATION FORM**  
 CSSCD FULL COHORT PATIENTS

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The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
88	F11EXOT2	Num	8	SITE OF OSSEOUS TENDERNESS
89	F11EXOT3	Num	8	SITE OF OSSEOUS TENDERNESS
49	F11EYESI	Num	8	EYES - SCLERAL ICTERUS
40	F11GNFPH	Num	8	TANNER STAGING OF PUBIC HAIR
86	F11GNFVC	Num	8	PELVIC EXAMINATION (F.)
38	F11GNMOT	Num	8	PHALLUS - OTHER
39	F11GNMPH	Num	8	TANNER STAGING OF PUBIC HAIR
36	F11GNMPI	Num	8	PHALLUS INDURATION
35	F11GNMTL	Num	8	SIZE LEFT TESTS
34	F11GNMTR	Num	8	SIZE RIGHT TESTE
37	F11GNMTS	Num	8	TANNER STAGING OF PHALLUS
45	F11HABIT	Num	8	HABITUS
44	F11HDC	Num	8	HEAD CIRCUMFERENCE (CM)
3	F11HGT	Num	8	HEIGHT (CM)
67	F11HRDIA	Num	8	HEART MURMUR DIASTOLIC GRADE
64	F11HRGS3	Num	8	HEART - S3 GALLOP
65	F11HRGS4	Num	8	HEART - S4 GALLOP
58	F11HRHEV	Num	8	HEART - HEAVE
72	F11HRMD1	Num	8	DIASTOLIC RADIATION - RIGHT BASE
73	F11HRMD2	Num	8	DIASTOLIC RADIATION - LEFT BASE
74	F11HRMD3	Num	8	DIASTOLIC RADIATION-LEFT STERNAL BORDER
75	F11HRMD4	Num	8	DIASTOLIC RADIATION - APICAL
26	F11HRMRM	Num	8	HEART MURMUR
68	F11HRMS1	Num	8	SYSTOLIC RADIATION - RIGHT BASE
69	F11HRMS2	Num	8	SYSTOLIC RADIATION - LEFT BASE
70	F11HRMS3	Num	8	SYSTOLIC RADIATION-LEFT STERNAL BORDER
71	F11HRMS4	Num	8	SYSTOLIC RADIATION - APICAL
27	F11HRMTP	Num	8	HEART MURMUR TYPE
78	F11HRPSL	Num	8	LEFT PULSES
77	F11HRPSR	Num	8	RIGHT PULSES
60	F11HRRTM	Num	8	HEART RHYTHM
76	F11HRRUB	Num	8	HEART - RUB
61	F11HRS1	Num	8	HEART S1
57	F11HRSIZ	Num	8	HEART SIZE
62	F11HRSS2	Num	8	HEART - SPLIT S2
66	F11HRSSYS	Num	8	HEART MURMUR SYSTOLIC GRADE
59	F11HRTRL	Num	8	HEART - THRILL
63	F11HRXP2	Num	8	HEART - EXAGGERATED P2
100	F11JNEF1	Num	8	JOINT EFFUSION SITE
101	F11JNEF2	Num	8	SITE JOINT EFFUSION
102	F11JNEF3	Num	8	SITE JOINT EFFUSION
106	F11JNFD1	Num	8	SITE JOINT FIXED DEFORMITY
107	F11JNFD2	Num	8	SITE JOINT FIXED DEFORMITY
108	F11JNFD3	Num	8	SITE JOINT FIXED DEFORMITY
103	F11JNLM1	Num	8	JOINT LIMITED MOTION SITE
104	F11JNLM2	Num	8	SITE JOINT LIMITED MOTION
105	F11JNLM3	Num	8	SITE JOINT LIMITED MOTION



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96	F11JNSI1	Num	8	JOINT INFLAMMATION SITE
97	F11JNSI2	Num	8	SITE JOINT INFLAMMATION
98	F11JNSI3	Num	8	SITE JOINT INFLAMMATION
99	F11JNSI4	Num	8	SITE JOINT INFLAMMATION
17	F11LNPDI	Num	8	PERCUSSION DULLNESS SITE

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The SAS System

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The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
18	F11LNPD2	Num	8	PERCUSSION DULLNESS SITE
19	F11LNPD3	Num	8	PERCUSSION DULLNESS SITE
11	F11LNRL1	Num	8	RALES SITE
12	F11LNRL2	Num	8	RALES SITE
13	F11LNRL3	Num	8	RALES SITE
14	F11LNRN1	Num	8	RHONCHI SITE
15	F11LNRN2	Num	8	RHONCHI SITE
16	F11LNRN3	Num	8	RHONCHI SITE
20	F11LNWZ1	Num	8	WHEEZING SITE
21	F11LNWZ2	Num	8	WHEEZING SITE
22	F11LNWZ3	Num	8	WHEEZING SITE
28	F11LVRSZ	Num	8	LIVER SIZE (CM)
29	F11LVRTN	Num	8	LIVER TENDERNESS
109	F11LYSE1	Num	8	LYMPHATIC ENLARGEMENT SITE
110	F11LYSE2	Num	8	LYMPHATIC ENLARGEMENT SITE
111	F11LYSE3	Num	8	LYMPHATIC ENLARGEMENT SITE
112	F11LYSE4	Num	8	LYMPHATIC ENLARGEMENT SITE
54	F11MOUTH	Num	8	MOUTH - GNATHOPATHY GRADE
42	F11OPF	Num	8	OTHER PHYSICAL FINDINGS
7	F11PULSE	Num	8	PULSE BEATS PER MINUTE
8	F11RSP	Num	8	RESPIRATION (BREATHS PER MINUTE)
48	F11SKEL	Num	8	SKELETAL APPEARANCE
41	F11SKFA	Num	8	FACIAL ACNE
113	F11SKOA	Num	8	SKIN ABNORMALITIES
32	F11SPLDI	Num	8	SPLEEN - CM FROM MIDLINE
30	F11SPLP	Num	8	PALPABLE SPLEEN
33	F11SPLTN	Num	8	SPLEEN TENDERNESS
31	F11SPLTP	Num	8	SPLEEN - TIP PALPATED (CM)
56	F11THYRD	Num	8	THYROID
46	F11TMP	Num	8	TEMPERATURE
47	F11TMPH	Num	8	HOW TEMPERATURE READ
55	F11TONSL	Num	8	TONSILS
4	F11WGT	Num	8	WEIGHT (KG)
43	F21CYCLE	Num	8	CYCLE NUMBER
114	JF11DATE	Num	8	DATE OF VISIT - DAYS SINCE DOE
115	JF21DATE	Num	8	DATE OF VISIT - DAYS SINCE DOE

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\*\*\*\*\*  
\*\*\*\*\*  
\* R1121.FMT contains value labels for numerical codes assigned to  
categorical \*  
\* variables in the SAS dataset R11.SD2 and R21.SD2  
\*  
\*\*\*\*\*  
\*\*\*\*\*;

\* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 04/18/99 13:58:53;

PROC FORMAT;

VALUE F11ESTAT  
0 = 'NO ERRS OR BKPTS'  
1 = 'NO ERRS, SOME BKPTS'  
2 = 'SOME ERRS, NO BKPTS'  
3 = 'BOTH ERRS AND BKPTS';

VALUE F11EAROM  
1 = 'OTITIS MEDIA'  
2 = 'OTHER PROBLEMS'  
3 = 'BOTH PROBLEMS'  
4 = 'NO PROBLEM';

\* FORMAT NORM\_ABN is used for the following variables: F11CHSTC  
F11BRTF2 F11HRRTM;

VALUE NORM\_ABN  
1 = 'NORMAL'  
2 = 'ABNORMAL';

\* FORMAT GRADE is used for the following variables: F11BRTF1 F11GNMTS  
F11GNMPH  
F11GNFPH;

VALUE GRADE  
1 = 'I'  
2 = 'II'  
3 = 'III'  
4 = 'IV'  
5 = 'V';

\* FORMAT NO\_YES is used for the following variables: F11BRTM F11SPLP  
F11GNMPI  
F11OPF F11EYESI F11HRHEV F11HRXP2 F11HRGS3 F11HRGS4 F11HRRUB;

VALUE NO\_YES  
1 = 'NO'  
2 = 'YES';

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VALUE F11HRMRM

1 = 'PRESENT'  
2 = 'ABSENT';

VALUE F11HRMTP

1 = 'SYSTOLIC'  
2 = 'DIASTOLIC'  
3 = 'BOTH'  
4 = 'NONE';

\* FORMAT ABS\_PRES is used for the following variables: F11LVRTN  
F11SPLTN F11SKFA  
F11SKOA;

VALUE ABS\_PRES

1 = 'ABSENT'  
2 = 'PRESENT';

\* FORMAT SIZE is used for the following variables: F11GNMTR F11GNMTL;

VALUE SIZE

1 = 'SMALL'  
2 = 'OTHER'  
3 = 'BOTH'  
4 = 'NORMAL';

VALUE F11GNMOT

1 = 'NOTHING ENTERED'  
2 = 'DATA PRESENT';

VALUE F11HABIT

1 = 'ECTOMORPH'  
2 = 'MESOMORPH'  
3 = 'ENDOMORPH';

VALUE F11TMPH

1 = 'ORAL'  
2 = 'RECTAL';

VALUE F11SKEL

1 = 'KYPHOSIS(1)'  
2 = 'LORDOSIS(2)'  
4 = 'SCOLIOSIS(4)'  
8 = 'FRONTAL BOSSING(8)'  
16 = 'NORMAL(16)';

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\* FORMAT TYMP\_MEM is used for the following variables: F11EARTR  
F11EARTL;

VALUE TYMP_MEM	
0	= 'INCOMPLETE RESPONSE(0)'
1	= 'ERYTHEMIC(1)'
2	= 'SCARRED(2)'
4	= 'FLUID(4)'
8	= 'PERFORATED(8)'
16	= 'ABSENCE OF LIGHT REF(16)'
32	= 'OTHER(32)'
64	= 'NORMAL(64)';

\* FORMAT H\_LOSS is used for the following variables: F11EARHR  
F11EARHL;

VALUE H_LOSS	
1	= 'AIR COND. > BONE'
2	= 'TUNING FORK LAT.'
3	= 'BOTH'
4	= 'NONE';

VALUE F11MOUTH	
0	= 'NO'
1	= 'GRADE I'
2	= 'GRADE II'
3	= 'GRADE III';

VALUE F11TONSL	
1	= 'NOT ENLARGED'
2	= 'ENLARGED'
3	= 'ABSENT';

VALUE F11THYRD	
1	= 'NOT PALPABLE'
2	= 'PALPABLE';

VALUE F11HRSIZ	
1	= 'NORMAL'
2	= 'ENLARGED';

VALUE F11HRTRL	
1	= 'NO'
2	= 'AORTIC'
3	= 'PULMONIC'
4	= 'LLSB'
5	= 'APEX';

\* FORMAT HRS1F is used for the following variable: F11HRS1;

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VALUE HRS1F  
1 = 'NORMAL'  
2 = 'INCREASED'  
3 = 'DECREASED';

\* FORMAT HRSS2F is used for the following variable: F11HRSS2;

VALUE HRSS2F  
1 = 'PHYSIOLOGIC'  
2 = 'WIDENED'  
3 = 'NARROWED'  
4 = 'PARADOXIC'  
5 = 'NONE';

\* FORMAT GRADE is used for the following variables: F11HRSYS F11HRDIA;

VALUE GRADEF  
1 = 'I'  
2 = 'II'  
3 = 'III'  
4 = 'IV'  
5 = 'V'  
6 = 'VI';

\* FORMAT HRMS is used for the following variables: F11HRMS1 F11HRMS2  
F11HRMS3  
F11HRMS4 F11HRMD1 F11HRMD2 F11HRMD3 F11HRMD4;

VALUE HRMS  
0 = 'NOT APPLICABLE(0)'  
1 = 'AXILLA(1)'  
2 = 'NECK(2)'  
4 = 'BACK(4)'  
8 = 'OTHER(8)'  
16 = 'NO RADIATION(16)';

\* FORMAT HRPS is used for the following variables: F11HRPSR F11HRPSL;

VALUE HRPS  
0 = 'INCOMPLETE RESPONSE(0)'  
1 = 'FEMORAL ABSENT(1)'  
2 = 'CAROTID ABSENT(2)'  
4 = 'DORSALIS PEDIS ABSENT(4)'  
8 = 'ALL PRESENT(8)';

VALUE F11ABASC  
-1 = 'ABSENT(-1)';

VALUE F11GNFVC

---

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1 = 'NOT DONE'  
2 = 'NORMAL'  
3 = 'ABNORMAL';

VALUE F11EXLEE

1 = 'ABSENT'  
2 = 'RIGHT'  
3 = 'LEFT'  
4 = 'BOTH';

\* FORMAT MMDDYY8.  
F11EAROM F11EAROM.  
F11CHSTC F11BRTF2 NORM\_ABN.  
F11BRTF1 F11GNMTS F11GNMPH F11GNFPH F11HRSYS F11HRDIA  
GRADE.  
F11BRTM F11SPLP F11GNMPI F11OPF F11EYESI F11HRHEV  
F11HRXP2  
F11HRGS3 F11HRGS4 F11HRRUB NO\_YES.  
F11HRMRM F11HRMRM.  
F11HRMTP F11HRMTP.  
F11LVRTN F11SPLTN F11SKFA ABS\_PRES.  
F11GNMTR F11GNMTL SIZE.  
F11GNMOT F11GNMOT.  
F11HABIT F11HABIT.  
F11TMPH F11TMPH.  
F11SKEL F11SKEL.  
F11EARTR F11EARTL TYMP\_MEM.  
F11EARHR F11EARHL H\_LOSS.  
F11MOUTH F11MOUTH.  
F11TONSL F11TONSL.  
F11THYRD F11THYRD.  
F11HRSIZ F11HRSIZ.  
F11HRTRL F11HRTRL.  
F11HRS1 HRS1F.  
F11HRSS2 HRSS2F.  
F11HRMS1 F11HRMS2 F11HRMS3 F11HRMS4 F11HRMD1 F11HRMD2  
F11HRMD3  
F11HRMD4 HRMS.  
F11HRPSR F11HRPSL HRPS.  
F11ABASC F11ABASC.  
F11GNFVC F11GNFVC.  
F11EXLEE F11EXLEE.;

RUN;  
QUIT;

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F11CYCLE ----- CYCLE NUMBER

type: numeric (float)  
 range: [25,25] units: 1  
 unique values: 1 coded missing: 0 / 3514

tabulation: Freq. Value  
 3514 25

F21CYCLE ----- CYCLE NUMBER

type: numeric (float)  
 range: [25,25] units: 1  
 unique values: 1 coded missing: 2 / 3514

tabulation: Freq. Value  
 3512 25

F21VDATE ----- VERSION DATE

type: numeric daily date (int)  
 label: datelab  
 range: [6999,7027] units: 1  
 or equivalently: [01mar1979,29mar1979] units: days  
 unique values: 2 coded missing: 2 / 3514

tabulation:	Freq.	Numeric	Label
	422	6999	03/01/79
	3090	7027	03/29/79

F11HGT ----- HEIGHT (CM) **MODIFIED**

type: numeric (float)  
 range: [65,205.7] units: .1  
 unique values: 561 coded missing: 148 / 3514

mean: 140.209  
 std. dev: 31.0364

percentiles:	10%	25%	50%	75%	90%
	89.5	115	150.65	165.1	174.3

F11WGT ----- WEIGHT (KG) **MODIFIED**

type: numeric (float)  
 range: [8.16,178] units: .01  
 unique values: 1113 coded missing: 92 / 3514

mean: 40.5611  
 std. dev: 21.7512

percentiles:	10%	25%	50%	75%	90%
	13	19.96	41.86	57.2	67.5



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F11HDC ----- HEAD CIRCUMFERENCE (CM)

type: numeric (float)

range: [43,64] units: 1  
 unique values: 21 coded missing: 2474 / 3514

mean: 51.1375  
 std. dev: 2.87322

percentiles:	10%	25%	50%	75%	90%
	48	49	51	53	55

F11HDC:  
 1. Response required only if patient < 10 years of age.

F11HABIT ----- HABITUS

type: numeric (float)  
 label: F11HABIT

range: [1,3] units: 1  
 unique values: 3 coded missing: 115 / 3514

tabulation:	Freq.	Numeric	Label
	1718	1	ECTOMORPH
	1371	2	MESOMORPH
	310	3	ENDOMORPH

F11TMP ----- TEMPERATURE

type: numeric (float)

range: [31.1,39.4] units: .1  
 unique values: 48 coded missing: 89 / 3514

mean: 37.0245  
 std. dev: .485202

percentiles:	10%	25%	50%	75%	90%
	36.6	36.8	37	37.2	37.6

F11TMPH ----- HOW TEMPERATURE READ

type: numeric (float)  
 label: F11TMPH

range: [1,2] units: 1  
 unique values: 2 coded missing: 195 / 3514

tabulation:	Freq.	Numeric	Label
	2914	1	ORAL
	405	2	RECTAL

F11TMPH:  
 1. Response required only if there was a value for F11TMP.

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F11PULSE ----- PULSE BEATS PER MINUTE

type: numeric (float)  
 range: [48,160] units: 1  
 unique values: 60 coded missing: 54 / 3514  
 mean: 87.1113  
 std. dev: 16.5937

percentiles: 10% 25% 50% 75% 90%  
 68 76 84 96 110

F11RSP ----- RESPIRATION (BREATHS PER MINUTE)

type: numeric (float)  
 range: [10,40] units: 1  
 unique values: 26 coded missing: 94 / 3514  
 mean: 19.9564  
 std. dev: 4.43953

percentiles: 10% 25% 50% 75% 90%  
 16 18 20 22 24

F11BPS ----- SYSTOLIC BLOOD PRESSURE

type: numeric (float)  
 range: [10,210] units: 1  
 unique values: 81 coded missing: 243 / 3514  
 mean: 105.595  
 std. dev: 15.2299

percentiles: 10% 25% 50% 75% 90%  
 90 96 104 114 122

F11BPS:

1. Since first blood pressure readings were collected but NOT entered on the database, values entered for blood pressure on the database were from the second blood pressure readings only.

F11BPD ----- DIASTOLIC BLOOD PRESSURE

type: numeric (float)  
 range: [20,118] units: 1  
 unique values: 56 coded missing: 253 / 3514  
 mean: 64.3168  
 std. dev: 11.9077

percentiles: 10% 25% 50% 75% 90%  
 50 58 62 70 80

F11BPD:

1. Since first blood pressure readings were collected but NOT entered on the database, values entered for blood pressure on the database were from the second blood pressure readings only.

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F11SKEL ----- SKELETAL APPEARANCE

```

      type: numeric (float)
      label: F11SKEL
      range: [1,16]
      unique values: 16
      units: 1
      coded missing: 800 / 3514
  
```

tab: Freq.	Numeric	Label	tab: Freq.	Numeric	Label
39	1	KYPHOSIS(1)	9	9	
80	2	LORDOSIS(2)	21	10	
6	3		7	11	
90	4	SCOLIOSIS(4)	10	12	
9	5		1	13	
12	6		3	14	
2	7		1	15	
250	8	FRONTAL BOSSING(8)	2174	16	NORMAL(16)

F11SKEL:

1. Binary coded variable. See Part II for explanation of binary coded variables.

F11EYESI ----- EYES - SCLERAL ICTERUS

```

      type: numeric (float)
      label: F11EYESI
      range: [1,2]
      unique values: 2
      units: 1
      coded missing: 53 / 3514
  
```

tabulation: Freq.	Numeric	Label
2233	1	NO
1228	2	YES

F11EARTR ----- EARS - RIGHT TYMPANIC MEMBRANE

```

      type: numeric (float)
      label: F11EARTR
      range: [0,64]
      unique values: 24
      units: 1
      coded missing: 27 / 3514
  
```

tab: Freq.	Numeric	Label	tab: Freq.	Numeric	Label
37	0	INCOMPLETE RESPONSE(0)			
20	1	ERYTHEMIC(1)	1	23	
29	2	SCARRED(2)	1	26	
34	4	FLUID(4)	49	32	OTHER(32)
6	5		5	33	
3	6		6	34	
0	8	PERFORATED(8)	14	36	
12	16	ABSENCE OF LIGHT REF(16)	4	48	
7	17		1	49	
10	18		2	50	
2	19		1	52	
3	20		1	63	
2	21		3237	64	NORMAL(64)

F11EARTR:

1. Binary coded variable. See Part II for explanation of binary coded variables.

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F11EARTL ----- EARS - LEFT TYMPANIC MEMBRANE

type: numeric (float)  
 label: F11EARTL

range: [0,64] units: 1  
 unique values: 26 coded missing: 50 / 3514

tabulation:	Freq.	Numeric	Label
	47	0	INCOMPLETE RESPONSE(0)
	23	1	ERYTHEMIC(1)
	29	2	SCARRED(2)
	33	4	FLUID(4)
	4	5	
	3	6	
	1	7	
	1	8	PERFORATED(8)
	17	16	ABSENCE OF LIGHT REF(16)
	5	17	
	10	18	
	2	19	
	1	20	
	2	21	
	2	22	
	3	26	
	42	32	OTHER(32)
	4	33	
	3	34	
	11	36	
	2	37	
	3	48	
	3	52	
	1	58	
	2	63	
	3210	64	NORMAL(64)

F11EARTL:

1. Binary coded variable. See Part II for explanation of binary coded variables.

F11EAROM ----- EAR PROBLEMS

type: numeric (float)  
 label: F11EAROM

range: [1,4] units: 1  
 unique values: 4 coded missing: 29 / 3514

tabulation:	Freq.	Numeric	Label
	901	1	OTITIS MEDIA
	61	2	OTHER PROBLEMS
	48	3	BOTH PROBLEMS
	2475	4	NO PROBLEM

F11EAROM:

1. Results were computed using values for variables F11EARTR and F11EARTL. See section on computed variables.

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F11EARHR ----- EARS - RIGHT HEARING LOSS

type: numeric (float)  
label: F11EARHR

range: [1,4] units: 1  
unique values: 4 coded missing: 513 / 3514

tabulation:	Freq.	Numeric	Label
	1419	1	AIR COND. > BONE
	62	2	TUNING FORK LAT.
	197	3	BOTH
	1323	4	NONE

F11EARHL ----- EARS - LEFT HEARING LOSS

type: numeric (float)  
label: F11EARHL

range: [1,4] units: 1  
unique values: 4 coded missing: 588 / 3514

tabulation:	Freq.	Numeric	Label
	1471	1	AIR COND. > BONE
	34	2	TUNING FORK LAT.
	160	3	BOTH
	1261	4	NONE

F11MOUTH ----- MOUTH - GNATHOPATHY GRADE

type: numeric (float)  
label: F11MOUTH

range: [0,3] units: 1  
unique values: 4 coded missing: 31 / 3514

tabulation:	Freq.	Numeric	Label
	302	0	NO
	2767	1	GRADE I
	338	2	GRADE II
	76	3	GRADE III

F11TONSL ----- TONSILS

type: numeric (float)  
label: F11TONSL

range: [1,3] units: 1  
unique values: 3 coded missing: 19 / 3514

tabulation:	Freq.	Numeric	Label
	2443	1	NOT ENLARGED
	911	2	ENLARGED
	141	3	ABSENT

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F11THYRD ----- THYROID

type: numeric (float)  
label: F11THYRD

range: [1,2] units: 1  
unique values: 2 coded missing: 30 / 3514

tabulation:	Freq.	Numeric	Label
	3190	1	NOT PALPABLE
	294	2	PALPABLE

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F11CHSTC ----- CHEST CONTOUR

type: numeric (float)  
 label: F11CHSTC  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 50 / 3514  
 tabulation: Freq. Numeric Label  
                   3401 1 NORMAL  
                   63 2 ABNORMAL

F11LNRL1 ----- RALES SITE

type: numeric (float)  
 range: [142,834] units: 1  
 unique values: 11 coded missing: 3160 / 3514  
 tabulation: Freq. Value  
                   2 142  
                   1 164  
                   1 166  
                   11 174  
                   3 176  
                   2 196  
                   3 597  
                   1 598  
                   2 831  
                   7 833  
                   321 834

F11LNRL1:

1. Response required only if rales were present at one or more site(s).
2. See Appendix F for body locator site code list.

F11LNRL2 ----- RALES SITE

type: numeric (float)  
 range: [132,834] units: 1  
 unique values: 12 coded missing: 3160 / 3514  
 tabulation: Freq. Value  
                   1 132  
                   1 142  
                   2 144  
                   1 166  
                   2 174  
                   2 175  
                   7 176  
                   1 198  
                   2 598  
                   1 832  
                   13 833  
                   321 834

F11LNRL2:

1. Response required only if rales were present at one or more site(s).
2. See Appendix F for body locator site code list.

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F11LNRL3 ----- RALES SITE

type: numeric (float)  
 range: [163,834] units: 1  
 unique values: 4 coded missing: 3160 / 3514

tabulation:	Freq.	Value
	1	163
	1	176
	31	833
	321	834

F11LNRL3:

1. Response required only if rales were present at one or more site(s).
2. See Appendix F for body locator site code list.

F11LNRN1 ----- RHONCHI SITE

type: numeric (float)  
 range: [100,834] units: 1  
 unique values: 13 coded missing: 3160 / 3514

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	100		5	174
	1	110		1	176
	1	112		6	597
	3	142		1	831
	1	144		12	833
	2	164		319	834
	1	166			

F11LNRN1:

1. Response required only if ronchi were present at one or more site(s).
2. See Appendix F for body locator site code list.

F11LNRN2 ----- RHONCHI SITE

type: numeric (float)  
 range: [102,834] units: 1  
 unique values: 10 coded missing: 3160 / 3514

tabulation:	Freq.	Value
	1	102
	2	142
	2	144
	1	145
	1	166
	4	176
	3	598
	1	832
	20	833
	319	834

F11LNRN2:

1. Response required only if ronchi were present at one or more site(s).
2. See Appendix F for body locator site code list.



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F11LNRN3 ----- RHONCHI SITE

type: numeric (float)  
range: [831,834] units: 1  
unique values: 3 coded missing: 3160 / 3514

tabulation:	Freq.	Value
	1	831
	34	833
	319	834

F11LNRN3:

1. Response required only if ronchi were present at one or more site(s).
2. See Appendix F for body locator site code list.

F11LNPD1 ----- PERCUSSION DULLNESS SITE

type: numeric (float)  
range: [142,834] units: 1  
unique values: 9 coded missing: 3179 / 3514

tabulation:	Freq.	Value
	2	142
	1	144
	1	166
	3	176
	1	196
	1	597
	1	831
	3	833
	322	834

F11LNPD1:

1. Reponse required only if percussion dullness was present at one or more site(s).
2. See Appendix F for body locator site code list.

F11LNPD2 ----- PERCUSSION DULLNESS SITE

type: numeric (float)  
range: [144,834] units: 1  
unique values: 5 coded missing: 3180 / 3514

tabulation:	Freq.	Value
	1	144
	1	198
	1	832
	10	833
	321	834

F11LNPD2:

1. Reponse required only if percussion dullness was present at one or more site(s).
2. See Appendix F for body locator site code list.

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F11LNPD3 ----- PERCUSSION DULLNESS SITE

type: numeric (float)  
range: [833,834] units: 1  
unique values: 2 coded missing: 3180 / 3514  
tabulation: Freq. Value  
13 833  
321 834

F11LNPD3:

1. Reponse required only if percussion dullness was present at one or more site(s).
2. See Appendix F for body locator site code list.

F11LNWZ1 ----- WHEEZING SITE

type: numeric (float)  
range: [100,834] units: 1  
unique values: 12 coded missing: 3163 / 3514  
tabulation: Freq. Value  
1 100  
1 142  
1 164  
2 166  
2 174  
2 176  
1 352  
7 597  
1 598  
1 831  
12 833  
320 834

F11LNWZ1:

1. Response required only if wheezing was present at one or more site(s).
2. See Appendix F for body locator site code list.

F11LNWZ2 ----- WHEEZING SITE

type: numeric (float)  
range: [102,834] units: 1  
unique values: 9 coded missing: 3163 / 3514  
tabulation: Freq. Value  
1 102  
1 144  
2 176  
1 597  
4 598  
1 831  
1 832  
20 833  
320 834

F11LNWZ2:

1. Response required only if wheezing was present at one or more site(s).
2. See Appendix F for body locator site code list.

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F11LNWZ3 ----- WHEEZING SITE

type: numeric (float)  
 range: [831,834] units: 1  
 unique values: 3 coded missing: 3163 / 3514  
 tabulation: Freq. Value  
                   1 831  
                   30 833  
                   320 834

F11LNWZ3:

1. Response required only if wheezing was present at one or more site(s).
2. See Appendix F for body locator site code list.

F11BRTF1 ----- BREASTS, TANNER STAGING

type: numeric (float)  
 label: F11BRTF1  
 range: [1,5] units: 1  
 unique values: 5 coded missing: 2899 / 3514  
 tabulation: Freq. Numeric Label  
                   194 1 I  
                   81 2 II  
                   87 3 III  
                   96 4 IV  
                   157 5 V

F11BRTF1:

1. See Appendix E for definition of Tanner Stage variables. Response required only from female patients between 10 and 19 years of age.

F11BRTF2 ----- BREAST, AFTER AGE 20

type: numeric (float)  
 label: F11BRTF2  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 2798 / 3514  
 tabulation: Freq. Numeric Label  
                   674 1 NORMAL  
                   42 2 ABNORMAL

F11BRTF2:

1. Response required only if patient is female and greater than or equal to 20 years of age.

F11BRM ----- GYNECOMASTIA MALES ONLY

type: numeric (float)  
 label: F11BRM  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 2099 / 3514  
 tabulation: Freq. Numeric Label  
                   1348 1 NO  
                   67 2 YES

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F11HRSIZ ----- HEART SIZE

type: numeric (float)  
 label: F11HRSIZ  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 29 / 3514  
 tabulation: Freq. Numeric Label  
                   2677 1 NORMAL  
                   808 2 ENLARGED

F11HRHEV ----- HEART - HEAVE

type: numeric (float)  
 label: F11HRHEV  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 15 / 3514  
 tabulation: Freq. Numeric Label  
                   3290 1 NO  
                   209 2 YES

F11HRTRL ----- HEART - THRILL

type: numeric (float)  
 label: F11HRTRL  
 range: [1,5] units: 1  
 unique values: 5 coded missing: 25 / 3514  
 tabulation: Freq. Numeric Label  
                   3451 1 NO  
                   9 2 AORTIC  
                   6 3 PULMONIC  
                   3 4 LLSB  
                   20 5 APEX

F11HRRTM ----- HEART RHYTHM

type: numeric (float)  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 31 / 3514  
 tabulation: Freq. Value  
                   3428 1  
                   55 2

F11HRS1 ----- HEART S1

type: numeric (float)  
 label: F11HRS1  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 26 / 3514  
 tabulation: Freq. Numeric Label  
                   3386 1 NORMAL  
                   89 2 INCREASED  
                   13 3 DECREASED

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F11HRSS2 ----- HEART - SPLIT S2

type: numeric (float)  
label: F11HRSS2

range: [1,5] units: 1  
unique values: 5 coded missing: 69 / 3514

tabulation:	Freq.	Numeric	Label
	2685	1	PHYSIOLOGIC
	50	2	WIDENED
	7	3	NARROWED
	4	4	PARADOXIC
	699	5	NONE

F11HRXP2 ----- HEART - EXAGGERATED P2

type: numeric (float)  
label: F11HRXP2

range: [1,2] units: 1  
unique values: 2 coded missing: 64 / 3514

tabulation:	Freq.	Numeric	Label
	3265	1	NO
	185	2	YES

F11HRGS3 ----- HEART - S3 GALLOP

type: numeric (float)  
label: F11HRGS3

range: [1,2] units: 1  
unique values: 2 coded missing: 44 / 3514

tabulation:	Freq.	Numeric	Label
	3414	1	NO
	56	2	YES

F11HRGS4 ----- HEART - S4 GALLOP

type: numeric (float)  
label: F11HRGS4

range: [1,2] units: 1  
unique values: 2 coded missing: 56 / 3514

tabulation:	Freq.	Numeric	Label
	3411	1	NO
	47	2	YES

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F11HRMRM ----- HEART MURMUR

type: numeric (float)  
label: F11HRMRM

range: [1,2] units: 1  
unique values: 2 coded missing: 12 / 3514

tabulation:	Freq.	Numeric	Label
	2244	1	PRESENT
	1258	2	ABSENT

F11HRMTP ----- HEART MURMUR TYPE

type: numeric (float)  
label: F11HRMTP

range: [1,4] units: 1  
unique values: 4 coded missing: 40 / 3514

tabulation:	Freq.	Numeric	Label
	2189	1	SYSTOLIC
	4	2	DIASTOLIC
	25	3	BOTH
	1256	4	NONE

F11HRSYS ----- HEART MURMUR SYSTOLIC GRADE

type: numeric (float)  
label: F11HRSYS

range: [1,6] units: 1  
unique values: 6 coded missing: 1403 / 3514

tabulation:	Freq.	Numeric	Label
	401	1	I
	1325	2	II
	326	3	III
	53	4	IV
	4	5	V
	2	6	

F11HRSYS:

1. Response required only if F11HRMTP=1 or 3.

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F11HRMS1 ----- SYSTOLIC RADIATION - RIGHT BASE

```

      type: numeric (float)
      label: F11HRMS1
      range: [0,16]
      unique values: 12
      units: 1
      coded missing: 1918 / 3514
  
```

tab: Freq.	Numeric	Label	tab: Freq.	Numeric	Label
1308	0	NOT APPLICABLE(0)			
15	1	AXILLA(1)	7	7	
21	2	NECK(2)	3	8	OTHER(8)
18	3		1	9	
0	4	BACK(4)	1	10	
2	5		2	12	
2	6		216	16	NO RADIATION(16)

F11HRMS1:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. Response required only if F11HRMTP=1 or 3.
3. 'NOT APPLICABLE' indicates that location of the heart murmur was not at any of the listed sites. 'NO RADIATION' indicates that the murmur was located at one of the listed sites, but there was no radiation at that site.

F11HRMS2 ----- SYSTOLIC RADIATION - LEFT BASE

```

      type: numeric (float)
      label: F11HRMS2
      range: [0,16]
      unique values: 15
      units: 1
      coded missing: 1857 / 3514
  
```

tabulation: Freq.	Numeric	Label
1158	0	NOT APPLICABLE(0)
46	1	AXILLA(1)
28	2	NECK(2)
21	3	
1	4	BACK(4)
3	5	
2	6	
4	7	
20	8	OTHER(8)
2	9	
1	10	
1	11	
2	12	
1	13	
367	16	NO RADIATION(16)

F11HRMS2:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. Response required only if F11HRMTP=1 or 3.
3. 'NOT APPLICABLE' indicates that location of the heart murmur was not at any of the listed sites. 'NO RADIATION' indicates that the murmur was located at one of the listed sites, but there was no radiation at that site.

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F11HRMS3 ----- SYSTOLIC RADIATION-LEFT STERNAL BORDER

type: numeric (float)  
 label: F11HRMS3

range: [0,16] units: 1  
 unique values: 14 coded missing: 1571 / 3514

tab:	Freq.	Numeric	Label	tab:	Freq.	Numeric	Label
	576	0	NOT APPLICABLE(0)		11	7	
	121	1	AXILLA(1)		36	8	OTHER(8)
	54	2	NECK(2)		5	9	
	57	3			6	10	
	8	4	BACK(4)		3	11	
	12	5			2	12	
	1	6			1051	16	NO RADIATION(16)

F11HRMS3:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. Response required only if F11HRMTP=1 or 3.
3. 'NOT APPLICABLE' indicates that location of the heart murmur was not at any of the listed sites. 'NO RADIATION' indicates that the murmur was located at one of the listed sites, but there was no radiation at that site.

F11HRMS4 ----- SYSTOLIC RADIATION - APICAL

type: numeric (float)  
 label: F11HRMS4

range: [0,16] units: 1  
 unique values: 12 coded missing: 1750 / 3514

tabulation:	Freq.	Numeric	Label
	1060	0	NOT APPLICABLE(0)
	100	1	AXILLA(1)
	11	2	NECK(2)
	20	3	
	4	4	BACK(4)
	7	5	
	8	7	
	12	8	OTHER(8)
	2	9	
	1	10	
	1	15	
	538	16	NO RADIATION(16)

F11HRMS4:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. Response required only if F11HRMTP=1 or 3.
3. 'NOT APPLICABLE' indicates that location of the heart murmur was not at any of the listed sites. 'NO RADIATION' indicates that the murmur was located at one of the listed sites, but there was no radiation at that site.



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F11HRDIA ----- HEART MURMUR DIASTOLIC GRADE

type: numeric (float)  
 label: F11HRDIA  
 range: [1,4] units: 1  
 unique values: 3 coded missing: 3489 / 3514  
 tabulation: Freq. Numeric Label  
                   15          1 I  
                   9          2 II  
                   1          4 IV

F11HRDIA:

1. Response required only if F11HRMTP=2 or 3.

F11HRMD1 ----- DIASTOLIC RADIATION - RIGHT BASE

type: numeric (float)  
 label: F11HRMD1  
 range: [0,16] units: 1  
 unique values: 3 coded missing: 2070 / 3514  
 tabulation: Freq. Numeric Label  
                   1442          0 NOT APPLICABLE(0)  
                   0          1 AXILLA(1)  
                   1          2 NECK(2)  
                   0          4 BACK(4)  
                   0          8 OTHER(8)  
                   1          16 NO RADIATION(16)

F11HRMD1:

1. Response required only if F11HRMTP=2 or 3.
2. 'NOT APPLICABLE' indicates that location of the heart murmur was not at any of the listed sites. 'NO RADIATION' indicates that the murmur was located at one of the listed sites, but there was no radiation at that site.
3. Binary coded variable. See Part II for explanation of binary coded variables.

F11HRMD2 ----- DIASTOLIC RADIATION - LEFT BASE

type: numeric (float)  
 label: F11HRMD2  
 range: [0,0] units: 0  
 unique values: 1 coded missing: 2071 / 3514  
 tabulation: Freq. Numeric Label  
                   1443          0 NOT APPLICABLE(0)  
                   0          1 AXILLA(1)  
                   0          2 NECK(2)  
                   0          4 BACK(4)  
                   0          8 OTHER(8)  
                   0          16 NO RADIATION(16)

F11HRMD2:

1. Response required only if F11HRMTP=2 or 3.
2. 'NOT APPLICABLE' indicates that location of the heart murmur was not at any of the listed sites. 'NO RADIATION' indicates that the murmur was located at one of the listed sites, but there was no radiation at that site.
3. Binary coded variable. See Part II for explanation of binary coded variables.

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F11HRMD3 ----- DIASTOLIC RADIATION-LEFT STERNAL BORDER

type: numeric (float)  
 label: F11HRMD3  
 range: [0,16] units: 1  
 unique values: 3 coded missing: 2069 / 3514

tabulation:	Freq.	Numeric	Label
	1433	0	NOT APPLICABLE(0)
	0	1	AXILLA(1)
	0	2	NECK(2)
	0	4	BACK(4)
	1	8	OTHER(8)
	11	16	NO RADIATION(16)

F11HRMD3:

1. Response required only if F11HRMTP=2 or 3.
2. 'NOT APPLICABLE' indicates that location of the heart murmur was not at any of the listed sites. 'NO RADIATION' indicates that the murmur was located at one of the listed sites, but there was no radiation at that site.
3. Binary coded variable. See Part II for explanation of binary coded variables.

F11HRMD4 ----- DIASTOLIC RADIATION - APICAL

type: numeric (float)  
 label: F11HRMD4  
 range: [0,16] units: 1  
 unique values: 2 coded missing: 2071 / 3514

tabulation:	Freq.	Numeric	Label
	1442	0	NOT APPLICABLE(0)
	0	1	AXILLA(1)
	0	2	NECK(2)
	0	4	BACK(4)
	0	8	OTHER(8)
	1	16	NO RADIATION(16)

F11HRMD4:

1. Response required only if F11HRMTP=2 or 3.
2. 'NOT APPLICABLE' indicates that location of the heart murmur was not at any of the listed sites. 'NO RADIATION' indicates that the murmur was located at one of the listed sites, but there was no radiation at that site.
3. Binary coded variable. See Part II for explanation of binary coded variables.

F11HRRUB ----- HEART - RUB

type: numeric (float)  
 label: F11HRRUB  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 57 / 3514

tabulation:	Freq.	Numeric	Label
	3438	1	NO
	19	2	YES

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F11HRPSR ----- RIGHT PULSES

```

      type: numeric (float)
      label: F11HRPSR
      range: [1,8]
      unique values: 6
      coded missing: 24 / 3514
      units: 1
      tabulation: Freq.  Numeric  Label
                   0          0  INCOMPLETE RESPONSE(0)
                   1          1  FEMORAL ABSENT(1)
                   2          2  CAROTID ABSENT(2)
                   12         4  DORSALIS PEDIS ABSENT(4)
                   1          6
                   6          7
                   3468       8  ALL PRESENT(8)
  
```

F11HRPSR:

1. Binary coded variable. See Part II for explanation of binary coded variables.

F11HRPSL ----- LEFT PULSES

```

      type: numeric (float)
      label: F11HRPSL
      range: [1,8]
      unique values: 7
      coded missing: 25 / 3514
      units: 1
      tabulation: Freq.  Numeric  Label
                   0          0  INCOMPLETE RESPONSE(0)
                   2          1  FEMORAL ABSENT(1)
                   1          2  CAROTID ABSENT(2)
                   10         4  DORSALIS PEDIS ABSENT(4)
                   1          5
                   1          6
                   116        7
                   3358       8  ALL PRESENT(8)
  
```

F11HRPSL:

1. Binary coded variable. See Part II for explanation of binary coded variables.

F11ABSC1 ----- SITE OF ABDOMINAL SCAR

```

      type: numeric (float)
      range: [69,834]
      unique values: 48
      coded missing: 2530 / 3514
      units: 1
      tab: Freq.  Val.  tab: Freq.  Val.  tab: Freq.  Val.  tab: Freq.  Val.  tab: Freq.  Val.
           1  69      1  206      5  262      1  631      3  697
           1  70      1  209      1  274      1  647      2  698
           1  101     21  228      1  280      1  653      4  699
           1  133     22  229      2  293      8  662      1  733
           1  144     10  230      1  352     84  665      1  737
           1  164      1  231      1  388     73  666      1  798
           1  165      1  251      1  390     21  667     118  833
          84  196      1  257      1  451     10  668     300  834
          33  197     25  260      1  564      7  669
          23  198     102 261      1  598      1  674
  
```

F11ABSC1:

1. See Appendix F for body locator site code list.
2. Response required only if abdominal scar was present at one or more site(s).

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F11ABSC2 ----- SITE OF ABDOMINAL SCAR

type: numeric (float)

range: [69,834] units: 1  
 unique values: 32 coded missing: 2530 / 3514

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	69		1	199		1	294		1	667
	1	70		5	228		1	485		7	668
	1	133		9	229		1	544		3	699
	2	134		5	230		1	564		1	732
	1	165		7	260		1	597		1	740
	5	196		30	261		1	643		1	773
	15	197		5	262		7	665		560	833
	5	198		1	292		3	666		300	834

F11ABSC2:

1. See Appendix F for body locator site code list.
2. Response required only if abdominal scar was present at one or more site(s).

F11ABSC3 ----- SITE OF ABDOMINAL SCAR

type: numeric (float)

range: [103,834] units: 1  
 unique values: 18 coded missing: 2530 / 3514

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	103		2	226		4	261		2	698
	1	196		4	228		2	262		653	833
	2	197		2	229		2	294		300	834
	2	198		1	230		1	484			
	1	206		3	260		1	669			

F11ABSC3:

1. See Appendix F for body locator site code list.
2. Response required only if abdominal scar was present at one or more site(s).

F11ABASC ----- ASCITES CIRC. AT UMBILICUS (CM)

type: numeric (float)

label: F11ABASC

range: [-1,-1] units: 1  
 unique values: 1 coded missing: 22 / 3514

tabulation:	Freq.	Numeric	Label
	3492	-1	ABSENT(-1)

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F11ABTN1 ----- SITE OF ABDOMINAL TENDERNESS

type: numeric (float)

range: [138,834] units: 1  
 unique values: 16 coded missing: 3116 / 3514

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	138		1	257		4	668
	12	196		2	260		3	669
	3	197		6	261		14	833
	3	198		8	665		322	834
	4	228		8	666			
	3	229		4	667			

F11ABTN1:

1. See Appendix F for body locator site code list.
2. Response required only if abdominal tenderness was present at one or more site(s).

F11ABTN2 ----- SITE OF ABDOMINAL TENDERNESS

type: numeric (float)

range: [196,834] units: 1  
 unique values: 12 coded missing: 3116 / 3514

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	2	196		1	260		1	665
	1	197		2	261		3	669
	1	198		1	262		62	833
	1	259		1	642		322	834

F11ABTN2:

1. See Appendix F for body locator site code list.
2. Response required only if abdominal tenderness was present at one or more site(s).

F11ABTN3 ----- SITE OF ABDOMINAL TENDERNESS

type: numeric (float)

range: [261,834] units: 1  
 unique values: 6 coded missing: 3116 / 3514

tabulation:

Freq.	Value
1	261
1	262
1	643
1	668
72	833
322	834

F11ABTN3:

1. See Appendix F for body locator site code list.
2. Response required only if abdominal tenderness was present at one or more site(s).

CODEBOOK FOR CSSCD FORM 11  
INTAKE PHYSICAL EXAMINATION FORM - PAGE 4  
CSSCD FULL COHORT PATIENTS

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F11LVRSZ ----- LIVER SIZE (CM)

          type: numeric (float)  
  
          range: [0,16]  units: 1  
unique values: 17  coded missing: 275 / 3514

tabulation:

Freq.	Value
1694	0
308	1
439	2
271	3
198	4
120	5
60	6
27	7
46	8
13	9
40	10
7	11
6	12
2	13
4	14
3	15
1	16

F11LVRTN ----- LIVER TENDERNESS

          type: numeric (float)  
          label: F11LVRTN  
  
          range: [1,2]  units: 1  
unique values: 2  coded missing: 46 / 3514

tabulation:

Freq.	Numeric	Label
3390	1	ABSENT
78	2	PRESENT

**CODEBOOK FOR CSSCD FORM 11**  
**INTAKE PHYSICAL EXAMINATION FORM - PAGE 5**  
 CSSCD FULL COHORT PATIENTS

F11SPLP ----- PALPABLE SPLEEN

type: numeric (float)  
 label: F11SPLP

range: [1,2] units: 1  
 unique values: 2 coded missing: 25 / 3514

tabulation:	Freq.	Numeric	Label
	2940	1	NO
	549	2	YES

F11SPLTP ----- SPLEEN - TIP PALPATED (CM)

type: numeric (float)

range: [0,11] units: 1  
 unique values: 12 coded missing: 3024 / 3514

mean: 3.20408  
 std. dev: 1.93641

percentiles:	10%	25%	50%	75%	90%
	1	2	3	4	6

F11SPLTP:

1. Response required only if F11SPLP=2.

F11SPLDI ----- SPLEEN - CM FROM MIDLINE

type: numeric (float)

range: [0,22] units: 1  
 unique values: 20 coded missing: 3097 / 3514

mean: 5.19424  
 std. dev: 3.50043

percentiles:	10%	25%	50%	75%	90%
	1	2	5	7	10

F11SPLDI:

1. Response required only if F11SPLP=2.

F11SPLTN ----- SPLEEN TENDERNESS

type: numeric (float)  
 label: F11SPLTN

range: [1,2] units: 1  
 unique values: 2 coded missing: 304 / 3514

tabulation:	Freq.	Numeric	Label
	3187	1	ABSENT
	23	2	PRESENT

**CODEBOOK FOR CSSCD FORM 11**  
**INTAKE PHYSICAL EXAMINATION FORM - PAGE 5**  
 CSSCD FULL COHORT PATIENTS

F11GNMTR ----- SIZE RIGHT TESTE

type: numeric (float)  
 label: F11GNMTR  
 range: [1,4] units: 1  
 unique values: 4 coded missing: 1806 / 3514  
 tabulation: Freq. Numeric Label  
                   121          1 SMALL  
                   6              2 OTHER  
                   4              3 BOTH  
                   1577          4 NORMAL

F11GNMTR:  
 1. Response required only from male patients.

F11GNMTL ----- SIZE LEFT TESTS

type: numeric (float)  
 label: F11GNMTL  
 range: [1,4] units: 1  
 unique values: 4 coded missing: 1812 / 3514  
 tabulation: Freq. Numeric Label  
                   119          1 SMALL  
                   10          2 OTHER  
                   3              3 BOTH  
                   1570          4 NORMAL

F11GNMTL:  
 1. Response required only from male patients.

F11GNMPI ----- PHALLUS INDURATION

type: numeric (float)  
 label: F11GNMPI  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 1839 / 3514  
 tabulation: Freq. Numeric Label  
                   1642          1 NO  
                   33              2 YES

F11GNMPI:  
 1. Response required only from male patients.

F11GNMTS ----- TANNER STAGING OF PHALLUS

type: numeric (float)  
 label: F11GNMTS  
 range: [1,5] units: 1  
 unique values: 5 coded missing: 2949 / 3514  
 tabulation: Freq. Numeric Label  
                   173          1 I  
                   95           2 II  
                   69           3 III  
                   93           4 IV  
                   135          5 V

F11GNMTS:  
 1. Response required only from male patients between 10 and 19 years of age.  
 2. See Appendix E for definitions of Tanner Stage variables. Required only for age > 10 and < 20.



**CODEBOOK FOR CSSCD FORM 11**  
**INTAKE PHYSICAL EXAMINATION FORM - PAGE 5**  
 CSSCD FULL COHORT PATIENTS

F11GNMOT ----- PHALLUS - OTHER

type: numeric (float)  
 label: F11GNMOT  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 2144 / 3514  
 tabulation: Freq. Numeric Label  
                   1345          1 NOTHING ENTERED  
                   25              2 DATA PRESENT

F11GNMOT:  
 1. Response required only from male patients.

F11GNMPH ----- TANNER STAGING OF PUBIC HAIR

type: numeric (float)  
 label: F11GNMPH  
 range: [1,5] units: 1  
 unique values: 5 coded missing: 2971 / 3514  
 tabulation: Freq. Numeric Label  
                   186          1 I  
                   72          2 II  
                   72          3 III  
                   86          4 IV  
                   127         5 V

F11GNMPH:  
 1. Response required only from male patients between 10 and 19 years of age.  
 2. See Appendix E for definitions of Tanner Stage variables.

F11GNFPH ----- TANNER STAGING OF PUBIC HAIR

type: numeric (float)  
 label: F11GNFPH  
 range: [1,5] units: 1  
 unique values: 5 coded missing: 2967 / 3514  
 tabulation: Freq. Numeric Label  
                   123          1 I  
                   77          2 II  
                   88          3 III  
                   122         4 IV  
                   137         5 V

F11GNFVC ----- PELVIC EXAMINATION (F.)

type: numeric (float)  
 label: F11GNFVC  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 2139 / 3514  
 tabulation: Freq. Numeric Label  
                   1232         1 NOT DONE  
                   117          2 NORMAL  
                   26          3 ABNORMAL

F11GNFVC:  
 1. Response required only if patient was female.

**CODEBOOK FOR CSSCD FORM 11**  
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 CSSCD FULL COHORT PATIENTS

F11EXOT1 ----- SITE OF OSSEOUS TENDERNESS

type: numeric (float)				units: 1	
range: [99,834]				coded missing: 3080 / 3514	
unique values: 34					
tab:	Freq. Value	tab:	Freq. Value	tab:	Freq. Value
	5 99		5 258		1 422
	1 100		3 260		1 452
	1 101		7 262		6 732
	2 103		2 264		8 733
	1 133		1 272		1 832
	1 135		1 290		36 833
	2 166		6 388		314 834
	2 205		4 390		
	1 227		1 420		1 641

F11EXOT1:

1. See Appendix F for body locator site code list.
2. Response required only if osseous tenderness was present at one or more site(s).

F11EXOT2 ----- SITE OF OSSEOUS TENDERNESS

type: numeric (float)				units: 1	
range: [103,834]				coded missing: 3080 / 3514	
unique values: 20					
tab:	Freq. Value	tab:	Freq. Value	tab:	Freq. Value
	2 103		1 292		1 484
	1 195		1 388		4 733
	2 260		4 390		1 832
	1 262		1 422		93 833
	1 264		1 454		314 834

F11EXOT2:

1. See Appendix F for body locator site code list.
2. Response required only if osseous tenderness was present at one or more site(s).

F11EXOT3 ----- SITE OF OSSEOUS TENDERNESS

type: numeric (float)				units: 1	
range: [260,834]				coded missing: 3080 / 3514	
unique values: 6					
tabulation:		Freq.	Value		
		1	260		
		1	390		
		1	486		
		1	732		
		116	833		
		314	834		

F11EXOT3:

1. See Appendix F for body locator site code list.
2. Response required only if osseous tenderness was present at one or more site(s).

**CODEBOOK FOR CSSCD FORM 11**  
**INTAKE PHYSICAL EXAMINATION FORM - PAGE 6**  
 CSSCD FULL COHORT PATIENTS

F11EXDF1 ----- SITE OF DEFORMITY

type: numeric (float)  
 range: [99,834] units: 1  
 unique values: 35 coded missing: 3066 / 3514

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	99		9	260		1	297		5	631
	1	100		12	262		1	312		3	632
	1	104		1	264		7	388		2	699
	2	195		2	275		1	420		10	732
	4	199		1	279		1	422		5	733
	2	205		2	289		2	484		1	742
	2	232		1	290		3	486		35	833
	3	257		1	292		7	516		312	834
	1	258		2	294		4	518			

- F11EXDF1:
1. See Appendix F for body locator site code list.
  2. Response required only if extremity deformity was present at one or more site(s).

F11EXDF2 ----- SITE OF DEFORMITY

type: numeric (float)  
 range: [103,834] units: 1  
 unique values: 23 coded missing: 3067 / 3514

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	103		3	260		1	486		1	732
	1	195		4	262		1	516		6	733
	1	199		1	263		7	518		1	749
	1	205		3	265		1	519		90	833
	2	226		6	390		1	632		312	834
	1	257		1	484		1	698			

- F11EXDF2:
1. See Appendix F for body locator site code list.
  2. Response required only if extremity deformity was present at one or more site(s).

F11EXDF3 ----- SITE OF DEFORMITY

type: numeric (float)  
 range: [257,834] units: 1  
 unique values: 12 coded missing: 3068 / 3514

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	257		1	518
	1	265		2	632
	1	291		1	698
	2	388		1	700
	1	390		123	833
	1	400		311	834

- F11EXDF3:
1. See Appendix F for body locator site code list.
  2. Response required only if extremity deformity was present at one or more site(s).

**CODEBOOK FOR CSSCD FORM 11**  
**INTAKE PHYSICAL EXAMINATION FORM - PAGE 6**  
 CSSCD FULL COHORT PATIENTS

F11EXDF4 ----- SITE OF DEFORMITY

type: numeric (float)  
 range: [262,834] units: 1  
 unique values: 9 coded missing: 3068 / 3514

tabulation:	Freq.	Value
	1	262
	1	264
	1	390
	1	398
	1	486
	1	518
	2	699
	127	833
	311	834

F11EXDF4:

1. See Appendix F for body locator site code list.
2. Response required only if extremity deformity was present at one or more site(s).

F11EXLU ----- NUMBER ACTIVE LEG ULCERS

type: numeric (float)  
 range: [0,22] units: 1  
 unique values: 8 coded missing: 24 / 3514

tabulation:	Freq.	Value
	3359	0
	56	1
	28	2
	7	3
	4	4
	1	5
	33	11
	2	22

F11EXLEE ----- LOWER EXTREMITY EDEMA

type: numeric (float)  
 label: F11EXLEE  
 range: [1,4] units: 1  
 unique values: 4 coded missing: 155 / 3514

tabulation:	Freq.	Numeric	Label
	3302	1	ABSENT
	15	2	RIGHT
	18	3	LEFT
	24	4	BOTH

**CODEBOOK FOR CSSCD FORM 11**  
**INTAKE PHYSICAL EXAMINATION FORM - PAGE 6**  
 CSSCD FULL COHORT PATIENTS

F11JNSI1 ----- JOINT INFLAMMATION SITE

type: numeric (float)

range: [99,834] units: 1  
 unique values: 19 coded missing: 3164 / 3514

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	99		2	388		1	632
	1	227		2	390		1	698
	1	258		3	484		1	733
	1	265		1	485		6	833
	1	289		1	486		322	834
	1	292		2	516			
	1	358		1	597			

F11JNSI1:

1. See Appendix F for body locator site code list.
2. Response required only if joint inflammation was present at one or more site(s).

F11JNSI2 ----- SITE JOINT INFLAMMATION

type: numeric (float)

range: [297,834] units: 1  
 unique values: 5 coded missing: 3164 / 3514

tabulation:

Freq.	Value
1	297
1	398
2	486
24	833
322	834

F11JNSI2:

1. See Appendix F for body locator site code list.
2. Response required only if joint inflammation was present at one or more site(s).

F11JNSI3 ----- SITE JOINT INFLAMMATION

type: numeric (float)

range: [833,834] units: 1  
 unique values: 2 coded missing: 3164 / 3514

tabulation:

Freq.	Value
28	833
322	834

F11JNSI3:

1. See Appendix F for body locator site code list.
2. Response required only if joint inflammation was present at one or more site(s).

**CODEBOOK FOR CSSCD FORM 11**  
**INTAKE PHYSICAL EXAMINATION FORM - PAGE 6**  
CSSCD FULL COHORT PATIENTS

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F11JNSI4 ----- SITE JOINT INFLAMMATION

type: numeric (float)  
range: [486,834] units: 1  
unique values: 3 coded missing: 3164 / 3514

tabulation:	Freq.	Value
	1	486
	27	833
	322	834

F11JNSI4:

1. See Appendix F for body locator site code list.
2. Response required only if joint inflammation was present at one or more site(s).

F11JNEF1 ----- JOINT EFFUSION SITE

type: numeric (float)  
range: [225,834] units: 1  
unique values: 8 coded missing: 3179 / 3514

tabulation:	Freq.	Value
	1	225
	2	388
	4	390
	2	484
	1	486
	1	632
	3	833
	321	834

F11JNEF1:

1. See Appendix F for body locator site code list.
2. Response required only if joint effusion was present at one or more site(s).

F11JNEF2 ----- SITE JOINT EFFUSION

type: numeric (float)  
range: [390,834] units: 1  
unique values: 4 coded missing: 3179 / 3514

tabulation:	Freq.	Value
	1	390
	2	486
	11	833
	321	834

F11JNEF2:

1. See Appendix F for body locator site code list.
2. Response required only if joint effusion was present at one or more site(s).

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**INTAKE PHYSICAL EXAMINATION FORM - PAGE 6**  
 CSSCD FULL COHORT PATIENTS

F11JNEF3 ----- SITE JOINT EFFUSION

type: numeric (float)  
 range: [388,834] units: 1  
 unique values: 3 coded missing: 3179 / 3514

tabulation: Freq. Value  
                   1 388  
                   13 833  
                   321 834

F11JNEF3:

1. See Appendix F for body locator site code list.
2. Response required only if joint effusion was present at one or more site(s).

F11JNLM1 ----- JOINT LIMITED MOTION SITE

type: numeric (float)  
 range: [99,834] units: 1  
 unique values: 35 coded missing: 3011 / 3514

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	10	99		1	240		1	289		1	528
	5	103		1	257		6	292		3	631
	1	105		3	258		4	294		6	632
	1	131		37	260		8	388		4	699
	1	195		30	262		4	390		3	733
	6	199		2	264		7	484		1	832
	1	205		1	265		6	486		28	833
	2	225		1	272		1	496		313	834
	1	230		2	279		1	516			

F11JNLM1:

1. See Appendix F for body locator site code list.
2. Response required only if there was a limitation of motion at one or more joint(s).

F11JNLM2 ----- SITE JOINT LIMITED MOTION

type: numeric (float)  
 range: [99,834] units: 1  
 unique values: 28 coded missing: 3012 / 3514

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	2	99		5	260		1	297		2	632
	1	103		19	262		1	388		3	698
	1	113		1	265		5	390		1	699
	1	195		1	270		2	484		1	732
	1	199		1	272		6	486		3	733
	1	205		2	275		1	494		124	833
	1	258		2	294		1	518		312	834

F11JNLM2:

1. See Appendix F for body locator site code list.
2. Response required only if there was a limitation of motion at one or more joint(s).

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**INTAKE PHYSICAL EXAMINATION FORM - PAGE 6**  
 CSSCD FULL COHORT PATIENTS

F11JNLM3 ----- SITE JOINT LIMITED MOTION

type: numeric (float)  
 range: [103,834] units: 1  
 unique values: 12 coded missing: 3012 / 3514

tabulation:	Freq.	Value
	2	103
	1	195
	1	257
	1	291
	2	388
	1	390
	2	486
	1	632
	1	732
	2	733
	176	833
	312	834

F11JNLM3:

1. See Appendix F for body locator site code list.
2. Response required only if there was a limitation of motion at one or more joint(s).

F11JNFD1 ----- SITE JOINT FIXED DEFORMITY

type: numeric (float)  
 range: [103,834] units: 1  
 unique values: 28 coded missing: 3124 / 3514

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	2	103		2	257		1	291		2	516
	3	195		5	260		2	294		2	518
	4	199		10	262		1	297		1	528
	2	205		3	264		1	388		1	699
	1	209		1	279		1	390		2	733
	1	225		1	289		1	484		15	833
	1	230		1	290		4	486		319	834

F11JNFD1:

1. See Appendix F for body locator site code list.
2. Response required only if there was fixed deformity at one or more joint(s).



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**INTAKE PHYSICAL EXAMINATION FORM - PAGE 6**  
CSSCD FULL COHORT PATIENTS

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F11JNFD2 ----- SITE JOINT FIXED DEFORMITY

type: numeric (float)  
range: [195,834] units: 1  
unique values: 18 coded missing: 3124 / 3514

tabulation:	Freq.	Value
	1	195
	3	199
	1	205
	1	257
	1	258
	2	260
	2	262
	1	264
	3	265
	1	275
	1	297
	1	388
	1	390
	2	484
	1	518
	1	632
	48	833
	319	834

F11JNFD2:

1. See Appendix F for body locator site code list.
2. Response required only if there was fixed deformity at one or more joint(s).

F11JNFD3 ----- SITE JOINT FIXED DEFORMITY

type: numeric (float)  
range: [257,834] units: 1  
unique values: 8 coded missing: 3124 / 3514

tabulation:	Freq.	Value
	1	257
	1	289
	1	291
	1	390
	1	486
	1	616
	65	833
	319	834

F11JNFD3:

1. See Appendix F for body locator site code list.
2. Response required only if there was fixed deformity at one or more joint(s).





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#### 4.4: Intake Laboratory Sheet – Form 12

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F11LYSE4:

1. See Appendix F for body locator site code list.
2. Response required only if there was lymphatic enlargement at one or more site(s).

F11SKFA ----- FACIAL ACNE

type: numeric (float)  
label: F11SKFA  
range: [1,2] units: 1  
unique values: 2 coded missing: 56 / 3514  
tabulation: Freq. Numeric Label  
3312 1 ABSENT  
146 2 PRESENT

F11SKOA ----- SKIN ABNORMALITIES

type: numeric (float)  
range: [1,2] units: 1  
unique values: 2 coded missing: 227 / 3514  
tabulation: Freq. Value  
2939 1  
348 2

#### 4.4: Intake Laboratory Sheet – Form 12

F110PF ----- OTHER PHYSICAL FINDINGS

type: numeric (float)  
label: F110PF

range: [1,2] units: 1  
unique values: 2 coded missing: 131 / 3514

tabulation:	Freq.	Numeric	Label
	2846	1	NO
	537	2	YES

\_dta:

1. Created 11/11/99, modified 8/3/2000.

A. List of variables deleted **F12DATE F12ESTAT F12DFC F12LASTE F12LASTU  
F12TRNDT F12URCLD F22DATE F22VDATE**

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 **F12DATE F12TRNDT F12URCLD F22DATE**

H. New name **FJ12DATE J12TRNDT J12URCLD JF22DATE**

I. Collection Information:

**Form 12 (Intake Laboratory Sheet)** was to be filled out 1) at the time of entry for patients entered at  $\geq 2$  years of age and 2) at age 2 years for patients entered at  $< 2$  years of age. If a patient entered at  $< 2$  years of age turned 2 after February 1984, **Form 25** [See Section 4.6] was used as the **Intake at Age 2** form. Intake laboratory procedures and methods are described in Chapter 10 of the **Manual of Operations (MOO)** which is appended [See Appendix E].

J. Date Collection Period: 03/79 – 03/84

K. Form Version Dates: 03/01/79, 03/29/79, 06/11/79

L. Files Used to Store Information:

SAS System File: **R1222.SD2**

Format File: **R1222.FMT**

M. Unique Record Identifiers: **ANONID**

Records within the dataset are sorted by **ANONID**. The cycle number (**F12CYCLE**) for all records is “25.”

N. Number of Observations (Patients) in SAS dataset: 3480 (3480)

O. Contents of SAS dataset:

- Alphabetical Listing of Variables: See pp. 141-142
- Listing of Variables by Position: See pp. 143-144

Values for the following items, which are listed on **Form 12**, are stored in other SAS datasets and are described in the section listed in the table:

<u>Laboratory Test</u>	<u>SAS dataset</u>	<u>See Section</u>
Pocked RBCs	<b>R07.SD2</b>	5.2
CDC hemoglobin electrophoresis	<b>R06.SD2</b>	5.1
Alpha/non-alpha ratio	<b>R06.SD2</b>	5.1
G-6-PD results	<b>R06.SD2</b>	5.1
Blood type/alloantibodies	<b>R27.SD2</b>	5.4
Spleen scan results	<b>R26.SD2</b>	6
Chest/shoulder x-ray results	<b>R75.SD2</b>	6
Pulmonary function measurements	<b>R94.SD2</b>	6
Abdominal Plain Film results	<b>R77.SD2</b>	6
Sonogram results	<b>R78.SD2</b>	6
Oral cholecystogram results	<b>R79.SD2</b>	6
Hip & pelvis x-ray results	<b>R77.SD2</b>	6

4.4: Intake Laboratory Sheet – Form 12

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P. Notes About Selected Variables:

- **F12CBCWB** – is the CBC white blood cell count variable. The value should be uncorrected for nucleated RBCs. However, there is really no way of knowing whether clinics adhered to the policy of recording WBCs which were uncorrected for nucleated RBCs.
- **F12DFNRB** – is the nucleated RBC variable. The field length for this variable is only two digits—if there were more than 100 nucleated RBCs/100 WBC, a value of 99 was entered.
- **CBC WBC Differential** – Values for one or more of the WBC differential variables (**F12DFPMN, F12DFEOS, F12DFBAS, F12DFLYM, F12DFMON, F12DFMM, F12DFATC**) may have missing values when the value should in fact be “0” since some clinic personnel just entered numbers for variables with non-zero values. If the sum of differential variables non-missing values is 100, the differential variables with missing values are assumed to have a value of 0.

Values for any one of the 7 types of white blood cells should not be used unless the sum of the 7 types falls between 95-105.

- **F12ALKPH** – is the variable name for alkaline phosphatase. The field length for this variable is only three digits. If the value was  $\geq 1000$ , a value of 999 was entered.
- **F12LDH** – is the variable name for LDH. The field length for this variable is only three digits. If the value was  $\geq 1000$ , a value of 999 was entered.
- **Liver Function Tests Performed at Clinics C and D** – The units of measurement used for recording results of SGOT, SGPT, alkaline phosphatase, and LDH at Clinics C & D were not the same as those requested on routine visit forms which collected LFT data. Consequently, LFT values for patients at Clinics C and D only must be converted for these four variables:

Variable	Conversion Formula
F12SGOT	$F12SGOT = F12SGOT \times 0.3$
F12SGPT	$F12SGPT = F12SGPT / 2.22$
F12ALKPH	$F12ALKPH = F12ALKPH / 0.87$
F12LDH	$F12LDH = F12LDH \times 2.7$

Q. Computed Variables: None

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#### 4.4: Intake Laboratory Sheet – Form 12

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Note: For patients with a missing value for MCH (**F12CBCMH**), the value can be computed:

$$\mathbf{F12CBCMH} = (\mathbf{F12CBCHB} / \mathbf{F12BCRB}) \times 10$$

#### R. Inter-Relationship With Other Datasets:

1. Routine (“steady-state”) physical exam and/or laboratory data were also collected on:

<b>Phase 1 Forms</b>	<b>SAS Dataset</b>
Form 16	<b>R16.SD2</b>
Form 16E	<b>R24.SD2</b>
Form 11	<b>R1121.SD2</b>
Form 17	<b>R1722.SD2</b>
Form 19	<b>R1722.SD2</b>
Form 20	<b>R1722.SD2</b>
Form 21	<b>R1722.SD2</b>
Form 22	<b>R1722.SD2</b>
Form 24	<b>R1722.SD2</b>
Form 25	<b>R25.SD2</b>

2. Datasets which store other data required at entry are:

- SAS Dataset **R06.SD2**
  1. CDC hemoglobin electrophoresis results
  2. Globin chain biosynthesis results
  3. G-6-PD results
  4. Betke-Kleihauer acid elution results

[See Section 5.1]

- SAS Dataset **R07.SD2**
  1. Pocked RBC results

[See Section 5.2]

- SAS Dataset **R27.SD2**
  1. Alloantibody results

[See Section 5.4]



**CODEBOOK FOR CSSCD FORM 12**  
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CONTENTS OF SAS DATASET: R1222.SD2  
 DATA FROM CSSCD FORM 12 - INTAKE LABORATORY SHEET  
 VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION  
 IN THE SAS DATASET AND ON FORM 12

The SAS System 13:46 Friday, September 29, 2006 15

The CONTENTS Procedure

Data Set Name	OUT1.R1222	Observations	3480
Member Type	DATA	Variables	46
Engine	V9	Indexes	0
Created	16:07 Thursday, September 28, 2006	Observation Length	368
Last Modified	16:07 Thursday, September 28, 2006	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	80
First Data Page	1
Max Obs per Page	44
Obs in First Data Page	26
Number of Data Set Repairs	0
File Name	r1222.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 #
42	F12ALBMN	Num	8	LIVER ALBUMIN (G DL)
39	F12ALKPH	Num	8	LIVER ALKALINE PHOSPHATASE (UNITS)
36	F12BLRBN	Num	8	LIVER TOTAL BILIRUBIN (MG DL)
29	F12BUN	Num	8	BUN (MG DL)
4	F12CBCHB	Num	8	CBC HB (G DL)
5	F12CBCHC	Num	8	CBC HCT (%)
9	F12CBCMH	Num	8	CBC MCH
8	F12CBCMV	Num	8	CBC MCV (FL)
6	F12BCRB	Num	8	CBC RBC (X 10(12) L)
7	F12CBCWB	Num	8	CBC WBC
35	F12CHRTR	Num	8	CHRONIC TRANSFUSION PROGRAM
30	F12CRTN	Num	8	CREATININE (MG DL)
2	F12CYCLE	Num	8	CYCLE NUMBER
15	F12DFATC	Num	8	DIFFERENTIAL ATYPICAL CELLS (%)
12	F12DFBAS	Num	8	DIFFERENTIAL BASOPHILS (%)
11	F12DFEOS	Num	8	DIFFERENTIAL EOSINOPHILS (%)

**CODEBOOK FOR CSSCD FORM 12**

**INTAKE LABORATORY SHEET**

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13	F12DFLYM	Num	8	DIFFERENTIAL LYMPHOCYTES (%)
17	F12DFMM	Num	8	DIFFERENTIAL METAMYELOCYTES MYELOCYTES
14	F12DFMON	Num	8	DIFFERENTIAL MONOCYTES (%)
16	F12DFNRB	Num	8	NUCLEATED RED BLOOD CELLS ( 100 WBC)
10	F12DFPMN	Num	8	DIFFERENTIAL PMN (%)
21	F12HJB	Num	8	HOWELL-JOLLY BODIES
20	F12ISC	Num	8	ISC (%)
40	F12LDH	Num	8	LIVER LDH (MG DL)
18	F12PLATE	Num	8	PLATELETS (X 10(9) L)
19	F12RETIC	Num	8	RETICULOCYTES (%)

**CODEBOOK FOR CSSCD FORM 12**  
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The SAS System

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The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
37	F12SGOT	Num	8	LIVER SGOT (UNITS DL)
38	F12SGPT	Num	8	LIVER SGPT (UNITS DL)
41	F12TPRO	Num	8	LIVER TOTAL PROTEIN (G DL)
3	F12TRANS	Num	8	TRANSFUSED WITHIN 4 MONTHS ?
31	F12URA	Num	8	URIC ACID (MG DL)
33	F12URCL1	Num	8	POSITIVE URINE CULTURE ORGANISM
34	F12URCL2	Num	8	POSITIVE URINE CULTURE ORGANISM
32	F12URCPN	Num	8	URINE CULTURE
23	F12URGLC	Num	8	URINALYSIS GLUCOSE
28	F12URMCH	Num	8	URINALYSIS CASTS-HPF
26	F12URMRH	Num	8	URINALYSIS > 5 RBC HPF
27	F12URMWH	Num	8	URINALYSIS > 5 WBC HPF
22	F12URPH	Num	8	URINALYSIS PH
24	F12URPRO	Num	8	URINALYSIS PROTEIN
25	F12URSG	Num	8	URINALYSIS SPECIFIC GRAVITY
44	J12TRNDT	Num	8	DATE OF LAST TRANSACTION - DAYS SINCE DOE
45	J12URCLD	Num	8	DATE OF URINE CULTURE - DAYS SINCE DOE
43	JF12DATE	Num	8	DATE OF VISIT - DAYS SINCE DOE
46	JF22DATE	Num	8	DATE LIVER FUNCTION TEST - DAYS SINCE DOE

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\*\*\*\*\*  
\*\*\*\*\*  
\* R1222.FMT contains value labels for numerical codes assigned to  
categorical\*  
\* variables in the SAS datasets R12.SD2 and R22.SD2  
\*  
\*\*\*\*\*  
\*\*\*\*\*;

\* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 04/18/99 14:01:38;

PROC FORMAT;

VALUE F12CYCLE  
25 = 'ENTRY OR AGE 2'  
31 = 'THIRD ANNUAL';

\* FORMAT PRES\_ABS is used for the following variables: F12HJB F12URMRH  
F12URMWH  
F12XGAL;

VALUE PRES\_ABS  
1 = 'PRESENT'  
2 = 'ABSENT';

VALUE F12URGLC  
1 = 'NEG.'  
2 = '1+'  
3 = '2+'  
4 = '3+'  
5 = '4+';

VALUE F12URPRO  
1 = 'NEG.'  
2 = 'TR'  
3 = '1+'  
4 = '2+'  
5 = '3+'  
6 = '4+';

VALUE F12URMCH  
16 = 'ABSENT(16)'  
0 = 'PRESENT,NO TYPE(0)'  
1 = 'PRESENT,RBC(1)'  
2 = 'PRESENT,WBC(2)'  
4 = 'PRESENT,GRANULAR(4)'  
8 = 'PRESENT,HYALINE(8)';

**CODEBOOK FOR CSSCD FORM 12**  
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VALUE F12URCPN  
1 = 'POSITIVE'  
2 = 'NEGATIVE';

\* FORMAT U\_CULTUR is used for the following variables: F12URCL1  
F12URCL2;

VALUE U\_CULTUR  
-1 = 'NEGATIVE';

VALUE F22CYCLE  
25 = 'ENTRY OR AGE 2'  
26 = 'FIRST INTERIM'  
27 = 'FIRST ANNUAL'  
29 = 'SECOND ANNUAL'  
30 = 'THIRD INTERIM'  
31 = 'THIRD ANNUAL'  
33 = 'FOURTH ANNUAL';

VALUE F22ESTAT  
0 = 'NO ERRS OR BKPTS'  
1 = 'NO ERRS, SOME BKPTS'  
2 = 'SOME ERRS, NO BKPTS'  
3 = 'BOTH ERRS AND BKPTS'  
8 = 'UPDATED AFT. EDITING';

\* FORMAT NO\_YES is used for the following variables: F12TRANS F12CHRTR  
F12SPLN;

VALUE NO\_YES  
1 = 'NO'  
2 = 'YES';

VALUE F12LVMS  
1 = '7 MIN. HELIUM'  
2 = 'PLETHYSMOGRAPHY';

\* FORMAT YES\_NO is used for the following variables: F12CARD F12BNABN  
F12AVNCR  
F12SCLR F12CYSL F12GNOST F12FMDEF F12XGFL F12XPNC  
F12HPFAN;

VALUE YES\_NO  
1 = 'YES'  
2 = 'NO';

**CODEBOOK FOR CSSCD FORM 12**  
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VALUE F12LNGIN  
64 = 'NO(64)'  
1 = 'LEFT UPPER(1)'  
2 = 'LEFT-LINGULA(2)'  
4 = 'LEFT LOWER(4)'  
8 = 'RIGHT UPPER(8)'  
16 = 'RIGHT MIDDLE(16)'  
32 = 'RIGHT LOWER(32)';

VALUE F12PLEFF  
1 = 'RIGHT'  
2 = 'LEFT'  
3 = 'BOTH'  
4 = 'NO';

VALUE F12XPSOA  
1 = 'SEEN'  
2 = 'NOT SEEN';

\* FORMAT DONE is used for the following variables: F12SONDN F12ORCDN;

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

\* FORMAT RESULTS is used for the following variables: F12SONO F12ORCH;

VALUE RESULTS  
1 = 'ABNORMAL ?'  
2 = 'GALLSTONES'  
3 = 'GALLBLADDER'  
4 = 'BOTH'  
  
5 = 'NORMAL';

VALUE F12ORCSD  
1 = 'SINGLE'  
2 = 'DOUBLE';

VALUE F12HPF  
1 = 'NORMAL'  
2 = 'ABNORMAL';

\* FORMAT MMDDYY8.  
F12TRANS F12CHRTR NO\_YES.

**CODEBOOK FOR CSSCD FORM 12**  
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F12HJB F12URMRH F12URMWH PRES\_ABS.  
F12URGLC F12URGLC.  
F12URPRO F12URPRO.  
F12URMCH F12URMCH.  
F12URCPN F12URCPN.  
F12URCL1 F12URCL2 U\_CULTUR.;

RUN;  
QUIT;

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 CSSCD FULL COHORT PATIENTS

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F12CYCLE ----- CYCLE NUMBER

type: numeric (float)  
 range: [25,25] units: 1  
 unique values: 1 coded missing: 0 / 3480

tabulation: Freq. Value  
 3480 25

F22VDATE ----- VERSION DATE **DELETED**

type: numeric daily date (int)  
 label: datelab  
 range: [6999,7101] units: 1  
 or equivalently: [01mar1979,11jun1979] units: days  
 unique values: 3 coded missing: 2 / 3480

tabulation:	Freq.	Numeric	Label
	231	6999	03/01/79
	225	7027	03/29/79
	3022	7101	06/11/79

F12CHRTR ----- CHRONIC TRANSFUSION PROGRAM

type: numeric (float)  
 label: F12CHRTR  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 519 / 3480

tabulation:	Freq.	Numeric	Label
	2852	1	NO
	109	2	YES

F12CHRTR:  
 1. Not collected before 06/11/79.

F12TRANS ----- TRANSFUSED WITHIN 4 MONTHS ?

type: numeric (float)  
 label: F12TRANS  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 1449 / 3480

tabulation:	Freq.	Numeric	Label
	1738	1	NO
	293	2	YES

F12TRANS:  
 1. Not collected before 06/11/79.



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F12CBCHB ----- CBC HB (G|DL)

          type: numeric (float)

          range: [4.9,16.5]                                  units: .1

unique values: 106  coded missing: 273 / 3480

          mean: 9.28347

          std. dev: 1.80686

percentiles:          10%          25%          50%          75%          90%

                          7.2          7.9          9          10.5          11.8

F12CBCHB:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

F12CBCHC ----- CBC HCT (%)

          type: numeric (float)

          range: [13.8,49.1]                                  units: .1

unique values: 290  coded missing: 267 / 3480

          mean: 27.4314

          std. dev: 5.63652

percentiles:          10%          25%          50%          75%          90%

                          20.9          23.3          26.6          31.2          35.3

F12CBCHC:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

F12BCRB ----- CBC RBC (X 10<sup>12</sup>)|L)

          type: numeric (float)

          range: [1.13,6.45]                                  units: .01

unique values: 412  coded missing: 282 / 3480

          mean: 3.27449

          std. dev: .901271

percentiles:          10%          25%          50%          75%          90%

                          2.26          2.58          3.055          3.95          4.57

F12BCRB:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

CODEBOOK FOR CSSCD FORM 12  
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CSSCD FULL COHORT PATIENTS

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F12CBCWB ----- CBC WBC  
type: numeric (float)  
range: [2.5,55.8] units: .1  
unique values: 231 coded missing: 272 / 3480  
mean: 11.2576  
std. dev: 4.3382  
percentiles: 10% 25% 50% 75% 90%  
6.3 8.3 10.7 13.5 16.7

F12CBCWB:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).
2. Should be 'uncorrected' for nucleated RBCs.

F12CBCMV ----- CBC MCV (FL)  
type: numeric (float)  
range: [34,120] units: 1  
unique values: 66 coded missing: 279 / 3480  
mean: 85.4992  
std. dev: 10.4001  
percentiles: 10% 25% 50% 75% 90%  
72 78 86 92 99

F12CBCMV:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

F12CBCMH ----- CBC MCH  
type: numeric (float)  
range: [20,35] units: .1  
unique values: 151 coded missing: 587 / 3480  
mean: 28.7293  
std. dev: 3.48483  
percentiles: 10% 25% 50% 75% 90%  
23.7 26.2 29 31.4 33.2

F12CBCMH:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).
2. For patients with missing values, see section on computed variables.

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F12DFPMN ----- DIFFERENTIAL PMN (%)

type: numeric (float)

range: [2,92] units: 1  
unique values: 86 coded missing: 329 / 3480

mean: 50.5265  
std. dev: 13.8827

percentiles:	10%	25%	50%	75%	90%
	33	41	51	60	68

F12DFPMN:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

F12DFEOS ----- DIFFERENTIAL EOSINOPHILS (%)

type: numeric (float)

range: [0,47] units: 1  
unique values: 30 coded missing: 393 / 3480

mean: 3.49077  
std. dev: 3.56658

percentiles:	10%	25%	50%	75%	90%
	0	1	3	5	8

F12DFEOS:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

F12DFBAS ----- DIFFERENTIAL BASOPHILS (%)

type: numeric (float)

range: [0,44] units: 1  
unique values: 17 coded missing: 595 / 3480

mean: .608319  
std. dev: 1.64766

percentiles:	10%	25%	50%	75%	90%
	0	0	0	1	2

F12DFBAS:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

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F12DFLYM ----- DIFFERENTIAL LYMPHOCYTES (%)

type: numeric (float)

range: [0,87] units: 1  
unique values: 85 coded missing: 329 / 3480

mean: 38.0184  
std. dev: 13.6185

percentiles:	10%	25%	50%	75%	90%
	21	28	37	47	56

F12DFLYM:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

F12DFMON ----- DIFFERENTIAL MONOCYTES (%)

type: numeric (float)

range: [0,47] units: 1  
unique values: 28 coded missing: 433 / 3480

mean: 6.87004  
std. dev: 4.1287

percentiles:	10%	25%	50%	75%	90%
	2	4	6	9	12

F12DFMON:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

F12DFATC ----- DIFFERENTIAL ATYPICAL CELLS (%)

type: numeric (float)

range: [0,18] units: 1  
unique values: 16 coded missing: 695 / 3480

mean: .536445  
std. dev: 1.37514

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

F12DFATC:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

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F12DFMM ----- DIFFERENTIAL METAMYELOCYTES|MYELOCYTES

type: numeric (float)

range: [0,9] units: 1

unique values: 9 coded missing: 787 / 3480

mean: .082436

std. dev: .516338

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

F12DFMM:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

F12DFNRB ----- NUCLEATED RED BLOOD CELLS (|100 WBC)

type: numeric (float)

range: [0,99] units: 1

unique values: 46 coded missing: 366 / 3480

mean: 1.77232

std. dev: 5.28067

percentiles:	10%	25%	50%	75%	90%
	0	0	0	2	4

F12DFNRB:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

F12PLATE ----- PLATELETS (X 10(9)|L)

type: numeric (float)

range: [29,2020] units: 1

unique values: 655 coded missing: 423 / 3480

mean: 408.276

std. dev: 160.914

percentiles:	10%	25%	50%	75%	90%
	217	300	392	499	607

F12PLATE:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

**CODEBOOK FOR CSSCD FORM 12**  
**INTAKE LABORATORY SHEET - PAGE 2**  
 CSSCD FULL COHORT PATIENTS

F12RETIC ----- RETICULOCYTES (%)

type: numeric (float)

range: [0,49] units: .1

unique values: 316 coded missing: 325 / 3480

mean: 10.0056

std. dev: 7.18807

percentiles:      10%      25%      50%      75%      90%

                  2.1      4.4      8.5      14      19.8

F12RETIC:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

F12ISC ----- ISC (%)

type: numeric (float)

range: [0,40] units: 1

unique values: 41 coded missing: 1552 / 3480

mean: 8.29098

std. dev: 8.21082

percentiles:      10%      25%      50%      75%      90%

                  0      2      6      13      20

F12ISC:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).
2. Not required for patients entered after 06/80.

F12HJB ----- HOWELL-JOLLY BODIES

type: numeric (float)

label: F12HJB

range: [1,2] units: 1

unique values: 2 coded missing: 411 / 3480

tabulation: Freq.    Numeric    Label

                  1506      1    PRESENT

                  1563      2    ABSENT

F12HJB:

1. Required only if patient was not transfused within 4-6 months prior to entry (i.e., F12TRANS=1).

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F12URPH ----- URINALYSIS PH

type: numeric (float)  
 range: [.5,9] units: .1  
 unique values: 29 coded missing: 636 / 3480  
 mean: 5.70204  
 std. dev: .813236  
 percentiles: 10% 25% 50% 75% 90%  
                   5 5 5.5 6 7

F12URPH:

1. Required only if age  $\geq$  3 years.

F12URGLC ----- URINALYSIS GLUCOSE

type: numeric (float)  
 label: F12URGLC  
 range: [1,5] units: 1  
 unique values: 5 coded missing: 613 / 3480

tabulation:	Freq.	Numeric	Label
	2850	1	NEG.
	11	2	1+
	1	3	2+
	4	4	3+
	1	5	4+

F12URGLC:

1. Required only if age  $\geq$  3 years.

F12URPRO ----- URINALYSIS PROTEIN

type: numeric (float)  
 label: F12URPRO  
 range: [1,6] units: 1  
 unique values: 6 coded missing: 614 / 3480

tabulation:	Freq.	Numeric	Label
	2525	1	NEG.
	159	2	TR
	91	3	1+
	36	4	2+
	42	5	3+
	13	6	4+

F12URPRO:

1. Required only if age  $\geq$  3 years.

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F12URSG ----- URINALYSIS SPECIFIC GRAVITY

type: numeric (float)  
range: [.01,1.101] units: .001  
unique values: 35 coded missing: 692 / 3480  
mean: 1.01004  
std. dev: .038029  
percentiles: 10% 25% 50% 75% 90%  
1.008 1.01 1.011 1.013 1.015

F12URSG:

1. Required only if age  $\geq$  3 years.

F12URMRH ----- URINALYSIS > 5 RBC|HPF

type: numeric (float)  
label: F12URMRH  
range: [1,2] units: 1  
unique values: 2 coded missing: 641 / 3480  
tabulation: Freq. Numeric Label  
117 1 PRESENT  
2722 2 ABSENT

F12URMRH:

1. Required only if age  $\geq$  3 years.

F12URMWH ----- URINALYSIS > 5 WBC|HPF

type: numeric (float)  
label: F12URMWH  
range: [1,2] units: 1  
unique values: 2 coded missing: 646 / 3480  
tabulation: Freq. Numeric Label  
370 1 PRESENT  
2464 2 ABSENT

F12URMWH:

1. Required only if age  $\geq$  3 years.



**CODEBOOK FOR CSSCD FORM 12**  
**INTAKE LABORATORY SHEET - PAGE 3**  
 CSSCD FULL COHORT PATIENTS

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F12URMCH ----- URINALYSIS CASTS-HPF

type: numeric (float)  
 label: F12URMCH

range: [0,16] units: 1  
 unique values: 10 coded missing: 513 / 3480

tabulation:	Freq.	Numeric	Label
	9	0	PRESENT,NO TYPE(0)
	2	1	PRESENT,RBC(1)
	8	2	PRESENT,WBC(2)
	42	4	PRESENT,GRANULAR(4)
	1	6	
	30	8	PRESENT,HYALINE(8)
	2	10	
	24	12	
	1	13	
	2848	16	ABSENT(16)

F12URMCH:

1. Required only if age  $\geq$  3 years.
2. Binary coded variable. See Part II for explanation of binary coded variables.

F12BUN ----- BUN (MG|DL)

type: numeric (float)

range: [1,85] units: 1  
 unique values: 43 coded missing: 520 / 3480

mean: 8.92297  
 std. dev: 4.80461

percentiles:	10%	25%	50%	75%	90%
	5	6	8	10	13

F12BUN:

1. Required only if age  $\geq$  3 years.

**CODEBOOK FOR CSSCD FORM 12**  
**INTAKE LABORATORY SHEET - PAGE 3**  
CSSCD FULL COHORT PATIENTS

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F12CRTN ----- CREATININE (MG|DL)

type: numeric (float)

range: [.1,12]

units: .1

unique values: 39

coded missing: 510 / 3480

mean: .686498

std. dev: .536034

percentiles:	10%	25%	50%	75%	90%
	.4	.5	.6	.8	1

F12CRTN:

1. Required only if age  $\geq$  3 years.

**CODEBOOK FOR CSSCD FORM 12**  
**INTAKE LABORATORY SHEET - PAGE 4**  
CSSCD FULL COHORT PATIENTS

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F12BLRBN ----- LIVER TOTAL BILIRUBIN (MG|DL)  
type: numeric (float)  
range: [.1,29] units: .1  
unique values: 123 coded missing: 283 / 3480  
mean: 2.72177  
std. dev: 2.13941  
percentiles: 10% 25% 50% 75% 90%  
.8 1.3 2.1 3.4 5.4

F12SGOT ----- LIVER SGOT (UNITS|DL)  
type: numeric (float)  
range: [2,1074] units: 1  
unique values: 226 coded missing: 293 / 3480  
mean: 54.118  
std. dev: 49.7514  
percentiles: 10% 25% 50% 75% 90%  
20 29 43 63 97

F12SGPT ----- LIVER SGPT (UNITS|DL)  
type: numeric (float)  
range: [1,1254] units: 1  
unique values: 163 coded missing: 696 / 3480  
mean: 26.8272  
std. dev: 39.49  
percentiles: 10% 25% 50% 75% 90%  
8 12 17 28 50

F12ALKPH ----- LIVER ALKALINE PHOSPHATASE (UNITS)  
type: numeric (float)  
range: [6,999] units: 1  
unique values: 334 coded missing: 298 / 3480  
mean: 143.447  
std. dev: 75.3363  
percentiles: 10% 25% 50% 75% 90%  
62 85 130.5 187 243

**CODEBOOK FOR CSSCD FORM 12**  
**INTAKE LABORATORY SHEET - PAGE 4**  
 CSSCD FULL COHORT PATIENTS

F12LDH ----- LIVER LDH (MG|DL)

type: numeric (float)

range: [5,999] units: 1  
 unique values: 713 coded missing: 466 / 3480

mean: 403.094  
 std. dev: 232.499

percentiles:	10%	25%	50%	75%	90%
	139	225	354	540	750

F12TPRO ----- LIVER TOTAL PROTEIN (G|DL)

type: numeric (float)

range: [.8,75.5] units: .1  
 unique values: 67 coded missing: 301 / 3480

mean: 7.48625  
 std. dev: 1.41815

percentiles:	10%	25%	50%	75%	90%
	6.7	7	7.5	7.9	8.3

F12ALBMM ----- LIVER ALBUMIN (G|DL)

type: numeric (float)

range: [.6,9] units: .1  
 unique values: 43 coded missing: 310 / 3480

mean: 4.40997  
 std. dev: .40586

percentiles:	10%	25%	50%	75%	90%
	4	4.2	4.4	4.6	4.9

F12URA ----- URIC ACID (MG|DL)

type: numeric (float)

range: [.5,39] units: .1  
 unique values: 120 coded missing: 476 / 3480

mean: 5.45456  
 std. dev: 1.90635

percentiles:	10%	25%	50%	75%	90%
	3.5	4.2	5.2	6.3	7.7

F12URA:

1. Required only if age  $\geq$  3 years.

**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84  
Forms 17, 19, 20, 21, 22, 24**

---

F12URCPN ----- URINE CULTURE

type: numeric (float)  
label: F12URCPN

range: [1,2] units: 1  
unique values: 2 coded missing: 1097 / 3480

tabulation:	Freq.	Numeric	Label
	146	1	POSITIVE
	2237	2	NEGATIVE

F12URCPN:

1. Required only if age  $\geq$  3 years.

F12URCL1 ----- POSITIVE URINE CULTURE ORGANISM

type: numeric (float)  
label: F12URCL1

range: [-7,9999] units: 1  
unique values: 23 coded missing: 1486 / 3480

tabulation:	Freq.	Numeric	Label
	11	-7	
	1851	-1	NEGATIVE
	2	100	
	1	105	
	11	110	
	15	120	
	2	130	
	1	150	
	3	160	
	1	170	
	3	202	
	4	203	
	1	302	
	48	401	
	8	408	
	1	409	
	4	410	
	2	412	
	1	414	
	1	800	
	4	1400	
	10	9000	
	9	9999	

F12URCL1:

1. Required only if age  $\geq$  3 years and if F12URCPN=1.
2. See Appendix H for pathogen code list.

**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84  
Forms 17, 19, 20, 21, 22, 24**

---

F12URCL2 ----- POSITIVE URINE CULTURE ORGANISM

type: numeric (float)

label: F12URCL2

range: [-1,9000]

units: 1

unique values: 11

coded missing: 1606 / 3480

tabulation:	Freq.	Numeric	Label
	1853	-1	NEGATIVE
	2	110	
	5	120	
	1	130	
	1	150	
	1	160	
	2	180	
	2	203	
	2	401	
	1	408	
	4	9000	

F12URCL2:

1. Required only if age  $\geq$  3 years, if F12URCPN=1, and if more than one organism was identified.

\_dta:

1. Created 05/31/00.

- List of variables deleted **F17DATE F17DFC F17ESTAT F17FCB F17FLUDT F17INIT F17LASTE F17LASTU F17MENDT F17NDATE F17PEB F17PNEDT F17PRGT F17SURTP F17URCLD F17VDATE F22DATE**
- List of variables modified **F17HGT F17WGT**
- List of variables modified with a name change **NONE**
- Old name
- New name
- List of variables modified date to days since DOE
- Old name **F17DATE F17URCLD F22DATE**
- New name **JF17DATE J17URCLD JF22DATE**
- List of variables modified to approx. months since DOE
- Old name **F17PNEDT F17FLUDT F17MENDT F17PRGT**
- New name **J17PNEDT J17FLUDT J17MENDT J17PRGT**

**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84**  
**Forms 17, 19, 20, 21, 22, 24**

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L. Collection Information:

The following forms were used for collecting routine interim and annual visit data through 02/84:

<u>Form #</u>	<u>Form Name</u>	<u>Cycle # (F17CYCLE)</u>
17	Interim Clinic Visit	26 (1 <sup>st</sup> interim) 30 (3 <sup>rd</sup> interim)
19	First Annual Clinic Visit	27
20	Second Annual Clinic Visit	29
21	Third Annual Clinic Visit	31
22	Third Annual Laboratory Sheet	31
24	Fourth Annual Clinic Visit	33

Physical examination and laboratory methods are described in Chapter 10 of the **Manual of Operations (MOO)** which is appended.

[See Appendix E]

**Form 25 (Extension Annual Clinic Visit Form)** was used to collect routine annual visit data for all annual visits done after 02/84.

[See Section 4.6]

M. Data Collection Period:

- **Form 17** was used between 03/79 and 03/84 to collect 1<sup>st</sup> and 3<sup>rd</sup> interim visit data.
- **Form 19** was used between 03/80 and 03/84 to collect 1<sup>st</sup> annual visit data.
- **Form 20** was used between 03/81 and 03/84 to collect 2<sup>nd</sup> annual visit data.
- **Forms 21 and 22** were used between 03/82 and 03/84 to collect 3<sup>rd</sup> annual visit data.
- **Form 24** was used between 03/83 and 03/84 to collect 4<sup>th</sup> annual visit data.

N. Form Version Dates:

<b>Form 17</b>	03/01/79, 08/31/79, 01/23/80
<b>Form 19</b>	01/29/80
<b>Form 20</b>	12/23/80
<b>Form 21 &amp; 22</b>	02/25/82
<b>Form 24</b>	02/22/83

In some cases, an inappropriate form for type of visit was submitted (e.g. a second annual visit form was completed at the time of the first annual visit). As a result the version date of the form will be the version date on the submitted form but the cycle # will correspond to the correct type of visit.





**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84**  
**Forms 17, 19, 20, 21, 22, 24**

DATA REQUIRED	FORM #:	17 1 <sup>st</sup> INT	17 1 <sup>st</sup> INT	17 1 <sup>st</sup> INT	19 1 <sup>st</sup> ANN	20 2 <sup>nd</sup> ANN	17 3 <sup>rd</sup> INT
	TYPE OF VISIT:	26	26	26	27	29	30
	CYCLE # (F17CYCLE):	03/01/79	08/31/79	01/23/80	01/29/80	12/23/80	01/23/80
	VERSION DATE (F17VDATE)						
YES	F17DATE	YES	YES	YES	YES	YES	YES
YES	F17PHYP	YES	YES	YES	YES	YES	YES
YES	F17PHYOR	YES	YES	YES	YES	YES	YES
YES	F17ERPC	YES	YES	YES	YES	YES	YES
YES	F17EROR	YES	YES	YES	YES	YES	YES
YES	F17HOSP	YES	YES	YES	YES	YES	YES
YES	F17CLPC	NO	YES	YES	YES	YES	YES
YES	F17CLOR	NO	YES	YES	YES	YES	YES
YES	F17PNE	YES	YES	YES	YES	YES	YES
YES	F17PNEDT	YES	YES	YES	YES	YES	YES
YES	F17PNEMR	YES	YES	YES	YES	YES	YES
YES	F17FLU	YES	YES	YES	YES	YES	YES
YES	F17FLUDT	YES	YES	YES	YES	YES	YES
YES	F17FLUMR	YES	YES	YES	YES	YES	YES
YES	F17TRANS	NO	NO	YES	YES	YES	YES
YES	F17SURG	NO	NO	YES	YES	YES	YES
YES	F17SURTP	NO	NO	YES	YES	YES	YES
NO	F17PENUM	YES(1)	YES(1)	YES	YES	YES	YES
NO	F17PEDAY	YES(1)	YES(1)	YES	YES	YES	YES
NO	F17ILLVS	YES(2)	YES(2)	YES	YES	YES	YES
NO	F17SEIZ	YES	YES	YES	YES	YES	YES
NO	F17SEIZ1	YES	YES	YES	YES	YES	YES
NO	F17SEIZ2	YES	YES	YES	YES	YES	YES
NO	F17SEIZ3	YES	YES	YES	YES	YES	YES
NO	F17SEIZ4	YES	YES	YES	YES	YES	YES
NO	F17MENS	NO	NO(3)	YES	YES	YES(4)	YES
NO	F17MENEV	NO	NO(3)	YES	YES	YES(4)	YES

(4) DATA  
ENTR  
Y  
COLL  
ECTIO

**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84**  
**Forms 17, 19, 20, 21, 22, 24**

FORM #:	17 1 <sup>st</sup> INT 26 03/01/79	17 1 <sup>st</sup> INT 26 08/31/79	17 1 <sup>st</sup> INT 26 01/23/80	19 1 <sup>st</sup> ANN 27 01/29/80	20 2 <sup>nd</sup> ANN 29 12/23/80	17 3 <sup>rd</sup> INT 30 01/23/80	21/22 3 <sup>rd</sup> ANN 31 02/25/82
F17MENDT	NO	NO	YES	YES	YES(4)	YES	YES
F17PREG	NO	YES	YES	YES	YES	YES	YES
F17PRGT	NO	YES	YES	YES	YES	YES	YES
F17PRGHP	NO	YES	YES	YES	YES	YES	YES
F17PRHSP	NO	YES	YES	YES	YES	YES	YES
F17PRWK	NO	YES	YES	YES	YES	YES	YES
F17CONT	YES	YES	YES	YES	YES	YES	YES
F17CONTH	YES	YES	YES	YES	YES	YES	YES
F17MED	YES	YES	YES	YES	YES	YES	YES
F17MDJRN	YES	YES	YES	YES	YES	YES	YES
F17MDFOL	YES	YES	YES	YES	YES	YES	YES
F17MDANA	YES	YES	YES	YES	YES	YES	YES
F17MDANT	YES	YES	YES	YES	YES	YES	YES
F17MDHBP	NO(5)	NO(5)	YES	YES	YES	YES	YES
F17MDHRT	NO(5)	NO(5)	YES	YES	YES	YES	YES
F17MDOTH	YES	YES	YES	YES	YES	YES	YES
F17MDCDE	YES	YES	YES	YES	YES	YES	YES
F17SCHL	YES	YES	YES	YES	YES	YES	NO
F17WRK	YES	YES	YES	YES	YES	YES	NO
F17PROB1	YES	YES	YES	YES	YES	NO(6)	NO
F17PROB2	YES	YES	YES	YES	YES	NO(6)	NO
F17PROB3	YES	YES	YES	YES	YES	NO(6)	NO
F17PROB4	YES	YES	YES	YES	YES	NO(6)	NO
F17PROB5	YES	YES	YES	YES	YES	NO(6)	NO
F17PROB6	YES	YES	YES	YES	YES	NO(6)	NO
F17PROB7	YES	YES	YES	YES	YES	NO(6)	NO
F17PROB8	YES	YES	YES	YES	YES	NO(6)	NO

**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84**  
**Forms 17, 19, 20, 21, 22, 24**

DATA REQUIRED BY TYPE OF VISIT, FORM, AND VERSION DATE

FORM #:	17 1 <sup>st</sup> INT 26 03/01/79	17 1 <sup>st</sup> INT 26 08/31/79	17 1 <sup>st</sup> INT 26 01/23/80	19 1 <sup>st</sup> ANN 27 01/29/80	20 2 <sup>nd</sup> ANN 29 12/23/80	17 3 <sup>rd</sup> INT 30 01/23/80	21/22 3 <sup>rd</sup> ANN 31 02/25/82	24 4 <sup>th</sup> ANN 33 02/22/83
TYPE OF VISIT:	17	17	17	19	20	17	21/22	24
CYCLE # (F17CYCLE):	26	26	26	27	29	30	31	33
VERSION DATE (F17VDATE)	03/01/79	08/31/79	01/23/80	01/29/80	12/23/80	01/23/80	02/25/82	02/22/83
F17PROB9	YES	YES	YES	YES	YES	NO(6)	NO	NO
F17HGT	NO	NO(7)	YES	YES	YES	YES	YES	YES
F17WGT	NO	NO(7)	YES	YES	YES	YES	YES	YES
F17BPS	YES	YES	YES	YES	YES	NO	YES	YES
F17BPD	YES	YES	YES	YES	YES	NO	YES	YES
F17PULSE	YES	YES	YES	YES	YES	NO	NO	NO
F17PLSER	NO	NO	YES	YES	YES	NO	NO	NO
F17RESP	NO	NO	NO	YES	YES	NO	NO	NO
F17EAROM	YES	YES	YES	YES	YES	NO	NO	NO
F17LNRL1	YES	YES	YES	YES	YES	NO	YES(8)	YES(8)
F17LNRL2	YES	YES	YES	YES	YES	NO	NO	NO
F17LNRL3	YES	YES	YES	YES	YES	NO	NO	NO
F17LNRN1	YES	YES	YES	YES	YES	NO	YES(8)	YES(8)
F17LNRN2	YES	YES	YES	YES	YES	NO	NO	NO
F17LNRN3	YES	YES	YES	YES	YES	NO	NO	NO
F17LNPD1	YES	YES	YES	YES	YES	NO	YES(8)	YES(8)
F17LNPD2	YES	YES	YES	YES	YES	NO	NO	NO
F17LNPD3	YES	YES	YES	YES	YES	NO	NO	NO
F17LNWZ1	YES	YES	YES	YES	YES	NO	YES(8)	YES(8)
F17LNWZ2	YES	YES	YES	YES	YES	NO	NO	NO
F17LNWZ3	YES	YES	YES	YES	YES	NO	NO	NO
F17BRTF1	NO	NO	NO	YES	YES	NO	YES	YES
F17BRTF2	NO	NO	NO	YES	YES	NO	YES	YES
F17BRTM	NO	NO	NO	YES	YES	NO	NO	NO
F17HRMRM	YES	YES	YES	YES	YES	NO	YES	YES
F17HRMTP	YES	YES	YES	YES	YES	NO	YES	YES
F17LVRSZ	YES(9)	YES(9)	YES(9)	YES	YES	NO	YES	YES

(6) NOT REQUIRED BUT ENTERED ON DATABASE IF ANSWERED ON FORM.  
(7) APPROXIMATELY 20-25% OF RECORDS WITH THIS VERSION DATE HAVE NON-MISSING VALUES WHICH WERE WRITTEN IN ON THE FORM.  
(8) ONLY YES OR NO RESPONSE REQUIRED - I.E., SITE CODE WAS NOT REQUIRED; CODE FOR YES IS '833,' CODE FOR NO IS '834.'  
(9) COLLECTION PROBLEM WITH LIVER SIZE VALUES OF '0.'

**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84**  
**Forms 17, 19, 20, 21, 22, 24**

DATA REQUIRED BY TYPE OF VISIT, FORM, AND VERSION DATE

FORM #:	17 1 <sup>st</sup> INT 26 03/01/79	17 1 <sup>st</sup> INT 26 08/31/79	17 1 <sup>st</sup> INT 26 01/23/80	19 1 <sup>st</sup> ANN 27 01/29/80	20 2 <sup>nd</sup> ANN 29 12/23/80	17 3 <sup>rd</sup> INT 30 01/23/80	21/22 3 <sup>rd</sup> ANN 31 02/25/82	24 4 <sup>th</sup> ANN 33 02/22/83
F17LVRTN	YES	YES	YES	YES	YES	NO	YES	YES
F17SPLP	YES	YES	YES	YES	YES	NO	YES	YES
F17SPLTP	YES	YES	YES	YES	YES	NO	YES	YES
F17SPLDI	YES	YES	YES	YES	YES	NO	YES	YES
F17SPLTN	YES	YES	YES	YES	YES	NO	YES	YES
F17GNMTR	NO	NO	NO	YES	YES	NO	NO	NO
F17GNMTL	NO	NO	NO	YES	YES	NO	NO	NO
F17GNMPI	YES	YES	YES	NO	NO	NO	NO	NO
F17GNMTS	NO	NO	NO	YES	YES	NO	YES	YES
F17GNMOT	YES	YES	YES	NO	NO	NO	NO	NO
F17GNMPH	NO	NO	NO	YES	YES	NO	YES	YES
F17GNFPH	NO	NO	NO	YES	YES	NO	YES	YES
F17SKFA	NO	NO	NO	YES	YES	NO	NO	NO
F17EXLEE	NO	NO	NO	NO	NO	NO	YES	YES
F17NEU	YES	YES	YES	NO	NO	NO	YES	YES
F17OPF	YES	YES	YES	YES	YES	NO	NO	NO
F17CBCHB	YES	YES	YES	YES	YES	YES	YES	YES
F17CBCHC	YES	YES	YES	YES	YES	YES	YES	YES
F17CBCRB	YES	YES	YES	YES	YES	YES	YES	YES
F17CBCWB	YES	YES	YES	YES	YES	YES	YES	YES
F17BCMV	YES	YES	YES	YES	YES	YES	YES	YES
F17BCMH	YES	YES	YES	YES	YES	YES	YES	YES
F17DFPMN	YES	YES	YES	YES	YES	NO	YES	YES
F17DFEOS	YES	YES	YES	YES	YES	NO	YES	YES
F17DFBAS	YES	YES	YES	YES	YES	NO	YES	YES
F17DFLYM	YES	YES	YES	YES	YES	NO	YES	YES
F17DFMON	YES	YES	YES	YES	YES	NO	YES	YES

**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84  
Forms 17, 19, 20, 21, 22, 24**

DATA REQUIRED BY TYPE OF VISIT, FORM, AND VERSION DATE

FORM #:	17 1 <sup>st</sup> INT 26 03/01/79	17 1 <sup>st</sup> INT 26 08/31/79	17 1 <sup>st</sup> INT 26 01/23/80	19 1 <sup>st</sup> ANN 27 01/29/80	20 2 <sup>nd</sup> ANN 29 12/23/80	17 3 <sup>rd</sup> INT 30 01/23/80	21/22 3 <sup>rd</sup> ANN 31 02/25/82	24 4 <sup>th</sup> ANN 33 02/22/83
F17DFATC	YES	YES	YES	YES	YES	NO	YES	YES
F17NRB	YES	YES	YES	YES	YES	NO	NO(10)	NO(10)
F17DFMM	YES	YES	YES	YES	YES	NO	YES	YES
F17PLATE	NO	NO	NO	YES	YES	NO	YES	YES
F17RETIC	YES	YES	YES	YES	YES	YES	YES	YES
F17ISC	YES(11)	YES(11)	YES(11)	YES(11)	NO	NO	NO	NO
F17HJB	YES	YES	YES	YES	YES	YES	YES	NO
F17URPH	NO	NO	NO	YES	YES	NO	YES	YES
F17URGLC	NO	NO	NO	YES	YES	NO	YES	YES
F17URPRO	NO	NO	NO	YES	YES	NO	YES	YES
F17URSG	NO	NO	NO	YES	YES	NO	NO	NO
F17URMRH	NO	NO	NO	YES	YES	NO	YES	YES
F17URMWH	NO	NO	NO	YES	YES	NO	YES	YES
F17URMCH	NO	NO	NO	YES	YES	NO	NO	NO
F17BUN	NO	NO	NO	YES	YES	NO	YES	YES
F17CRTN	NO	NO	NO	YES	YES	NO	YES	YES
F17URA	NO	NO	NO	YES	YES	NO	YES	NO
F17URCPN	NO	NO	NO	YES	YES	NO	YES	NO
F17URCLD	NO	NO	NO	YES	YES	NO	YES	NO
F17URCLI	NO	NO	NO	YES	YES	NO	YES	NO
F17URCL2	NO	NO	NO	YES	YES	NO	YES	NO
F17PRBC	YES	YES	YES	YES	YES	YES	YES	YES
F17HGBF	YES	YES	YES	YES	YES	NO	NO	NO
F17DFBND	NO(12)	NO(12)	NO(12)	NO(12)	NO(12)	NO	YES	YES
F17NRBC2	NO	NO	NO	NO	NO	NO	YES	YES
F12CHRTR	NO	NO	NO	NO	NO	NO	YES	NO
F12BLRBN	NO	NO	NO	NO	YES	NO	YES	NO

(10) SEE F17NRBC2

(11) DISCONTINUED 06/80

(12) VALUE ENTERED IF WRITTEN IN ON FORM; OTHERWISE % BANDS ARE INCLUDED WITH % PMN (F17DFPMIN)

**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84  
Forms 17, 19, 20, 21, 22, 24**

DATA REQUIRED BY TYPE OF VISIT, FORM, AND VERSION DATE

FORM #:	17 1 <sup>st</sup> INT 26 03/01/79	17 1 <sup>st</sup> INT 26 08/31/79	17 1 <sup>st</sup> INT 26 01/23/80	19 1 <sup>st</sup> ANN 27 01/29/80	20* 2 <sup>nd</sup> ANN 29 12/23/80	17 3 <sup>rd</sup> INT 30 01/23/80	21/22** 3 <sup>rd</sup> ANN 31 02/25/82	24 4 <sup>th</sup> ANN 33 02/22/83
F12SGOT	NO	NO	NO	NO	YES	NO	YES	NO
F12SGPT	NO	NO	NO	NO	YES	NO	YES	NO
F12ALKPH	NO	NO	NO	NO	YES	NO	YES	NO
F12LDH	NO	NO	NO	NO	YES	NO	YES	NO
F12TPRO	NO	NO	NO	NO	YES	NO	YES	NO
F12ALBMN	NO	NO	NO	NO	YES	NO	YES	NO

\* X-RAY DATA COLLECTED AT TIME OF 2<sup>ND</sup> ANNUAL VISIT ARE STORED IN SAS DATASET **F75.SD2**

\*\* X-RAY DATA COLLECTED AT TIME OF 3<sup>RD</sup> ANNUAL VISIT ARE STORED IN SAS DATASETS **F75.SD2** & **F76.SD2**

**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84**  
**Forms 17, 19, 20, 21, 22, 24**

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**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84  
Forms 17, 19, 20, 21, 22, 24**

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H. Notes About Selected Variables:

- **F17PNEDT, F17FLUDT, F17MENDT, F17PRGT** – are 4 digit date variables with date format MMYT.
- **F17SURTP** – is the variable name for the ICDA code of surgery performed. Editing and verification of responses for this variable were not done.
- **F17MENS** – is the variable name for normal menstrual periods. Responses for this variable from **Form 20 (F17CYCLE=29)** were not stored on the database before 05/21/82 (i.e., responses will be missing if **F17NDATE < 05/21/82** and **F17FCYCLE=29**).
- **F17MDANT, F17MDOETH, F17MDCDE** – are the variable names for “taking pills for infection,” “taking other medication,” and “code of medication” respectively. In August 1983, the prophylactic penicillin study (PROPS) was initiated. The PROPS SCC did not provide information to the CSSCD SCC regarding the PROPS study status of CSSCD patients. As a result, clinics were advised to check “no” as the response to **F17MDANT** and “yes” as the response to **F17MDOETH** for patients participating in PROPS. In addition, they were instructed to enter the drug code “599” as the response to “code of medication” (**F17MDCDE**) rather than one of the penicillin codes such as “370” since it was unknown whether the PROPS participant was receiving penicillin or a placebo.
- **F17HGT, F17WGT** – are variable names for height and weight respectively. The unit of measurement used for height should be centimeters; the unit of measurement used for weight should be kilograms. Although much effort was put into editing and correcting out-of-range values resulting from height/weight reversals or using the wrong units of measurement, there are still a number of bad values which should be discarded when analyzing these data.
- **F17LNRL1, F17LNRN1, f17LNPD1, F17LNWZ1** – are variable names for lung findings (rales, rhonchi, percussion dullness, wheezing). On forms 17, 19, and 20, site codes for location of finding were required; on forms 21 and 24, only a “yes” or “no” response was required—i.e., a code of “833” (incomplete site) was also used as the “yes” response code.
  
- **F17LVRSZ** – is the variable name for liver size. The valid ranges for this variable were incorrectly defined in the data entry programs. As a result, many values of “0” did not get entered. The majority of the missing values for this variable should in fact be “0”.
- **F17SPLP** – is the variable name for “palpable spleen.” Although “splenectomized” was not a response choice on the form, the schema was defined to allow for this response.
- **CBC, WBC differential, nRBC, platelet count, reticulocyte count, ISC, HJB, and pocked RBC count** were not required if patient was transfused within 4-6 months preceding visit.



**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84  
Forms 17, 19, 20, 21, 22, 24**

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- **F17CBCWB** – is the variable name for CBC white cell count. This value should be uncorrected for nucleated RBCs. However, there is really no way of knowing whether clinics adhered to the policy of recording WBCs which were uncorrected for nucleated RBCs.
- **F17NRB** – is the variable name for nucleated RBCs, which were reported on forms 17, 19, and 20. The field length for this variable is only two digits—if there were more than 100 nucleated RBCs/100 WBC, a value of 99 was entered. Another variable **F17NRBC2** was used to store nucleated RBC results reported on forms 22 and 24. **F17NRBC2** was defined with a field length of 3 digits.
- **CBC WBC Differential** – Some of the WBC differential variables (**F17DFPMN, F17DFEOS, F17DFBAS, F17DFLYM, F17DFMON, F17DFMM, F17DFATC, F17DFBND**) may have missing values when the value should in fact be “0” since some clinic personnel just entered numbers for variables with non-zero values. If the sum of differential variables with non-missing values is 100, the differential variables with missing values are assumed to have a value of “0.”

Values for any one of the 8 types of white blood cells should not be used unless the sum of the 8 values falls between 95 and 105.

The % bands variable (**F17DFBND**) was collected on forms 22 and 24 only. On other forms (17, 19, 20 – **F17CYCLE** 26-30), % bands may be included with % pmn (**F17DFPMN**).

- **F12ALKPH** – is the variable name for alkaline phosphatase. The field length for this variable in only three digits. If the value was  $\geq 1000$ , a value of 999 was entered.
- **F12LDH** – is the variable name for LDH. The field length for this variable in only three digits. If the value was  $\geq 1000$ , a value of 999 was entered.
- **Liver Function Tests Performed at Clinics C and D** – The units of measurement used for recording results of SGOT, SGPT, alkaline phosphatase, and LDH at Clinics C and D were not the same as those requested on routine visit forms which collected LFT data. Consequently, LFT values for patients at Clinics C and D only must be converted for these four variables:

<u>Variable</u>	<u>Conversion Formula</u>
<b>F12SGOT</b>	<b>F12SGOT=F12SGOT x 0.3</b>
<b>F12SGPT</b>	<b>F12SGPT=F12SGPT/2.22</b>
<b>F12ALKPH</b>	<b>F12ALKPH=F12ALKPH/0.87</b>
<b>F12LDH</b>	<b>F12LDH=F12LDH x 2.7</b>

- **NOASS17** – is the variable for whether LFT results for visit (cycle #) are in the dataset without results for all other variables required for the visit. If **NOASS17**=1, values for LFTs but no other variables for the visit are in the dataset.

**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84  
Forms 17, 19, 20, 21, 22, 24**

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I. Computed Variables:

- **F17CBCMH** – is the variable name for MCH. The value entered for this variable is the one which was recorded on the form. However, the value of **F17CBCMH** should be equal to:  

$$(F17CBCHB/F17CBCRB)*10$$
- **F17PRBC** – is the variable name for pocked red blood cells. Blood samples for this test were sent to Yale for evaluation. Results were forwarded from Yale to the SCC for entry into the database. The results are stored in the SAS dataset **R07.SD2** [See Section 5.2]. The value of **F17PRBC** was calculated by searching through “Record” 7s which had dates within  $\pm 3$  days of **F17DATE** and making **F17PRBC** equal to the **F07PIT** value if a “Record 7” within this time period was found.

J. Inter-Relationship With Other Datasets:

1. Routine (“steady-state”) physical exam and/or laboratory data were also collected on:

Phase 1 Forms	SAS Dataset
Form 16	<b>R16.SD2</b>
Form16E	<b>R24.SD2</b>
Form 11	<b>R1121.SD2</b>
Form 12	<b>R1222.SD2</b>
Form 25	<b>R25.SD2</b>

[See Section 4.0 Overview]

X-ray results reported on 2<sup>nd</sup> and 3<sup>rd</sup> annual forms used before 03/84 are stored in SAS datasets **R75.SD2** and **R76.SD2** [See Sections 6].

2. Completion of **Form 13 (Neurological Evaluation Form)** was required if **F17NEU=2**. Data are stored in **R23.SD2** [See Section 6] Values of status variables **MENSTAT**, **SEIZSTAT**, **CVASTAT** in the SAS dataset **R09.SD2**, and existence of records in datasets **R40.SD2**, **R42.SD2**, or **R44.SD2** prior to date of visit can be used to determine whether a neurologic exam was indicated.

3. Results of tests performed at Central Laboratories are stored in:

SAS Dataset	Test	See Section
<b>R07.SD2</b>	Pocked RBC count from Yale*	5.2

\* NOTE: if the “Record 7” date (**F07DATE**) was within 3 days of **F17DATE**, the PRBC result is stored in **R1722.SD2 (F17PRBC)** as well as **R07.SD2 (F07PIT)**.

4. Routine visit status variables [**INT1**, **ANN1**, **ANN2**, **INT3**, **ANN3**, **ANN4**] are stored in the SAS dataset **R09.SD2**. These variables summarize the status of each type of routine visit. An edit program was run monthly to determine whether an interim or annual visit was due. The routine visit status variable was updated to “9” if the visit was due. In the same program, “Records” 17 and 25 were searched to determine which visits were done. The appropriate visit status variable was updated to “1” (“loaded”) if a record with the corresponding cycle # was found—e.g., if **ANN2=9**

**4.5: Routine Follow up (Interim/Annual) Visit Forms Used Through 02/84**  
**Forms 17, 19, 20, 21, 22, 24**

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and a "Record" 17 with **F17CYCLE=29** was located during the retrieval, **ANN2** was updated to "1". Values of 2-8 for the routine visit status variables were based on information provided by the clinics on the monthly calendars returned to the SCC.

5. Completion of **Form 82 (Pregnancy Form)** was required if **F17PREG = 4**. Data are stored in **R82.SD2** [See section 9].

**CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS**

**USED THROUGH 02/84 - FORMS 17, 19, 20, 21, 22, 24**

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CONTENTS OF SAS DATASET: R1722.SD2

DATA FROM CSSCD FORMS 17, 19, 20, 21, 22, 24 - INTERIM CLINIC VISIT  
 VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION  
 IN THE SAS DATASET AND ON THE FORMS

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Data Set Name	OUT1.R1722	Observations	14807
Member Type	DATA	Variables	145
Engine	V9	Indexes	0
Created	16:10 Thursday, September 28, 2006	Observation Length	1160
Last Modified	16:10 Thursday, September 28, 2006	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	1059
First Data Page	2
Max Obs per Page	14
Obs in First Data Page	12
Number of Data Set Repairs	0
File Name	r1722.sas7bdat
Release Created	9.0000MO
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
137	F12ALBMN	Num	8	LIVER ALBUMIN (G DL)
134	F12ALKPH	Num	8	LIVER ALKALINE PHOSPHATASE (UNITS)
131	F12BLRBN	Num	8	LIVER TOTAL BILIRUBIN (MG DL)
130	F12CHRTR	Num	8	CHRONIC TRANSFUSION PROGRAM
135	F12LDH	Num	8	LIVER LDH (MG DL)
132	F12SGOT	Num	8	LIVER SGOT (UNITS DL)
133	F12SGPT	Num	8	LIVER SGPT (UNITS DL)
136	F12TPRO	Num	8	LIVER TOTAL PROTEIN (G DL)
56	F17BPD	Num	8	DIASTOLIC BLOOD PRESSURE
55	F17BPS	Num	8	SYSTOLIC BLOOD PRESSURE
73	F17BRTF1	Num	8	BREASTS, TANNER STAGING
74	F17BRTF2	Num	8	BREASTS, AFTER AGE 20
75	F17BRTM	Num	8	GYNECOMASTIA MALES ONLY
119	F17BUN	Num	8	BUN (MG DL)
94	F17CBCHB	Num	8	CBC HB (GM DL)
95	F17CBCHC	Num	8	CBC HCT (%)
99	F17CBCHM	Num	8	CBC MCH (PG)

CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS

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98	F17CBCMV	Num	8	CBC MCV (FL)
96	F17BCRB	Num	8	CBC RBC (X 10(12) L)
97	F17BCWB	Num	8	CBC WBC (X 10(9) L)
10	F17CLOR	Num	8	IN CLINIC FOR OTHER REASON
9	F17CLPC	Num	8	CLINIC FOR PAINFUL CRISIS
31	F17CONT	Num	8	USED CONTRACEPTIVE
32	F17CONTH	Num	8	TYPE OF CONTRACEPTIVE
120	F17CRTN	Num	8	CREATININE (MG DL)
2	F17CYCLE	Num	8	CYCLE NUMBER

**CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
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CSSCD FULL COHORT PATIENTS**

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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
105	F17DFATC	Num	8	DIFFERENTIAL ATYPICAL CELLS (%)
102	F17DFBAS	Num	8	DIFFERENTIAL BASOS (%)
127	F17DFBND	Num	8	DIFFERENTIAL BANDS (%)
101	F17DFEOS	Num	8	DIFFERENTIAL EOS (%)
103	F17DFLYM	Num	8	DIFFERENTIAL LYMPHS (%)
107	F17DFMM	Num	8	DIFFERENTIAL METAMYEL & MYELOCYTES (%)
104	F17DFMON	Num	8	DIFFERENTIAL MONOS (%)
100	F17DFPMN	Num	8	DIFFERENTIAL PMNS (%)
60	F17EAROM	Num	8	EAR PROBLEMS
7	F17EROR	Num	8	IN EMERGENCY ROOM FOR OTHER REASON
6	F17ERPC	Num	8	EMERGENCY ROOM FOR PAINFUL CRISIS
129	F17EXLEE	Num	8	LOWER EXTREMITY EDEMA
3	F17FCF	Num	8	FORM COMPLETED FOR
13	F17FLU	Num	8	H. INFLUENZA B IMMUNIZATION
14	F17FLUMR	Num	8	FLU IMMUN. CONFIRMED
90	F17GNFPH	Num	8	TANNER STAGING OF PUBIC HAIR (FEMALES)
88	F17GNMOT	Num	8	PHALLUS - OTHER
89	F17GNMPH	Num	8	TANNER STAGING OF PUBIC HAIR (MALES)
86	F17GNMPI	Num	8	PHALLUS INDURATION
85	F17GNMTL	Num	8	SIZE LEFT TESTE
84	F17GNMTR	Num	8	SIZE RIGHT TESTE
87	F17GNMTS	Num	8	TANNER STAGING OF PHALLUS
126	F17HGBF	Num	8	HGB F (%)
53	F17HGT	Num	8	HEIGHT (CM)
111	F17HJB	Num	8	HOWELL-JOLLY BODIES
8	F17HOSP	Num	8	IN HOSPITAL SINCE VISIT
76	F17HRMRM	Num	8	HEART MURMUR
77	F17HRMTP	Num	8	HEART MURMUR TYPE
19	F17ILLVS	Num	8	ILL SINCE LAST VISIT
110	F17ISC	Num	8	ISC (%)
67	F17LNPD1	Num	8	PERCUSSION DULLNESS SITE
68	F17LNPD2	Num	8	PERCUSSION DULLNESS SITE
69	F17LNPD3	Num	8	PERCUSSION DULLNESS SITE
61	F17LNRL1	Num	8	RALES SITE
62	F17LNRL2	Num	8	RALES SITE
63	F17LNRL3	Num	8	RALES SITE
64	F17LNRN1	Num	8	RHONCHI SITE
65	F17LNRN2	Num	8	RHONCHI SITE
66	F17LNRN3	Num	8	RHONCHI SITE
70	F17LNWZ1	Num	8	WHEEZING SITE
71	F17LNWZ2	Num	8	WHEEZING SITE
72	F17LNWZ3	Num	8	WHEEZING SITE
78	F17LVRSZ	Num	8	LIVER - CM BELOW RCM
79	F17LVRTN	Num	8	LIVER TENDERNESS
36	F17MDANA	Num	8	TAKING ANALGESICS
37	F17MDANT	Num	8	TAKING ANTIBIOTICS

CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
USED THROUGH 02/84 - FORMS 17, 19, 20, 21, 22, 24  
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41	F17MDCDE	Num	8	CODE OF MEDICATION
35	F17MDFOL	Num	8	TAKING FOLATE
38	F17MDHBP	Num	8	PILLS FOR HIGH BLOOD PRESSURE
39	F17MDHRT	Num	8	PILLS FOR HEART
34	F17MDIRN	Num	8	TAKING IRON
40	F17MDOTH	Num	8	OTHER MEDICATION

**CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
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CSSCD FULL COHORT PATIENTS**

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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
33	F17MED	Num	8	TAKING MEDICINE
26	F17MENEV	Num	8	EVER HAD MENSTRUAL PERIODS
25	F17MENS	Num	8	NORMAL MENSTRUAL PERIODS
93	F17NEU	Num	8	NEURO. EXAM INDICATED
106	F17NRB	Num	8	NUCLEATED RED BLOOD CELLS ( 100 WBC)
128	F17NRBC2	Num	8	NUCLEATED RED BLOOD CELLS ( 100 WBC)
92	F17OPF	Num	8	OTHER PHYSICAL FINDINGS
18	F17PEDAY	Num	8	PAINFUL EPISODE MISSED DAYS
17	F17PENUM	Num	8	PAINFUL EPISODES
5	F17PHYOR	Num	8	SEEN PHYSICIAN FOR OTHER REASON
4	F17PHYPC	Num	8	SEEN PHYSICIAN FOR PAINFUL CRISIS
108	F17PLATE	Num	8	PLATELETS (X 10 <sup>(9)</sup>  L)
58	F17PLSER	Num	8	PULSE RHYTHM
11	F17PNE	Num	8	PNEUMOCOCCAL IMMUNIZATION
12	F17PNEMR	Num	8	PNEU. IMMUN. CONFIRMED
125	F17PRBC	Num	8	POCKED RED BLOOD CELLS (%)
27	F17PREG	Num	8	PREGNANT
28	F17PRGHP	Num	8	WHAT HAPPENED TO PREGNANCY
29	F17PRHSP	Num	8	HOSPITALIZED?
44	F17PROB1	Num	8	FAMILY ARGUMENT IN PRECEDING WEEK
45	F17PROB2	Num	8	FRIEND ARGUMENT IN PRECEDING WEEK
46	F17PROB3	Num	8	SCHOOL PROBLEMS IN PRECEDING WEEK
47	F17PROB4	Num	8	WORK PROBLEMS IN PRECEDING WEEK
48	F17PROB5	Num	8	QUIT OR FIRED FROM JOB IN PRECEDING WEEK
49	F17PROB6	Num	8	FATIGUE IN PRECEDING WEEK
50	F17PROB7	Num	8	MAJOR DECISION IN PRECEDING WEEK
51	F17PROB8	Num	8	INTENSE LONELINESS IN PRECEDING WEEK
52	F17PROB9	Num	8	ANXIETY IN PRECEDING WEEK
30	F17PRWK	Num	8	WEEKS WHEN TERMINATED
57	F17PULSE	Num	8	PULSE BEATS PER MINUTE
59	F17RESP	Num	8	RESPIRATION PER MINUTE
109	F17RETIC	Num	8	RETICULOCYTES (%)
42	F17SCHL	Num	8	DAYS LOST FROM SCHOOL
20	F17SEIZ	Num	8	ANY SEIZURES
21	F17SEIZ1	Num	8	ANTI SEIZURE MEDICATION
22	F17SEIZ2	Num	8	ANTI SEIZURE MEDICATION
23	F17SEIZ3	Num	8	ANTI SEIZURE MEDICATION
24	F17SEIZ4	Num	8	ANTI SEIZURE MEDICATION
91	F17SKFA	Num	8	FACIAL ACNE
82	F17SPLDI	Num	8	SPLEEN - CM FROM MIDLINE
80	F17SPLP	Num	8	PALPABLE SPLEEN
83	F17SPLTN	Num	8	SPLEEN TENDERNESS
81	F17SPLTP	Num	8	SPLEEN - CM TIP PALPATED BELOW LCM
16	F17SURG	Num	8	ANY SURGERY
15	F17TRANS	Num	8	ANY TRANSFUSIONS
121	F17URA	Num	8	URIC ACID (MG DL)



CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
USED THROUGH 02/84 - FORMS 17, 19, 20, 21, 22, 24  
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123	F17URCL1	Num	8	POSITIVE URINE CULTURE ORGANISM
124	F17URCL2	Num	8	POSITIVE URINE CULTURE ORGANISM
122	F17URCPN	Num	8	URINE CULTURE
113	F17URGLC	Num	8	URINALYSIS GLUCOSE
118	F17URMCH	Num	8	URINALYSIS CASTS-HPF
116	F17URMRH	Num	8	URINALYSIS > 5 RBC HPF

CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
117	F17URMWH	Num	8	URINALYSIS > 5 WBC HPF
112	F17URPH	Num	8	URINALYSIS PH
114	F17URPRO	Num	8	URINALYSIS PROTEIN
115	F17URSG	Num	8	URINALYSIS SPECIFIC GRAVITY
54	F17WGT	Num	8	WEIGHT (KG)
43	F17WRK	Num	8	DAYS LOST FROM WORK
141	J17FLUDT	Num	8	FLU. IMMUN. DATE - APPROX. MONTHS SINCE DOE
142	J17MENDT	Num	8	WHEN MENSTRUAL PERIODS STOPPED-APPROX. MONTHS SINCE DOE
140	J17PNEDT	Num	8	PNEU. IMMUN. DATE - APPROX. MONTHS SINCE DOE
143	J17PRGT	Num	8	MONTH PREGNANT - APPROX. MONTHS SINCE DOE
144	J17URCLD	Num	8	DATE URINE CULTURE - DAYS SINCE DOE
139	JF17DATE	Num	8	DATE OF VISIT - DAYS SINCE DOE
145	JF22DATE	Num	8	DATE LIVER FUNCTION TEST - DAYS SINCE DOE
138	NOASS17	Num	8	

**CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
USED THROUGH 02/84 - FORMS 17, 19, 20, 21, 22, 24  
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---

```
*****
*****;
* R1722.FMT contains value labels for numerical codes assigned to
categorical*;
* variables in the SAS dataset R1722.SD2
*;
*****
*****;
```

```
* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD    04/18/99 13:54:20;
```

```
PROC FORMAT;
```

```
VALUE F17CYCLE
```

```
    25          = 'INTAKE'
    26          = '1ST INTERIM (CYCLE=26)'
    27          = '1ST ANNUAL (CYCLE=27)'
    28          = '2ND INTERIM (CYCLE=28)'
    29          = '2ND ANNUAL (CYCLE=29)'
    30          = '3RD INTERIM (CYCLE=30)'
    31          = '3RD ANNUAL (CYCLE=31)'
    32          = '4TH INTERIM (CYCLE=32)'
    33          = '4TH ANNUAL (CYCLE=33)';
```

```
VALUE F17ESTAT
```

```
    0          = 'NO ERRS OR BKPTS'
    1          = 'NO ERRS, SOME BKPTS'
    2          = 'SOME ERRS, NO BKPTS'
    3          = 'BOTH ERRS AND BKPTS'
    8          = 'UPDATED AFT EDITING';
```

```
VALUE F17FCF
```

```
    1          = 'SCHEDULED VISIT'
    2          = 'NOT-SCHEDULED'
    3          = 'MISSED VISIT';
```

```
*  FORMAT NONE used for the following variables: F17PHYPC F17PHYOR
                                                F17ERPC  F17EROR
                                                F17CLPC F17CLOR;
```

```
VALUE NONE
```

```
    0          = 'NONE';
```

```
VALUE F17HOSP
```

```
    1          = 'NO'
    2          = 'YES WO NAME'
    3          = 'YES W NAME';
```

CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS

USED THROUGH 02/84 - FORMS 17, 19, 20, 21, 22, 24

CSSCD FULL COHORT PATIENTS

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\* FORMAT NO\_YES used for the following variables: F17PNE F17FLU  
F17MENEV F17PRHSP  
F17BRTM F17OPF

F12CHRTR;

VALUE NO\_YES

1 = 'NO'  
2 = 'YES';

\* FORMAT NYNA used for the following variables: F17PNEMR F17FLUMR  
F17MENS;

VALUE NYNA

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

VALUE F17TRANS

1 = 'NO TRANSFUSION'  
2 = 'TRANSFUSED';

VALUE F17SURG

1 = 'NO SURGERY'  
2 = 'SURGERY';

VALUE F17PENUM

1 = 'NO EPISODES'  
2 = '<4 EPISODES'  
3 = '>4 EPISODES';

VALUE F17PEDAY

1 = 'NO EPISODES'  
2 = '<1 WEEK'  
3 = '>1 WEEK';

VALUE F17ILLVS

1 = 'COLD (1)'  
2 = 'EAR ACHE (2)'  
4 = 'FEVER (4)'  
8 = 'DIARRHEA (8)'  
16 = 'BLADDER (16)'  
32 = 'PRIAPISM (32)'  
64 = 'HAND FOOT (64)'

CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
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128 = 'OTHER (128)'  
256 = 'ALL NO (256)';

VALUE F17SEIZ

1 = 'NO SEIZURES'  
2 = '1 TO 4 SEIZURES'  
3 = '>4 SEIZURES';

\* FORMAT NO used for the following variables: F17SEIZ1 F17SEIZ2  
F17SEIZ3 F17SEIZ4;

VALUE NO

-1 = 'NO';

VALUE F17PREG

1 = 'NO'  
2 = 'YES-DK'  
3 = 'YES-NOT NOW'  
4 = 'YES-STILL';

VALUE F17PRGHP

1 = 'MISTAKEN'  
2 = 'ABORTION'  
3 = 'MISCARRIAGE';

\* FORMAT NDKY used for the following variables: F17CONT F17MED  
F17MDIRN F17MDFOL  
F17MDANA F17MDANT  
F17MDHBP F17MDHRT  
F17MDOTH F17PROB1  
F17PROB2 F17PROB3  
F17PROB4 F17PROB5  
F17PROB6 F17PROB7  
F17PROB8 F17PROB9;

VALUE NDKY

1 = 'NO'  
2 = 'DK'  
3 = 'YES';

VALUE F17CONTH

32 = 'NONE (32)'  
1 = 'PILL (1)'  
2 = 'IUD (2)'  
4 = 'TUBAL LIGATION (4)'  
8 = 'DIAPHRAGM (8)'

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16 = 'OTHER (16)';

\* FORMAT NAN used for the following variables: F17SCHL F17WRK;

VALUE NAN

-3 = 'NA'  
-2 = 'NO';

VALUE F17PLSER

1 = 'REGULAR'  
2 = 'IRREGULAR';

VALUE F17EAROM

4 = 'NORMAL (4)'  
1 = 'OTITIS MEDIA (1)'  
2 = 'OTHER (2)'  
3 = 'BOTH (3)';

\* FORMAT SITE used for the following variables: F17LNRL1 F17LNRL2  
F17LNRL3 F17LNRN1  
F17LNRN2 F17LNRN3  
F17LNPD1 F17LNPD2  
F17LNPD3 F17LNWZ1  
F17LNWZ2 F17LNWZ3;

VALUE SITE

834 = 'NO'  
833 = 'INCOMPLETE SITE';

\* FORMAT ROMN used for the following variables: F17BRTF1 F17GNMTS  
F17GNMPH F17GNFPH;

VALUE ROMN

1 = 'I'  
2 = 'II'  
3 = 'III'  
4 = 'IV'  
5 = 'V';

VALUE F172BRTF

1 = 'NORMAL'  
2 = 'ABNORMAL';

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\* FORMAT PRAB used for the following variables: F17HRMRM F17HJB  
F17URMRH F17URMWH;

VALUE PRAB

1 = 'PRESENT'  
2 = 'ABSENT';

VALUE F17HRMTP

1 = 'SYSTOLIC (1)'  
2 = 'DIASTOLIC (2)'  
3 = 'BOTH (3)'  
4 = 'NONE (4)';

\* FORMAT ABPR used for the following variables: F17LVRTN F17SPLTN  
F17SKFA;

VALUE ABPR

1 = 'ABSENT'  
2 = 'PRESENT';

VALUE F17SPLP

1 = 'NO'  
2 = 'YES'  
3 = 'SPLENECTOMIZED';

\* FORMAT NSOB used for the following variables: F17GNMTR F17GNMTL;

VALUE NSOB

4 = 'NORMAL (4)'  
1 = 'SMALL (1)'  
2 = 'OTHER (2)'  
3 = 'BOTH (3)';

VALUE F17GNMPI

1 = 'NO INDURATION'  
2 = 'INDURATION';

VALUE F17NEU

1 = 'NOT INDICATED'  
2 = 'INDICATED';

VALUE F17URGLC

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1 = 'NEGATIVE'  
2 = '1+'  
3 = '2+'  
4 = '3+'  
5 = '4+';

VALUE F17URPRO

1 = 'NEGATIVE'  
2 = 'TRACE'  
3 = '1+'  
4 = '2+'  
5 = '3+'  
6 = '4+';

VALUE F17URMCH

1 = 'RBC (1)'  
2 = 'WBC (2)'  
4 = 'GRANULAR (4)'  
8 = 'HYALINE (8)'  
16 = 'ABSENT (16)';

VALUE F17URCPN

1 = 'POSITIVE'  
2 = 'NEGATIVE';

\* FORMAT CONT used for the following variables: F17URCL1 F17URCL2;

VALUE CONT

9997 = 'CONTAMINATED CULTURE';

VALUE F17EXLEE

0 = 'PRESENT (0)'  
1 = 'RIGHT (1)'  
2 = 'LEFT (2)'  
3 = 'BOTH (3)'  
4 = 'ABSENT (4)';

\* FORMAT MMDDYY8.  
F17CYCLE F17CYCLE.  
F17FCF F17FCF.  
F17PHYPC F17PHYOR F17ERPC F17EROR F17CLPC F17CLOR NONE.  
F17HOSP F17HOSP.  
F17PNE F17FLU F17MENEV F17PRHSP F17BRTM F17OPF F12CHRTR  
NO\_YES.



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F17PNEMR F17FLUMR F17MENS NYNA.  
F17TRANS F17TRANS.  
F17SURG F17SURG.  
F17PENUM F17PENUM.  
F17PEDAY F17PEDAY.  
F17ILLVS F17ILLVS.  
F17SEIZ F17SEIZ.  
F17SEIZ1 F17SEIZ2 F17SEIZ3 F17SEIZ4 NO.  
F17PREG F17PREG.  
F17PRGHP F17PRGHP.  
F17CONT F17MED F17MDIRN F17MDFOL F17MDANA F17MDANT F17MDHBP  
F17MDHRT  
F17MDOTH F17PROB1 F17PROB2 F17PROB3 F17PROB4 F17PROB5  
F17PROB6 F17PROB7  
F17PROB8 F17PROB9 NDKY.  
F17CONTH F17CONTH.  
F17SCHL F17WRK NAN.  
F17PLSER F17PLSER.  
F17EAROM F17EAROM.  
F17LNRL1 F17LNRL2 F17LNRL3 F17LNRN1 F17LNRN2 F17LNRN3  
F17LNPD1 F17LNPD2 F17LNPD3 F17LNWZ1 F17LNWZ2 F17LNWZ3 SITE.  
F17BRTF1 F17GNMTS F17GNMPH F17GNFPH ROMN.  
F17BRTF2 F172BRTF.  
F17HRMRM F17HJB F17URMRH F17URMWH PRAB.  
F17HRMTP F17HRMTP.  
F17LVRTN F17SPLTN F17SKFA ABPR.  
F17SPLP F17SPLP.  
F17GNMTR F17GNMTL NSOB.  
F17GNMPI F17GNMPI.  
F17URGLC F17URGLC.  
F17URPRO F17URPRO.  
F17URMCH F17URMCH.  
F17URCPN F17URCPN.  
F17URCL1 F17URCL2 CONT.  
F17EXLEE F17EXLEE.;

RUN;  
QUIT;

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F17CYCLE ----- CYCLE NUMBER

type: numeric (float)  
 label: F17CYCLE

range: [26,33] units: 1  
 unique values: 7 coded missing: 0 / 14807

tabulation:	Freq.	Numeric	Label
	2927	26	1ST INTERIM (CYCLE=26)
	3061	27	1ST ANNUAL (CYCLE=27)
	12	28	2ND INTERIM (CYCLE=28)
	2733	29	2ND ANNUAL (CYCLE=29)
	2304	30	3RD INTERIM (CYCLE=30)
	2394	31	3RD ANNUAL (CYCLE=31)
	1376	33	4TH ANNUAL (CYCLE=33)

F17VDATE ----- VERSION DATE DELETED

type: numeric (int)  
 label: datelab

range: [6999,8453] units: 1  
 unique values: 7 coded missing: 15 / 14807

tabulation:	Freq.	Numeric	Label
	46	6999	03/01/79
	888	7182	08/31/79
	4313	7327	01/23/80
	3070	7333	01/29/80
	2710	7662	12/23/80
	2389	8091	02/25/82
	1376	8453	02/22/83

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F17PHYPC ----- SEEN PHYSICIAN FOR PAINFUL CRISIS

type: numeric (float)  
label: F17PHYPC  
range: [0,9] units: 1  
unique values: 10 coded missing: 840 / 14807

tabulation:	Freq.	Numeric	Label
	12972	0	NONE
	417	1	
	232	2	
	123	3	
	63	4	
	40	5	
	41	6	
	10	7	
	7	8	
	62	9	

F17PHYOR ----- SEEN PHYSICIAN FOR OTHER REASON

type: numeric (float)  
label: F17PHYOR  
range: [0,9] units: 1  
unique values: 10 coded missing: 323 / 14807

tabulation:	Freq.	Numeric	Label
	12259	0	NONE
	1089	1	
	498	2	
	249	3	
	124	4	
	81	5	
	68	6	
	21	7	
	16	8	
	79	9	

F17ERPC ----- EMERGENCY ROOM FOR PAINFUL CRISIS

type: numeric (float)  
label: F17ERPC  
range: [0,9] units: 1  
unique values: 10 coded missing: 675 / 14807

tabulation:	Freq.	Numeric	Label	tabulation:	Freq.	Numeric	Label
	11483	0	NONE		90	5	
	1285	1			68	6	
	606	2			21	7	
	308	3			16	8	
	147	4			108	9	

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F17EROR ----- IN EMERGENCY ROOM FOR OTHER REASON

type: numeric (float)  
 label: F17EROR

range: [0,9] units: 1

unique values: 9 coded missing: 977 / 14807

tabulation:	Freq.	Numeric	Label
	12223	0	NONE
	1167	1	
	285	2	
	56	3	
	32	4	
	16	5	
	11	6	
	3	7	
	37	9	

F17HOSP ----- IN HOSPITAL SINCE VISIT

type: numeric (float)  
 label: F17HOSP

range: [1,3] units: 1

unique values: 3 coded missing: 80 / 14807

tabulation:	Freq.	Numeric	Label
	11539	1	NO
	548	2	YES WO NAME
	2640	3	YES W NAME

F17CLPC ----- CLINIC FOR PAINFUL CRISIS

type: numeric (float)  
 label: F17CLPC

range: [0,9] units: 1

unique values: 8 coded missing: 898 / 14807

tabulation:	Freq.	Numeric	Label
	13671	0	NONE
	118	1	
	52	2	
	27	3	
	8	4	
	6	5	
	4	6	
	23	9	

F17CLPC:

1. Not required for CYCLE 26, VERSION DATE 03/01/79.

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F17CLOR ----- IN CLINIC FOR OTHER REASON

type: numeric (float)  
 label: F17CLOR

range: [0,9] units: 1

unique values: 10 coded missing: 244 / 14807

tabulation:	Freq.	Numeric	Label
	12929	0	NONE
	795	1	
	371	2	
	163	3	
	101	4	
	45	5	
	58	6	
	11	7	
	16	8	
	74	9	

F17CLOR:

1. Not required for CYCLE 26, VERSION DATE 03/01/79.

F17PNE ----- PNEUMOCOCCAL IMMUNIZATION

type: numeric (float)  
 label: F17PNE

range: [1,2] units: 1

unique values: 2 coded missing: 710 / 14807

tabulation:	Freq.	Numeric	Label
	13657	1	NO
	440	2	YES

F17PNEMR ----- PNEU. IMMUN. CONFIRMED

type: numeric (float)  
 label: F17PNEMR

range: [1,3] units: 1

unique values: 3 coded missing: 9815 / 14807

tabulation:	Freq.	Numeric	Label
	335	1	NO
	4563	2	YES
	94	3	NA

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F17FLU ----- H. INFLUENZA B IMMUNIZATION

type: numeric (float)  
label: F17FLU

range: [1,2] units: 1  
unique values: 2 coded missing: 7170 / 14807

tabulation:	Freq.	Numeric	Label
	7602	1	NO
	35	2	YES

F17FLU:

1. Required only if age < 5 years

F17FLUMR ----- FLU IMMUN. CONFIRMED

type: numeric (float)  
label: F17FLUMR

range: [1,3] units: 1  
unique values: 3 coded missing: 12078 / 14807

tabulation:	Freq.	Numeric	Label
	136	1	NO
	2544	2	YES
	49	3	NA

F17FLUMR:

1. Required only if age < 5 years

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F17TRANS ----- ANY TRANSFUSIONS

```

      type: numeric (float)
      label: F17TRANS

      range: [1,2]                units: 1
unique values: 2                coded missing: 1453 / 14807

      tabulation: Freq.  Numeric  Label
                  11777      1    NO TRANSFUSION
                  1577      2    TRANSFUSED
  
```

F17TRANS:

1. Not required for CYCLE 26, VERSION DATES 03/01/79 and 08/31/79.

F12CHRTR ----- CHRONIC TRANSFUSION PROGRAM

```

      type: numeric (float)
      label: F12CHRTR

      range: [1,2]                units: 1
unique values: 2                coded missing: 12431 / 14807

      tabulation: Freq.  Numeric  Label
                  2272      1    NO
                  104      2    YES
  
```

F12CHRTR:

1. Required only if F17TRANS=2 (yes) and F17CYCLE=31

F17SURG ----- ANY SURGERY

```

      type: numeric (float)
      label: F17SURG

      range: [1,2]                units: 1
unique values: 2                coded missing: 1475 / 14807

      tabulation: Freq.  Numeric  Label
                  12747      1    NO SURGERY
                  585      2    SURGERY
  
```

F17SURG:

1. Not required for CYCLE 26, VERSION DATES 03/01/79 and 08/31/79.

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F17SURTP ----- ICDA CODE FOR SURGERY **DELETED**

type: numeric (float)

range: [.01,999.99]

units: .01

unique values: 42

coded missing: 14429 / 14807

tab:	Freq.	Value	tab:	Freq.	Value
				1	51.32
	1	.01		1	53
	1	.20999999		1	63.73
	1	1		1	64.980003
	1	8.4899998		1	69.010002
	1	14.54		1	74.989998
	1	19.74		1	79.160004
	1	20.01		1	81.589996
	1	21.209999		1	81.690002
	1	23.09		1	81.93
	1	25.1		2	83.849998
	1	28.200001		1	86.300003
	1	28.299999		1	86.690002
	1	31.799999		1	122
	1	41.5		1	221
	1	45.259998		1	270.91
	1	47		1	540.90002
	1	48.23		1	607.29999
	1	49.459999		1	650
	1	51.099998		1	946.29999
	12	51.220001		2	999.97998
				324	999.98999

F17SURTP:

1. Required only if F17SURG=2
2. See Appendix/Codesheet ICD.9.CM, Volume 3
3. Not required for CYCLE 26, VERSION DATES 03/01/79 and 08/31/79.
4. Round up or down, keep 2 decimal digits.
5. 999.99=Not coded.

F17PENUM ----- PAINFUL EPISODES

type: numeric (float)

label: F17PENUM

range: [1,3]

units: 1

unique values: 3

coded missing: 158 / 14807

tabulation:	Freq.	Numeric	Label
	8484	1	NO EPISODES
	4549	2	<4 EPISODES
	1616	3	>4 EPISODES

F17PENUM:

1. ONLY 2 RESPONSE CHOICES ON VERSION DATES 03/01/79 and 08/31/79: NO, YES.



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F17PEDAY ----- PAINFUL EPISODE MISSED DAYS

```

      type: numeric (float)
      label: F17PEDAY
      range: [1,3]
      unique values: 3
      tabulation: Freq.  Numeric  Label
                   8316      1  NO EPISODES
                   3845      2  <1 WEEK
                   1558      3  >1 WEEK
      units: 1
      coded missing: 1088 / 14807
  
```

F17PEDAY:

1. Required only if F17PENUM > 1
2. ONLY 2 RESPONSE CHOICES ON VERSION DATES 03/01/79 and 08/31/79: NO, YES.

F17ILLVS ----- ILL SINCE LAST VISIT

```

      type: numeric (float)
      label: F17ILLVS
      range: [0,256]
      unique values: 151
      units: 1
      coded missing: 163 / 14807
  
```

tab:	Freq.	Numeric	Label	tab:	Freq.	Numeric	Label
	5	0			4	30	
2203	1	COLD 1		26	31		
177	2	EAR ACHE 2		58	32	PRIAPISM 32	
187	3			24	33		
573	4	FEVER 4		2	34		
1309	5			5	35		
45	6			12	36		
245	7			14	37		
375	8	DIARRHEA 8		2	38		
320	9			6	39		
14	10			4	40		
45	11			11	41		
181	12			1	43		
547	13			4	44		
20	14			16	45		
130	15			1	46		
105	16	BLADDER 16		7	47		
68	17			1	48		
9	18			1	49		
7	19			4	53		
24	20			1	57		
72	21			1	60		
2	22			1	61		
17	23			5	63		
15	24			103	64	HAND FOOT 64	
37	25			31	65		
2	26			6	66		
6	27			6	67		
27	28			34	68		
61	29			57	69		

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tab:	Freq.	Numeric	Label	tab:	Freq.	Numeric	Label
	3	70			16	140	
	12	71			43	141	
	19	72			2	142	
	5	73			17	143	
	1	74			4	144	
	6	75			1	145	
	12	76			1	146	
	37	77			1	147	
	18	79			2	148	
	4	80			8	149	
	1	81			1	150	
	1	82			2	152	
	2	84			4	156	
	2	85			9	157	
	1	86			1	158	
	1	87			7	159	
	3	88			1	164	
	1	91			1	169	
	1	92			3	175	
	3	93			1	189	
	3	94			5	192	
	4	95			6	193	
	3	96			2	195	
	3	100			3	196	
	6	101			6	197	
	1	103			2	199	
	1	108			1	202	
	1	109			2	204	
	1	111			6	205	
	1	116			6	207	
	1	122			1	216	
	1	124			1	217	
	2	125			2	224	
	1	126			2	225	
	149	128	OTHER 128		1	227	
	66	129			1	229	
	9	130			1	232	
	13	131			1	237	
	46	132			1	240	
	79	133			1	241	
	10	134			1	250	
	21	135			1	251	
	21	136			1	253	
	8	137			2	255	
	1	138			6599	256	ALL NO 256
	3	139					

**F17ILLVS:**

1. BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART II.
2. 'HAND-FOOT' WAS NOT A RESPONSE CHOICE ON VERSION DATES 03/01/79 and 08/31/79.

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F17SEIZ ----- ANY SEIZURES

type: numeric (float)  
label: F17SEIZ

range: [1,3] units: 1  
unique values: 3 coded missing: 72 / 14807

tabulation:	Freq.	Numeric	Label
	14562	1	NO SEIZURES
	138	2	1 TO 4 SEIZURES
	35	3	>4 SEIZURES

F17SEIZ1 ----- ANTI SEIZURE MEDICATION

type: numeric (float)  
label: F17SEIZ1

range: [-1,999] units: 1  
unique values: 18 coded missing: 14622 / 14807

tabulation:	Freq.	Numeric	Label	tabulation:	Freq.	Numeric	Label
	54	-1	NO		2	372	
	4	1			1	410	
	6	10			7	452	
	8	100			3	510	
	4	110			11	512	
	40	191			1	527	
	1	210			1	563	
	1	310			1	710	
	1	370			39	999	

F17SEIZ1:

1. See Appendix D - CODED DRUG LIST
2. Required only if F17SEIZ > 1

F17SEIZ2 ----- ANTI SEIZURE MEDICATION

type: numeric (float)  
label: F17SEIZ2

range: [-1,999] units: 1  
unique values: 9 coded missing: 14739 / 14807

tabulation:	Freq.	Numeric	Label	tabulation:	Freq.	Numeric	Label
	16	-1	NO		3	316	
	1	1			3	372	
	1	182			3	452	
	5	191			8	512	
					28	999	

F17SEIZ2:

1. See Appendix D - CODED DRUG LIST
2. Required only if F17SEIZ > 1

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F17SEIZ3 ----- ANTI SEIZURE MEDICATION

type: numeric (float)  
label: F17SEIZ3

range: [-1,999] units: 1  
unique values: 5 coded missing: 14785 / 14807

tabulation:	Freq.	Numeric	Label
	15	-1	NO
	1	1	
	1	191	
	2	452	
	3	999	

F17SEIZ3:

1. See Appendix D - CODED DRUG LIST
2. Required only if F17SEIZ > 1

F17SEIZ4 ----- ANTI SEIZURE MEDICATION

type: numeric (float)  
label: F17SEIZ4

range: [-1,999] units: 1  
unique values: 6 coded missing: 14779 / 14807

tabulation:	Freq.	Numeric	Label
	16	-1	NO
	1	1	
	4	2	
	4	3	
	1	452	
	2	999	

F17SEIZ4:

1. See Appendix D - CODED DRUG LIST
2. Required only if F17SEIZ > 1

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F17MENS ----- NORMAL MENSTRUAL PERIODS

```

      type: numeric (float)
      label: F17MENS
      range: [1,3]
      unique values: 3
      tabulation: Freq.  Numeric  Label
                  1847      1  NO
                  3056      2  YES
                  1998      3  NA
      units: 1
      coded missing: 7906 / 14807
  
```

F17MENS:

1. Not required for CYCLE 26, VERSION DATES 03/01/79 and 08/31/79.
2. THE FEW NON-MISSING VALUES FOR THIS VARIABLE SHOULD BE CHANGED TO MISSING FOR VERSION DATE 08/31/79
3. DATA ENTRY COLLECTION PROBLEM WITH THIS VARIABLE PRIOR TO 05/21/82 - I.E., RECORDS WITH F17NDATE < 05/21/82 for CYCLE 29.
4. Required for females >= 10 years

**DELETED**

F17MENEV ----- EVER HAD MENSTRUAL PERIODS

```

      type: numeric (float)
      label: F17MENEV
      range: [1,2]
      unique values: 2
      tabulation: Freq.  Numeric  Label
                  1019      1  NO
                  839       2  YES
      units: 1
      coded missing: 12949 / 14807
  
```

F17MENEV:

1. Not required for CYCLE 26, VERSION DATES 03/01/79 and 08/31/79.
2. THE FEW NON-MISSING VALUES FOR THIS VARIABLE SHOULD BE CHANGED TO MISSING FOR VERSION DATE 08/31/79
3. DATA ENTRY COLLECTION PROBLEM WITH THIS VARIABLE PRIOR TO 05/21/82 - I.E., RECORDS WITH F17NDATE < 05/21/82 for CYCLE 29.
4. Required only for females >= 10 years and only if F17MENS=1

F17PREG ----- PREGNANT

```

      type: numeric (float)
      label: F17PREG
      range: [1,4]
      unique values: 4
      tabulation: Freq.  Numeric  Label
                  1523      1  NO
                   80       2  YES-DK
                   143      3  YES-NOT NOW
                   72       4  YES-STILL
      units: 1
      coded missing: 12989 / 14807
  
```

F17PREG:

1. Not required for CYCLE 26, VERSION DATE 03/01/79.
2. Required only for females >=10 years, and only if F17MENS=1 and F17MENEV=2.

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---

F17PRGHP ----- WHAT HAPPENED TO PREGNANCY

type: numeric (float)  
label: F17PRGHP  
range: [1,3] units: 1  
unique values: 3 coded missing: 14676 / 14807

tabulation:	Freq.	Numeric	Label
	46	1	MISTAKEN
	62	2	ABORTION
	23	3	MISCARRIAGE

F17PRGHP:

1. Not required for CYCLE 26, VERSION DATE 03/01/79.
2. Required only for females  $\geq 10$  years and only if F17PREG=3

F17PRHSP ----- HOSPITALIZED?

type: numeric (float)  
label: F17PRHSP  
range: [1,3] units: 1  
unique values: 3 coded missing: 14740 / 14807

tabulation:	Freq.	Numeric	Label
	23	1	NO
	32	2	YES
	12	3	

F17PRHSP:

1. Not required for CYCLE 26, VERSION DATE 03/01/79.
2. Required only for females  $\geq 10$  years, and only if F17PRGHP=2 or 3

F17PRWK ----- WEEKS WHEN TERMINATED

type: numeric (float)  
range: [4,30] units: 1  
unique values: 18 coded missing: 14732 / 14807

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	2	4		1	13
	3	5		2	14
	8	6		1	15
	2	7		7	16
	16	8		2	18
	3	9		1	19
	7	10		1	24
	2	11		1	28
	15	12		1	30

F17PRWK:

1. Not required for CYCLE 26, VERSION DATE 03/01/79.
2. Required only for females  $\geq 10$  years and only if F17 PRGHP=2 or 3

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F17CONT ----- USED CONTRACEPTIVE

type: numeric (float)  
label: F17CONT

range: [1,3] units: 1  
unique values: 3 coded missing: 8825 / 14807

tabulation:	Freq.	Numeric	Label
	4520	1	NO
	29	2	DK
	1433	3	YES

F17CONT:

1. Required only for females  $\geq 10$  years and only if F17MENS=2 or (F17MENS=1 and F17MENEV=2)

F17CONTH ----- TYPE OF CONTRACEPTIVE

type: numeric (float)  
label: F17CONTH

range: [0,32] units: 1  
unique values: 17 coded missing: 9910 / 14807

tabulation:	Freq.	Numeric	Label
	26	0	
	357	1	PILL 1
	145	2	IUD 2
	1	3	
	530	4	TUBAL LIGATION 4
	1	5	
	1	7	
	189	8	DIAPHRAGM 8
	4	9	
	3	12	
	162	16	OTHER 16
	2	17	
	3	18	
	4	20	
	14	24	
	1	27	
	3454	32	NONE 32

F17CONTH:

1. BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART II.
2. Required only for females  $\geq 10$  years and only if F17CONT=3

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F17MED ----- TAKING MEDICINE

type: numeric (float)  
 label: F17MED  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 54 / 14807  
 tabulation:

Freq.	Numeric	Label
4956	1	NO
21	2	DK
9776	3	YES

F17MDIRN ----- TAKING IRON

type: numeric (float)  
 label: F17MDIRN  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 5402 / 14807  
 tabulation:

Freq.	Numeric	Label
9178	1	NO
5	2	DK
222	3	YES

F17MDIRN:

1. Required only if F17MED=3

F17MDFOL ----- TAKING FOLATE

type: numeric (float)  
 label: F17MDFOL  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 4926 / 14807  
 tabulation:

Freq.	Numeric	Label
1548	1	NO
26	2	DK
8307	3	YES

F17MDFOL:

1. Required only if F17MED=3

F17MDANA ----- TAKING ANALGESICS

type: numeric (float)  
 label: F17MDANA  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 5355 / 14807  
 tabulation:

Freq.	Numeric	Label
6798	1	NO
20	2	DK
2634	3	YES

F17MDANA:

1. Required only if F17MED=3



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F17MDANT ----- TAKING ANTIBIOTICS

type: numeric (float)  
 label: F17MDANT

range: [1,3] units: 1  
 unique values: 3 coded missing: 5319 / 14807

tabulation:	Freq.	Numeric	Label
	8168	1	NO
	12	2	DK
	1308	3	YES

F17MDANT:

1. Required only if F17MED=3

F17MDHBP ----- PILLS FOR HIGH BLOOD PRESSURE

type: numeric (float)  
 label: F17MDHBP

range: [1,3] units: 1  
 unique values: 3 coded missing: 5970 / 14807

tabulation:	Freq.	Numeric	Label
	8628	1	NO
	2	2	DK
	207	3	YES

F17MDHBP:

1. Not required for CYCLE 26, VERSION DATES 03/01/79 and 08/31/79.
2. THIS MEDICATION CATEGORY WAS NOT INCLUDED FOR VERSION DATES 03/01/79 and 08/31/79; F17MDCDE MAY ALSO INCLUDE DRUGS IN THIS CATEGORY.
3. Required only if F17MED=3

F17MDHRT ----- PILLS FOR HEART

type: numeric (float)  
 label: F17MDHRT

range: [1,3] units: 1  
 unique values: 3 coded missing: 5957 / 14807

tabulation:	Freq.	Numeric	Label
	8589	1	NO
	5	2	DK
	256	3	YES

F17MDHRT:

1. Not required for CYCLE 26, VERSION DATES 03/01/79 and 08/31/79.
2. THIS MEDICATION CATEGORY WAS NOT INCLUDED FOR VERSION DATES 03/01/79 and 08/31/79; F17MDCDE MAY ALSO INCLUDE DRUGS IN THIS CATEGORY.
3. Required only if F17MED=3

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F17MDOTH ----- OTHER MEDICATION

type: numeric (float)  
 label: F17MDOTH

range: [1,3] units: 1  
 unique values: 3 coded missing: 5327 / 14807

tabulation:	Freq.	Numeric	Label
	6995	1	NO
	20	2	DK
	2465	3	YES

F17MDOTH:

1. Required only if F17MED=3

F17MDCDE ----- CODE OF MEDICATION

type: numeric (float)

range: [0,999] units: 1  
 unique values: 171 coded missing: 12342 / 14807

tab: Freq.	Value	tab: Freq.	Value	tab: Freq.	Value
9	0	1	120	29	249
1	1	2	125	1	253
2	3	1	129	2	265
1	7	6	130	1	267
1	10	1	144	2	274
11	11	14	152	6	275
1	16	4	156	2	278
5	17	1	170	4	279
20	19	3	171	11	285
7	20	6	181	3	286
16	21	1	182	5	287
8	25	2	184	4	289
13	28	13	190	1	292
1	30	51	191	1	294
1	36	8	196	3	296
1	40	2	199	1	298
8	44	1	201	3	301
9	46	1	204	2	304
1	51	2	206	6	306
2	55	3	209	2	309
6	56	2	213	1	313
5	59	1	216	2	315
54	67	6	217	1	319
1	72	1	219	1	322
1	99	10	220	1	327
1	110	1	227	21	338
1	111	28	231	1	341
1	113	1	239	4	342
1	117	1	241	1	349
22	119	1	245	1	352
				1	358

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tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	2	360		10	448		8	509
	45	367		1	449		3	511
	72	369		1	450		34	512
	3	370		10	452		243	515
	158	371		3	457		5	516
	11	372		2	462		2	517
	2	374		11	463		6	519
	3	375		3	464		2	520
	1	379		10	467		1	521
	1	382		1	470		1	524
	15	391		2	471		1	525
	8	392		1	473		2	527
	1	400		3	474		22	528
	2	410		13	480		2	537
	4	413		14	481		1	538
	3	414		45	484		5	539
	3	418		1	486		6	540
	3	419		1	488		1	542
	7	420		13	489		1	548
	2	421		1	490		1	556
	1	429		3	491		2	562
	1	430		2	496		7	565
	14	434		14	497		1	567
	1	438		8	500		15	575
	2	439		1	503		1	579
	1	442		12	507		3	998
	5	443		1	508		1009	999

**F17MDCDE:**

1. See Appendix D - CODED DRUG LIST
2. Required only if F17MDOTH=3
3. 999=Not coded.

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F17SCHL ----- DAYS LOST FROM SCHOOL

type: numeric (float)  
label: F17SCHL

range: [-3,99] units: 1  
unique values: 68 coded missing: 3878 / 14807

tabulation:	Freq.	Numeric	Label	tabulation:	Freq.	Numeric	Label
	4823	-3	NA		2	32	
	2687	-2	NO		2	34	
	15	0			7	35	
	318	1			3	36	
	393	2			1	37	
	350	3			1	38	
	272	4			1	39	
	398	5			19	40	
	170	6			2	41	
	232	7			4	42	
	96	8			2	43	
	49	9			1	44	
	315	10			8	45	
	36	11			1	46	
	51	12			1	47	
	34	13			1	48	
	108	14			1	49	
	125	15			17	50	
	16	16			1	51	
	11	17			1	54	
	15	18			1	55	
	7	19			1	56	
	94	20			21	60	
	36	21			1	61	
	12	22			1	65	
	8	23			1	68	
	5	24			1	69	
	27	25			1	72	
	7	26			1	78	
	5	27			2	80	
	9	28			1	84	
	1	29			12	90	
	65	30			4	98	
	2	31			13	99	

F17SCHL:

1. Not required for CYCLES 31 and 33.



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F17PROB2 ----- FRIEND ARGUMENT IN PRECEDING WEEK

type: numeric (float)  
label: F17PROB2

range: [1,3] units: 1  
unique values: 3 coded missing: 4271 / 14807

tabulation:	Freq.	Numeric	Label
	9721	1	NO
	49	2	DK
	766	3	YES

F17PROB2:

1. Not required for CYCLES 30, 31 and 33.
2. NOT REQUIRED FOR VERSION DATE 01/23/80, BUT ENTERED ON DATABASE IF ANSWERED ON FORM.

F17PROB3 ----- SCHOOL PROBLEMS IN PRECEDING WEEK

type: numeric (float)  
label: F17PROB3

range: [1,3] units: 1  
unique values: 3 coded missing: 5059 / 14807

tabulation:	Freq.	Numeric	Label
	9253	1	NO
	67	2	DK
	428	3	YES

F17PROB3:

1. Not required for CYCLES 30, 31 and 33.
2. NOT REQUIRED FOR VERSION DATE 01/23/80, BUT ENTERED ON DATABASE IF ANSWERED ON FORM.

F17PROB4 ----- WORK PROBLEMS IN PRECEDING WEEK

type: numeric (float)  
label: F17PROB4

range: [1,3] units: 1  
unique values: 3 coded missing: 5837 / 14807

tabulation:	Freq.	Numeric	Label
	8691	1	NO
	70	2	DK
	209	3	YES

F17PROB4:

1. Not required for CYCLES 30, 31 and 33.
2. NOT REQUIRED FOR VERSION DATE 01/23/80, BUT ENTERED ON DATABASE IF ANSWERED ON FORM.

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F17PROB5 ----- QUIT OR FIRED FROM JOB IN PRECEDING WEEK

type: numeric (float)  
label: F17PROB5

range: [1,3] units: 1  
unique values: 3 coded missing: 5814 / 14807

tabulation:	Freq.	Numeric	Label
	8754	1	NO
	66	2	DK
	173	3	YES

F17PROB5:

1. Not required for CYCLES 30, 31 and 33.
2. NOT REQUIRED FOR VERSION DATE 01/23/80, BUT ENTERED ON DATABASE IF ANSWERED ON FORM.

F17PROB6 ----- FATIGUE IN PRECEDING WEEK

type: numeric (float)  
label: F17PROB6

range: [1,3] units: 1  
unique values: 3 coded missing: 4415 / 14807

tabulation:	Freq.	Numeric	Label
	8108	1	NO
	41	2	DK
	2243	3	YES

F17PROB6:

1. Not required for CYCLES 30, 31 and 33.
2. NOT REQUIRED FOR VERSION DATE 01/23/80, BUT ENTERED ON DATABASE IF ANSWERED ON FORM.

F17PROB7 ----- MAJOR DECISION IN PRECEDING WEEK

type: numeric (float)  
label: F17PROB7

range: [1,3] units: 1  
unique values: 3 coded missing: 4624 / 14807

tabulation:	Freq.	Numeric	Label
	8749	1	NO
	51	2	DK
	1383	3	YES

F17PROB7:

1. Not required for CYCLES 30, 31 and 33.
2. NOT REQUIRED FOR VERSION DATE 01/23/80, BUT ENTERED ON DATABASE IF ANSWERED ON FORM.

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F17PROB8 ----- INTENSE LONELINESS IN PRECEDING WEEK

type: numeric (float)  
label: F17PROB8

range: [1,3] units: 1  
unique values: 3 coded missing: 4354 / 14807

tabulation:	Freq.	Numeric	Label
	9329	1	NO
	92	2	DK
	1032	3	YES

F17PROB8:

1. Not required for CYCLES 30, 31 and 33.
2. NOT REQUIRED FOR VERSION DATE 01/23/80, BUT ENTERED ON DATABASE IF ANSWERED ON FORM.

F17PROB9 ----- ANXIETY IN PRECEDING WEEK

type: numeric (float)  
label: F17PROB9

range: [1,3] units: 1  
unique values: 3 coded missing: 4343 / 14807

tabulation:	Freq.	Numeric	Label
	8900	1	NO
	83	2	DK
	1481	3	YES

F17PROB9:

1. Not required for CYCLES 30, 31 and 33.
2. NOT REQUIRED FOR VERSION DATE 01/23/80, BUT ENTERED ON DATABASE IF ANSWERED ON FORM.



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F17HGT ----- HEIGHT (CM) **MODIFIED**

```

type: numeric (float)

range: [40.9,205.7]           units: .1
unique values: 937           coded missing: 969 / 14807

mean: 147.656
std. dev: 26.213

percentiles:      10%      25%      50%      75%      90%
                  106      128.2    157      167.6    175.3
    
```

F17HGT:

1. Not required for CYCLE 26, VERSION DATES 03/01/79 and 08/31/79.
2. APPROXIMATELY 20-25% OF RECORDS WITH VERSION DATE 08/31/79 HAVE NON-MISSING VALUES WHICH WERE REPORTED ON THE FORM.

F17WGT ----- WEIGHT (KG) **MODIFIED**

```

type: numeric (float)

range: [9.05,188.07]         units: .01
unique values: 2217         coded missing: 887 / 14807

mean: 44.7132
std. dev: 20.7784

percentiles:      10%      25%      50%      75%      90%
                  17      25.445    47.5     59.7     68.95
    
```

F17WGT:

1. Not required for CYCLE 26, VERSION DATES 03/01/79 and 08/31/79.
2. APPROXIMATELY 20-25% OF RECORDS WITH VERSION DATE 08/31/79 HAVE NON-MISSING VALUES WI=HICH WERE WRITTEN IN THE FORM.

F17BPS ----- SYSTOLIC BLOOD PRESSURE

```

type: numeric (float)

range: [58,240]             units: 1
unique values: 99           coded missing: 916 / 14807

mean: 106.857
std. dev: 14.2024

percentiles:      10%      25%      50%      75%      90%
                  90      100      108      115      124
    
```

F17BPS:

1. Not required for CYCLE 30.



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F17RESP ----- RESPIRATION PER MINUTE

type: numeric (float)  
 range: [9,48] units: 1  
 unique values: 32 coded missing: 9237 / 14807  
 mean: 19.5445  
 std. dev: 4.0512

percentiles: 10% 25% 50% 75% 90%  
 16 16 20 22 24

F17RESP:

1. Not required for CYCLES 26, 30, 31 and 33.

F17EAROM ----- EAR PROBLEMS

type: numeric (float)  
 label: F17EAROM  
 range: [1,4] units: 1  
 unique values: 4 coded missing: 4210 / 14807

tabulation:	Freq.	Numeric	Label
	131	1	OTITIS MEDIA 1
	259	2	OTHER 2
	48	3	BOTH 3
	10159	4	NORMAL 4

F17EAROM:

1. BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART II.
2. Not required for CYCLES 30, 31 and 33.

F17LNRL1 ----- RALES SITE

type: numeric (float)  
 label: F17LNRL1  
 range: [132,834] units: 1  
 unique values: 14 coded missing: 509 / 14807

tab:	Freq.	Numeric	Label	tab:	Freq.	Numeric	Label
	1	132			8	176	
	3	142			1	196	
	4	164			6	597	
	2	166			3	598	
	1	170			1	831	
	21	174			70	833	INCOMPLETE SITE
	2	175			14175	834	NO

F17LNRL1:

1. See Appendix F - BODY LOCATOR CHARTS / SITE CODE LISTS
2. Not required for CYCLE 30.
3. ONLY YES OR NO RESPONSE REQUIRED FOR VERSION DATES 31 and 33 - I.E., SITE CODE WAS NOT REQUIRED; CODE FOR YES IS '833', CODE FOR NO IS '834'.



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F17LNRN1 ----- RHONCHI SITE

```

      type: numeric (float)
      label: F17LNRN1
      range: [110,834]
      unique values: 17
      tabulation: Freq.  Numeric  Label
                   1      110
                   1      112
                   1      132
                   6      142
                   1      144
                   2      164
                   1      166
                  10      174
                   2      175
                   3      176
                   1      196
                   8      597
                   2      598
                   1      668
                   2      831
                   82      833  INCOMPLETE SITE
                  14172     834  NO
  
```

F17LNRN1:

1. See Appendix F - BODY LOCATOR CHARTS / SITE CODE LISTS
2. Not required for CYCLE 30.
3. ONLY YES OR NO RESPONSE REQUIRED FOR CYCLES 31 and 33 - I.E., SITE CODE WAS NOT REQUIRED; CODE FOR YES IS '833', CODE FOR NO IS '834'.

F17LNRN2 ----- RHONCHI SITE

```

      type: numeric (float)
      label: F17LNRN2
      range: [112,834]
      unique values: 10
      tabulation: Freq.  Numeric  Label
                   1      112
                   1      134
                   4      144
                   1      164
                   1      174
                   5      176
                   1      198
                   4      598
                   63      833  INCOMPLETE SITE
                  10488     834  NO
  
```

F17LNRN2:

1. See Appendix F - BODY LOCATOR CHARTS / SITE CODE LISTS
2. Not required for CYCLES 30, 31 and 33.

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F17LNRN3 ----- RHONCHI SITE

```

      type: numeric (float)
      label: F17LNRN3
      range: [100,834]                units: 1
unique values: 4                      coded missing: 4238 / 14807
  tabulation: Freq.  Numeric  Label
                1      100
                1      176
                79     833  INCOMPLETE SITE
                10488   834  NO
  
```

F17LNRN3:

1. See Appendix F - BODY LOCATOR CHARTS / SITE CODE LISTS
2. Not required for CYCLES 30, 31 and 33.

F17LNPD1 ----- PERCUSSION DULLNESS SITE

```

      type: numeric (float)
      label: F17LNPD1
      range: [142,834]                units: 1
unique values: 9                      coded missing: 513 / 14807
  tabulation: Freq.  Numeric  Label
                1      142
                1      143
                2      164
                8      174
                1      175
                6      176
                1      831
                21     833  INCOMPLETE SITE
                14253   834  NO
  
```

F17LNPD1:

1. See Appendix F - BODY LOCATOR CHARTS / SITE CODE LISTS
2. Not required for CYCLE 30.
3. ONLY YES OR NO RESPONSE REQUIRED FOR CYCLES 31 and 33 - I.E., SITE CODE WAS NOT REQUIRED; CODE FOR YES IS '833', CODE FOR NO IS '834'.

F17LNPD2 ----- PERCUSSION DULLNESS SITE

```

      type: numeric (float)
      label: F17LNPD2
      range: [174,834]                units: 1
unique values: 4                      coded missing: 4245 / 14807
  tabulation: Freq.  Numeric  Label
                2      174
                2      176
                26     833  INCOMPLETE SITE
                10532   834  NO
  
```

F17LNPD2:

1. See Appendix F - BODY LOCATOR CHARTS / SITE CODE LISTS
2. Not required for CYCLES 30, 31 and 33.

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---

F17LNPD3 ----- PERCUSSION DULLNESS SITE

type: numeric (float)  
label: F17LNPD3

range: [10,834] units: 1  
unique values: 3 coded missing: 4239 / 14807

tabulation:	Freq.	Numeric	Label
	5	10	
	30	833	INCOMPLETE SITE
	10533	834	NO

F17LNPD3:

1. See Appendix F - BODY LOCATOR CHARTS / SITE CODE LISTS
2. Not required for CYCLES 30, 31 and 33.

F17LNWZ1 ----- WHEEZING SITE

type: numeric (float)  
label: F17LNWZ1

range: [1,834] units: 1  
unique values: 14 coded missing: 511 / 14807

tabulation:	Freq.	Numeric	Label
	1	1	
	2	110	
	1	112	
	2	142	
	1	144	
	4	174	
	3	175	
	3	176	
	1	309	
	15	597	
	1	598	
	3	831	
	58	833	INCOMPLETE SITE
	14201	834	NO

F17LNWZ1:

1. See Appendix F - BODY LOCATOR CHARTS / SITE CODE LISTS
2. Not required for CYCLE 30.
3. ONLY YES OR NO RESPONSE REQUIRED FOR CYCLES 31 and 33 - I.E., SITE CODE WAS NOT REQUIRED; CODE FOR YES IS '833', CODE FOR NO IS '834'.





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F17BRTF1 ----- BREASTS, TANNER STAGING

type: numeric (float)  
 label: F17BRTF1

range: [1,5] units: 1  
 unique values: 5 coded missing: 13031 / 14807

tabulation:	Freq.	Numeric	Label
	422	1	I
	252	2	II
	221	3	III
	356	4	IV
	525	5	V

F17BRTF1:

1. Not required for CYCLES 26 and 30.
2. Required only for female 10-19 years

F17BRTF2 ----- BREASTS, AFTER AGE 20

type: numeric (float)  
 label: F17BRTF2

range: [1,2] units: 1  
 unique values: 2 coded missing: 12467 / 14807

tabulation:	Freq.	Numeric	Label
	2260	1	NORMAL
	80	2	ABNORMAL

F17BRTF2:

1. Not required for CYCLES 26 and 30.
2. Required only for female >=20 years

F17BRTM ----- GYNECOMASTIA MALES ONLY

type: numeric (float)  
 label: F17BRTM

range: [1,2] units: 1  
 unique values: 2 coded missing: 12073 / 14807

tabulation:	Freq.	Numeric	Label
	2650	1	NO
	84	2	YES

F17BRTM:

1. Not required for CYCLES 26, 30, 31 and 33.
2. Required only for males

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F17HRMRM ----- HEART MURMUR

```

      type: numeric (float)
      label: F17HRMRM
      range: [1,2]
      unique values: 2
      tabulation: Freq.  Numeric  Label
                  9907      1  PRESENT
                  4375      2  ABSENT
      units: 1
      coded missing: 525 / 14807
  
```

F17HRMRM:

1. Not required for CYCLE 30.

F17HRMTP ----- HEART MURMUR TYPE

```

      type: numeric (float)
      label: F17HRMTP
      range: [0,4]
      unique values: 5
      tabulation: Freq.  Numeric  Label
                  28      0
                  9277     1  SYSTOLIC 1
                  462      2  DIASTOLIC 2
                  80      3  BOTH 3
                  4337     4  NONE 4
      units: 1
      coded missing: 623 / 14807
  
```

F17HRMTP:

1. Not required for CYCLE 30.
2. Required only if F17HRMRM=1
3. BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART II.

F17LVRSZ ----- LIVER - CM BELOW RCM

```

      type: numeric (float)
      range: [0,50]
      unique values: 23
      tabulation: Freq.  Value
                  6145  0
                  897   1
                  1370  2
                  859   3
                  633   4
                  343   5
                  188   6
                  109   7
                  114   8
                  43    9
                  70   10
      units: 1
      coded missing: 3961 / 14807
      tabulation: Freq.  Value
                  21   11
                  21   12
                   9   13
                   6   14
                   3   15
                   1   16
                   1   17
                   6   20
                   1   23
                   3   25
                   2   30
                   1   50
  
```

F17LVRSZ:

1. Not required for CYCLE 30.
2. COLLECTION PROBLEM WITH LIVER SIZE VALUES OF '0' FOR CYCLE 26.

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---

F17LVRTN ----- LIVER TENDERNESS

type: numeric (float)  
label: F17LVRTN  
  
range: [1,2] units: 1  
unique values: 2 coded missing: 634 / 14807  
  
tabulation: Freq. Numeric Label  
13818 1 ABSENT  
355 2 PRESENT

F17LVRTN:  
1. Not required for CYCLE 30.

F17SPLP ----- PALPABLE SPLEEN

type: numeric (float)  
label: F17SPLP  
  
range: [1,3] units: 1  
unique values: 3 coded missing: 535 / 14807  
  
tabulation: Freq. Numeric Label  
12769 1 NO  
1495 2 YES  
8 3 SPLENECTOMIZED

F17SPLP:  
1. Not required for CYCLE 30.

F17SPLTP ----- SPLEEN - CM TIP PALPATED BELOW LCM

type: numeric (float)  
  
range: [-8,33] units: 1  
unique values: 18 coded missing: 13234 / 14807  
  
tabulation: Freq. Value tabulation: Freq. Value  
4 -8 36 8  
97 0 12 9  
264 1 18 10  
387 2 6 11  
275 3 5 12  
189 4 1 13  
165 5 1 14  
73 6 1 15  
38 7 1 33

F17SPLTP:  
1. Not required for CYCLE 30.  
2. Required only if F17SPLP=2

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F17SPLDI ----- SPLEEN - CM FROM MIDLINE

type: numeric (float)

range: [0,74]

units: 1

unique values: 22

coded missing: 13519 / 14807

tabulation:

Freq.	Value
117	0
108	1
121	2
153	3
157	4
123	5
136	6
101	7
110	8
42	9
67	10

tabulation:

Freq.	Value
7	11
19	12
6	13
2	14
11	15
1	17
3	18
1	20
1	22
1	31
1	74

F17SPLDI:

1. Not required for CYCLE 30.
2. Required only if F17SPLP=2

F17SPLTN ----- SPLEEN TENDERNESS

type: numeric (float)

label: F17SPLTN

range: [1,2]

units: 1

unique values: 2

coded missing: 818 / 14807

tabulation:

Freq.	Numeric	Label
13877	1	ABSENT
112	2	PRESENT

F17SPLTN:

1. Not required for CYCLE 30.

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---

F17GNMTR ----- SIZE RIGHT TESTE

          type: numeric (float)  
          label: F17GNMTR  
          range: [1,4]                                units: 1  
unique values: 4                                coded missing: 11963 / 14807

tabulation:	Freq.	Numeric	Label
	33	1	SMALL 1
	8	2	OTHER 2
	4	3	BOTH 3
	2799	4	NORMAL 4

F17GNMTR:

1. Not required for CYCLES 26, 30, 31 and 33.
2. Required only for males
3. BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART II.

F17GNMTL ----- SIZE LEFT TESTE

          type: numeric (float)  
          label: F17GNMTL  
          range: [1,4]                                units: 1  
unique values: 4                                coded missing: 11973 / 14807

tabulation:	Freq.	Numeric	Label
	31	1	SMALL 1
	14	2	OTHER 2
	2	3	BOTH 3
	2787	4	NORMAL 4

F17GNMTL:

1. Not required for CYCLES 26, 30, 31 and 33.
2. Required only for males
3. BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART II.

F17GNMPI ----- PHALLUS INDURATION

          type: numeric (float)  
          label: F17GNMPI  
          range: [1,2]                                units: 1  
unique values: 2                                coded missing: 12383 / 14807

tabulation:	Freq.	Numeric	Label
	2400	1	NO INDURATION
	24	2	INDURATION

F17GNMPI:

1. Not required for CYCLES 27, 29, 30, 31 and 33.
2. Required only for males.

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F17GNMTS ----- TANNER STAGING OF PHALLUS

type: numeric (float)  
 label: F17GNMTS

range: [1,5] units: 1

unique values: 5 coded missing: 13063 / 14807

tabulation:	Freq.	Numeric	Label
	480	1	I
	300	2	II
	202	3	III
	256	4	IV
	506	5	V

F17GNMTS:

1. Not required for CYCLES 26 and 30.
2. Required only for male 10-19 years

F17GNMOT ----- PHALLUS - OTHER

type: numeric (float)

range: [1,2] units: 1

unique values: 2 coded missing: 10546 / 14807

tabulation:	Freq.	Value
	4216	1
	45	2

F17GNMOT:

1. Not required for CYCLES 27, 29, 30, 31 and 33.
2. Required only for males

F17GNMPH ----- TANNER STAGING OF PUBIC HAIR (MALES)

type: numeric (float)  
 label: F17GNMPH

range: [1,5] units: 1

unique values: 5 coded missing: 13101 / 14807

tabulation:	Freq.	Numeric	Label
	575	1	I
	249	2	II
	165	3	III
	245	4	IV
	472	5	V

F17GNMPH:

1. Not required for CYCLES 26 and 30.
2. Required only for male 10-19 years

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F17GNFPH ----- TANNER STAGING OF PUBIC HAIR (FEMALES)

type: numeric (float)  
label: F17GNFPH

range: [1,5] units: 1  
unique values: 5 coded missing: 13150 / 14807

tabulation:	Freq.	Numeric	Label
	395	1	I
	219	2	II
	211	3	III
	334	4	IV
	498	5	V

F17GNFPH:

1. Not required for CYCLES 26 and 30.
2. Required only for female 10-19 years

F17SKFA ----- FACIAL ACNE

type: numeric (float)  
label: F17SKFA

range: [1,2] units: 1  
unique values: 2 coded missing: 9138 / 14807

tabulation:	Freq.	Numeric	Label
	5356	1	ABSENT
	313	2	PRESENT

F17SKFA:

1. Not required for CYCLES 26, 30, 31 and 33.

F17EXLEE ----- LOWER EXTREMITY EDEMA

type: numeric (float)  
label: F17EXLEE

range: [0,4] units: 1  
unique values: 5 coded missing: 11112 / 14807

tabulation:	Freq.	Numeric	Label
	1	0	PRESENT 0
	19	1	RIGHT 1
	18	2	LEFT 2
	44	3	BOTH 3
	3613	4	ABSENT 4

F17EXLEE:

1. Not required for CYCLES 26, 27, 29 and 30.
2. BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART II.

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F170PF ----- OTHER PHYSICAL FINDINGS

type: numeric (float)  
label: F170PF

range: [1,2] units: 1  
unique values: 2 coded missing: 4568 / 14807

tabulation:	Freq.	Numeric	Label
	7128	1	NO
	3111	2	YES

F170PF:

1. Not required for CYCLES 30, 31 and 33.

F17NEU ----- NEURO. EXAM INDICATED

type: numeric (float)  
range: [1,2]

unique values: 2 units: 1  
coded missing: 6256 / 14807

tabulation:	Freq.	Value
	8250	1
	301	2

F17NEU:

1. Not required for CYCLES 27, 29 and 30.



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F17CBCHB ----- CBC HB (GM|DL)

type: numeric (float)  
range: [3.3,17.2] units: .1  
unique values: 128 coded missing: 560 / 14807  
mean: 9.23799  
std. dev: 1.87299

percentiles:        10%        25%        50%        75%        90%  
                      7.1        7.8        8.9        10.5       11.8

F17CBCHC ----- CBC HCT (%)

type: numeric (float)  
range: [10.5,52.7] units: .1  
unique values: 349 coded missing: 572 / 14807  
mean: 27.1389  
std. dev: 6.00467

percentiles:        10%        25%        50%        75%        90%  
                      20.2       22.7        26        31        35.6

F17CBCRB ----- CBC RBC (X 10(12)|L)

type: numeric (float)  
range: [.91,6.64] units: .01  
unique values: 477 coded missing: 609 / 14807  
mean: 3.18995  
std. dev: .903892

percentiles:        10%        25%        50%        75%        90%  
                      2.19       2.49       2.97       3.83       4.51

F17CBCWB ----- CBC WBC (X 10(9)|L)

type: numeric (float)  
range: [2.2,92.6] units: .1  
unique values: 279 coded missing: 573 / 14807  
mean: 11.092  
std. dev: 4.23744

percentiles:        10%        25%        50%        75%        90%  
                      6.3        8.2        10.6       13.4       16.2

F17BCMV ----- CBC MCV (FL)

type: numeric (float)  
range: [32,126] units: 1  
unique values: 79 coded missing: 656 / 14807  
mean: 86.7146  
std. dev: 10.1202

percentiles:        10%        25%        50%        75%        90%  
                      73        80        87        93        99

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F17CBCMH ----- CBC MCH (PG)

type: numeric (float)  
 range: [20,41.3] units: .1  
 unique values: 154 coded missing: 2403 / 14807  
 mean: 29.0844  
 std. dev: 3.43572  
  
 percentiles: 10% 25% 50% 75% 90%  
                   24.1 26.7 29.5 31.7 33.4

F17CBCMH:

1. Computed variable: F17CBCMH=(F17CBCHB/F17CBCHR)\*10

F17DFPMN ----- DIFFERENTIAL PMNS (%)

type: numeric (float)  
 range: [0,95] units: 1  
 unique values: 89 coded missing: 1192 / 14807  
 mean: 52.4275  
 std. dev: 12.6205  
  
 percentiles: 10% 25% 50% 75% 90%  
                   36 44 53 61 69

F17DFPMN:

1. Not required for CYCLE 30.

F17DFEOS ----- DIFFERENTIAL EOS (%)

type: numeric (float)  
  
 range: [0,46] units: 1  
 unique values: 34 coded missing: 1393 / 14807  
  
 mean: 3.44543  
 std. dev: 3.42516  
  
 percentiles: 10% 25% 50% 75% 90%  
                   0 1 3 5 8

F17DFEOS:

1. Not required for CYCLE 30.

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F17DFBAS ----- DIFFERENTIAL BASOS (%)

type: numeric (float)

range: [0,76] units: 1

unique values: 34 coded missing: 2040 / 14807

mean: .63766

std. dev: 1.99061

percentiles:	10%	25%	50%	75%	90%
	0	0	0	1	2

F17DFBAS:

1. Not required for CYCLE 30.

F17DFLYM ----- DIFFERENTIAL LYMPHS (%)

type: numeric (float)

range: [0,84] units: 1

unique values: 85 coded missing: 1229 / 14807

mean: 35.424

std. dev: 12.0622

percentiles:	10%	25%	50%	75%	90%
	20	27	35	43	51

F17DFLYM:

1. Not required for CYCLE 30.

F17DFMON ----- DIFFERENTIAL MONOS (%)

type: numeric (float)

range: [0,91] units: 1

unique values: 44 coded missing: 1327 / 14807

mean: 7.08412

std. dev: 4.45346

percentiles:	10%	25%	50%	75%	90%
	2	4	7	10	13

F17DFMON:

1. Not required for CYCLE 30.

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F17DFATC ----- DIFFERENTIAL ATYPICAL CELLS (%)

type: numeric (float)

range: [0,35] units: 1

unique values: 28 coded missing: 2493 / 14807

mean: .596394

std. dev: 1.88774

percentiles:       10%       25%       50%       75%       90%

                  0           0           0           0           2

F17DFATC:

1. Not required for CYCLE 30.

F17DFMM ----- DIFFERENTIAL METAMYEL & MYELOCYTES (%)

type: numeric (float)

range: [0,10] units: 1

unique values: 11 coded missing: 2839 / 14807

mean: .07988

std. dev: .471786

percentiles:       10%       25%       50%       75%       90%

                  0           0           0           0           0

F17DFMM:

1. Not required for CYCLE 30.

F17NRB ----- NUCLEATED RED BLOOD CELLS (|100 WBC)

type: numeric (float)

range: [0,80] units: 1

unique values: 64 coded missing: 5165 / 14807

mean: 1.92792

std. dev: 5.14715

percentiles:       10%       25%       50%       75%       90%

                  0           0           0           2           5

F17NRB:

1. Not required for CYCLE 30, 31 and 33.
2. FOR CYCLES 31 and 33 SEE F17NRBC2.

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F17NRBC2 ----- NUCLEATED RED BLOOD CELLS (|100 WBC)  
 type: numeric (float)  
 range: [0,390] units: 1  
 unique values: 64 coded missing: 11445 / 14807  
 mean: 2.65705  
 std. dev: 11.0821  
 percentiles: 10% 25% 50% 75% 90%  
                   0 0 0 2 5

F17NRBC2:  
 1. Not required for CYCLES 26, 27, 29 and 30.

F17PLATE ----- PLATELETS (X 10(9)|L)  
 type: numeric (float)  
 range: [0,1458] units: 1  
 unique values: 799 coded missing: 6002 / 14807  
 mean: 396.125  
 std. dev: 154.543  
 percentiles: 10% 25% 50% 75% 90%  
                   209 288 388 486 591

F17PLATE:  
 1. Not required for CYCLES 26 and 30.

F17RETIC ----- RETICULOCYTES (%)  
 type: numeric (float)  
 range: [0,64.1] units: .1  
 unique values: 392 coded missing: 861 / 14807  
 mean: 10.2146  
 std. dev: 7.19604  
 percentiles: 10% 25% 50% 75% 90%  
                   2.4 4.7 9 14 19.9

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F17ISC ----- ISC (%)

type: numeric (float)

range: [0,40] units: 1

unique values: 41 coded missing: 13077 / 14807

mean: 8.77803

std. dev: 8.55171

percentiles:      10%      25%      50%      75%      90%

                  0            2            6            13          22

- F17ISC:
1. Not required for CYCLES 29, 30 31 and 33.
  2. DISCONTINUED 06/80 FOR CYCLES 26 and 27.
  3. Required only if F17VDATE < 06/01/80

F17HJB ----- HOWELL-JOLLY BODIES

type: numeric (float)

label: F17HJB

range: [1,2] units: 1

unique values: 2 coded missing: 1852 / 14807

tabulation: Freq.    Numeric    Label

              6392        1    PRESENT

              6563        2    ABSENT

- F17HJB:
1. Not required for CYCLE 33.

F17PRBC ----- POKED RED BLOOD CELLS (%)

type: numeric (float)

range: [0,56.4] units: .1

unique values: 253 coded missing: 11776 / 14807

mean: 11.2803

std. dev: 8.05173

percentiles:      10%      25%      50%      75%      90%

                  1.6        4.6        10.6      16.2      21.8

- F17PRBC:
1. Computed variable: Calculated on the SIR database by searching through RECORD 7s which had dates within +- 3 days of F17DATE and making F17PRBC equal to the F07PIT value if a RECORD 7 within this time period was found.
  2. Required only if F17DATE < 12/01/83 or (F17DATE > 11/30/83 AND previous pit counts < 5%)

**MODIFIED**

**CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
USED THROUGH 02/84 - FORMS 17, 19, 20, 21, 22, 24 - PAGE 10**  
CSSCD FULL COHORT PATIENTS

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F17HGBF ----- HGB F (%)

type:	numeric (float)	units:	.1		
range:	[0,86]	coded missing:	10067 / 14807		
unique values:	279				
mean:	6.58209				
std. dev:	6.3738				
percentiles:	10%	25%	50%	75%	90%
	1	2.1	4.9	9	14.5

- F17HGBF:
1. Not required for CYCLES 30, 31 and 33.
  2. Required only if age < 10 years
  3. See LIST OF QUESTIONABLE VALUES at the end of the codebook.

F17DFBND ----- DIFFERENTIAL BANDS (%)

type:	numeric (float)	units:	1		
range:	[0,68]	coded missing:	11160 / 14807		
unique values:	31				
mean:	1.44118				
std. dev:	3.46842				
percentiles:	10%	25%	50%	75%	90%
	0	0	0	2	4

- F17DFBND:
1. Not required for CYCLES 26, 27, 29 and 30.
  2. FOR CYCLES 26, 27 and 29, VALUE ENTERED IF WRITTEN IN ON FROM; OTHERWISE % BANDS ARE INCLUDED WITH % PMN (F17DFPMN).

**CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
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---

F17URPH ----- URINALYSIS PH

```

      type: numeric (float)
      range: [4,9]
unique values: 30
      units: .1
      coded missing: 6151 / 14807

      mean: 5.82205
      std. dev: .838717

      percentiles:    10%    25%    50%    75%    90%
                     5      5      6      6      7
  
```

F17URPH:

1. Not required for CYCLES 26 and 30.
2. Required only age >= 3 years

F17URGLC ----- URINALYSIS GLUCOSE

```

      type: numeric (float)
      label: F17URGLC
      range: [1,5]
unique values: 5
      units: 1
      coded missing: 6084 / 14807

      tabulation: Freq.  Numeric  Label
                  8646      1  NEGATIVE
                  60       2  1+
                   6       3  2+
                   6       4  3+
                   5       5  4+
  
```

F17URGLC:

1. Not required for CYCLES 26 and 30.
2. Required only if age >= 3 years

F17URPRO ----- URINALYSIS PROTEIN

```

      type: numeric (float)
      label: F17URPRO
      range: [1,6]
unique values: 6
      units: 1
      coded missing: 6075 / 14807

      tabulation: Freq.  Numeric  Label
                  7661      1  NEGATIVE
                   455      2  TRACE
                   344      3  1+
                   107      4  2+
                   112      5  3+
                   53       6  4+
  
```

F17URPRO:

1. Not required for CYCLES 26 and 30.
2. Required only if age >= 3 years



**CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
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---

F17URSG ----- URINALYSIS SPECIFIC GRAVITY

type: numeric (float)

range: [.01,1.1] units: .001

unique values: 36 coded missing: 9632 / 14807

mean: 1.01099

std. dev: .019985

percentiles: 10% 25% 50% 75% 90%

1.008 1.01 1.011 1.013 1.015

- F17URSG:
1. Not required for CYCLES 26, 30, 31 and 33.
  2. Required only if age >= 3 years

F17URMRH ----- URINALYSIS > 5 RBC|HPF

type: numeric (float)

label: F17URMRH

range: [1,2] units: 1

unique values: 2 coded missing: 6090 / 14807

tabulation: Freq. Numeric Label

238	1	PRESENT
8479	2	ABSENT

- F17URMRH:
1. Not required for CYCLES 26 and 30.
  2. Required only if age >= 3 years

F17URMWH ----- URINALYSIS > 5 WBC|HPF

type: numeric (float)

label: F17URMWH

range: [1,2] units: 1

unique values: 2 coded missing: 6097 / 14807

tabulation: Freq. Numeric Label

1023	1	PRESENT
7687	2	ABSENT

- F17URMWH:
1. Not required for CYCLES 26 and 30.
  2. Required only if age >= 3 years

**CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
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---

F17URMCH ----- URINALYSIS CASTS-HPF

type: numeric (float)  
label: F17URMCH

range: [0,16] units: 1  
unique values: 11 coded missing: 9502 / 14807

tabulation:	Freq.	Numeric	Label
	11	0	
	4	1	RBC 1
	8	2	WBC 2
	2	3	
	45	4	GRANULAR 4
	2	6	
	57	8	HYALINE 8
	52	12	
	1	14	
	1	15	
	5122	16	ABSENT 16

F17URMCH:

1. Not required for CYCLES 26, 30, 31 and 33.
2. Required only if age >= 3 years
3. BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART II.

F17URCPN ----- URINE CULTURE

type: numeric (float)  
label: F17URCPN

range: [1,2] units: 1  
unique values: 2 coded missing: 7549 / 14807

tabulation:	Freq.	Numeric	Label
	448	1	POSITIVE
	6810	2	NEGATIVE

F17URCPN:

1. Not required for CYCLES 26, 30 and 33.
2. Required only if age >= 3 years

**CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
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---

F17URCL1 ----- POSITIVE URINE CULTURE ORGANISM

type: numeric (float)  
label: F17URCL1

range: [-1,9999] units: 1  
unique values: 30 coded missing: 14397 / 14807

tabulation:	Freq.	Numeric	Label
	1	-1	
	1	15	
	1	100	
	12	110	
	10	120	
	1	121	
	8	130	
	1	140	
	1	150	
	9	160	
	1	180	
	5	202	
	2	203	
	1	400	
	176	401	
	1	404	
	19	408	
	5	410	
	3	412	
	1	601	
	1	610	
	1	800	
	2	900	
	1	1000	
	1	1200	
	12	1400	
	1	4000	
	77	9000	
	41	9997	CONTAMINATED CULTURE
	14	9999	

F17URCL1:

1. See Appendix H - PATHOGEN LIST
2. Not required for CYCLES 26, 30 and 33.
3. Required only if age >= 3 years

**CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
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CSSCD FULL COHORT PATIENTS**

F17URCL2 ----- POSITIVE URINE CULTURE ORGANISM

```

      type: numeric (float)
      label: F17URCL2
      range: [110,9999]
      unique values: 10
      tabulation: Freq.   Numeric   Label
                   1       110
                   1       120
                   1       150
                   2       202
                   2       401
                   1       408
                   2       412
                   11      9000
                   1       9997  CONTAMINATED CULTURE
                   2       9999
      units: 1
      coded missing: 14783 / 14807
  
```

F17URCL2:

1. See Appendix H - PATHOGEN LIST
2. Not required for CYCLES 26, 30 and 33.
3. Required only if age >= 3 years

F17BUN ----- BUN (MG|DL)

```

      type: numeric (float)
      range: [1,116]
      unique values: 71
      mean: 8.95657
      std. dev: 5.99039
      percentiles: 10%    25%    50%    75%    90%
                   5      6      8      10     13
      units: 1
      coded missing: 5989 / 14807
  
```

F17BUN:

1. Not required for CYCLES 26 and 30.
2. Required only if age >= 3 years

F17CRTN ----- CREATININE (MG|DL)

```

      type: numeric (float)
      range: [.1,13]
      unique values: 61
      mean: .679556
      std. dev: .51893
      percentiles: 10%    25%    50%    75%    90%
                   .4     .5     .6     .8     1
      units: .1
      coded missing: 5988 / 14807
  
```

F17CRTN:

1. Not required for CYCLES 26 and 30.
2. Required only if age >= 3 years

CODEBOOK FOR ROUTINE FOLLOW-UP (Interim/Annual) VISIT FORMS  
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CSSCD FULL COHORT PATIENTS

---

F17URA ----- URIC ACID (MG|DL)  
          type: numeric (float)  
  
          range: [.1,20.5]                          units: .1  
unique values: 139                          coded missing: 7331 / 14807  
  
          mean: 5.43546  
          std. dev: 1.81981  
  
percentiles:          10%          25%          50%          75%          90%  
                          3.5          4.2          5.1          6.4          7.8

- F17URA:
1. Not required for CYCLES 26, 30 and 33.
  2. Required only if age >= 3 years



**4.6: Extension Annual Clinic Visit Form – Form 25**

F12ALKPH ----- LIVER ALKALINE PHOSPHATASE (UNITS)

type: numeric (float)

range: [4,999] units: 1  
unique values: 408 coded missing: 10116 / 14807

mean: 146.003  
std. dev: 89.1398

percentiles:	10%	25%	50%	75%	90%
	60	82	127	188	250

F12ALKPH:

1. A value of 999 was entered if the value was  $\geq 1000$
2. If CLINIC=C or D, need to convert  $F12ALKPH = F12ALKPH / 0.87$
3. Required only if F17CYCLE=29 or 31

F12LDH ----- LIVER LDH (MG|DL)

type: numeric (float)

range: [3,999] units: 1  
unique values: 809 coded missing: 10350 / 14807

mean: 416.504  
std. dev: 223.783

percentiles:	10%	25%	50%	75%	90%
	152	243	373	559	748

F12LDH:

1. A value of 999 was entered if the value was  $\geq 1000$
2. If CLINIC=C or D, need to convert  $F12LDH = F12LDH * 2.7$
3. Required only if F17CYCLE=29 or 31

F12TPRO ----- LIVER TOTAL PROTEIN (G|DL)

type: numeric (float)

range: [.5,97] units: .1  
unique values: 72 coded missing: 10214 / 14807

mean: 7.43586  
std. dev: 1.48984

percentiles:	10%	25%	50%	75%	90%
	6.7	7	7.4	7.8	8.2





**4.6: Extension Annual Clinic Visit Form – Form 25**

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<b>Form #</b>	<b>Type of Visit</b>	<b>Cycle #</b>	<b>See Section</b>
11, 12	Intake at age 2	25	4.3, 4.4
19	1 <sup>st</sup> annual	27	4.5
20	2 <sup>nd</sup> annual	29	4.5
21, 22	3 <sup>rd</sup> annual	31	4.5
24	4 <sup>th</sup> annual	33	4.5

Physical examination and laboratory methods are described in Chapter 10 of the **Manual of Operations (MOO)** which is appended [See Appendix E].

M. Data Collection Period: 03/84-09/88

N. Form Version Dates: 01/20/84, 03/10/84, 07/15/86

O. Files Used to Store Information:

SAS System File: **R25.SD2**

Format File: **R25.FMT**

P. Unique Record Identifiers: **ANONID, F25CYCLE**

Records within the dataset are sorted by **ANONID** and **F25CYCLE** (type of visit).

Q. Number of Observations (Patients) in SAS Dataset: 8747 (3205)

R. Contents of SAS Dataset Contents of SAS Dataset:

- Alphabetical Listing of Variables: See pp. 251-254
- Listing of Variables by Position: See pp. 255-258

H. Notes About Selected Variables:

- **History variables** – Unlike the history questions on earlier forms used for collection of routine visit data which asked about # of outside visits for events “since the last

**4.6: Extension Annual Clinic Visit Form – Form 25**

---

scheduled visit,” responses to the history questions on Form 25 were to include both # of visits to the participating clinical center and # of visits to outside facilities “within the past 12 months.”

- **F25TRANS** – is the variable name for whether the patient was transfused. On form versions 01/20/84 and 03/10/84, the question is whether the patient was transfused within 4 months preceding the visit; on form version 07/15/86, the question is whether the patient was transfused within 12 months preceding the visit. Questions regarding number of transfusions and sensitization to red cell antigens were collected on only the 07/15/86 version of Form 25 and are stored in **R25A.SD2**.
- **Date variables** – The following date variables are 4-digit integers with date format MMYT:  
**F25GALD2, F25PNEDT, F25FLUDT, F25MENM, F25MENHY, F25MENDT, F25PRGT, F25PELDT**
- **F25CBCWB** – is the variable name for CBC white blood cell count. This value should be uncorrected for nucleated RBCs. However, there is really no way of knowing whether clinics adhered to the policy of recording WBCs which were uncorrected for nucleated RBCs.
- **F25ALKPH** – is the variable name for the alkaline phosphatase. The field length for this variable is only three digits. If the value was  $\geq 1000$ , a value of 999 was entered.
- **Liver Function Tests Performed at Clinics C and D** – The units of measurement used for recording results of SGOT and alkaline phosphatase at Clinics C and D were not the same as those requested on Form 25. Consequently, LFT values for patients at Clinics C and D only must be converted for these two variables:

<u>Variable</u>	<u>Conversion Formula</u>
F25SGOT	$F25SGOT = F25SGOT \times 0.3$
<u>F25ALKPH</u>	$F25ALKPH = F25ALKPH / 0.87$

- **F25FORM** – This variable was not used.

4.6: Extension Annual Clinic Visit Form – Form 25

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I. Computed Variables:

- **F25CBCMH** – is the variable name for MCH. The value for this variable is missing in all records. The value can be computed:

$$\mathbf{F25CBCMH} = (\mathbf{F25CBCHB} / \mathbf{F25CBCRB}) * 10$$

- **F25PRBC** – is the variable name for pocked red blood cells. Blood samples for this test were sent to Yale for evaluation. Results were forwarded from Yale to the SCC for entry into the database. The results are stored in SAS dataset **R07.SD2** [See Section 5.2]. The value of **F25PRBC** was calculated by searching through “Record” 7s which had dates within  $\pm 3$  days of **F25DATE** and making **F25PRBC** equal to the **F07PIT** value if a “Record 7” within this time period was found.

J. Inter-Relationship With Other Datasets:

1. Routine (“steady-state”) physical exam and/or laboratory data was also collected on:

<b>Phase 1 Forms</b>	<b>SAS Dataset</b>
Form 16	<b><u>R16.SD2</u></b>
Form 16E	<b><u>R24.SD2</u></b>
Form 11	<b><u>R1121.SD2</u></b>
Form 12	<b><u>R1222.SD2</u></b>
Form 17	<b><u>R1722.SD2</u></b>
Form 19	<b><u>R1722.SD2</u></b>
Form 20	<b><u>R1722.SD2</u></b>
Form 21	<b><u>R1722.SD2</u></b>
Form 22	<b><u>R1722.SD2</u></b>
Form 24	<b><u>R1722.SD2</u></b>

[See Section 4.0-Overview]

<b>Phase 2 &amp; 3 Forms</b>	<b><u>SAS Dataset</u></b>
Form “PEP”	<b><u>PEP_PST.SD2</u></b>
Form “LAB”	<b><u>LAB_PST.SD2</u></b>

[See Section B.1]

2. Variables for the following transfusion-related questions on the 07/15/86 version only of Form 25 are stored in **R25A.SD2** [See Section 4.7]:

**4.6: Extension Annual Clinic Visit Form – Form 25**  
**F25NTRN, F25SENS, F25ANTG1-4, F25CHEL**

---

3. The birth control pill variable (**F25BCPN**) which was collected on only the 07/15/86 version of Form 25 is stored in **R25A.SD2** [See Section 4.7].
4. Forms\* used for collecting data at the time of a clinical event for events reported in the history section of Form 25 are:

<b>Form #(s)</b>	<b>SAS Datasets</b>	<b>Clinical Event</b>	<b>See Section</b>
54, 53	<b><u>R61.SD2, R53.SD2</u></b>	Pain	7.1, 7.9
32, 32E, 53	<b>R32.SD2, R43.SD2, R53.SD2, R63.SD2</b>	Acute Chest	7.2, 7.9
46, 53	<b>R46.SD2, R53.SD2</b>	Acute Anemic	7.6, 7.9
34, 53	<b>R34.SD2, R53.SD2</b>	Right Upper Quadrant	7.3, 7.9
83	<b>R83.SD2</b>	Surgery	9.1
84	<b>R84.SD2</b>	Transfusion	9.2
50, 51, 50E, 51E, 57, 53	<b>R50.SD2, R51.SD2, R80.SD2, R81.SD2, R57.SD2, R53.SD2</b>	Priapism	7.8, 7.9
90	<b>R90.SD2</b>	PID	9.3

\* NOTE: For patients entered at  $\geq 6$  months of age, collection of clinical event data was discontinued in May 1986. As a result, confirmation of occurrence of an event cannot be obtained after May 1986. In addition, 1) clinical event forms were not required at any time during the study for events which occurred outside of CSSCD study institutions and 2) clinical event forms were not required for semi-protocol patients (**PTYPE=2**).

5. Completion of one or more of the following forms, in addition to Form 25, was dependent upon the response on Form 25:

<b>Form # (s)</b>	<b>SAS Datasets</b>	<b>Form Required If</b>	<b>See Section</b>
82*	<b><u>R82.SD2</u></b>	<b>F25PREGS=2</b>	9.4
82, 14*	<b><u>R82.SD2</u> <u>R14.SD2</u></b>	<b>F25PREGH=4</b>	9.4

4.6: Extension Annual Clinic Visit Form – Form 25

**R29.SD2**

90*	<b><u>R90.SD2</u></b>	<b>F25PELVH=2</b>	9.3
57*	<b><u>R57.SD2</u></b>	<b>F25PRIA1 &gt; 1 or F25PRIA2 &gt; 1 or F25PRIAC=2</b>	7.8
60*	<b><u>R60.SD2</u></b>	<b>F25LU=2</b>	8.3
13**	<b><u>R23.SD2</u></b>	<b>F25NEU=2</b>	6.1

\* NOTE: not required for events occurring after 05/86 if entry age of patient was  $\geq$  6 months of age.

\*\* **R09.SD2** variables **MENSTAT**, **SEIZSTAT**, **CVASTAT**, and existence of records in **R40.SD2**, **R42.SD2**, **R44.SD2**, and **R53.SD2** (neurologic event section completed) can be used to determine whether a neurologic exam was indicated.

6. Results of tests performed at Central Laboratories are stored in:

<b>SAS Dataset</b>	<b>Test Results</b>	<b>See Section</b>
<b>R06.SD2</b>	Hemoglobin electrophoresis results from CDC	5.1
<b>R07.SD2</b>	Pocked RBC results from Yale*	5.2
<b>R04.SD2</b>	$\alpha$ -globin gene mapping & $\beta^s$ haplotyping results from Dr. Embury's lab	5.6

\* Note: if the "Record" 7 date (**F07DATE**) was within 3 days of **F25DATE**, the PRBC result is stored in **R25.SD2 (F25PRBC)** as well as **R07.SD2 (F07PIT)**.

Routine visit status variables [**INF2**, **ANN1**, **ANN2**, **ANN3**, **ANN4**, **ANN5**, **ANN6**, **ANN7**, **ANN8**, **ANN9**] are stored in **R09.SD2**. These variables summarize the status of each type of routine visit. An edit program was run monthly to determine whether an interim or annual visit was due. The routine visit status variable was updated to "9" if the visit was due. In the same program, "Records" 17 and 25 were searched to determine which visits

#### 4.6: Extension Annual Clinic Visit Form – Form 25

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were done. The appropriate visit status variable was updated to “1” (“loaded”) if a record with the corresponding cycle # was found—e.g., if **ANN6**=9 and a “Record” 25 with **F25CYCLE**=37 was located during the search, **ANN6** was updated to “1”. Values of 2-8 for the routine visit status variables were based on information provided by the clinics on the monthly calendars returned to the SCC.

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM**

CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R25.SD2  
 DATA FROM CSSCD FORM 25 - EXTENSION ANNUAL CLINIC VISIT FORM  
 USED FROM 3/84 THROUGH 9/88  
 VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION  
 IN THE SAS DATASET AND ON FORM 25

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The CONTENTS Procedure

Data Set Name	OUT1.R25	Observations	8747
Member Type	DATA	Variables	128
Engine	V9	Indexes	0
Created	14:57 Wednesday, September 27, 2006	Observation Length	1024
Last Modified	14:57 Wednesday, September 27, 2006	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	585
First Data Page	2
Max Obs per Page	15
Obs in First Data Page	15
Number of Data Set Repairs	0
File Name	O:\decastat\EBP\CSSCD\Phase 1 LAD DEV\sd2anon\r25.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 #
108	F25ALKPH	Num	8	ALKALINE PHOSPHATASE (UNITS)
106	F25BLRBN	Num	8	TOTAL BILIRUBIN (MG DL)
72	F25BPD	Num	8	DIASTOLIC BLOOD PRESSURE
71	F25BPS	Num	8	SYSTOLIC BLOOD PRESSURE
77	F25BRTF1	Num	8	BREASTS, TANNER STAGING
78	F25BRTF2	Num	8	BREASTS, AFTER AGE 20
92	F25CBCHB	Num	8	CBC HB (G DL)
93	F25CBCHC	Num	8	CBC HCT (%)
97	F25CBCMH	Num	8	CBC MCH
96	F25CBCMV	Num	8	CBC MCV (FL)
94	F25CBCRB	Num	8	CBC RBC (X 10(12) L)
95	F25CBWB	Num	8	CBC WBC (X 10(9) L)
49	F25CONT	Num	8	USED CONTRACEPTIVE
50	F25CONTH	Num	8	TYPE OF CONTRACEPTIVE
105	F25CRTN	Num	8	CREATININE (MG DL)
2	F25CYCLE	Num	8	CYCLE NUMBER

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM**

CSSCD FULL COHORT PATIENTS

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8	F25DAYPE	Num	8	PAINFUL EPISODE MISSED DAYS
4	F25ERPE	Num	8	ER VISITS FOR PAINFUL EPISODES
9	F25ERPNE	Num	8	ER VISITS FOR PNEUMONIA
14	F25ERRUQ	Num	8	ER VISITS FOR RUQ PAIN
30	F25FLU	Num	8	INFLUENZA B IMMUNIZATION
31	F25FLUMR	Num	8	FLU IMMUN. CONFIRMED
110	F25FORM	Num	8	FORM DATA IS FROM
12	F25GALB1	Num	8	GALL BLADDER REMOVED LAST 12 MONTHS
13	F25GALB2	Num	8	GALL BLADDER EVER REMOVED
89	F25GNFPH	Num	8	TANNER STAGING OF PUBIC HAIR



**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM**  
 CSSCD FULL COHORT PATIENTS

The SAS System

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The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
88	F25GNMPH	Num	8	TANNER STAGING OF PUBIC HAIR
87	F25GNMTS	Num	8	TANNER STAGING OF PHALLUS
99	F25HGBF	Num	8	HEMOGLOBIN F (%)
69	F25HGT	Num	8	HEIGHT (CM)
11	F25HOSAA	Num	8	HOSPITAL VISITS FOR LOW BLOOD LEVEL
5	F25HOSPE	Num	8	HOSP VISITS FOR PAINFUL EPISODES
10	F25HOSPN	Num	8	HOSPITAL VISITS FOR PNEUMONIA
15	F25HOSRU	Num	8	HOSPITAL VISITS FOR RUQ PAIN
79	F25HRMRM	Num	8	HEART MURMUR
80	F25HRMTP	Num	8	HEART MURMUR TYPE
26	F25ICDA	Num	8	ICDA CODE OF OTHER SURGERY
75	F25LNPD	Num	8	PERCUSSION DULLNESS
73	F25LNRAL	Num	8	RALES
74	F25LNRHO	Num	8	RHONCHI
76	F25LNWZ	Num	8	WHEEZING
90	F25LU	Num	8	LEG ULCER PRESENT
86	F25LUQSC	Num	8	LUQ SURGICAL SCAR
81	F25LVRSZ	Num	8	LIVER SIZE BELOW RCM (CM)
82	F25LVRTN	Num	8	LIVER TENDERNESS
61	F25MDANA	Num	8	TAKING ANALGESICS
62	F25MDANI	Num	8	TAKING ANTIBIOTICS FOR INFECTION
63	F25MDANP	Num	8	TAKING ANTIBIOTICS AS PROPHYLAXIS
67	F25MDCDE	Num	8	CODE OF MEDICATION
60	F25MDFOL	Num	8	TAKING FOLATE
64	F25MDHBP	Num	8	PILLS FOR HIGH BLOOD PRESSURE
65	F25MDHRT	Num	8	PILLS FOR HEART
59	F25MDIRN	Num	8	TAKING IRON
66	F25MDOTH	Num	8	OTHER MEDICATION
58	F25MED	Num	8	TAKING MEDICINE
42	F25MENIR	Num	8	REASON FOR IRREGULAR MENSTRUAL PERIODS
41	F25MENS	Num	8	NORMAL MENSTRUAL PERIODS
43	F25MENST	Num	8	JUST START HAVING MENSTRUAL PERIODS
91	F25NEU	Num	8	NEURO. EXAM INDICATED
7	F25NUMPE	Num	8	PAINFUL EPISODES
6	F25OTHPE	Num	8	OTHER PAINFUL EPISODE
51	F25PELV	Num	8	PELVIC INFLAMMATORY DISEASE
52	F25PELVH	Num	8	HOSP. FOR PELVIC INFLAMMATORY DISEASE
57	F25PHALL	Num	8	OTHER PROBLEMS WITH PENIS
28	F25PNE	Num	8	PNEUMOCOCCAL IMMUNIZATION
29	F25PNEMR	Num	8	PNEU. IMMUN. CONFIRMED
68	F25PPEN	Num	8	PROPHYLACTIC PENICILLIN STUDY
109	F25PRBC	Num	8	POCKED RED BLOOD CELLS (%)
44	F25PREG	Num	8	PREGNANT
46	F25PREGH	Num	8	WHAT HAPPENED TO PREGNANCY
45	F25PREGS	Num	8	STILL PREGNANT
47	F25PRHSP	Num	8	HOSPITALIZED?

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM**  
CSSCD FULL COHORT PATIENTS

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53	F25PRIA	Num	8	ANY PRIAPISM
54	F25PRIA1	Num	8	PRIAPISM FOR 3 HOURS OR LESS
55	F25PRIA2	Num	8	PRIAPISM FOR MORE THAN 3 HOURS
56	F25PRIAC	Num	8	CHRONIC PRIAPISM
48	F25PRWK	Num	8	WEEKS WHEN TERMINATED
3	F25RESP	Num	8	RESPONDENT

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM**  
 CSSCD FULL COHORT PATIENTS

The SAS System

13:46 Friday, September 29, 2006 14

The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
98	F25RETIC	Num	8	RETICULOCTYES (%)
16	F25RUQ1	Num	8	INTERMITTENT PAIN IN RUQ
17	F25RUQ2	Num	8	EPISODES OF NAUSEA AFTER EATING
18	F25RUQ3	Num	8	ABDOMINAL DISCOMFORT DURING MEAL
19	F25RUQ4	Num	8	ASSOCIATED WITH FRIED FOODS?
85	F25RUQSC	Num	8	RUQ SURGICAL SCAR
32	F25SEIZ	Num	8	ANY SEIZURES IN LAST 12 MONTHS
33	F25SEIZ1	Num	8	ANTI-SEIZURE MEDICATION
35	F25SEIZ2	Num	8	ANTI-SEIZURE MEDICATION
37	F25SEIZ3	Num	8	ANTI-SEIZURE MEDICATION
39	F25SEIZ4	Num	8	ANTI-SEIZURE MEDICATION
34	F25SEZM1	Num	8	ANTI SEIZURE MEDICATION CODE
36	F25SEZM2	Num	8	ANTI SEIZURE MEDICATION CODE
38	F25SEZM3	Num	8	ANTI SEIZURE MEDICATION CODE
40	F25SEZM4	Num	8	ANTI SEIZURE MEDICATION CODE
107	F25SGOT	Num	8	SGOT (UNITS DL)
83	F25SPLP	Num	8	PALPABLE SPLEEN
84	F25SPLTP	Num	8	SPLEEN-CM TIP PALPATED BELOW LCM
24	F25SURB0	Num	8	BONE EXPLORATION SURGERY
20	F25SURG	Num	8	ANY SURGERY AT AN OUTSIDE HOSPITAL
22	F25SURHP	Num	8	HIP REPLACEMENT
23	F25SURHY	Num	8	HYSTERECTOMY
25	F25SUR0T	Num	8	OTHER SURGERY
21	F25SURSP	Num	8	SPLEEN REMOVAL
27	F25TRANS	Num	8	TRANSFUSED WITHIN LAST 4 MONTHS
101	F25URGLC	Num	8	URINALYSIS GLUCOSE
103	F25URMRH	Num	8	URINALYSIS > 5 RBC HPF
104	F25URMMH	Num	8	URINALYSIS > 5 WBC HPF
100	F25URPH	Num	8	URINALYSIS PH
102	F25URPRO	Num	8	URINALYSIS PROTEIN
70	F25WGT	Num	8	WEIGHT (KG)
128	J25CBCDT	Num	8	DATE LABORATORY TESTS - DAYS SINCE DOE
117	J25DTEB0	Num	8	DATE BONE EXPLORATION SURGERY - DAYS SINCE DOE
115	J25DTEHP	Num	8	DATE HIP REPLACEMENT - DAYS SINCE DOE
116	J25DTEHY	Num	8	DATE HYSTERECTOMY - DAYS SINCE DOE
118	J25DTE0T	Num	8	DATE OTHER SURGERY - DAYS SINCE DOE
114	J25DTESP	Num	8	DATE SPLEEN REMOVAL - DAYS SINCE DOE
120	J25FLUDT	Num	8	FLU. IMMUN. DATE - APPROX. MONTHS SINCE DOE
112	J25GALD1	Num	8	DATE GALL BLADDER REMOVED - DAYS SINCE DOE
113	J25GALD2	Num	8	DATE GALL BLADDER REMOVED - APPROX MONTHS SINCE DOE
123	J25MENDT	Num	8	WHEN MENSTRUAL PERIODS STARTED-APPROX. MONTHS SINCE DOE
122	J25MENHY	Num	8	DATE HYSTERECTOMY - APPROX MONTHS SINCE DOE
121	J25MENM	Num	8	DATE MENOPAUSE - APPROX MONTHS SINCE DOE
126	J25PELDT	Num	8	DATE HOSPITALIZED FOR P.I.D. - DAYS SINCE DOE
119	J25PNEDT	Num	8	PNEU. IMMUN. DATE - APPROX. MONTHS SINCE DOE
125	J25PRDEL	Num	8	DATED DELIVERED - DAYS SINCE DOE

**CODEBOOK FOR CSSCD FORM 25**  
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CSSCD FULL COHORT PATIENTS

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124	J25PRGT	Num	8	MONTH PREGNANT - APPROX. MONTHS SINCE DOE
127	J25PRIAD	Num	8	DATE PRIAPISM FORM - DAYS SINCE DOE
111	JF25DATE	Num	8	DATE OF VISIT - DAYS SINCE DOE

**CODEBOOK FOR CSSCD FORM 25**  
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 CSSCD FULL COHORT PATIENTS

```
*****
*****
* R25.FMT contains value labels for numerical codes assigned to
categorical*
* variables in the SAS dataset R25.SD2
*
*****
****;
* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD    04/18/99 13:56:55;
```

PROC FORMAT;

\* FORMAT F25CYCLE USED FOR VARIABLE F25CYCLE;

```
VALUE F25CYCLE
  25          = '25-INTAKE AT AGE 2'
  27          = '27-FIRST ANNUAL'
  29          = '29-2ND ANNUAL'
  31          = '31-3RD ANNUAL'
  33          = '33-4TH ANNUAL'
  35          = '35-FIFTH ANNUAL'
  37          = '37-SIXTH ANNUAL'
  39          = '39-SEVENTH ANNUAL'
  41          = '41-EIGHTH ANNUAL'
  43          = '43-NINTH ANNUAL';
```

\* FORMAT F25RESP USED FOR VARIABLE F25RESP;

```
VALUE F25RESP
  1          = 'PATIENT'
  2          = 'PARENT'
  3          = 'HOUSEHOLD MEMBER'
  4          = 'NON-HOUSEHOLD';
```

\* FORMAT NO\_YES used for the following variables: F250THPE F25GALB1  
 F25GALB2 F25RUQ1  
 F25RUQ2 F25RUQ3  
 F25RUQ4 F25SURG  
 F25SURSP F25SURHP  
 F25SURHY F25SURBO  
 F25SUROT F25TRANS  
 F25PNE F25FLU  
 F25SEIZ1 F25SEIZ2  
 F25SEIZ3 F25SEIZ4  
  
 F25MENS F25MENST  
 F25PREG F25PREGS  
 F25PRHSP F25PELV  
 F25PELVH F25PRIA  
 F25PRIAC F25PHALL  
 F25PPEN F25LNRAL  
 F25LNRHO F25LNPD

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM**  
CSSCD FULL COHORT PATIENTS

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---

F25LNWZ F25RUQSC  
F25LUQSC F25LU;

VALUE NO\_YES

1 = 'NO'  
2 = 'YES';

\* FORMAT F25NUMPE USED FOR VARIABLE F25NUMPE;

VALUE F25NUMPE

1 = '<4'  
2 = '>4';

\* FORMAT F25DAYPE USED FOR VARIABLE F25DAYPE;

VALUE F25DAYPE

1 = '<= A WEEK'  
2 = '> A WEEK';

\* FORMAT NYNA used for the following variables: F25PNEMR F25FLUMR;

VALUE NYNA

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

\* FORMAT F25SEIZ USED FOR VARIABLE F25SEIZ;

VALUE F25SEIZ

1 = 'NO'  
2 = '1-4'  
3 = '>4';

\* FORMAT F25MENIR USED FOR VARIABLE F25MENIR;

VALUE F25MENIR

1 = 'USUAL(1)'  
2 = 'SKIPPED PERIOD(2)'  
4 = 'MENOPAUSE(4)'  
8 = 'HYSTERECTOMY(8)'  
16 = 'NEVER HAD PERIODS(16)'  
32 = 'OTHER(32)';

\* FORMAT F25PREGH USED FOR VARIABLE F25PREGH;

---

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**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM**  
CSSCD FULL COHORT PATIENTS

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VALUE F25PREGH

1	=	'MISTAKEN'
2	=	'ABORTION'
3	=	'MISCARRIAGE'
4	=	'DELIVERY';

\* FORMAT NDKY used for the following variables: F25CONT F17MED  
F25MED F25MDIRN  
F25MDFOL F25MDANA  
F25MDANI F25MDANP  
F25MDHBP F25MDHRT  
F25MDOTH;

VALUE NDKY

1	=	'NO'
2	=	'DK'
3	=	'YES';

\* FORMAT F25CONTH USED FOR VARIABLE F25CONTH;

VALUE F25CONTH

1	=	'PILL(1)'
2	=	'IUD(2)'
4	=	'TUBAL LIGATION(4)'
8	=	'DIAPHRAGM(8)'
16	=	'OTHER(16)'
32	=	'NONE(32)';

\* FORMAT F25PRIAX used for the following variables: F25PRIA1  
F25PRIA2;

VALUE F25PRIAX

1	=	'0'
2	=	'1-5'
3	=	'6-10'
4	=	'11-20'
5	=	'21-50'
6	=	'>50';

\* FORMAT ROMN used for the following variables: F25BRTF1 F25GNMST  
F25GNMPH F25GNFPH;

VALUE ROMN

1	=	'I'
2	=	'II'
3	=	'III'
4	=	'IV'
5	=	'V';

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM**  
CSSCD FULL COHORT PATIENTS

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\* FORMAT F25BRTFB USED FOR VARIABLE F25BRTF2;

VALUE F25BRTFB

1	=	'NORMAL'
2	=	'ABNORMAL';

\* FORMAT PRAB used for the following variables: F25HRMRM F25URMRH  
F25URMWH;

VALUE PRAB

1	=	'PRESENT'
2	=	'ABSENT';

\* FORMAT F25HRMTP USED FOR VARIABLE F25HRMTP;

VALUE F25HRMTP

1	=	'SYSTOLIC(1)'
2	=	'DIASTOLIC(2)'
3	=	'BOTH(3)'
4	=	'NONE(4)';

\* FORMAT F25LVRTN USED FOR VARIABLE F25LVRTN;

VALUE F25LVRTN

1	=	'ABSENT'
2	=	'PRESENT';

\* FORMAT F25SPLP USED FOR VARIABLE F25SPLP;

VALUE F25SPLP

1	=	'NO'
2	=	'YES'
3	=	'SPLENECTOMIZED';

\* FORMAT F25NEU IS DEFINED FOR VARIABLE F25NEU;

VALUE F25NEU

1	=	'NOT INDICATED'
2	=	'INDICATED';

\* FORMAT F25URGLC IS DEFINED FOR VARIABLE F25URGLC;

VALUE F25URGLC

1	=	'NEG'
2	=	'1+'
3	=	'2+'
4	=	'3+'
5	=	'4+';



**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM**  
CSSCD FULL COHORT PATIENTS

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\* FORMAT F25URPRO IS DEFINED FOR VARIABLE F25URPRO;

VALUE F25URPRO

1	=	'NEG'
2	=	'TR'
3	=	'1+'
4	=	'2+'
5	=	'3+'
6	=	'4+';

\* FORMAT F25CYCLE F25CYCLE.

MMDDYY8.  
F25RESP F25RESP.  
F25OTHPE F25GALB1 F25GALB2 F25RUQ1 F25RUQ2 F25RUQ3  
F25RUQ4 F25SURG F25SURSP F25SURHP F25SURHY F25SURBO  
F25SUROT F25TRANS F25PNE F25FLU F25SEIZ1 F25SEIZ2  
F25SEIZ3 F25SEIZ4 F25MENS F25MENST F25PREG  
F25PREGS F25PRHSP F25PELV F25PELVH F25PRIA  
F25PRIAC F25PHALL F25PPEN F25LNRAL F25LNRHO  
F25LNPD F25LNWZ F25RUQSC F25LUQSC F25LU NO\_YES.  
F25NUMPE F25NUMPE.  
F25DAYPE F25DAYPE.  
F25PNEMR F25FLUMR NYNA.  
F25SEIZ F25SEIZ.  
F25MENIR F25MENIR.  
F25PREGH F25PREGH.  
F25CONT F25MED F25MDIRN F25MDFOL F25MDANA F25MDANI  
F25MDANP F25MDHBP F25MDHRT F25MDOTH NDKY.  
F25CONTH F25CONTH.  
F25PRIA1 F25PRIA2 F25PRIAX.  
F25BRTF1 F25GNMTS F25GNMPH F25GNFPH ROMN.  
F25BRTF2 F25BRTFB.  
F25HRMRM F25URMRH F25URMWH PRAB.  
F25HRMTP F25HRMTP.  
F25LVRTN F25LVRTN.  
F25SPLP F25SPLP.  
F25NEU F25NEU.  
F25URGLC F25URGLC.  
F25URPRO F25URPRO.;

RUN;  
QUIT;

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM - PAGE 1**  
 CSSCD FULL COHORT PATIENTS

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f25cycle ----- CYCLE NUMBER

type: numeric (double)  
 label: f25cycle

range: [25,43] units: 1  
 unique values: 10 coded missing: 0 / 8747

tabulation:	Freq.	Numeric	Label
	276	25	25-INTAKE AT AGE 2
	269	27	27-FIRST ANNUAL
	256	29	29-2ND ANNUAL
	432	31	31-3RD ANNUAL
	1187	33	33-4TH ANNUAL
	2328	35	35-FIFTH ANNUAL
	2013	37	37-SIXTH ANNUAL
	1450	39	39-SEVENTH ANNUAL
	508	41	41-EIGHTH ANNUAL
	28	43	43-NINTH ANNUAL

f25vdate ----- VERSION DATE **DELETED**

type: numeric (long)  
 label: datelab

range: [8785,9692] units: 1  
 unique values: 3 coded missing: 0 / 8747

tabulation:	Freq.	Numeric	Label
	1029	8785	01/20/84
	5553	8835	03/10/84
	2165	9692	07/15/86

f25resp ----- RESPONDENT

type: numeric (double)  
 label: f25resp

range: [1,4] units: 1  
 unique values: 4 coded missing: 37 / 8747

tabulation:	Freq.	Numeric	Label
	5339	1	PATIENT
	3257	2	PARENT
	61	3	HOUSEHOLD MEMBER
	53	4	NON-HOUSEHOLD

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM - PAGE 2**  
CSSCD FULL COHORT PATIENTS

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f25erpe ----- ER VISITS FOR PAINFUL EPISODES

type: numeric (double)

range: [0,60]

units: 1

unique values: 28

coded missing: 22 / 8747

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	5835	0		6	14
	1356	1		7	15
	580	2		5	16
	367	3		2	17
	188	4		2	18
	106	5		1	19
	90	6		4	20
	50	7		1	22
	26	8		1	23
	16	9		1	26
	42	10		2	28
	10	11		2	30
	16	12		1	32
	7	13		1	60

f25hospe ----- HOSP VISITS FOR PAINFUL EPISODES

type: numeric (double)

range: [0,72]

units: 1

unique values: 23

coded missing: 24 / 8747

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	6164	0		21	12
	1276	1		6	13
	525	2		4	14
	265	3		4	15
	146	4		5	16
	88	5		2	17
	68	6		3	20
	43	7		1	21
	29	8		2	22
	21	9		1	25
	27	10		1	72
	21	11			

f25othpe ----- OTHER PAINFUL EPISODE

type: numeric (double)

label: f25othpe

range: [1,2]

units: 1

unique values: 2

coded missing: 21 / 8747

tabulation:	Freq.	Numeric	Label
	4669	1	NO
	4057	2	YES

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM - PAGE 2**  
CSSCD FULL COHORT PATIENTS

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---

f25numpe ----- PAINFUL EPISODES

type: numeric (double)  
label: f25numpe

range: [1,2] units: 1  
unique values: 2 coded missing: 4417 / 8747

tabulation:	Freq.	Numeric	Label
	2882	1	<4
	1448	2	>4

f25numpe:

1. Required only if F250THPE=2

f25daype ----- PAINFUL EPISODE MISSED DAYS

type: numeric (double)  
label: f25daype

range: [1,2] units: 1  
unique values: 2 coded missing: 4522 / 8747

tabulation:	Freq.	Numeric	Label
	2889	1	<= A WEEK
	1336	2	> A WEEK

f25daype:

1. Required only if F250THPE=2

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM - PAGE 3**  
CSSCD FULL COHORT PATIENTS

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f25erpne ----- ER VISITS FOR PNEUMONIA

type: numeric (double)

range: [0,7] units: 1  
unique values: 7 coded missing: 17 / 8747

tabulation:	Freq.	Value
	8137	0
	513	1
	69	2
	6	3
	1	4
	2	6
	2	7

f25hospn ----- HOSPITAL VISITS FOR PNEUMONIA

type: numeric (double)

range: [0,7] units: 1  
unique values: 8 coded missing: 18 / 8747

tabulation:	Freq.	Value
	7861	0
	730	1
	108	2
	17	3
	7	4
	3	5
	1	6
	2	7

f25hosaa ----- HOSPITAL VISITS FOR LOW BLOOD LEVEL

type: numeric (double)

range: [0,15] units: 1  
unique values: 10 coded missing: 18 / 8747

tabulation:	Freq.	Value
	8267	0
	375	1
	52	2
	18	3
	6	4
	5	5
	1	6
	1	8
	3	12
	1	15

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM - PAGE 4**  
 CSSCD FULL COHORT PATIENTS

f25galb1 ----- GALL BLADDER REMOVED LAST 12 MONTHS

type: numeric (double)  
 label: f25galb1  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 19 / 8747  
 tabulation: Freq. Numeric Label  
                   8554        1 NO  
                   174         2 YES

f25galb2 ----- GALL BLADDER EVER REMOVED

type: numeric (double)  
 label: f25galb2  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 147 / 8747  
 tabulation: Freq. Numeric Label  
                   7398        1 NO  
                   1202        2 YES

f25galb2:

1. Required only if F25GALB1=1

f25erruq ----- ER VISITS FOR RUQ PAIN

type: numeric (double)  
 range: [0,12] units: 1  
 unique values: 10 coded missing: 37 / 8747  
 tabulation: Freq. Value  
                   8412 0  
                   198 1  
                   60 2  
                   16 3  
                   9 4  
                   6 5  
                   4 6  
                   2 8  
                   2 11  
                   1 12

f25hosru ----- HOSPITAL VISITS FOR RUQ PAIN

type: numeric (double)  
 range: [0,11] units: 1  
 unique values: 9 coded missing: 29 / 8747  
 tabulation: Freq. Value  
                   8470 0  
                   181 1  
                   44 2  
                   8 3  
                   5 4  
                   4 5  
                   3 6  
                   1 10  
                   2 11



**CODEBOOK FOR CSSCD FORM 25**  
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 CSSCD FULL COHORT PATIENTS

f25surg ----- ANY SURGERY AT AN OUTSIDE HOSPITAL

type: numeric (double)  
 label: f25surg

range: [1,2] units: 1  
 unique values: 2 coded missing: 21 / 8747

tabulation:	Freq.	Numeric	Label
	8457	1	NO
	269	2	YES

f25sursp ----- SPLEEN REMOVAL

type: numeric (double)  
 label: f25sursp

range: [1,2] units: 1  
 unique values: 2 coded missing: 3279 / 8747

tabulation:	Freq.	Numeric	Label
	5456	1	NO
	12	2	YES

f25sursp:

1. Required only if F25SURG=2

f25surhp ----- HIP REPLACEMENT

type: numeric (double)  
 label: f25surhp

range: [1,2] units: 1  
 unique values: 2 coded missing: 3285 / 8747

tabulation:	Freq.	Numeric	Label
	5450	1	NO
	12	2	YES

f25surhp:

1. Required only if F25SURG=2

f25surhy ----- HYSTERECTOMY

type: numeric (double)  
 label: f25surhy

range: [1,2] units: 1  
 unique values: 2 coded missing: 3284 / 8747

tabulation:	Freq.	Numeric	Label
	5457	1	NO
	6	2	YES

f25surhy:

1. Required only if sex=female AND F25SURG=2



**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM - PAGE 5**  
 CSSCD FULL COHORT PATIENTS

f25surbo ----- BONE EXPLORATION SURGERY

type: numeric (double)  
 label: f25surbo  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 3284 / 8747  
 tabulation: Freq. Numeric Label  
                   5453          1 NO  
                   10           2 YES

f25surbo:

1. Required only if F25SURG=2

f25surot ----- OTHER SURGERY

type: numeric (double)  
 label: f25surot  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 3210 / 8747  
 tabulation: Freq. Numeric Label  
                   5295          1 NO  
                   242           2 YES

f25surot:

1. Required only if F25SURG=2

f25icda ----- ICDA CODE OF OTHER SURGERY

type: numeric (double)  
 range: [25.2,999.99] units: .01  
 unique values: 8 coded missing: 8688 / 8747  
 tabulation: Freq. Value  
                   1 25.2  
                   1 28.2  
                   1 48.73  
                   3 51.22  
                   1 340.3  
                   2 632  
                   13 999.98  
                   37 999.99

f25icda:

1. See ICD-9-CM codebook for procedure codes
2. Required only if F25SURROT=2
3. 999.99=uncoded.

f25trans ----- TRANSFUSED WITHIN LAST 4 MONTHS

type: numeric (double)  
 label: f25trans  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 16 / 8747  
 tabulation: Freq. Numeric Label  
                   7574          1 NO  
                   1157          2 YES

f25trans:

1. Question on versions 7/15/86 was whether patient was transfused within 12 months of visits rather than 4 months.
2. See Section 4.7 for responses to questions 12.a.1, 12.a.2, and 12b which were

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collected only on the 7/15/86 version of FORM 25.

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f25pne ----- PNEUMOCOCCAL IMMUNIZATION

type: numeric (double)  
 label: f25pne

range: [1,2] units: 1  
 unique values: 2 coded missing: 20 / 8747

tabulation:	Freq.	Numeric	Label
	8012	1	NO
	715	2	YES

f25pnemr ----- PNEU. IMMUN. CONFIRMED

type: numeric (double)  
 label: f25pnemr

range: [1,3] units: 1  
 unique values: 3 coded missing: 3983 / 8747

tabulation:	Freq.	Numeric	Label
	50	1	NO
	4489	2	YES
	225	3	NA

f25flu ----- INFLUENZA B IMMUNIZATION

type: numeric (double)  
 label: f25flu

range: [1,2] units: 1  
 unique values: 2 coded missing: 4197 / 8747

tabulation:	Freq.	Numeric	Label
	3974	1	NO
	576	2	YES

f25flu:  
 1. Required only if age <= 5 years

f25flumr ----- FLU IMMUN. CONFIRMED

type: numeric (double)  
 label: f25flumr

range: [1,3] units: 1  
 unique values: 3 coded missing: 6009 / 8747

tabulation:	Freq.	Numeric	Label
	80	1	NO
	2547	2	YES
	111	3	NA

f25flumr:  
 1. Required only if age <= 5 years

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f25seiz ----- ANY SEIZURES IN LAST 12 MONTHS

type: numeric (double)  
 label: f25seiz  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 29 / 8747

tabulation:	Freq.	Numeric	Label
	8588	1	NO
	100	2	1-4
	30	3	>4

f25seiz1 ----- ANTI-SEIZURE MEDICATION

type: numeric (double)  
 label: f25seiz1  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 3501 / 8747

tabulation:	Freq.	Numeric	Label
	5163	1	NO
	83	2	YES

f25seiz1:  
 1. Required only if F25SEIZ >=2

f25sezm1 ----- ANTI SEIZURE MEDICATION CODE

type: numeric (double)  
 range: [191,999] units: 1  
 unique values: 8 coded missing: 8675 / 8747

tabulation:	Freq.	Value
	19	191
	8	372
	4	452
	21	512
	2	515
	1	517
	2	527
	15	999

f25sezm1:  
 1. See Appendix D - CODED DRUG LIST  
 2. Required only if F25SEIZ1=2

f25seiz2 ----- ANTI-SEIZURE MEDICATION

type: numeric (double)  
 label: f25seiz2  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 3583 / 8747

tabulation:	Freq.	Numeric	Label
	5127	1	NO
	37	2	YES

f25seiz2:  
 1. Required only if F25SEIZ >=2

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f25sezm2 ----- ANTI SEIZURE MEDICATION CODE

type: numeric (double)  
range: [191,999] units: 1  
unique values: 6 coded missing: 8716 / 8747  
tabulation: Freq. Value  
9 191  
1 343  
1 372  
2 452  
11 512  
7 999

f25sezm2:

1. See Appendix D - CODED DRUG LIST
2. Required only if F25SEIZ2=2

f25seiz3 ----- ANTI-SEIZURE MEDICATION

type: numeric (double)  
label: f25seiz3  
range: [1,2] units: 1  
unique values: 2 coded missing: 3595 / 8747  
tabulation: Freq. Numeric Label  
5136 1 NO  
16 2 YES

f25seiz3:

1. Required only if F25SEIZ >=2

f25sezm3 ----- ANTI SEIZURE MEDICATION CODE

type: numeric (double)  
range: [191,999] units: 1  
unique values: 5 coded missing: 8736 / 8747  
tabulation: Freq. Value  
2 191  
1 452  
6 512  
1 551  
1 999

f25sezm3:

1. See Appendix D - CODED DRUG LIST
2. Required only if F25SEIZ3=2

f25seiz4 ----- ANTI-SEIZURE MEDICATION

type: numeric (double)  
label: f25seiz4  
range: [1,2] units: 1  
unique values: 2 coded missing: 3600 / 8747  
tabulation: Freq. Numeric Label  
5137 1 NO  
10 2 YES

f25seiz4:

1. Required only if F25SEIZ >=2

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f25sezm4 ----- ANTI SEIZURE MEDICATION CODE

type: numeric (double)

range: [191,512]

units: 1

unique values: 3

coded missing: 8740 / 8747

tabulation: Freq. Value  
3 191  
1 452  
3 512

f25sezm4:

1. See Appendix D - CODED DRUG LIST
2. Required only if F25SEIZ4=2

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f25mens ----- NORMAL MENSTRUAL PERIODS

type: numeric (double)  
 label: f25mens  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 5266 / 8747

tabulation:	Freq.	Numeric	Label
	1499	1	NO
	1982	2	YES

f25mens:

1. Required only for females age >= 10 years

f25menir ----- REASON FOR IRREGULAR MENSTRUAL PERIODS

type: numeric (double)  
 label: f25menir  
 range: [1,64] units: 1  
 unique values: 12 coded missing: 7326 / 8747

tabulation:	Freq.	Numeric	Label
	172	1	USUAL(1)
	135	2	SKIPPED PERIOD(2)
	8	3	
	134	4	MENOPAUSE(4)
	1	6	
	154	8	HYSTERECTOMY(8)
	567	16	NEVER HAD PERIODS(16)
	212	32	OTHER(32)
	1	33	
	2	34	
	1	40	
	34	64	

f25menir:

1. Required only for females age >= 10 years
2. Required only if F25MENS=1
3. Binary coded variable

f25menst ----- JUST START HAVING MENSTRUAL PERIODS

type: numeric (double)  
 label: f25menst  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 6282 / 8747

tabulation:	Freq.	Numeric	Label
	2333	1	NO
	132	2	YES

f25menst:

1. Required only for females age >=10 years
2. Required only if age < 25 & (F25MENS=2 or F25MENS=1 and (F25MENIR <4 or 32 <=F25MENIR<36)))

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f25preg ----- PREGNANT

type: numeric (double)  
 label: f25preg  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 5851 / 8747  
 tabulation: Freq. Numeric Label  
                   2593       1 NO  
                   303        2 YES

f25preg:

1. Required only for females age >=10 years
2. Required only if F25MENS=1 and F25MENIR ne 4 or 8 or 16 or 40

f25pregs ----- STILL PREGNANT

type: numeric (double)  
 label: f25pregs  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 8438 / 8747  
 tabulation: Freq. Numeric Label  
                   233       1 NO  
                   76        2 YES

f25pregs:

1. Required only for females age >= 10 years
2. Required only if F25PREG=2

f25pregh ----- WHAT HAPPENED TO PREGNANCY

type: numeric (double)  
 label: f25pregh  
 range: [1,4] units: 1  
 unique values: 4 coded missing: 8514 / 8747  
 tabulation: Freq. Numeric Label  
                   56       1 MISTAKEN  
                   60       2 ABORTION  
                   22       3 MISCARRIAGE  
                   95       4 DELIVERY

f25pregh:

1. Required only for females age >= 10 years
2. Required only if F25PREGS=1

f25prhsp ----- HOSPITALIZED?

type: numeric (double)  
 label: f25prhsp  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 8672 / 8747  
 tabulation: Freq. Numeric Label  
                   25       1 NO  
                   50       2 YES

f25prhsp:

1. Required only for females age >=10 years



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2. Required only if F25PREGH=2 or 3

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f25prwk ----- WEEKS WHEN TERMINATED

type: numeric (double)  
 range: [3,26] units: 1  
 unique values: 19 coded missing: 8668 / 8747

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	3		1	13
	2	4		3	14
	3	5		1	15
	5	6		8	16
	3	7		1	17
	22	8		1	18
	4	9		1	20
	7	10		2	24
	1	11		1	26
	12	12			

- f25prwk:
1. Required only for females age >= 10 years
  2. Required only if F25PREGH=2 or 3

f25cont ----- USED CONTRACEPTIVE

type: numeric (double)  
 label: f25cont  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 5846 / 8747

tabulation:	Freq.	Numeric	Label
	1798	1	NO
	11	2	DK
	1092	3	YES

- f25cont:
1. Required only for females age >= 10 years
  2. Required only if F25MENIR ne 4 or 8 or 16 or 40

f25conth ----- TYPE OF CONTRACEPTIVE

type: numeric (double)  
 label: f25conth  
 range: [1,32] units: 1  
 unique values: 13 coded missing: 5861 / 8747

tabulation:	Freq.	Numeric	Label
	312	1	PILL(1)
	64	2	IUD(2)
	3	3	
	448	4	TUBAL LIGATION(4)
	1	5	
	118	8	DIAPHRAGM(8)
	1	9	
	2	10	
	1	12	
	128	16	OTHER(16)
	5	17	
	5	24	
	1798	32	NONE(32)

- f25conth:
1. Required only for females age >= 10 years
  2. Required only if F25CONT=3
  3. Binary coded variable

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4. See section 4.7 for names of birth control pills.

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f25pelv ----- PELVIC INFLAMMATORY DISEASE

type: numeric (double)  
 label: f25pelv  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 5709 / 8747  
 tabulation: Freq. Numeric Label  
                   2896       1 NO  
                   142        2 YES

f25pelv:  
 1. Required only for females age >= 10 years

f25pelvh ----- HOSP. FOR PELVIC INFLAMMATORY DISEASE

type: numeric (double)  
 label: f25pelvh  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 8580 / 8747  
 tabulation: Freq. Numeric Label  
                   123       1 NO  
                   44        2 YES

f25pelvh:  
 1. Required only for females age >= 10 years  
 2. Required only if F25PELV=2

f25pria ----- ANY PRIAPISM

type: numeric (double)  
 label: f25pria  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 4200 / 8747  
 tabulation: Freq. Numeric Label  
                   4317       1 NO  
                   230        2 YES

f25pria:  
 1. Required only for males

f25pria1 ----- PRIAPISM FOR 3 HOURS OR LESS

type: numeric (double)  
 label: f25pria1  
 range: [1,6] units: 1  
 unique values: 6 coded missing: 8470 / 8747  
 tabulation: Freq. Numeric Label  
                   115       1 0  
                   101       2 1-5  
                   18        3 6-10  
                   17        4 11-20  
                   12        5 21-50  
                   14        6 >50

f25pria1:  
 1. Required only for males  
 2. Required only if F25PRIA=2

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f25pria2 ----- PRIAPISM FOR MORE THAN 3 HOURS

type: numeric (double)  
label: f25pria2

range: [1,6] units: 1  
unique values: 6 coded missing: 8476 / 8747

tabulation:	Freq.	Numeric	Label
	181	1	0
	62	2	1-5
	13	3	6-10
	3	4	11-20
	4	5	21-50
	8	6	>50

f25pria2:

1. Required only for males
2. Required only if F25PRIA=2

f25priac ----- CHRONIC PRIAPISM

type: numeric (double)  
label: f25priac

range: [1,2] units: 1  
unique values: 2 coded missing: 6853 / 8747

tabulation:	Freq.	Numeric	Label
	1851	1	NO
	43	2	YES

f25priac:

1. Required only for males
2. Required only if F25PRIA=2

f25phall ----- OTHER PROBLEMS WITH PENIS

type: numeric (double)  
label: f25phall

range: [1,2] units: 1  
unique values: 2 coded missing: 6532 / 8747

tabulation:	Freq.	Numeric	Label
	2155	1	NO
	60	2	YES

f25phall:

1. Required only for males
2. Required only if F25PRIA=2

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f25med ----- TAKING MEDICINE

type: numeric (double)  
 label: f25med  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 161 / 8747

tabulation:	Freq.	Numeric	Label
	2740	1	NO
	20	2	DK
	5826	3	YES

f25mdirn ----- TAKING IRON

type: numeric (double)  
 label: f25mdirn  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 1034 / 8747

tabulation:	Freq.	Numeric	Label
	7571	1	NO
	8	2	DK
	134	3	YES

f25mdirn:

1. Required only if F25MED=3

f25mdfol ----- TAKING FOLATE

type: numeric (double)  
 label: f25mdfol  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 980 / 8747

tabulation:	Freq.	Numeric	Label
	2707	1	NO
	19	2	DK
	5041	3	YES

f25mdfol:

1. Required only if F25MED=3

f25mdana ----- TAKING ANALGESICS

type: numeric (double)  
 label: f25mdana  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 1021 / 8747

tabulation:	Freq.	Numeric	Label
	5623	1	NO
	16	2	DK
	2087	3	YES

f25mdana:

1. Required only if F25MED=3

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f25mdani ----- TAKING ANTIBIOTICS FOR INFECTION

type: numeric (double)  
label: f25mdani

range: [1,3] units: 1  
unique values: 3 coded missing: 1042 / 8747

tabulation:	Freq.	Numeric	Label
	7345	1	NO
	12	2	DK
	348	3	YES

f25mdani:

1. Required only if F25MED=3

f25mdanp ----- TAKING ANTIBIOTICS AS PROPHYLAXIS

type: numeric (double)  
label: f25mdanp

range: [1,3] units: 1  
unique values: 3 coded missing: 1047 / 8747

tabulation:	Freq.	Numeric	Label
	6649	1	NO
	24	2	DK
	1027	3	YES

f25mdanp:

1. Required only if F25MED=3

f25mdhbp ----- PILLS FOR HIGH BLOOD PRESSURE

type: numeric (double)  
label: f25mdhbp

range: [1,3] units: 1  
unique values: 3 coded missing: 1035 / 8747

tabulation:	Freq.	Numeric	Label
	7530	1	NO
	9	2	DK
	173	3	YES

f25mdhbp:

1. Required only if F25MED=3

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f25mdhrt ----- PILLS FOR HEART

type: numeric (double)  
label: f25mdhrt

range: [1,3] units: 1  
unique values: 3 coded missing: 1029 / 8747

tabulation:	Freq.	Numeric	Label
	7553	1	NO
	10	2	DK
	155	3	YES

f25mdhrt:

1. Required only if F25MED=3

f25mdoth ----- OTHER MEDICATION

type: numeric (double)  
label: f25mdoth

range: [1,3] units: 1  
unique values: 3 coded missing: 1049 / 8747

tabulation:	Freq.	Numeric	Label
	6285	1	NO
	23	2	DK
	1390	3	YES

f25mdoth:

1. Required only if F25MED=3







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f25hgt ----- HEIGHT (CM) **MODIFIED**

type: numeric (double)

range: [66.4,200.7]                      units: .1  
unique values: 792                      coded missing: 1431 / 8747

mean: 145.16  
std. dev: 28.0902

percentiles:            10%            25%            50%            75%            90%  
                         101.6            122.2            154.9            167.6            175.3

f25hgt:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

f25wgt ----- WEIGHT (KG) **MODIFIED**

type: numeric (double)

range: [8,175.54]                      units: .01  
unique values: 1460                      coded missing: 1368 / 8747

mean: 43.6299  
std. dev: 21.595

percentiles:            10%            25%            50%            75%            90%  
                         15.8            22.99            45.81            60            69.85

f25wgt:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

f25bps ----- SYSTOLIC BLOOD PRESSURE

type: numeric (double)

range: [54,200]                      units: 1  
unique values: 89                      coded missing: 1614 / 8747

mean: 106.581  
std. dev: 14.6268

percentiles:            10%            25%            50%            75%            90%  
                         90            98            106            116            124

f25bps:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

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f25bpd ----- DIASTOLIC BLOOD PRESSURE

          type: numeric (double)  
           range: [5,120]                                  units: 1  
 unique values: 68                                  coded missing: 1621 / 8747  
           mean: 64.5112  
           std. dev: 11.5206

          percentiles:      10%      25%      50%      75%      90%  
                               50          60          62          70          80

f25bpd:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

f25lnral ----- RALES

          type: numeric (double)  
           label: f25lnral  
           range: [1,2]                                  units: 1  
 unique values: 2                                  coded missing: 1244 / 8747  
 tabulation: Freq.  Numeric  Label  
                   7407          1  NO  
                   96           2  YES

f25lnral:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

f25lnrho ----- RHONCHI

          type: numeric (double)  
           label: f25lnrho  
           range: [1,2]                                  units: 1  
 unique values: 2                                  coded missing: 1247 / 8747  
 tabulation: Freq.  Numeric  Label  
                   7428          1  NO  
                   72           2  YES

f25lnrho:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

f25lnpd ----- PERCUSSION DULLNESS

          type: numeric (double)  
           label: f25lnpd  
           range: [1,2]                                  units: 1  
 unique values: 2                                  coded missing: 1250 / 8747  
 tabulation: Freq.  Numeric  Label  
                   7465          1  NO  
                   32           2  YES

f25lnpd:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

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f251nwz ----- WHEEZING

type: numeric (double)  
label: f251nwz

range: [1,2] units: 1  
unique values: 2 coded missing: 1254 / 8747

tabulation:	Freq.	Numeric	Label
	7427	1	NO
	66	2	YES

f251nwz:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

f25brtf1 ----- BREASTS, TANNER STAGING

type: numeric (double)  
label: f25brtf1

range: [1,5] units: 1  
unique values: 5 coded missing: 7510 / 8747

tabulation:	Freq.	Numeric	Label
	373	1	I
	170	2	II
	156	3	III
	165	4	IV
	373	5	V

f25brtf1:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age
2. Required only if FEMALE 10-19 YEARS

f25brtf2 ----- BREASTS, AFTER AGE 20

type: numeric (double)  
label: f25brtf2

range: [1,2] units: 1  
unique values: 2 coded missing: 6904 / 8747

tabulation:	Freq.	Numeric	Label
	1789	1	NORMAL
	54	2	ABNORMAL

f25brtf2:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age
2. Required only if FEMALE >= 20 YEARS

**CODEBOOK FOR CSSCD FORM 25**  
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 CSSCD FULL COHORT PATIENTS

f25hrmrm ----- HEART MURMUR

          type: numeric (double)  
           label: f25hrmrm  
           range: [1,2]                                  units: 1  
 unique values: 2                                  coded missing: 1247 / 8747

tabulation:	Freq.	Numeric	Label
	4926	1	PRESENT
	2574	2	ABSENT

f25hrmrm:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

f25hrmtp ----- HEART MURMUR TYPE

          type: numeric (double)  
           label: f25hrmtp  
           range: [1,4]                                  units: 1  
 unique values: 4                                  coded missing: 1267 / 8747

tabulation:	Freq.	Numeric	Label
	4853	1	SYSTOLIC(1)
	25	2	DIASTOLIC(2)
	27	3	BOTH(3)
	2575	4	NONE(4)

f25hrmtp:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age
2. Required only if F25HRMRM=1
3. Binary coded variable

f25lvrsz ----- LIVER SIZE BELOW RCM (CM)

          type: numeric (double)  
           range: [0,20]                                  units: 1  
 unique values: 19                                  coded missing: 5581 / 8747

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	841	0		23	9
	567	1		37	10
	807	2		5	11
	431	3		18	12
	190	4		3	13
	94	5		1	14
	74	6		1	15
	32	7		3	16
	37	8		1	17
				1	20

f25lvrsz:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM - PAGE 10**  
 CSSCD FULL COHORT PATIENTS

f25lvrtn ----- LIVER TENDERNESS

type: numeric (double)  
 label: f25lvrtn

range: [1,2] units: 1  
 unique values: 2 coded missing: 1296 / 8747

tabulation:	Freq.	Numeric	Label
	7262	1	ABSENT
	189	2	PRESENT

f25lvrtn:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

f25splp ----- PALPABLE SPLEEN

type: numeric (double)  
 label: f25splp

range: [1,3] units: 1  
 unique values: 3 coded missing: 1247 / 8747

tabulation:	Freq.	Numeric	Label
	6774	1	NO
	622	2	YES
	104	3	SPLENECTOMIZED

f25splp:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age
2. Splenectomized was not a response choice on the 1/20/84 version of FORM 25.

f25spltp ----- SPLEEN-CM TIP PALPATED BELOW LCM

type: numeric (double)

range: [0,19] units: 1  
 unique values: 15 coded missing: 7751 / 8747

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	201	0		16	7
	176	1		13	8
	234	2		7	9
	143	3		3	10
	100	4		3	11
	64	5		2	12
	32	6		1	15
				1	19

f25spltp:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age
2. Required only if F25SPLP=2

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISIT FORM - PAGE 10**  
CSSCD FULL COHORT PATIENTS

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**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISTI FORM - PAGE 11**  
CSSCD FULL COHORT PATIENTS

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f25ruqsc ----- RUQ SURGICAL SCAR

type: numeric (double)  
label: f25ruqsc

range: [1,2] units: 1  
unique values: 2 coded missing: 1254 / 8747

tabulation:	Freq.	Numeric	Label
	6422	1	NO
	1071	2	YES

f25ruqsc:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

f25luqsc ----- LUQ SURGICAL SCAR

type: numeric (double)  
label: f25luqsc

range: [1,2] units: 1  
unique values: 2 coded missing: 1271 / 8747

tabulation:	Freq.	Numeric	Label
	7218	1	NO
	258	2	YES

f25luqsc:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age

f25gnmts ----- TANNER STAGING OF PHALLUS

type: numeric (double)  
label: f25gnmts

range: [1,5] units: 1  
unique values: 5 coded missing: 7534 / 8747

tabulation:	Freq.	Numeric	Label
	442	1	I
	179	2	II
	122	3	III
	172	4	IV
	298	5	V

f25gnmts:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age
2. Required only if male 10-19 years

**CODEBOOK FOR CSSCD FORM 25**  
**EXTENSION ANNUAL CLINIC VISTI FORM - PAGE 11**  
CSSCD FULL COHORT PATIENTS

---

f25gnmph ----- TANNER STAGING OF PUBIC HAIR

type: numeric (double)  
label: f25gnmph

range: [1,5] units: 1  
unique values: 5 coded missing: 7566 / 8747

tabulation:	Freq.	Numeric	Label
	469	1	I
	162	2	II
	109	3	III
	163	4	IV
	278	5	V

f25gnmph:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age
2. Required only if male 10-19 years

f25gnfph ----- TANNER STAGING OF PUBIC HAIR

type: numeric (double)  
label: f25gnfph

range: [1,5] units: 1  
unique values: 5 coded missing: 7613 / 8747

tabulation:	Freq.	Numeric	Label
	341	1	I
	153	2	II
	148	3	III
	164	4	IV
	328	5	V

f25gnfph:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age
2. Required only if female 10-19 years

f251u ----- LEG ULCER PRESENT

type: numeric (double)  
label: f251u

range: [1,2] units: 1  
unique values: 2 coded missing: 1241 / 8747

tabulation:	Freq.	Numeric	Label
	7340	1	NO
	166	2	YES

f251u:

1. Not required after 05/86 if > 5th annual and patient was entered at >= 6 months of age



4.7: Extension Annual Clinic Visit Form – Form 25

Questions Added to 07/15/86 Version of Form

f25cbchb ----- CBC HB (G|DL)

type: numeric (double)  
range: [3.3,15.5] units: .1  
unique values: 120 coded missing: 1640 / 8747  
mean: 9.09378  
std. dev: 1.86883  
percentiles: 10% 25% 50% 75% 90%  
6.9 7.7 8.8 10.4 11.7

f25cbchb:

1. Not required after 05/86 if > 5th annual visit and patient was entered at >= 6 months of age
2. Not required if patient was transfused within 4 months of visit (F25TRANS=2)

f25cbchc ----- CBC HCT (%)

type: numeric (double)  
range: [10.2,49.7] units: .1  
unique values: 334 coded missing: 1639 / 8747  
mean: 27.1802  
std. dev: 6.09633  
percentiles: 10% 25% 50% 75% 90%  
20.1 22.5 26.2 31.5 35.6

f25cbchc:

1. Not required after 05/86 if > 5th annual visit and patient was entered at >= 6 months of age
2. Not required if patient was transfused within 4 months of visit (F25TRANS=2)

f25bcbrb ----- CBC RBC (X 10(12)|L)

type: numeric (double)  
range: [.91,6.42] units: .01  
unique values: 450 coded missing: 1736 / 8747  
mean: 3.17651  
std. dev: .916166  
percentiles: 10% 25% 50% 75% 90%  
2.16 2.46 2.95 3.86 4.54

f25bcbrb:

1. Not required after 05/86 if > 5th annual visit and patient was entered at >= 6 months of age
2. Not required if patient was transfused within 4 months of visit (F25TRANS=2)

4.7: Extension Annual Clinic Visit Form – Form 25

Questions Added to 07/15/86 Version of Form

f25cbcwb ----- CBC WBC (X 10(9)|L)

type: numeric (double)  
range: [2.8,79] units: .1  
unique values: 278 coded missing: 1640 / 8747  
  
mean: 11.5329  
std. dev: 4.90238  
  
percentiles: 10% 25% 50% 75% 90%  
6.5 8.4 10.8 13.8 17

f25cbcwb:

1. Not required after 05/86 if > 5th annual visit and patient was entered at >= 6 months of age
2. Not required if patient was transfused within 4 months of visit (F25TRANS=2)
3. Value uncorrected for nRBCs.

f25bcmv ----- CBC MCV (FL)

type: numeric (double)  
range: [33,122] units: 1  
unique values: 69 coded missing: 1699 / 8747  
  
mean: 87.2946  
std. dev: 10.1284  
  
percentiles: 10% 25% 50% 75% 90%  
74 81 88 94 100

f25bcmv:

1. Not required after 05/86 if > 5th annual visit and patient was entered at >= 6 months of age
2. Not required if patient was transfused within 4 months of visit (F25TRANS=2)

f25retic ----- RETICULOCTYES (%)

type: numeric (double)  
range: [0,99.9] units: .1  
unique values: 374 coded missing: 1864 / 8747  
  
mean: 10.0713  
std. dev: 7.8629  
  
percentiles: 10% 25% 50% 75% 90%  
2 4 8.4 14 20.2

f25retic:

1. Not required after 05/86 if > 5th annual visit and patient was entered at >= 6 months of age
2. Not required if patient was transfused within 4 months of visit (F25TRANS=2)



4.7: Extension Annual Clinic Visit Form – Form 25

Questions Added to 07/15/86 Version of Form

f25urglc ----- URINALYSIS GLUCOSE

type: numeric (double)  
label: f25urglc

range: [1,5] units: 1  
unique values: 5 coded missing: 2227 / 8747

tabulation:	Freq.	Numeric	Label
	6467	1	NEG
	40	2	1+
	2	3	2+
	8	4	3+
	3	5	4+

f25urglc:

1. Not required after 05/86 if > 5th annual visit and patient was entered at >= 6 months of age
2. Required only if age>=3 years

f25urpro ----- URINALYSIS PROTEIN

type: numeric (double)  
label: f25urpro

range: [1,6] units: 1  
unique values: 6 coded missing: 2230 / 8747

tabulation:	Freq.	Numeric	Label
	5463	1	NEG
	464	2	TR
	287	3	1+
	181	4	2+
	88	5	3+
	34	6	4+

f25urpro:

1. Not required after 05/86 if > 5th annual visit and patient was entered at >= 6 months of age
2. Required only if age>=3 years

f25urmrh ----- URINALYSIS > 5 RBC|HPF

type: numeric (double)  
label: f25urmrh

range: [1,2] units: 1  
unique values: 2 coded missing: 2237 / 8747

tabulation:	Freq.	Numeric	Label
	190	1	PRESENT
	6320	2	ABSENT

f25urmrh:

1. Not required after 05/86 if > 5th annual visit and patient was entered at >= 6 months of age

**4.7: Extension Annual Clinic Visit Form – Form 25**

*Questions Added to 07/15/86 Version of Form*

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2. Required only if age  $\geq$  3 years



4.7: Extension Annual Clinic Visit Form – Form 25

Questions Added to 07/15/86 Version of Form

f25urmwh ----- URINALYSIS > 5 WBC|HPF

type: numeric (double)  
label: f25urmwh

range: [1,2] units: 1  
unique values: 2 coded missing: 2238 / 8747

tabulation:	Freq.	Numeric	Label
	681	1	PRESENT
	5828	2	ABSENT

f25urmwh:

1. Not required after 05/86 if > 5th annual visit and patient was entered at >= 6 months of age
2. Required only if age>=3 years

f25crtn ----- CREATININE (MG|DL)

type: numeric (double)

range: [.1,18] units: .1  
unique values: 64 coded missing: 2295 / 8747

mean: .67438  
std. dev: .725937

percentiles:	10%	25%	50%	75%	90%
	.3	.4	.6	.8	1

f25crtn:

1. Not required after 05/86 if > 5th annual visit and patient was entered at >= 6 months of age
2. Required only if age>=3 years

f25blrnb ----- TOTAL BILIRUBIN (MG|DL)

type: numeric (double)

range: [.1,22] units: .1  
unique values: 136 coded missing: 3166 / 8747

mean: 2.64347  
std. dev: 2.11238

percentiles:	10%	25%	50%	75%	90%
	.7	1.2	2.1	3.4	5.2

f25blrnb:

1. Not required after 05/86 if > 5th annual visit and patient was entered at >= 6 months of age
2. Required only if F25CYCLE=25 or 29 or 31 or 35 or 39 or 41



**4.7: Extension Annual Clinic Visit Form – Form 25**  
*Questions Added to 07/15/86 Version of Form*

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I. Collection Information:

The 07/15/86 version of **Form 25 (Extension Annual Clinic Visit Form)** was updated to include additional questions in the transfusion and contraception sections of the form. This section deals only with the additional transfusion items.

J. Data Collection Period: 07/86-09/88

K. Form Version Dates: 07/15/86

L. Files Used to Store Information:

SAS System File: **R25A.SD2**

Format File: **R25A.FMT**

M. Unique Record Identifiers: **ANONID, F25CYCLE**

N. Number of Observations (Patients) in SAS Dataset: 2115 (1887)

O. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See p. 301
- Listing of Variables by Position: See p. 302

P. Notes About Selected Variables:

- **F25ANTG1-4** – are variable names for red cell antigens. In a 2-character string beginning with “L,” the “L” stands for “little”—e.g., LE=e.
- **F25CHEL** – is the variable name for chelation therapy. On earlier versions of **FORM 25** (and on all routine visit forms used before 03/84), a value of “565” (which is the code for Desferal and other chelating agents) for the variable **F25MDCDE** (or **F17MDCDE**) indicates that the patient was receiving chelation therapy.

Q. Computed Variables: None

R. Inter-Relationship With Other Datasets:

1. See Section 4.6 (SAS dataset: **R25.SD2**) for other data collected on **Form 25**

**4.7: Extension Annual Clinic Visit Form – Form 25**  
*Questions Added to 07/15/86 Version of Form*

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2. Other datasets which store alloantibody information are:

- SAS Dataset **R27.SD2**

[See Section 5.4]

3. Transfusion visit data are stored in:

- SAS Dataset **R84.SD2**

[See Section 9.2]

4. Other datasets which store contraception data are:

- SAS Dataset **R1722.SD2**

[See Section 4.5]

- SAS Dataset **R25.SD2**

[See Section 4.6]

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*Questions 12a and 17 on 07/15/86 Version of Form*  
 CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R25A.SD2  
 DATA FROM CSSCD FORM 25 - EXTENSION ANNUAL CLINIC VISIT FORM  
 LIMITED TO QUESTION 12a ON 7/15/86 VERSION ONLY  
 VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION  
 IN THE SAS DATASET AND ON FORM 25  
 The SAS System 13:46 Friday, September 29, 2006 17

The CONTENTS Procedure

Data Set Name	OUT1.R25A	Observations	2115
Member Type	DATA	Variables	13
Engine	V9	Indexes	0
Created	16:27 Tuesday, September 26, 2006	Observation Length	88
Last Modified	16:27 Tuesday, September 26, 2006	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	8192
Number of Data Set Pages	24
First Data Page	1
Max Obs per Page	92
Obs in First Data Page	63
Number of Data Set Repairs	0
File Name	r25a.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 #
6	F25ANTG1	Char	3	RED CELL ANTIGEN 1
7	F25ANTG2	Char	3	RED CELL ANTIGEN 2
8	F25ANTG3	Char	3	RED CELL ANTIGEN 3
9	F25ANTG4	Char	3	RED CELL ANTIGEN 4
12	F25BCP	Num	8	BIRTH CONTROL PILLS
10	F25CHEL	Num	8	CHELATION THERAPY
11	F25CONT	Num	8	USED CONTRACEPTIVE
2	F25CYCLE	Num	8	CYCLE NUMBER
4	F25NTRN	Num	8	# OF TRANSFUSIONS IN LAST 12 MONTHS
5	F25SENS	Num	8	SENSITIZED TO RED CELL ANTIGENS
3	F25TRANS	Num	8	TRANSFUSED IN LAST 12 MONTHS
13	JF25DATE	Num	8	DATE OF VISIT - DAYS SINCE DOE

**CODEBOOK FOR CSSCD FORM 25**  
**Extension Annual Clinic Visit Form**  
*Questions 12a and 17 on 07/15/86 Version of Form*  
 CSSCD FULL COHORT PATIENTS

```
*****
*****
* R25A.FMT contains value labels for numerical codes assigned to
categorical*
* variables in the SAS dataset R25A.SD2
*
*****;

```

PROC FORMAT;

```
VALUE F25CYCLE
  25          = '25-INTAKE AT AGE 2'
  27          = '27-FIRST ANNUAL'
  29          = '29-2ND ANNUAL'
  31          = '31-3RD ANNUAL'
  33          = '33-4TH ANNUAL'
  35          = '35-FIFTH ANNUAL'
  37          = '37-SIXTH ANNUAL'
  39          = '39-SEVENTH ANNUAL'
  41          = '41-EIGHTH ANNUAL'
  43          = '43-NINTH ANNUAL';

```

\* FORMAT NO\_YES used for the following variables:F25TRANS F25SENS  
 F25BCP F25CHEL;

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

```

\* FORMAT N\_DK\_Y IS DEFINED FOR VARIABLE F25CONT;

```
VALUE N_DK_Y
  1          = 'NO'
  2          = 'DK'
  3          = 'YES';

```

```
FORMAT F25CYCLE F25CYCLE.
      MMDDYY8.
      F25TRANS F25SENS F25BCP F25CHEL NO_YES.
      F25CONT N_DK_Y.;
```

```
RUN;
QUIT;
```

**CODEBOOK FOR CSSCD FORM 25**  
**Extension Annual Clinic Visit Form**  
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 CSSCD FULL COHORT PATIENTS

---

F25CYCLE ----- CYCLE NUMBER

type: numeric (float)  
 label: F25CYCLE

range: [25,43] units: 1  
 unique values: 10 coded missing: 0 / 2115

tabulation:	Freq.	Numeric	Label
	87	25	25-INTAKE AT AGE 2
	92	27	27-FIRST ANNUAL
	100	29	29-2ND ANNUAL
	98	31	31-3RD ANNUAL
	63	33	33-4TH ANNUAL
	84	35	35-FIFTH ANNUAL
	385	37	37-SIXTH ANNUAL
	763	39	39-SEVENTH ANNUAL
	423	41	41-EIGHTH ANNUAL
	20	43	43-NINTH ANNUAL

F25TRANS ----- TRANSFUSED IN LAST 12 MONTHS

type: numeric (float)  
 label: F25TRANS

range: [1,2] units: 1  
 unique values: 2 coded missing: 18 / 2115

tabulation:	Freq.	Numeric	Label
	1686	1	NO
	411	2	YES





**CODEBOOK FOR CSSCD FORM 25**  
**Extension Annual Clinic Visit Form**  
*Questions 12a and 17 on 07/15/86 Version of Form*  
CSSCD FULL COHORT PATIENTS

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F25ANTG2 ----- RED CELL ANTIGEN 2

type: string (str3)

unique values: 9

coded missing: 2104 / 2115

tabulation:	Freq.	Value
	1	"C"
	1	"E"
	1	"JKA"
	1	"JKB"
	3	"K"
	1	"LC"
	1	"LE"
	1	"LEA"
	1	"LEB"

## 4.0: Routine Physical Exam and Laboratory Data – Overview

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F25ANTG3 ----- RED CELL ANTIGEN 3

type: string (str3)

unique values: 3

coded missing: 2111 / 2115

tabulation:	Freq.	Value
	1	"E"
	2	"K"
	1	"SDA"

F25ANTG4 ----- RED CELL ANTIGEN 4

type: string (str3)

unique values: 0

coded missing: 2115 / 2115

tabulation:	Freq.	Value
-------------	-------	-------

F25CHEL ----- CHELATION THERAPY

type: numeric (float)

label: F25CHEL

range: [1,2]

units: 1

unique values: 2

coded missing: 55 / 2115

tabulation:	Freq.	Numeric	Label
	2014	1	NO
	46	2	YES

#### 4.0: Routine Physical Exam and Laboratory Data – Overview

F25CONT ----- USED CONTRACEPTIVE

type: numeric (float)  
label: F25CONT

range: [1,3] units: 1  
unique values: 3 coded missing: 1461 / 2115

tabulation:	Freq.	Numeric	Label
	397	1	NO
	1	2	DK
	256	3	YES

F25BCP ----- BIRTH CONTROL PILLS

type: numeric (float)  
label: F25BCP

range: [1,2] units: 1  
unique values: 2 coded missing: 1899 / 2115

tabulation:	Freq.	Numeric	Label
	132	1	NO
	84	2	YES

F25BCP:

1. Required only if F25CONT=3.

F25BCPN ----- NAME OF BIRTH CONTROL PILL

**DELETED**

type: numeric (float)  
label: F25BCPN

range: [1,11] units: 1  
unique values: 11 coded missing: 2033 / 2115

tabulation:	Freq.	Numeric	Label
	9	1	ORTHONOVUM 1-35
	7	2	ORTHONOVUM 1-50
	9	3	ORTHONOVUM 777
	14	4	LO-OVRAL
	4	5	OVRAL
	6	6	NORINYL 1+35
	1	7	NORINYL 1+50
	5	8	TRINORINYL
	1	9	TRIFASIL
	5	10	NOR-Q.D.
	21	11	OTHER

F25BCPN:

1. Required only if F25BCP=2.

\_dta:

1. Rerun on 08/15/99.

## 4.0: Routine Physical Exam and Laboratory Data – Overview

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