



**W11 SURVEY OF VIRAL, BACTERIAL, PARASITIC
AND FUNGAL INFECTIONS DURING PREGNANCY**

The Survey of Viral, Bacterial, Parasitic and Fungal Infections During Pregnancy work file is made up of four card types, one for each type of infection. In the NINCDs User's Guide, the four card types are known as W11A, W11B, W11C and W11D.

W11A SURVEY OF VIRAL INFECTIONS DURING PREGNANCY

The survey of viral infections during pregnancy card contains data on cases with known or presumed viral infections as reported on the OB-60 form, with confirmation of the infections in the study record. In addition to these cases, the file includes cases of serologically confirmed rubella (not reported on OB-60), puerperal viral infections and serology codes for mumps, rubella, chickenpox and measles.

W11B SURVEY OF BACTERIAL INFECTIONS DURING PREGNANCY

The survey of bacterial infections during pregnancy card contains data on cases for which the following conditions were reported on the OB-60 form:

- known or presumed bacterial infections
- syphilis
- gonorrhea
- KUB with positive urine culture
- TBC active (during this pregnancy)
- pneumonia (during this pregnancy)
- rheumatic fever (during this pregnancy)

Each of the above diseases or infections must have been confirmed in the study record.

In addition to these cases, the file includes cases of puerperal bacterial infections.

W11C SURVEY OF PARASITIC INFECTIONS DURING PREGNANCY

The survey of parasitic infections during pregnancy card contains data on cases with known or presumed parasitic infections as reported on the OB-60 form, with confirmation of the infections in the study record. In addition to these cases, the file includes cases of puerperal parasitic infections.

W11D SURVEY OF FUNGAL INFECTIONS DURING PREGNANCY

The survey of fungal infections during pregnancy card contains data on cases with known or presumed fungal infections as reported on the OB-60 form, with confirmation of the infections in the study record. In addition to these cases, the file includes cases of puerperal fungal infections.

TAPE CHARACTERISTICS

This work file contains 10,224 records; each record is an 80 column card image. The tape is a 1600 bpi 9 track tape with 4000 characters per block.

This file has a structure similar to that of the master file; the records are ordered by NINDB case number. The number of cards for each NINDB number is dependent on the number of infections reported by the mother; one NINDB case number might have a viral infection card and a bacterial infection card, another might have three viral infection cards.

Each card image has a format similar to that of the master file; columns 1-4 are the form number, 0893, column 5 is the card number and columns 6-14 are the NINDB case number. It is the card number which distinguishes between the four types of cards; a 0 or a 1 indicates viral infection cards; a 2, bacterial infections; a 3, parasitic infections; and a 4, fungal infections.

Within a given card type, it is the card sequence number, column 19, which differentiates one infection from the next. For a mother with two bacterial infections there would be two cards with "08932" in columns 1-5 and her NINDB case number in columns 6-14. For both cards, column 15, number of different bacterial infections, would be "2," but column 19, card sequence number would be a "1" for the first card and a "2" for the second card.

A sample of the cards from this work file will help clarify the above description.

08933AAAAAA2911221 ...
08932AAAAAA2911421 ...
08930BBBBBB1920121 ...
08930BBBBBB1921322 ...

The first two cards (NINDB case number AAAAAA29) represent a patient with a single parasitic infection and a single bacterial infection. The last two cards (NINDB case number BBBB8819) represent a patient with two viral infections.

TABLE OF DATA TYPES

Survey of viral infections during pregnancy

DATA TYPE	DATA TYPE NAME
TYPE IN	NUM FROM TO
6347..W-11A 0893X	1 4 CARD NUMBER (0893)
6348..W-11A 0893X	5 5 REVIEWER CODE: MOTHER, GENERAL, ADMINISTRATIVE
6349..W-11A 0893X	6 14 MINDR CASE NUMBER
6350..W-11A 0893X	15 15 INFECTIONS VIRAL, NUMBER DURING PREGNANCY: MOTHER, PRENATAL, DIAGNOSIS & CONDITIONS
6351..W-11A 0893X	16 17 VIRAL AGENT, NUMBER OF: MOTHER, PRENATAL, DIAGNOSIS & CONDITIONS
6352..W-11A 0893X	18 18 INFECTIONS VIRAL, ONSET, PRESENT MOTHER, PRENATAL, EVENT
6353..W-11A 0893X	19 19 INFECTIONS VIRAL, CARD SEQUENCE NUMBER: MOTHER, PRENATAL, ADMINISTRATIVE
6354..W-11A 0893X	20 25 LMP, FROM MM-YY, FIRST DATE (MM/DD/YY): MOTHER, PRECONCEPTION, GYNCOLOGICAL HISTORY
6355..W-11A 0893X	26 26 INFECTIONS VIRAL, ONSET, DATE (MM/DD/YY): MOTHER, PRENATAL, EVENT
6356..W-11A 0893X	27 30 RECEIVED: MOTHER, GENERAL, SOCIOECONOMIC INFO
6357..W-11A 0893X	31 32 AGE (YEARS): MOTHER, REGISTRATION, CURRENT PREGNANCY
6358..W-11A 0893X	33 38 MENSTRUATION PERIOD (LMP, FIRST DAY (MM/DD/YY)): MOTHER, PRECONCEPTION, GYNCOLOGICAL HISTORY
6359..W-11A 0893X	39 42 INFECTION, CLINICAL: VIRAL CODE: MOTHER, PRENATAL, DIAGNOSIS & CONDITIONS
6360..W-11A 0893X	43 43 INFECTION, CLINICAL: VIRAL SEROLOGY: MOTHER, PRENATAL, SEROLOGY
6361..W-11A 0893X	44 44 MINDR
6362..W-11A 0893X	45 52 MINDR CASE NUMBER, TACHYCARDIA CONTROL CODE: MOTHER, GENERAL, SEROLOGY
6363..W-11A 0893X	53 53 CORE: MOTHER, GENERAL, ADMINISTRATIVE
6364..W-11A 0893X	54 54 SEX: FEMALE, GENERAL, SOCIOECONOMIC INFO
6365..W-11A 0893X	55 56 GESTATION AT DELIVERY (WEEKS): FEMALE, DELIVERY, MEDICAL HISTORY
6366..W-11A 0893X	57 60 LMP CONVERSION (WEEKS): MOTHER, PRECONCEPTION, MEDICAL HISTORY
6367..W-11A 0893X	61 61 SOCIOECONOMIC INDEX, AT PRESENTATION: FAMILY, REGISTRATION, SOCIOECONOMIC INFO
6368..W-11A 0893X	62 63 PRIORITY, PREGNANCIES, TOTAL NUMBER OF PRIOR NON-ABORTION OF 20 WEEKS OR GREATER: MOTHER, PRECONCEPTION, REPRODUCTIVE HISTORY
6369..W-11A 0893X	64 65 MINDR

*0893X means 08930 or 08931; see the code sheet.

ADDITIONAL INFORMATION TO HEADINGS

DATA	CARD	FROM	TO	DATA ITEM NAME
6370..W-11A 00032	1	5	Card number 10003201	
6371..W-11A 00032	6	14	MINDA case number	
6372..W-11A 00032	15	16	Infections: bacteriemia, number during pregnancy: MOTHER, PRENATAL, DIAGNOSIS & CONDITIONS	
6373..W-11A 00032	16	16	Bacteriemia agent, description of: MOTHER, PRENATAL, DIAGNOSIS & CONDITIONS	
6374..W-11A 00032	17	17	Infections: bacteriemia, specific nature of illness: MOTHER, PRENATAL, DIAGNOSIS & CONDITIONS	
6375..W-11A 00032	18	18	Infections: bacteriemia, onset, trimester: MOTHER, PRENATAL, EVENT	
6376..W-11A 00032	19	19	Infections: bacteriemia, card sequence number: MOTHER, PRENATAL, ADMINISTRATIVE	
6377..W-11A 00032	20	24	LMP, from 2K-1, first date (mo/day/yr): MOTHER, PRECONCEPTION, GYNECOLOGICAL HISTORY	
6378..W-11A 00032	26	26	Infections: bacteriemia, onset, date (mo/yr): MOTHER, PRENATAL, EVENT	
6379..W-11A 00032	30	30	PARENT: MOTHER, GENERAL, SOCIOECONOMIC INFO	
6380..W-11A 00032	31	32	AGE (YRS): MOTHER, REGISTRATION, CURRENT PREGNANCY	
6381..W-11A 00032	33	38	Blank	
6382..W-11A 00032	39	42	Infection, clinical: bacteriemia, code: MOTHER, PRENATAL, DIAGNOSIS & CONDITIONS	
6383..W-11A 00032	43	43	Infection, clinical: bacteriemia, serology: MOTHER, PRENATAL, SEROLOGY	
6384..W-11A 00032	44	44	Synthetic, type: MOTHER, PRENATAL, DIAGNOSIS & CONDITIONS	
6385..W-11A 00032	45	47	Infections: bacteriemia: KUM, occurrences by trimester: MOTHER, PRENATAL, DIAGNOSIS & CONDITIONS	
6386..W-11A 00032	48	52	Blank	
6387..W-11A 00032	53	53	CORE: MOTHER, GENERAL, ADMINISTRATIVE	
6388..W-11A 00032	54	54	SEX: CHILD, GENERAL, SOCIOECONOMIC INFO	
6389..W-11A 00032	55	56	Location at delivery (city): CHILD, DELIVERY, MEDICAL HISTORY	
6390..W-11A 00032	57	60	LMP conversion (date): MOTHER, PRECONCEPTION, MEDICAL HISTORY	
6391..W-11A 00032	61	61	Socioeconomic index, at registration: FAMILY, REGISTRATION, SOCIOECONOMIC INFO	
6392..W-11A 00032	62	63	Parity, pregnancies, total number of prior pregnancies of 20 who operation or treatment: MOTHER, PRECONCEPTION, HISTORY	
6393..W-11A 00032	64	66	Blank	

TABLE OF DATA TYPE

Survey of parasitic infections during pregnancy				DATA TYPE NAME	
DATA CARD	ITEM IN	NUM	END	PD	
6304..W-11C 00033	1	5			Card number (00033=)
6305..W-11C 00033	6	14			MINOR case number
6306..W-11C 00033	13	15			Infection: parasitic, number during pregnancy: mother, prenatal, diagnosis & condition
6307..W-11C 00033	16	16			Parasitic agent, name of mother, prenatal, diagnosis & condition
6308..W-11C 00033	17	17			Infection: parasitic, specific nature of illness: mother, prenatal, diagnosis & condition
6309..W-11C 00033	18	18			Infection: parasitic, onset, trimester: mother, prenatal, event
6310..W-11C 00033	19	19			Infection: parasitic, card sequence number: mother, prenatal, administrative
6311..W-11C 00033	20	24			IMP, first date (mo/day/yr): mother, preconception, gynecological history
6312..W-11C 00033	26	29			Infection: parasitic, onset, date (mo/yr): mother, prenatal, event
6313..W-11C 00033	30	30			Race: mother, general, socioeconomic info
6314..W-11C 00033	31	32			Age: mother, registration, current pregnancy
6315..W-11C 00033	33	38			Blank
6316..W-11C 00033	39	42			Infection, clinical: parasitic, code: mother, prenatal, diagnosis & condition
6317..W-11C 00033	41	43			Infection, clinical: parasitic serology: mother, prenatal, serology
6318..W-11C 00033	44	52			Blank
6319..W-11C 00033	53	54			Core: mother, general, administrative
6320..W-11C 00033	55	56			Sex: child, general, socioeconomic info
6321..W-11C 00033	57	60			Pregnancy at delivery (wks): child, delivery, medical history
6322..W-11C 00033	58	61			IMP conversion (wks): mother, preconception, medical history
6323..W-11C 00033	61	61			Socioeconomic index, at registration: family, registration, socioeconomic info
6324..W-11C 00033	62	63			Parity, pregnancies, total number of prior non-abortion of 20 wks gestation or greater: mother, preconception, reproductive history
6325..W-11C 00033	64	60			Blank

TABLE OF DATA TYPES

Survey of Fungal Infections during Pregnancy

DATA ITEM	IN	NUM	FROM	TO	DATA ITEM NAME
6418..W-110	00034	1	4		Card number (0000000000)
6419..W-110	00034	6	14		WIDA case number
6418..W-110	00034	15	15		Infection: fungal, number during pregnancy: mother, prenatal, diagnosis: 6
6419..W-110	00034	16	17		Diagnosis: 6 conditions
6420..W-110	00034	18	18		Fungal agent, nature of: mother, prenatal, diagnosis: 6
6421..W-110	00034	19	19		Infection: fungal, onset, trimester: mother, prenatal, every
6422..W-110	00034	20	24		Infection: fungal, card sequence number: mother, prenatal, every
6423..W-110	00034	20	24		IMP, from AK-1, first date (ss/day/yr): mother, preconception, every
6423..W-110	00034	26	29		Infection: fungal, onset, date (ss/day/yr): mother, prenatal, every
6424..W-110	00034	30	30		Recet: mother, general, socioeconomic info
6425..W-110	00034	31	32		Age: mother, registration, current pregnancy
6426..W-110	00034	33	34		Blank
6427..W-110	00034	39	42		Infection, clinical: fungal, code: mother, prenatal, diagnosis: 6 conditions
6428..W-110	00034	43	43		Infection, clinical: fungal, serology: mother, prenatal, every
6429..W-110	00034	44	52		Blank
6430..W-110	00034	53	53		Core: mother, general, administrative
6431..W-110	00034	54	54		Sex: child, general, socioeconomic info
6432..W-110	00034	55	56		Gestation at delivery (wks): child, delivery, medical history
6433..W-110	00034	57	60		IMP conversion (wks): mother, preconception, medical history
6434..W-110	00034	61	61		Socioeconomic index, at registration: family, registration, every
6435..W-110	00034	62	63		Parity, preconception, total number of prior non-abortion of 20 wks
6436..W-110	00034	64	64		Gestation or greater: mother, preconception, reproductive history
6436..W-110	00034	64	64		Blank

DEFINITION OF CODES
SURVEY OF VIRAL INFECTIONS IN PREGNANCIES
CARDS 08930-08931

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Form Number</u> Code: 0893	1-4
2. <u>Card Number</u> Code: 0 - Reviewed by Dr. White 1 - Reviewed by Dr. Sever's staff	5
3. <u>NINDS Number</u> Nine-digit number for Patient Identification Code: As given	6-14
4. <u>Number of Different Viral Infections Occurring during Pregnancy</u> Code: 0-8 - As given 9 = Unknown	15
5. <u>Nature of the Agent and Specific Nature of the Illness</u> Code: <u>Possibly Viral (Non-diagnosed)</u> 00 - Systemic; nonlocalized 01 - Sore throat; pharyngitis; laryngitis; tonsillitis; "strep" throat 02 - Gastroenteritis; enteritis; dysentery; diarrhea; intestinal flu 09 - Other Blank - Unknown <u>Definite or Presumed Viral (M.D. diagnosed)</u> 10 - Systemic; nonlocalized; shaking chills; fever; aches and pains 11 - URI; cold, flu; influenza; gripe 12 - Rubella; german measles 13 - Conjunctivitis; pink eye 14 - Mumps; parotitis 15 - Chickenpox; varicella 16 - Herpes simplex; cold sore 17 - Measles; rubeola; regular measles 18 - Exposure 19 - Intestinal flu; diarrhea Blank - Unknown	16-17

Definition of Codes (Cont.)

Cards 08930-08931

<u>FIELD</u>	<u>CARD COLUMN</u>
6. <u>Trimester of Onset of Illness</u> Code: 0 - Unknown 1 - First 2 - Second 3 - Third 4 - 1 and 2 5 - 1 and 3 6 - 2 and 3 7 - 1, 2 and 3 8 - Postpartum	18
7. <u>Card Sequence Number</u> Code: As given for each infection	19
8. <u>Date of IMP (AR-1)</u> Six digit code for: Month - (cols. 20-21) Day - (cols. 22-23) Year - (cols. 24-25) Code: As given 99 Month, day and/or year unknown	20-25
9. <u>Date of Onset of Illness</u> Four digit code for: Month - (cols. 26-27) Year - (cols. 28-29) Code: As given 99 - Month and/or year unknown	26-29
10. <u>Race</u> Code: 1 - White 2 - Negro 3 - Oriental 4 - Puerto Rican 8 - Other 9 - Unknown	30
11. <u>Age at Registration</u> Code: 10-58 - As given 99 - Unknown	31-32

Definition of Codes (Cont.)

Cards 08930-08931

FIELD

CARD
COLUMN

12. LMP (VAR FILE) (Rev. "1 & 0" only)

33-38

Six digit code for:

Month - (cols. 33-34)

Day - (cols. 35-36)

Year - (cols. 37-38)

Code: As given

Blank - Not on Rev. "0"

99 - Month, day and/or year unknown

13. Clinical Infections

39-42

Code: 0001 Influenza/"flu"-like illness
0002 Cold sore/herpesvirus hominis
0003 Viral gastroenteritis
0004 Viral laryngo-pharyngitis/tonsillitis
0005 Mumps
0006 Rubella
0007 Chickenpox/herpes zoster
0008 Viral bronchitis
0009 Measles
0010 Viral conjunctivitis
0011 Viral pneumonitis
0012 Infectious mononucleosis
0013 Pleurodynia
0014 Warts
0015 Hepatitis
0016 Other
0017 Systemic
0018 Inapparent rubella
0019 Positive serology mumps
0020 Positive serology rubella
0021 Positive serology chickenpox
0022 Positive serology measles

14. Clinical Infection Serology

43

Code: 1 - Seroconversion
2 - Equal to or greater than 4-fold rises -
Boost in antibody
3 - High titer with clinical infection
4 - Equal / or greater than 4-fold drops -
Drop in antibody
5 - Low titer - None of the above
6 - No Sera
7 - Not tested

NOTE: Column 44 is blank.

Definitions of Codes (Cont.)

Card 08930-08931

<u>FIELD</u>	<u>CARD COLUMN</u>
15. <u>NINDS Number</u> Eight - Digit number for control identification code: as given	45-52
16. <u>Core</u> 1 = Core 7 = Non-Core	53
17. <u>Sex</u> 1 = Male 2 = Female 3 = Undetermined 9 = Unknown	54
18. <u>Gestation At Delivery (wks)</u> 00 = Lost to Study 01-50 = As given 51-99 = Unknown	55-56
19. <u>LMP CONVERSION (wks)</u> $(YR \times 52) + (Mo. \times 4) + (Day \div 7)$	57-60
20. <u>Socio-Economic Index at Registration</u> 1 = Index 0.0 - 1.9 2 = Index 2.0 - 3.9 3 = Index 4.0 - 5.9 4 = Index 6.0 - 7.9 5 = Index 8.0 - 9.5 9 = Unknown	61
21. <u>Parity</u> (Prior Non-abortions Greater than or Equal to 20 weeks gestation) 00 - Prior pregnancy but no prior viable 01-28 - Number of prior viables 88 - No prior pregnancy 99 - Unknown	62-63

*NOTE: More than one card may be present with cols. 1-63 as above.
Card sequence number is in col. 19.

DEFINITION OF CODES
SURVEY OF BACTERIAL INFECTIONS IN PREGNANCIES
CARD 08932

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Form Number</u> Code: 0893	1-4
2. <u>Card Number</u> Code: 2	5
3. <u>NINDS Number</u> Nine-digit number of Patient Identification Code: As given	6-14
4. <u>Number of Different Bacterial Infections Occurring during Pregnancy</u> Code: 0-8 - As given 9 - Unknown	15
5. <u>Nature of the Agent</u> Code: Blank - Postpartum Infection 0 - Possibly Bacterial (Not Diagnosed) 1 - Definite or presumed bacterial (M.D. Diagnosed)	16
6. <u>Specific Nature of the Illness</u> Code: Blank - Postpartum Infection 0 - Systemic; nonlocalized (FUO) 1 - <u>Head</u> - sore throat; pharyngitis; gingivitis; laryngitis; tonsillitis; "strap-like" throat; Vincent's angina sty; Chalazion; Pyorrhea; otitis; conjunctivitis; URI; Sinusitis 2 - <u>GI</u> - Gastroenteritis; enteritis; dysentery; diarrhea; intestinal flu 3 - <u>Skin</u> - furuncles; folliculitis; insect bite; wound; impetigo; acne; local abscess (other than breast) 4 - <u>EYE</u> 5 - Pulmonary; lower respiratory; bronchitis 6 - Breast 7 - Amnionitis 8 - Venereal Disease 9 - Mastoiditis; pertussis	17

Definition of Codes (Cont.)

Card 08932

FIELD

CARD
COLUMNS

7. Trimester of Illness
Code: 0 - Unknown
1 - First
2 - Second
3 - Third
4 - 1 and 2
5 - 1 and 3
6 - 2 and 3
7 - 1, 2 and 3
8 - Postpartum
18
- *8. Card Sequence Number
Code: As given for each infection
19
9. Date of LMP
Six digit code for:
Month - (cols. 20-21)
Day - (cols. 22-23)
Year - (cols. 24-25)
Code: As given
99 - Month, day and/or year unknown
20-25
10. Date of Onset of Illness
Four digit code for:
Month - (cols. 26-27)
Year - (cols. 28-29)
Code: As given
99 - Month and/or year unknown
26-29
11. Race
Code: 1 - White
2 - Negro
3 - Oriental
4 - Puerto Rican
8 - Other
9 - Unknown
30
12. Age at Registration
Code: 10-58 - As given
99 - Unknown
31-32

*NOTE: More than one card may be present with cols. 1-63 as above.
Card sequence number is in col. 19.

Definition of Codes (Cont.)

Card 08932

FIELD

CARD
COLUMN

13. Blank

33-38

14. Clinical Infections
Code:

39-42

Upper Respiratory

1001	Pharyngitis
1002	Tonsillitis
1003	Sinusitis
1004	Strep-like Throat
1005	"Strep" Throat
1006	UPI
1007	Swollen Glands
1008	Laryngitis

Skin

2001	Boils/furuncles
2002	Acne

Local Abscesses

2101	Axillary
2102	Thigh
2103	Buttock
2104	Vulvar
2105	Labia Majora
2106	Legs
2107	Finger
2108	Facial
2109	Abdomen
2110	Knee
2111	Groin

Other Abscesses

2121	Peritonsillar
2122	Tonsillar
2123	Pilonidal Cyst
2124	Ear
2125	Bartholin
2126	Pari-rectal
2127	Retro-Peritoneal
2128	Abdominal Surgical Wound
2129	Pott's

Definition of Codes (Cont.)

Card 08932

FIELD

CARD
COLUMN

14. Clinical Infections (Cont.)

39-42

Skin Infections

	<u>Local</u>
2201	Foot
2202	Hand
2203	Face
2210	Sebaceous Cyst
2211	Pyoderma
2212	Surgical Wound Infections
2213	Lymphangitis
2214	Epidermoid Cyst Nons Pubis
2215	Staph Infection of Skin
2216	Omphalitis
2217	Ulcer on Leg (Beta Strep.)
2218	Seborrheic Dermatitis
2219	Infected Burn
2220	Cellulitis
2230	Impetigo
2240	Folliculitis
2250	Paronychia
2260	Hidradenitis
2270	Ecthyma

Mouth Conditions

3001	Abscessed Teeth
3002	Gingivitis
3003	Vincent's Angina
3101	Gum Abscesses
3102	Alveolar Abscesses
3103	Peri Alveolar Abscesses
3104	Periodontal Abscesses
3105	Palatal Abscesses
3200	Pyorrhea
3300	Stomatitis
3400	Pyogenic Granuloma
3500	Infected Tooth Nerve

Ear Infections

4001	Otitis Media
4002	Otitis Externa
4003	Labyrinthitis

Definition of Codes (Cont.)

Card 08932

FIELD

CARD
COLUMN

14. Clinical Infections (Cont.)

39-42

Eye Conditions

5001	Conjunctivitis and Eye Infections
5002	Sty
5003	Chalazion
5004	Blepharitis
5005	Dacryocystitis

Lower Respiratory Tract

6001	Bronchitis
6002	Pneumonia
6003	Tracheobronchitis
6004	Pulmonary Tbc.
6005	Emphysema
6006	Pleurisy

Gastrointestinal

7001	Simple
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Dysentery

7101	Salmonella
7102	Shigella

Breast

8001	Small Abscess (R) Areola
8002	Staph. Mastitis with abscess
8003	Boil (L) Breast

Other Conditions

	<u>Reproductive Tract Infections</u>
9101	Salpingitis and Peritonitis
9102	Intrauterine Inf. Before Del.
9103	Pelvic Inflammatory Disease
9104	Non. Staph. Albus Vagina
9105	Salpingitis
9106	Anaerobic Strep. Cervical
9107	Endometritis or vaginitis
9108	Amnionitis
9200	Septicemia
9201	Tbc. Adenitis
9202	Mastoiditis
9203	GC-Conjunctivitis
9204	Renal Tbc.
9112	Puerperal Infections not elsewhere classified
9109	Infected Episiotomy
9110	Peritonitis
9111	Mastitis

Definition of Codes (Cont.)

Card 08932

FIELD

CARD
COLUMN

14. Clinical Infections (Cont.)

39-42

Other Conditions (Cont.)

Reproductive Tract Infections (Cont.)

9205	Scarlet Fever
9206	Erysipelas
9207	Possible Pertussis
9208	Meningococcal Meningitis
9209	Proteus Rittgeri in Uterine
9210	Systemic - non localized
9992	Syphilis during pregnancy with Serology code
*9993	Rheumatic Fever (Acute) During Pregnancy
*9994	Pneumonia During Pregnancy
*9995	Tbc (Active) During Pregnancy
*9996	KUB (Positive Urine Culture) During Pregnancy
*9997	Syphilis During Pregnancy
*9998	Gonorrhea During Pregnancy
9991	KUB (Positive Urine Culture & Fever) During Pregnancy

*Do not include with 9000 series in tabs.

15. Clinical Infection Serology

43

- Code: 1 - Seroconversion
2 - Equal to or greater than 4-fold rises -
Boost in antibody
3 - High titer with clinical infection
4 - Equal to or greater than 4-fold drops -
Drop in antibody
5 - Low titer - None of the above
6 - No Sera
7 - Not tested

16. Type of Syphilis

44

- Code: 1 - Primary Syphilis during pregnancy
2 - Active flare-ups during pregnancy
3 - Congenital Lues (active flare-ups) during pregnancy

17. Number of Occurrences (Applicable to code 9991 only)

45-47

- First Trimester (col. 45)
Second Trimester (col. 46)
Third Trimester (col. 47)

- Code: 1-7 - As given
8 - 8 or more times
9 - Not applicable or unknown.

NOTE: Columns 48-52 are blank.

Definitions of Codes (Cont.)

Card 08932

FIELD

CARD
COLUMN

18. Core
 1 = Core
 7 = Non-Core
53
19. Sex
 1 = Male
 2 = Female
 3 = Undetermined
 9 = Unknown
54
20. Gestation At Delivery (wks)
 00 = Lost to Study
 01-50 = As given
 51-99 = Unknown
55-56
21. LMP CONVERSION (wks)
 (YR x 52) + (Mo. x 4) + (Day 7)
57-60
22. Socio-Economic Index at Registration
 1 = Index 0.0 - 1.9
 2 = Index 2.0 - 3.9
 3 = Index 4.0 - 5.9
 4 = Index 6.0 - 7.9
 5 = Index 8.0 - 9.5
 9 = Unknown
61
23. Parity
 (Prior Non-abortions Greater than or Equal to 20 weeks gestation)
 00 - Prior pregnancy but no prior viable
 01-28 - Number of prior viables
 88 - No prior pregnancy
 99 - Unknown
62-63

DEFINITION OF CODES
SURVEY OF PARASITIC INFECTIONS IN PREGNANCIES
CARD 08933

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Form Number</u> Code: 0893	1-4
2. <u>Card Number</u> Code: 3	5
3. <u>NINDS Number</u> Nine-digit number for Patient Identification Code: As given	6-14
4. <u>Number of Different Parasitic Infections Which Occurred during Pregnancy</u> Code: 0-8 - As given 9 - Unknown	15
5. <u>Nature of the Agent</u> Code: Blank - Postpartum Infection 0 - Possibly Parasitic (Non Diagnosed) 1 - Definite or presumed Parasitic (NO. Diagnosed)	16
6. <u>Specific Nature of the Illness</u> Code: Blank - Postpartum Infection 0 - <u>Systemic</u> - Malaria 2 - <u>GI</u> - Roundworms; hookworms; whipworms; pinworms; bilharziasis; Giardia lamblia; amebiasis 3 - <u>Skin</u> - Ringworm; pediculosis; scabies; insect bites 9 - Toxoplasmosis; infectious mononucleosis; trichomonas	17
7. <u>Trimester of Onset of Illness</u> Code: 0 - Unknown 1 - First 2 - Second 3 - Third 4 - 1 and 2 5 - 1 and 3 6 - 2 and 3 7 - 1, 2 and 3 8 - Postpartum	18
*8. <u>Card Sequence Number</u> Code: As given for each illness	19

Definition of Codes (Cont.)

Card 08933

FIELD

CARD
COLUMN

9. Date of LMP
Six digit code for:
 Month - (cols. 20-21)
 Day - (cols. 22-23)
 Year - (cols. 24-25)
Code: As given
 99 - Month, day and/or year unknown
26-25
10. Date of Onset of Illness
Four digit code for:
 Month - (cols. 26-27)
 Year - (cols. 28-29)
Code: As given
 99 - Month and/or year unknown
26-29
11. Race
Code: 1 - White
 2 - Negro
 3 - Oriental
 4 - Puerto Rican
 8 - Other
 9 - Unknown
30
12. Age at Registration
Code: 10-58 - As given
 99 - Unknown
31-32
13. Blank
33-38
14. Clinical Infection
Code:
 0101 - Pinworms
 0102 - Scabies
 0103 - Pediculosis
 0104 - Whipworms
 0105 - Ringworm
 0106 - Amebiasis
 0107 - Hookworm
 0108 - Trichomonas
 0109 - Bilharziasis
 0110 - Giardia lamblia
 0111 - Malaria
 0112 - Round worms
 0113 - Trichostrongylus
 0114 - Toxoplasmosis
 0115 - Worms - unknown type
39-42

*NOTE: More than one card may be present with cols. 1-63 as above.
Card sequence number is in col. 19.

Definitions of Codes (Cont.)

Card 08933

FIELD

CARD
COLUMN
43

15. Clinical Infection Serology

code: 1 - Seroconversion
2 - Equal to or greater than 4-fold rises -
Boost in antibody
3 - High titer with clinical infection
4 - Equal to or greater than 4-fold drops -
Drop in antibody
5 - Low titer - None of the above
6 - No Sera
7 - Not tested

16. Core

1 = Core
7 = Non-Core

53

17. Sex

1 = Male
2 = Female
3 = Undetermined
9 = Unknown

54

18. Gestation At Delivery (wks)

00 = Lost to Study
01-50 = As given
51-99 = Unknown

55-56

19. LMP CONVERSION (wks)

$(YR \times 52) + (Mo. \times 4) + (Day \ 7)$

57-60

20. Socio-Economic Index at Registration

1 = Index 0.0 - 1.9
2 = Index 2.0 - 3.9
3 = Index 4.0 - 5.9
4 = Index 6.0 - 7.9
5 = Index 8.0 - 9.5
9 = Unknown

61

21. Parity

(Prior Non-abortions Greater than or Equal to 20 weeks gestation)

00 - Prior pregnancy but no prior viable
01-28 - Number of prior viables
88 - No prior pregnancy
99 - Unknown

62-63

NOTE: Columns 44-52 are blank.

DEFINITION OF CODES
SURVEY OF FUNGAL INFECTIONS IN PREGNANCIES
CARD 08934

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Form Number</u> Code: 0893	1-4
2. <u>Card Number</u> Code: 4	5
3. <u>MINDS Number</u> Nine-digit number for Patient Identification Code: As given	6-14
4. <u>Number of Different Fungal Infections Which Occurred during Pregnancy</u> Code: 0-8 - As given 9 - Unknown	15
5. <u>Nature of Agent and Specific Nature of the Illness</u> Code: <u>Possibly Fungal (Non-Diagnosed)</u> 01 - <u>Head</u> - External Otitis; cellulitis of ear canal 03 - <u>Skin</u> - Tinea Circinata; fungal dermatitis <u>Definite or Presumed Fungal (M.D. Diagnosed)</u> 10 - <u>Systemic</u> - Histoplasmosis 11 - <u>Head</u> - ear infection; oral thrush; monilial stomatitis 13 - <u>Skin</u> - Epidermophytosis; tinea versicolor; tinea circinata; tinea pedis; tinea corporis; tinea capitis; ringworm; infection of nail bed; fungus infection of toe nail; dermatitis 14 - <u>KUB</u> - Yeast 19 - <u>Other</u> - Monilial vaginitis	16-17
6. <u>Trimester of Illness</u> Code: 0 - Unknown 1 - First 2 - Second 3 - Third 4 - 1 and 2 5 - 1 and 3 6 - 2 and 3 7 - 1, 2 and 3 8 - Postpartum	18
*7. <u>Card Sequence Number</u> Code: As given for each infection	19

Definition of Codes (Cont.)

Card 08934

FIELD

CARD
COLUMN

8. Date of LMP
Six-digit code for:
 Month - (cols. 20-21)
 Day - (cols. 22-23)
 Year - (cols. 24-25)
Code: As given
 99 - Month, day and/or year unknown
20-25
9. Date of Onset of Illness
Four digit code for:
 Month - (cols. 26-27)
 Year - (cols. 28-29)
Code: As given
 99 - Month and/or year unknown
26-29
10. Race
Code: 1 - White
 2 - Negro
 3 - Oriental
 4 - Puerto Rican
 8 - Other
 9 - Unknown
30
11. Age at Registration
Code: As given
 99 - Unknown
31-32
12. Blank
33-38
13. Clinical Infections
39-42
Code:
 0201 - Dermatophytosis (Skin)
 0202 - Tinea (All types) (Skin)
 0203 - Ringworm (Skin)
 0204 - Fungal Dermatitis, undetermined type (Skin)
 0210 - Fungus Infection of External Ear
 0220 - Thrush
 0230 - Monilial Vaginitis
 0240 - Yeast in Urine
 0250 - Histoplasmosis
-

Definitions of Codes (Cont.)

Card 08934

FIELD

CARD
COLUMN
43

14. Clinical Infection Serology

- code: 1 - Seroconversion
2 - Equal to or greater than 4-fold rises -
Boost in antibody
3 - High titer with clinical infection
4 - Equal to or greater than 4-fold drops -
Drop in antibody
5 - Low titer - None of the above
6 - No Sera
7 - Not tested

15. Core

- 1 = Core
7 = Non-Core

53

16. Sex

- 1 = Male
2 = Female
3 = Undetermined
9 = Unknown

54

17. Gestation At Delivery (wks)

- 00 = Lost to Study
01-50 = As given
51-99 = Unknown

55-56

18. LMP CONVERSION (wks)

$(YR \times 52) + (Mo. \times 4) + (Day \ 7)$

57-60

19. Socio-Economic Index at Registration

- 1 = Index 0.0 - 1.9
2 = Index 2.0 - 3.9
3 = Index 4.0 - 5.9
4 = Index 6.0 - 7.9
5 = Index 8.0 - 9.5
9 = Unknown

61

20. Parity

(Prior Non-abortions Greater than or Equal to 20 weeks gestation)

- 00 - Prior pregnancy but no prior viable
01-28 - Number of prior viables
88 - No prior pregnancy
99 - Unknown

62-63

*NOTE: More than one card may be present with cols. 1-63 as above.
Card sequence number is in col. 19. Columns 44-52 are blank.

1	FORM #	0893
2	INDS #	
3	DATE OF LAMP (RR-1)	
4	DATE OF ONSET OF	
5	AGE AT REGISTRATION	
6	DATE OF LAMP (RR-2)	
7	CLINICAL INFECTIONS	
8	CLINICAL INFECTIONS	
9	CONTROL 8 DIGIT NINDS #	
10	DATE OF LAMP	
11	DATE OF LAMP	
12	DATE OF LAMP	
13	DATE OF LAMP	
14	DATE OF LAMP	
15	DATE OF LAMP	
16	DATE OF LAMP	
17	DATE OF LAMP	
18	DATE OF LAMP	
19	DATE OF LAMP	
20	DATE OF LAMP	
21	DATE OF LAMP	
22	DATE OF LAMP	
23	DATE OF LAMP	
24	DATE OF LAMP	
25	DATE OF LAMP	
26	DATE OF LAMP	
27	DATE OF LAMP	
28	DATE OF LAMP	
29	DATE OF LAMP	
30	DATE OF LAMP	
31	DATE OF LAMP	
32	DATE OF LAMP	
33	DATE OF LAMP	
34	DATE OF LAMP	
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36	DATE OF LAMP	
37	DATE OF LAMP	
38	DATE OF LAMP	
39	DATE OF LAMP	
40	DATE OF LAMP	
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42	DATE OF LAMP	
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45	DATE OF LAMP	
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67	DATE OF LAMP	
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89	DATE OF LAMP	
90	DATE OF LAMP	
91	DATE OF LAMP	
92	DATE OF LAMP	
93	DATE OF LAMP	
94	DATE OF LAMP	
95	DATE OF LAMP	
96	DATE OF LAMP	
97	DATE OF LAMP	
98	DATE OF LAMP	
99	DATE OF LAMP	
100	DATE OF LAMP	

FORM # 0893

FORM # 0893		NINDS #		DATE OF LMP (NR-1)		DATE OF ONSET OF ILLNESS		BLANK		CLINICAL INFECTIONS		NUMBER OF EPISODES (SEE PAGE 10)		Gestation		LMP CONVERSION		PARITY	

FORM #		NINDS #		DATE OF LMP (AR-1)		DATE OF ONSET OF ILLNESS		AGE AT REGISTRATION		CLINICAL INFECTIONS		GESTATION		LMP CONVERSION		PARITY	
0893																	

FORM #		HINDS #		DATE OF LMP (RR-1)		DATE OF ONSET OF RUMORS		AGE AT REGISTRATION		CLINICAL INFECTIONS		CLINICAL INFECTIONS		Gestation		LMP CONVERSION		SE INDEX AT REGISTRATION		PARITY	
0893																					

W12 SEROLOGICAL TESTING - COMPLEMENT FIXATION TESTS

The Serological Testing - Complement Fixation Tests work file is made up of five separate data types. In the NINCDS User's Guide these data types are known as W12A for flu, herpes, mumps and salivary gland virus; W12B for congenital heart; W12C for CNS, W12D for cerebral palsy; and W12E for rubella.

W12A COMPLEMENT FIXATION TEST FOR FLU, HERPES, MUMPS, AND SALIVARY GLAND VIRUS

This data type contains complement fixation test results for the Flu, Herpes, Mumps and Salivary Gland Virus for Pennsylvania and Tennessee registrants only. Each record is identified by request number 002, study number 70750. For most registrants there are two records, one containing the results of the first specimen drawn and the other containing the results of the last specimen drawn. Multiple records for the same registrant are differentiated by date of specimen.

W12B COMPLEMENT FIXATION TEST FOR CONGENITAL HEART CASES

This data type contains complement fixation test results for 21 viral antigens for the mothers of 100 congenital heart cases chosen by Dr. Mitchell and 200 matched controls. Each record required three cards which are identified by request numbers 005 and 006, study number 70760. For most registrants there are two records representing the results of the first and last specimens drawn. Multiple records for the same registrant are differentiated by date of specimen.

A sample of the cards you might see for this data type are:

```
18131AAAAAAA29005707600361 ...
18131AAAAAAA29005707601061 ...
28131AAAAAAA29005707601061 ...
28131AAAAAAA29005707600361 ...
38131AAAAAAA29005707601061 ...
38131AAAAAAA29005707600361 ...
18131BBBBBBB19005707600560 ...
28131BBBBBBB19005707600560 ...
38131BBBBBBB19005707600560 ...
```

The first 6 cards represent data for one congenital heart case; the first specimen was drawn in March 1961, the last specimen in October 1961. Note the cards are in order by NINDB case number and card number only. The last 3 cards represent data for a congenital heart case where only one specimen was drawn.

W12C COMPLEMENT FIXATION TEST FOR CNS CASES

This data type contains complement fixation test results for 17 antigens for the mothers of 63 CNS cases identified by Dr. Froelich and two matched controls if available. Each record required two cards, which are identified by request number 006, study number 71060. For most registrants there are two records representing the results of the first and last specimens drawn. Multiple records for the same case number are differentiated by date of specimen.

A sample of the cards you might see for this data type are:

18131CCCCCCC1900671060111659 ...
18131CCCCCCC1900671060062959 ...
28131CCCCCCC1900671060062959 ...
28131CCCCCCC1900671060111659 ...
18131DDDDDDD1900670760082959 ...
28131DDDDDDD1900670760082959 ...

The first 4 cards represent data for one CNS case. The first specimen was drawn in June 1959 and the last specimen in November 1959. Note that the cards are in order by NINDB case number and card number only. The last two cards represent data for a case where only one specimen was drawn.

In this file, the subjects and control cannot be identified. Use work file W15, Serological Testing: Abnormalities and Controls to identify subjects and controls by NINDB case number.

W12D COMPLEMENT FIXATION TESTS FOR CEREBRAL PALSY CASES

This data type contains complement fixation results for antibodies to 34 antigens for the mothers of 60 spastic paralysis cases (as identified by Dr. Berendes) and 116 matched controls. Each record required three cards, which are identified by request number 007, study number 71130. For most registrants there are two records, representing the first and last specimens drawn. Multiple records for the same registrant are differentiated by date of specimen.

A sample of the cards you might see for this data type are:

```
18131EEEEEEE4900771130052164 ...  
18131EEEEEEE4900771130020564 ...  
28131EEEEEEE4900771130052164 ...  
28131EEEEEEE4900771130020564 ...  
38131EEEEEEE4900771130052164 ...  
38131EEEEEEE4900771130020564 ...
```

These six cards represent the data for one cerebral palsy case; the first specimen was drawn in February 1964, the last specimen in May 1964.

In this file, the subjects and controls cannot be identified. Use work file W15, Serological Testing: Abnormalities and Controls to identify subjects and control cases by HINDB case number.

W12E COMPLEMENT FIXATION TEST FOR RUBELLA

This data type contains data for all Tennessee registrants through 1963, with test results for rubella antigen. Each record is on one card, which is identified by request number 004, study number 70750. For most registrants there are two records, representing the results of the first and last specimens drawn. Multiple records for the same registrant are differentiated by date of specimen.

TAPE CHARACTERISTICS

This work file contains 19,323 records ordered by HINDB case number; each record is 80 characters in length. The tape is a 1600 bpi 9 track tape with 4000 characters per block.

Each card image has a format similar to that of the master file; column 1 is the card number, 1, 2 or 3; columns 2-5 are the form number and revision number, 8131; columns 6-14 are the NINDB case number; columns 15-17 are the request number; and columns 18-22 are the study number. It is the request number and the study number which differentiates between the various data types. These are:

Request Number	Study Number	
002	70750	W12A, Flu, Herpes, Mumps and Salivary Gland Virus
004	70750	W12E, Rubella
005	70760	W12B, Congenital Heart
006	70760	W12B, Congenital Heart
006	71060	W12C, CNS
007	71130	W12D, Cerebral Palsy

Within a given data type it is the date of specimen, columns 23-28 or 23-26, which differentiates the test results of one specimen from another.

A sample of the cards you might see on this work file will clarify the above descriptions.

```

18131FFFFFFFF29005707600361 ...
18131FFFFFFFF29005707601061 ...
18131FFFFFFFF2900671060111659 ...
18131FFFFFFFF2900671060062959 ...
28131FFFFFFFF29005707601061 ...
28131FFFFFFFF29005707600361 ...
28131FFFFFFFF2900671060062959 ...
28131FFFFFFFF2900671060111659 ...
38131FFFFFFFF29005707601061 ...
38131FFFFFFFF29005707600361 ...
18131GGGGGGG4900771130052164 ...
18131GGGGGGG4900771130020564 ...
28131GGGGGGG4900771130052164 ...
28131GGGGGGG4900771130020564 ...
38131GGGGGGG4900771130052164 ...
38131GGGGGGG4900771130020564 ...

```

The first 10 cards represent a patient who was included in both the congenital heart and the CNS data types; for each data type, this patient had two specimens analyzed. The last six cards represent a patient who was included in the cerebral palsy data type and had two specimens analyzed.

TABLE OF DATA ITEMS

Serological testing for flu, herpes, mumps, salivary gland virus

DATA ITEM	IN	NUM	FROM	TO	DATA ITEM NAME
6437..W-12A	18131	1	5		Card number ("18131"). complement fixation test
6438..W-12A	18131	6	14		WINDA case number
6439..W-12A	18131	15	17		Serology request number: MOTHER, GENERAL, SEROLOGY
6440..W-12A	18131	18	22		Serology study number; viremia protocol 1%, ("70750"); MOTHER, GENERAL, SEROLOGY
6441..W-12A	18131	23	28		Serology specimen, date (m/day/yr): MOTHER, GENERAL, SEROLOGY
6442..W-12A	18131	29	30		Serology specimen, number and period drawn: MOTHER, GENERAL, SEROLOGY
6443..W-12A	18131	31	33		Influenza A virus; serology, titer level: MOTHER, GENERAL, SEROLOGY
6444..W-12A	18131	34	36		Herpes simplex virus; serology, titer level: MOTHER, GENERAL, SEROLOGY
6445..W-12A	18131	37	39		Mumps virus; serology, titer level: MOTHER, GENERAL, SEROLOGY
6446..W-12A	18131	40	42		Salivary gland virus; serology; SCV, titer level: MOTHER, GENERAL, SEROLOGY
6447..W-12A	18131	43	80		BLANK

TABLE OF DATA ITEMS

Serological testing for congenital heart cases

ITEM	ID	NUM	FROM	TO	DATA ITEM NAME
6448	..W-12M	10131	1	4	Card number ("20131"), completion fixation test
6449	..W-12M	10131	6	14	WINDA case number
6450	..W-12M	10131	15	17	Serology request number: MOTHER, GENERAL, SEROLOGY
6451	..W-12M	10131	18	22	Serology study number ("707610"), congenital heart study: MOTHER, GENERAL, SEROLOGY
6452	..W-12M	10131	23	26	Serology specimen, date ("01/04/54"): MOTHER, GENERAL, SEROLOGY
6453	..W-12M	10131	27	28	Serology specimen, number and period drawn: MOTHER, GENERAL, SEROLOGY
6454	..W-12M	10131	29	29	Congenital heart study, abnormal or control: MOTHER, GENERAL, SEROLOGY
6455	..W-12M	10131	30	37	Salivary gland virus: SUG; congenital heart study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6456	..W-12M	10131	33	35	Herpes simplex virus: congenital heart study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6457	..W-12M	10131	36	38	Influenza A virus: congenital heart study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6458	..W-12M	10131	39	41	Influenza B virus: congenital heart study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6459	..W-12M	10131	42	44	Influenza C virus: congenital heart study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6460	..W-12M	10131	45	47	Varicella virus: congenital heart study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6461	..W-12M	10131	48	50	Rubella virus: congenital heart study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6462	..W-12M	10131	53	60	Blank
6463	..W-12M	20131	1	5	Card number ("20131"), completion fixation test
6464	..W-12M	20131	6	14	WINDA case number
6465	..W-12M	20131	15	17	Serology request number: MOTHER, GENERAL, SEROLOGY
6466	..W-12M	20131	18	22	Serology study number ("707610"), congenital heart study: MOTHER, GENERAL, SEROLOGY
6467	..W-12M	20131	23	26	Serology specimen, date ("01/04/54"): MOTHER, GENERAL, SEROLOGY
6468	..W-12M	20131	27	28	Serology specimen, number and period drawn: MOTHER, GENERAL, SEROLOGY
6469	..W-12M	20131	29	29	Congenital heart study, abnormal or control: MOTHER, GENERAL, SEROLOGY
6470	..W-12M	20131	30	32	Polio virus 1: congenital heart study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6471	..W-12M	20131	33	35	Polio virus 2: congenital heart study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6472	..W-12M	20131	36	38	Polio virus 3: congenital heart study: serology, titer level: MOTHER, GENERAL, SEROLOGY

TABLE OF DATA IFF45

Serological testing for congenital heart cases				DATA ITEM NAME	
DATA ITEM IN	NUM	FROM	TO		
6473..W-12M	20131	35	41	Coxsackie A1 virus; congenital heart study; serology, titer level; MOTHER, GENERAL, SPERMAL	
6474..W-12M	20131	42	44	Coxsackie A2 virus; congenital heart study; serology, titer level; MOTHER, GENERAL, SPERMAL	
6475..W-12M	20131	45	47	Coxsackie A3 virus; congenital heart study; serology, titer level; MOTHER, GENERAL, SPERMAL	
6476..W-12M	20131	48	50	Coxsackie A4 virus; congenital heart study; serology, titer level; MOTHER, GENERAL, SPERMAL	
6477..W-12M	20131	51	53	Coxsackie A5 virus; congenital heart study; serology, titer level; MOTHER, GENERAL, SPERMAL	
6478..W-12M	20131	54	56	Coxsackie A6 virus; congenital heart study; serology, titer level; MOTHER, GENERAL, SPERMAL	
6479..W-12M	20131	57	59	Eastern equine encephalitis; congenital heart study, request 5 only; MOTHER, GENERAL, SPERMAL	
6480..W-12M	20131	60	62	Western equine encephalitis; congenital heart study, request 5 only; MOTHER, GENERAL, SPERMAL	
6481..W-12M	20131	63	65	Para Iff; para influenza virus; congenital heart study; MOTHER, GENERAL, SPERMAL	
6482..W-12M	20131	66	68	Mumps virus; congenital heart study; MOTHER, GENERAL, SPERMAL	
6483..W-12M	20131	69	71	Respiratory syncytial virus; MOTHER, GENERAL, SPERMAL	
6484..W-12M	20131	72	74	Para Iff; congenital heart study, request 6 only; MOTHER, GENERAL, SPERMAL	
6485..W-12M	20131	75	77	Para Iff; congenital heart study, request 6 only; MOTHER, GENERAL, SPERMAL	
6486..W-12M	20131	78	80	Blank	
6487..W-12M	20131	1	4	Card number ("38131")	
6488..W-12M	20131	6	14	WINDA case number	
6489..W-12M	20131	15	17	Serology request number; MOTHER, GENERAL, SPERMAL	
6490..W-12M	20131	18	22	Serology study number ("70761"); congenital heart study; MOTHER, GENERAL, SPERMAL	
6491..W-12M	20131	23	25	Serology specimen, date (m/d/y); MOTHER, GENERAL, SPERMAL	
6492..W-12M	20131	27	28	Serology specimen, number and period given; MOTHER, GENERAL, SPERMAL	
6493..W-12M	20131	29	29	Congenital heart study, abnormal or control; MOTHER, GENERAL, SPERMAL	
6494..W-12M	20131	30	37	Adeno virus; congenital heart study; serology, titer level; MOTHER, GENERAL, SPERMAL	
6495..W-12M	20131	33	35	Coxsackie A2 virus; congenital heart study; serology, titer level; MOTHER, GENERAL, SPERMAL	
6496..W-12M	20131	36	38	Coxsackie A4 virus; congenital heart study; serology, titer level; MOTHER, GENERAL, SPERMAL	

TABULAR OF DATA TYPE45

Serological testing for congenital heart cases

ITEM ID	NUM	FROM	TO	DATA ITEM NAME
6497..W-12M	38131	39	41	Consequence AB virus; congenital heart study; serology, titer level; mother, GENERAL, SEROLOGY
6498..W-12M	38131	42	44	Consequence AG virus; congenital heart study; serology, titer level; mother, GENERAL, SEROLOGY
6499..W-12M	38131	45	47	Echo virus of congenital heart study; serology, titer level; mother, GENERAL, SEROLOGY
6500..W-12M	38131	48	50	Echo virus of congenital heart study; serology, titer level; mother, GENERAL, SEROLOGY
6501..W-12M	38131	51	53	Echo virus of congenital heart study; serology, titer level; mother, GENERAL, SEROLOGY
6502..W-12M	38131	54	56	Echo virus of congenital heart study; serology, titer level; mother, GENERAL, SEROLOGY
6503..W-12M	38131	57	59	Chlamydia psittaci; nasitacosis; congenital heart study; serology, titer level; mother, GENERAL, SEROLOGY
6504..W-12M	38131	60	62	Echo virus of congenital heart study; serology, titer level; mother, GENERAL, SEROLOGY
6505..W-12M	38131	63	65	Echo virus of congenital heart study; serology, titer level; mother, GENERAL, SEROLOGY
6506..W-12M	38131	66	80	Blank

TABLE OF DATA TYPES

Serological testing for CMS cases

ITEM	IN	CARD NUM	FROM	TO	DATA ITEM NAME
6507..	W-12C	10131	1	5	Card number ("10131"), complement fixation test
6508..	W-12C	10131	6	14	WINDA case number
6509..	W-12C	10131	15	17	Serology request number: WINDA, GENERAL, SEROLOGY
6510..	W-12C	10131	18	22	Serology study number ("71040"); CMS study: MOTHER, GENERAL, SEROLOGY
6511..	W-12C	10131	23	28	Serology specimen, date (80/10/1971): MOTHER, GENERAL, SEROLOGY
6512..	W-12C	10131	29	30	Serology specimen, number and period drawn: MOTHER, GENERAL, SEROLOGY
6513..	W-12C	10131	31	33	Influenza A virus: CMS study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6514..	W-12C	10131	34	36	Influenza B virus: CMS study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6515..	W-12C	10131	37	39	Influenza C virus: CMS study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6516..	W-12C	10131	40	42	Reo virus: CMS study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6517..	W-12C	10131	43	45	Mumps virus: CMS study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6518..	W-12C	10131	46	48	Echo virus 6: CMS study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6519..	W-12C	10131	49	51	Respiratory syncytial virus: RSV CMS study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6520..	W-12C	10131	52	54	Herpes simplex virus: CMS study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6521..	W-12C	10131	55	57	Cytomegalovirus: CMV: CMS study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6522..	W-12C	10131	58	60	Measles virus: rubella: CMS study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6523..	W-12C	10131	61	80	Blank
6524..	W-12C	20131	1	5	Card number ("20131"), complement fixation test
6525..	W-12C	20131	6	14	WINDA case number
6526..	W-12C	20131	15	17	Serology request number: MOTHER, GENERAL, SEROLOGY
6527..	W-12C	20131	18	22	Serology study number ("71040"); CMS study: MOTHER, GENERAL, SEROLOGY
6528..	W-12C	20131	23	28	Serology specimen, date (80/10/1971): MOTHER, GENERAL, SEROLOGY
6529..	W-12C	20131	29	30	Serology specimen, number and period drawn: MOTHER, GENERAL, SEROLOGY
6530..	W-12C	20131	31	33	Coxsackie A1 virus: CMS study: serology, titer level: MOTHER, GENERAL, SEROLOGY
6531..	W-12C	20131	34	36	Coxsackie A2 virus: CMS study: serology, titer level: MOTHER, GENERAL, SEROLOGY

TABLE OF DATA TYPES

SEROLOGICAL TESTS FOR CNS CASES				DATA ITEM NAME	
ITEM ID	NUM	FROM	TO		
6512..W-12C 28131	37	39		Coxsackie A3 virus: CNS study: serology, titer level: NOTHER , GENERAL, SPKOLNGY	
6513..W-12C 28131	40	42		Coxsackie A4 virus: CNS study: serology, titer level: NOTHER , GENERAL, SPKOLNGY	
6514..W-12C 28131	43	45		Coxsackie A5 virus: CNS study: serology, titer level: NOTHER , GENERAL, SPKOLNGY	
6515..W-12C 28131	46	48		Coxsackie A6 virus: CNS study: serology, titer level: NOTHER , GENERAL, SPKOLNGY	
6516..W-12C 28131	49	51		Rubella virus: CNS study: serology, titer level: NOTHER , GENERAL, SPKOLNGY	
6517..W-12C 28131	52	80		R180K	

TABULAR OF DATA ITEMS

Serological testing for cerebral palsy cases

ITEM NO	NUM	FROM	TO	DATA ITEM NAME
6538..W-120 18131	1	5		Card number ("18131"), compartment fixation test
6539..W-120 18131	6	14		WIMDR case number
6540..W-120 18131	15	17		Serology request number: MOTHER, GENERAL, SEROLOGY
6541..W-120 18131	18	22		Serology study number ("11131"); cerebral palsy study: MOTHER, GENERAL, SPRING
6542..W-120 18131	23	28		Serology specimen, date (so/day/yr): MOTHER, GENERAL, SPRING
6543..W-120 18131	29	30		Serology specimen, number and period of test: MOTHER, GENERAL, SPRING
6544..W-120 18131	31	33		Adenovirus: cerebral palsy study: serology, titer level: MOTHER, GENERAL, SPRING
6545..W-120 18131	34	36		Coxsackie A2 virus: cerebral palsy study: serology, titer level: MOTHER, GENERAL, SPRING
6546..W-120 18131	37	39		Coxsackie A4 virus: cerebral palsy study: serology, titer level: MOTHER, GENERAL, SPRING
6547..W-120 18131	40	42		Coxsackie A8 virus: cerebral palsy study: serology, titer level: MOTHER, GENERAL, SPRING
6548..W-120 18131	43	45		Coxsackie A9 virus: cerebral palsy study: serology, titer level: MOTHER, GENERAL, SPRING
6549..W-120 18131	46	48		Coxsackie A1 virus: cerebral palsy study: serology, titer level: MOTHER, GENERAL, SPRING
6550..W-120 18131	49	51		Coxsackie A2 virus: cerebral palsy study: serology, titer level: MOTHER, GENERAL, SPRING
6551..W-120 18131	52	54		Coxsackie A3 virus: cerebral palsy study: serology, titer level: MOTHER, GENERAL, SPRING
6552..W-120 18131	55	57		Coxsackie A4 virus: cerebral palsy study: serology, titer level: MOTHER, GENERAL, SPRING
6553..W-120 18131	58	60		Coxsackie A5 virus: cerebral palsy study: serology, titer level: MOTHER, GENERAL, SPRING
6554..W-120 18131	61	63		Coxsackie A6 virus: cerebral palsy study: serology, titer level: MOTHER, GENERAL, SPRING
6555..W-120 18131	64	66		Cytomegalovirus: Cyt: cerebral palsy study: serology, titer level: MOTHER, GENERAL, SPRING
6556..W-120 18131	67	68		Blank
6557..W-120 28131	1	5		Card number ("28131"), compartment fixation test
6558..W-120 28131	6	14		WIMDR case number
6559..W-120 28131	15	17		Serology request number: MOTHER, GENERAL, SEROLOGY
6560..W-120 28131	18	22		Serology study number ("11131"); cerebral palsy study: MOTHER, GENERAL, SPRING
6561..W-120 28131	23	28		Serology specimen, date (so/day/yr): MOTHER, GENERAL, SPRING
6562..W-120 28131	29	30		Serology specimen, number and period of test: MOTHER, GENERAL, SPRING

TABLE OF DATA ITEMS

Serological testing for cerebral palsy cases

ITEM ID	NUM	FROM	TO	DATA ITEM NAME
6563..W-120 20131	31	33	33	Echo virus 6; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6564..W-120 20131	34	36	36	Echo virus 9; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6565..W-120 20131	37	38	38	Echo virus 11; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6566..W-120 20131	40	42	42	Echo virus 16; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6567..W-120 20131	43	45	45	Echo virus 20; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6568..W-120 20131	46	48	48	Eastern equine encephalitis; CEE; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6569..W-120 20131	49	51	51	St. Louis equine encephalitis; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6570..W-120 20131	52	54	54	Western equine encephalitis; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6571..W-120 20131	55	57	57	Influenza A virus; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6572..W-120 20131	58	60	60	Influenza A virus; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6573..W-120 20131	61	63	63	Influenza C virus; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6574..W-120 20131	64	66	66	Herpes simplex virus; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6575..W-120 20131	67	69	69	Mumps virus; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6576..W-120 20131	70	72	72	Para 1 influenza virus; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6577..W-120 20131	73	80	80	Blank
6578..W-120 20131	1	5	5	Card number ("30131")
6579..W-120 20131	6	14	14	WINDA case number
6580..W-120 20131	15	17	17	Serology request number ("71131"); cerebral palsy study; MOTHER, GENERAL, SFRNLCY
6581..W-120 20131	18	22	22	Serology study number ("71131"); cerebral palsy study; MOTHER, GENERAL, SFRNLCY
6582..W-120 20131	23	28	28	Serology specimen, date (any/day/yr); MOTHER, GENERAL, SFRNLCY
6583..W-120 20131	29	30	30	Serology specimen, number and behind drawn; MOTHER, GENERAL, SFRNLCY
6584..W-120 20131	31	33	33	Para 11 influenza virus; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6585..W-120 20131	34	36	36	Para 111 influenza virus; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY
6586..W-120 20131	37	38	38	Polio virus 1; cerebral palsy study; serology, titer level; MOTHER, GENERAL, SFRNLCY

TABLE OF DATA TYPE

Serological testing for cerebral palsy cases

DATA CARD					DATA ITEM NAME
TYPE	ID	NUM	FROM	TO	
6587..W-120	38131	40	42	Polio virus 2; cerebral palsy study; serology, titer level; mother, GENERAL, SEROLOGY	
6588..W-120	38131	43	45	Polio virus 1; cerebral palsy study; serology, titer level; mother, GENERAL, SEROLOGY	
6589..W-120	38131	46	48	Chlamydia psittaci; psittacosis; cerebral palsy study; serology, titer level; mother, GENERAL, SEROLOGY	
6590..W-120	38131	49	51	REN virus; cerebral palsy study; serology, titer level; mother, GENERAL, SEROLOGY	
6591..W-120	38131	52	54	Rubella virus; cerebral palsy study; serology, titer level; mother, GENERAL, SEROLOGY	
6592..W-120	38131	55	57	Measles virus; rubella; cerebral palsy study; serology, titer level; mother, GENERAL, SEROLOGY	
6593..W-120	38131	58	60	Respiratory syncytial virus; RS; cerebral palsy study; serology, titer level; mother, GENERAL, SEROLOGY	
6594..W-120	38131	61	63	Varicella virus; cerebral palsy study; serology, titer level; mother, GENERAL, SEROLOGY	
6595..W-120	38131	64	80	Blank	

TARUF OF DATA TYPES

Serological testing for Rubella

DATA ITEM	IN	NUM	FROM	TO	DATA ITEM NAME
6596..W-12F	18131	1	5		Card number ("18131")
6597..W-12F	18131	6	14		Wink case number
6598..W-12F	18131	15	17		Serology request number: MOTHER, GENERAL, SEROLOGY
6599..W-12F	18131	18	22		Serology study number ("70130"): MOTHER, GENERAL, SEROLOGY
6600..W-12F	18131	23	28		Serology specimen date (mo/day/yr): MOTHER, GENERAL, SEROLOGY
6601..W-12F	18131	29	30		Serology specimen number and section drawn: MOTHER, GENERAL, SEROLOGY
6602..W-12F	18131	31	33		Serology filter level: serology: MOTHER, GENERAL, SEROLOGY
6603..W-12F	18131	34	35		Blank

**DEFINITION OF CODES
SEROLOGICAL TESTING - W12A
CARD 18131**

NOTE: File exists for Pennsylvania and Tennessee only

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Card Number</u> Code: 1	1
2. <u>Form Number</u> Code: 813	2-4
3. <u>Revision Number</u> Code: 1 - Complement Fixation Test	5
4. <u>NINDS Number</u> Nine digit number for Patient Identification Code: As given	6-14
5. <u>Request Number</u> Code: 002 - 2nd Request	15-17
6. <u>Study Number</u> Code: 70750 - Virology Protocol 75	18-22
7. <u>Date of Specimen</u> Six digit code for: <u>Month</u> - (cols. 23-24) <u>Day</u> - (cols. 25-26) <u>Year</u> - (cols. 27-28) Code: As given	23-28
8. <u>Specimen Number and Period Drawn</u> Code: R1 - Registration and 0-12 wks. since LMP R2 - Registration and 13-20 wks. since LMP R3 - Registration and 21-28 wks. since LMP R4 - Registration and 29-36 wks. since LMP R5 - Registration and 37-43 wks. since LMP R6 - Registration obtained at premature or postpartum termination of pregnancy 01 - 1st specimen drawn 0-12 wks. since LMP 02 - 1st specimen drawn within 13-20 wk. period since LMP 03 - 1st specimen drawn within 21-28 wk. period since LMP	29-30

Definition of Codes (Cont.)

Card 18131

FIELD

CARD
COLUMN

8. Specimen Number and Period Drawn (Cont.)

29-30

- 04 - 1st specimen drawn within 29-36 wk.
period since LMP
- 05 - 1st specimen drawn within 37-43 wk.
period since LMP
- 06 - 1st specimen obtained at premature or
postmature termination of a pregnancy
- 07 - 1st specimen obtained between 4 and 12 wks.
after termination of pregnancy
- 08 - 1st specimen of cord blood obtained at
delivery
- 09 - 1st specimen of baby's blood obtained
between 4th and 6th month
- 12 - 2nd specimen drawn in period 13 through 20
weeks since LMP
- 13 - 2nd specimen drawn in period 21 through 28
weeks since LMP
- 14 - 2nd specimen drawn in period 29 through 36
weeks since LMP
- 15 - 2nd specimen drawn in period 37 through 43
weeks since LMP
- 17 - 2nd specimen obtained beyond 4 and 12 weeks
after termination of pregnancy (after 5 or 6
as appropriate)
- 22 - 3rd specimen drawn in period 13 through 20
weeks since LMP
- 23 - 3rd specimen drawn in period 21 through 28
weeks since LMP
- 24 - 3rd specimen drawn in period 29 through 36
weeks since LMP
- 25 - 3rd specimen drawn in period 37 through 43
weeks since LMP
- 27 - 3rd specimen obtained between 4 and 12 weeks
after termination of pregnancy (after 5 or 6
as appropriate)
- 32 - 4th specimen drawn in period 13 through 20
weeks since LMP
- 33 - 4th specimen drawn in period 21 through 28
weeks since LMP
- 34 - 4th specimen drawn in period 29 through 36
weeks since LMP
- 35 - 4th specimen drawn in period 37 through 43
weeks since LMP
- 37 - 4th specimen obtained beyond 4 and 12 weeks
after termination of pregnancy (after 5 or 6
as appropriate)

Definition of Codes (Cont.)

Card 18131

FIELD

CARD
COLUMN

8. Specimen Number and Period Drawn (Cont.) 29-30
D5 - Delivery - specimen obtained 37 through 43 weeks since LMP
D6 - Delivery - specimen obtained at premature or postmature termination of pregnancy (i.e., abortion, immature, premature and postmature births)
9. Flu A-Titer Level 31-33
Code: 007 - No detectable antibody
008 - 1:8 dilution
016 - 1:16 dilution
032 - 1:32 dilution
064 - 1:64 dilution
128 - 1:128 dilution
256 - 1:256 dilution
512 - 1:512 dilution
513 - Dilution greater than 1:512
10. Herpes - Titer Level 34-36
Code: Same as Field 9
11. Mumps - Titer Level 37-39
Code: Same as Field 9
12. SGV (Salivary Gland Virus) - Titer Level 40-42
Code: Same as Field 9

DEFINITION OF CODES
SEROLOGICAL TESTING
CONGENITAL HEART
Card 18131

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Card Number</u> Code: 1	1
2. <u>Form Number</u> Code: 313	2-4
3. <u>Revision Number</u> Code: 1 - Complement Fixation Test	5
4. <u>NINDB Number</u> Nine digit number for Patient Identification Code: As given	6-14
5. <u>Request Number*</u> Code: 005 - 5th Request 006 - 6th Request	15-17
6. <u>Study Number</u> Code: 70760 - Congenital Heart	18-22
7. <u>Date of Specimen</u> Item 5 Four digit code for: <u>Month</u> - (cols. 23-24) <u>Year</u> - (cols. 25-26) Code: As given	23-26
8. <u>Specimen Number and Period Drawn</u> Item 6 Code: R1-R5 - Registration specimen drawn during 1st-5th periods 02-05 - First specimen drawn during 1st-5th periods 22-25 - Second specimen drawn during 1st-5th periods D5-D6 - Delivery specimen drawn during 5th-6th periods 07 - Postpartum specimen	27-28
9. <u>Abnormal or Control</u> Item 12 Code: 1 - Abnormal 3 - Control	29

*Item numbers refer to abstract sheet

Definition of Codes (Cont.)

Congenital Heart
Card 18131

FIELD

CARD
COLUMN

- | | | |
|-----|--|-------|
| 10. | <u>SGV (Salivary Gland Virus)</u>
Item 15 | 30-32 |
| | Code: 000 - No detectable antibody
007 - Trace Antibodies
008 - 1:8 dilution
016 - 1:16 dilution
032 - 1:32 dilution
064 - 1:64 dilution
065 - Dilution greater than 1:64
128 - 1:128 dilution
256 - 1:256 dilution
512 - 1:512 dilution
513 - Dilution greater than 1:512 | |
| 11. | <u>Hepes Simplex</u>
Item 16 | 33-35 |
| | Code: Same as Field 10 | |
| 12. | <u>Flu A</u>
Item 17 | 36-38 |
| | Code: Same as Field 10 | |
| 13. | <u>Flu B</u>
Item 18 | 39-41 |
| | Code: Same as Field 10 | |
| 14. | <u>Flu C</u>
Item 19 | 42-44 |
| | Code: Same as Field 10 | |
| 15. | <u>Varicella</u>
Item 20 | 45-47 |
| | Code: Same as Field 10 | |
| 16. | <u>Rubella</u>
Item 21 | 48-50 |
| | Code: Same as Field 10 | |

NOTE: Two cards are present (first and last specimens) for every subject and its two matched control cases with cols. 1-50 as above.

Definition of Codes (Cont.)

Congenital Heart
Card 28131

FIELD

CARD
COLUMN

- | | | |
|----|--|-------|
| 1. | <u>Card Number</u>
Code: 2 | 1 |
| 2. | <u>Basic Data</u>
Code: Same as in cols. 2-29 of card 1 | 2-29 |
| 3. | <u>Folio 1</u>
Item 7
Code: 000 - No detectable antibody
007 - Trace antibodies
008 - 1:8 dilution
016 - 1:16 dilution
032 - 1:32 dilution
064 - 1:64 dilution
065 - Dilution greater than 1:64
128 - 1:128 dilution
256 - 1:256 dilution
512 - 1:512 dilution
513 - Dilution greater than 1:512 | 30-32 |
| 4. | <u>Folio 2</u>
Item 8
Code: Same as Field 3 | 33-35 |
| 5. | <u>Folio 3</u>
Item 9
Code: Same as Field 3 | 36-38 |
| 6. | <u>Cox B-1</u>
Item 10
Code: Same as Field 3 | 39-41 |
| 7. | <u>Cox B-2</u>
Item 11
Code: Same as Field 3 | 42-44 |
| 8. | <u>Cox B-3</u>
Item 12
Code: Same as Field 3 | 45-47 |
| 9. | <u>Cox B-4</u>
Item 13
Code: Same as Field 3 | 48-50 |
-

Definition of Codes (Cont.)

Congenital Heart
Card 28131

<u>FIELD</u>	<u>CARD COLUMN</u>
10. <u>Cox B-5</u> Item 14 Code: Same as Field 3	51-53
11. <u>Cox B-6</u> Item 15 Code: Same as Field 3	54-56
12. <u>EEE (Eastern Equine Encephalitis)</u> (Request 005 only) Item 16 Code: Same as Field 3 except blank = not applicable (Request 006)	57-59
13. <u>WEE (Western Equine Encephalitis)</u> (Request 006 only) Item 18 Code: Same as Field 3 except blank = not applicable (Request 006)	60-62
14. <u>Para 3 (Para-influenza)</u> Item 21 Code: Same as Field 3	63-65
15. <u>Mumps</u> Item 22 Code: Same as Field 3	66-68
16. <u>RS (Respiratory Syncytial)</u> Item 23 Code: Same as Field 3	69-71
17. <u>Para I (Request 006 only)</u> Item 19 Code: Same as Field 3 except blank = not applicable (Request 005)	72-74
18. <u>Para II (Request 006 only)</u> Item 20 Code: Same as Field 3 except blank = not applicable (Request 005)	75-77

NOTE: Two cards are present (first and last specimens) for every subject case and its two matched control cases with cols. 1-77 as above.

Definition of Codes (Cont.)

Congenital Heart
Card 38131

FIELD

CARD
COLUMN

1.	<u>Card Number</u> Code: 3	1
2.	<u>Basic Data</u> Code: Same as in cols. 2-29 of card 1	2-29
3.	<u>Adeno</u> Item 7 Code: 000 - No detectable antibody 007 - Trace antibodies 008 - 1:8 dilution 016 - 1:16 dilution 032 - 1:32 dilution 064 - 1:64 dilution 065 - Dilution greater than 1:64 128 - 1:128 dilution 256 - 1:256 dilution 512 - 1:512 dilution 513 - Dilution greater than 1:512	30-32
4.	<u>Cox A-2</u> Item 8 Code: Same as Field 3	33-35
5.	<u>Cox A-4</u> Item 9 Code: Same as Field 3	36-38
6.	<u>Cox A-8</u> Item 10 Code: Same as Field 3	39-41
7.	<u>Cox A-9</u> Item 11 Code: Same as Field 3	42-44
8.	<u>Echo 6</u> Item 12 Code: Same as Field 3	45-47
9.	<u>Echo 9</u> Item 13 Code: Same as Field 3	48-50

Definition of Codes (Cont.)

Congenital Heart
Card 38131

FIELD

CARD
COLUMN

- | | | |
|-----|--|-------|
| 10. | <u>Echo 11</u>
Item 15
Code: Same as Field 3 | 51-53 |
| 11. | <u>Echo 16</u>
Item 16
Code: Same as Field 3 | 54-56 |
| 12. | <u>Psitt (Psitticosis)</u> (Request 005 only)
Item 19
Code: Same as Field 3 except blank = not
applicable (Request 006) | 57-59 |
| 13. | <u>Echo 10</u>
Item 14
Code: Same as Field 3 except blank - not
applicable (Request 005) | 60-62 |
| 14. | <u>Echo 20</u>
Item 17
Code: Same as Field 13 | 63-65 |

NOTE: Two cards are present (first and last specimens) for every subject case and its two matched control cases with cols. 1-65 as above.

DEFINITION OF CODES
SEROLOGICAL TESTING
CENTRAL NERVOUS SYSTEM
Card 18131

NOTE: File includes subject and control cases which cannot be separately identified. Use Card File 1801 for identification of subjects and controls.

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Card Number</u> Code: 1	1
2. <u>Form Number</u> Code: 813	2-4
3. <u>Revision Number</u> Code: 1 - Complement Fixation Test	5
4. <u>NINDE Number</u> Nine digit number for Patient Identification Code: As given	6-14
5. <u>Request Number</u> Code: 006 - 6th Request	15-17
6. <u>Study Number</u> Code: 71060 - Central Nervous System	18-22
7. <u>Date of Specimen</u> Six digit code for: <u>Month</u> - (cols. 23-24) <u>Day</u> - (cols. 25-26) <u>Year</u> - (cols. 27-28) Code: As given	23-28
8. <u>Specimen Number and Period Drawn</u> Code: R1-R5 - Registration specimen drawn during 1st-5th periods 02-05 - First specimen drawn drawn 1st-5th periods 22-25 - Second specimen drawn during 1st-5th periods D5-D6 - Delivery specimen drawn during 5th-6th periods 07 - Postpartum specimen	29-30

Definition of Codes (Cont.)

Central Nervous System
Card 18131

<u>FIELD</u>	<u>CARD COLUMN</u>
9. <u>Flu A</u> Code: 000 - No detectable antibody 007 - Trace antibodies 008 - 1:8 dilution 016 - 1:16 dilution 032 - 1:32 dilution 064 - 1:64 dilution 065 - Dilution greater than 1:64 128 - 1:128 dilution 256 - 1:256 dilution 512 - 1:512 dilution 513 - Dilution greater than 1:512	31-33
10. <u>Flu B</u> Code: Same as Field 9	34-36
11. <u>Flu C</u> Code: Same as Field 9	37-39
12. <u>Reo</u> Code: Same as Field 9	40-42
13. <u>Mumps</u> Code: Same as Field 9	43-45
14. <u>Echo 6</u> Code: Same as Field 9	46-48
15. <u>RS (Respiratory Syncytial)</u> Code: Same as Field 9	49-51
16. <u>Herpes</u> Code: Same as Field 9	52-54
17. <u>CMV (Cytomegalic Virus)</u> Code: Same as Field 9	55-57
18. <u>Rubeola</u> Code: Same as Field 9	58-60

NOTE: Two cards present (first and last specimens) for every subject case and matched cases with cols. 1-60 as above.

Definition of Codes (Cont.)

Central Nervous System
Card 28131

FIELD

CARD
COLUMN

1.	<u>Card Number</u> Code: 2	1
2.	<u>Basic Data</u> Code: Same as in cols. 2-30 of card 1	2-30
3.	<u>Cox B1</u> Code: 000 - No detectable antibody 007 - Trace antibodies 008 - 1:8 dilution 016 - 1:16 dilution 032 - 1:32 dilution 064 - 1:64 dilution 065 - Dilution greater than 1:64 128 - 1:128 dilution 256 - 1:256 dilution 512 - 1:512 dilution 513 - Dilution greater than 1:512	31-33
4.	<u>Cox B2</u> Code: Same as Field 3	34-36
5.	<u>Cox B3</u> Code: Same as Field 3	37-39
6.	<u>Cox B4</u> Code: Same as Field 3	40-42
7.	<u>Cox B5</u> Code: Same as Field 3	43-45
8.	<u>Cox B6</u> Code: Same as Field 3	46-48
9.	<u>Rubella</u> Code: Same as Field 3	49-51

NOTE: Two cards are present (first and last specimens) for every subject case and matched control cases with cols. 1-51 as above.

DEFINITION OF CODES
SEROLOGICAL TESTING
CEREBRAL PALSY
CARD 18131

NOTE: File includes subject and control cases which cannot be separately identified. Use card file 1801 for identification of subjects and controls.

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Card Number</u> Code: 1	1
2. <u>Form Number</u> Code: 813	2-4
3. <u>Revision Number</u> Code: 1 - Complement Fixation Test	5
4. <u>NINDB Number</u> Nine-digit number for Patient Identification Code: As given	6-14
5. <u>Request Number</u> Code: 007 - 7th Request	15-17
6. <u>Study Number</u> Code: 71130 - Cerebral Palsy	18-22
7. <u>Date of Specimen</u> Six-digit code for: <u>Month</u> (cols. 23-24) <u>Day</u> (cols. 25-26) <u>Year</u> (cols. 27-28) Code: As given	23-28
8. <u>Specimen Number and Period Drawn</u> Code: 81-85 - Registration specimen drawn during 1st-5th periods 02-05 - First specimen drawn during 1st-5th periods 22-25 - Second specimen drawn during 1st-5th periods 05-06 - Delivery specimen drawn during 5th-6th periods 07 - Postpartum specimen	29-30

Definition of Codes (Cont.)

Cerebral Pal
Card 18131

FIELD

CARD
COLUMN

9.	<u>Adeno</u> Code: Blank - Test not done 000 - No detectable antibody 007 - Trace antibodies 008 - 1:8 dilution 016 - 1:16 dilution 032 - 1:32 dilution 064 - 1:64 dilution 065 - Dilution greater than 1:64 128 - 1:128 dilution 256 - 1:256 dilution 512 - 1:512 dilution 513 - Dilution greater than 1:512	31-33
10.	<u>Cox A2</u> Code: Same as Field 9	34-36
11.	<u>Cox A4</u> Code: Same as Field 9	37-39
12.	<u>Cox A8</u> Code: Same as Field 9	40-42
13.	<u>Cox A9</u> Code: Same as Field 9	43-45
14.	<u>Cox B1</u> Code: Same as Field 9	46-48
15.	<u>Cox B2</u> Code: Same as Field 9	49-51
16.	<u>Cox B3</u> Code: Same as Field 9	52-54
17.	<u>Cox B4</u> Code: Same as Field 9	55-57
18.	<u>Cox B5</u> Code: Same as Field 9	58-60
19.	<u>Cox B6</u> Code: Same as Field 9	61-63

Definition of Codes (Cont.)

Cerebral Palsy
18131

FIELD

CARD
COLUMN

20. CMV (Cytomegalo Virus)
Code: Same as Field 9

64-66

NOTE: Two cards are present (first and last specimens) for every
subject case and matched control case with cols. 1-66 as above.

Definition of Codes (Cont.)

Cerebral Palsy
Card 28131

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Card Number</u> Code: 2	1
2. <u>Basic Data</u> Code: Same as in cols. 2-30 of card 1	2-30
3. <u>Echo 6</u> Code: Blank - Test not done 000 - No detectable antibody 007 - Trace antibodies 008 - 1:8 dilution 016 - 1:16 dilution 032 - 1:32 dilution 064 - 1:64 dilution 065 - Dilution greater than 1:65 128 - 1:128 dilution 256 - 1:256 dilution 512 - 1:512 dilution 513 - Dilution greater than 1:512	31-33
4. <u>Echo 9</u> Code: Same as Field 3	34-36
5. <u>Echo 11</u> Code: Same as Field 3	37-39
6. <u>Echo 16</u> Code: Same as Field 3	40-42
7. <u>Echo 20</u> Code: Same as Field 3	43-45
8. <u>EEE (Eastern Equine Encephalitis)</u> Code: Same as Field 3	46-48
9. <u>STE (St. Louis Equine Encephalitis)</u> Code: Same as Field 3	49-51
10. <u>WEE (Western Equine Encephalitis)</u> Code: Same as Field 3	52-54
11. <u>Flu A</u> Code: Same as Field 3	55-57

Definition of Codes (Cont.)

Cerebral Palsy
Card 28131.

FIELD

CARD
COLUMN

12. Flu B
Code: Same as Field 3
13. Flu C
Code: Same as Field 3
14. Herpes
Code: Same as Field 3
15. Mumps
Code: Same as Field 3
16. Para 1 (Para-influenza)
Code: Same as Field 3

58-60

61-63

64-66

67-69

70-72

NOTE: Two cards are present (first and last specimens) for every subject case and matched control cases with code 1-72 as above.

Definition of Codes (Cont.)

Cerebral Palsy
Card 38131

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Card Number</u> Code: 3	1
2. <u>Basic Data</u> Code: Same as in cols. 2-30 of card 1	2-30
3. <u>Para II (Para 2 - Para-influenza)</u> Code: 000 - No detectable antibody 007 - Trace antibodies 008 - 1:8 dilution 016 - 1:16 dilution 032 - 1:32 dilution 064 - 1:64 dilution 065 - Dilution greater than 1:55 128 - 1:128 dilution 256 - 1:256 dilution 512 - 1:512 dilution 513 - Dilution greater than 1:512	31-33
4. <u>Para III (Para 3 - Para-influenza)</u> Code: Same as Field 3	34-36
5. <u>Polio 1</u> Code: Same as Field 3	37-39
6. <u>Polio 2</u> Code: Same as Field 3	40-42
7. <u>Polio 3</u> Code: Same as Field 3	43-45
8. <u>Psitt (Psitticosis)</u> Code: Same as Field 3	46-48
9. <u>Reo</u> Code: Same as Field 3	49-51
10. <u>Rubella</u> Code: Same as Field 3	52-54
11. <u>Rubeola</u> Code: Same as Field 3	55-57

Definition of Codes (Cont.)

Cerebral Palsy
Card 31831

FIELD

CARD
COLUMN

12. RS (Respiratory Syncytial)
Code: Same as Field 3

58-60

13. Varicella
Code: Same as Field 3

61-63

NOTE: Two cards are present (first and last specimens) for every subject case and matched control cases with cols. 1-63 as above.

DEFINITION OF CODES
SEROLOGICAL TESTING
CARD 18131

NOTE: File exists for Tennessee only.

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Card Number</u> Code: 1	1
2. <u>Form Number</u> Code: 813	2-4
3. <u>Revision Number</u> Code: 1 - Complement Fixation Test	5
4. <u>NINDB Number</u> Nine digit number for Patient Identification Code: As given	6-14
5. <u>Request Number</u> Code: 004 - 4th request	15-17
6. <u>Study Number</u> Code: 70750 - Virology Protocol 75	18-22
7. <u>Date of Specimen</u> Six digit code for: <u>Month</u> - (cols. 23-24) <u>Day</u> - (cols. 25-26) <u>Year</u> - (cols. 27-28) Code: As given	23-28
8. <u>Specimen Number and Period Drawn</u> Code: R1 - Registration and 0-12 wks. since LMP R2 - Registration and 13-20 wks. since LMP R3 - Registration and 21-28 wks. since LMP R4 - Registration and 29-36 wks. since LMP R5 - Registration and 37-43 wks. since LMP R6 - Registration obtained at premature or postmature termination of pregnancy 01 - 1st specimen drawn 0-12 wks. since LMP 02 - 1st specimen drawn within 13-20 wk. period since LMP 03 - 1st specimen drawn within 21-28 wk. period since LMP	29-31

Definition of Codes (Cont.)

Card 19131

FIELD

CARD
COLUMN

6. Specimen Number and Period Drawn (Cont.)

29-30

- 04 - 1st specimen drawn within 29-36 wk.
period since LMP
- 05 - 1st specimen drawn within 37-43 wk.
period since LMP
- 06 - 1st specimen obtained at premature or
postmature termination of a pregnancy
- 07 - 1st specimen obtained between 4 and 12 wks.
after termination of pregnancy
- 08 - 1st specimen of cord blood obtained at
delivery
- 09 - 1st specimen of baby's blood obtained
between 4th and 6th month
- 12 - 2nd specimen drawn in period 13 through 20
weeks since LMP
- 13 - 2nd specimen drawn in period 21 through 28
weeks since LMP
- 14 - 2nd specimen drawn in period 29 through 36
weeks since LMP
- 15 - 2nd specimen drawn in period 37 through 43
weeks since LMP
- 17 - 2nd specimen obtained beyond 4 and 12 weeks
after termination of pregnancy (after 5 or 6
as appropriate)
- 22 - 3rd specimen drawn in period 13 through 20
weeks since LMP
- 23 - 3rd specimen drawn in period 21 through 28
weeks since LMP
- 24 - 3rd specimen drawn in period 29 through 36
weeks since LMP
- 25 - 3rd specimen drawn in period 37 through 43
weeks since LMP
- 27 - 3rd specimen obtained between 4 and 12 weeks
after termination of pregnancy (after 5 or 6
as appropriate)
- 32 - 4th specimen drawn in period 13 through 20
weeks since LMP
- 33 - 4th specimen drawn in period 21 through 28
weeks since LMP
- 34 - 4th specimen drawn in period 29 through 36
weeks since LMP
- 35 - 4th specimen drawn in period 37 through 43
weeks since LMP
- 37 - 4th specimen obtained beyond 4 and 12 weeks
after termination of pregnancy (after 5 or 6
as appropriate)

Definition of Codes (Cont.)

Card 18131

FIELD

CARD
COLUMN

9. Specimen Number and Period Drawn (Cont.)

29-30

- 05 - Delivery - specimen obtained 37 through 40 weeks since LMP
- 06 - Delivery - specimen obtained at premature or postmature termination of pregnancy (i.e., abortion, immature, premature and postmature births)

10. Rubella - Titer Level

31-32

- 000 - No detectable antibody
- 004 - Less than 1:5
- 005 - Trace
- 006 - Greater than 1:5
- 008 - 1:8 dilution
- 016 - 1:16 dilution
- 017 - Greater than 1:16
- 032 - 1:32 dilution
- 064 - 1:64 dilution
- 065 - Greater than 1:64
- 128 - 1:128 dilution
- 256 - 1:256 dilution
- 999 - Unknown

SEROLOGICAL TESTING
 CARD 18131

CARD 18131		NINDS		REQUEST NUMBER		STUDY NUMBER		DATE OF SPECIMEN		SPECIMEN NUMBER AND OTHER DESIGNATION		FLU A HEMAGG INHIBIT TITERS (Minimum Class Virus)		TITER LEVEL		BLANK	
---------------	--	-------	--	----------------	--	--------------	--	------------------	--	---------------------------------------	--	--	--	-------------	--	-------	--

Request number 002, study number 70750

STUDY NUMBER	REQUEST NUMBER	DATE	TIME	TEST	RESULT	REMARKS
3		15	16	17	18	19 20 21
4		15	16	17	18	19 20 21
5		15	16	17	18	19 20 21
6		15	16	17	18	19 20 21
7		15	16	17	18	19 20 21
8		15	16	17	18	19 20 21
9		15	16	17	18	19 20 21
10		15	16	17	18	19 20 21
11		15	16	17	18	19 20 21
12		15	16	17	18	19 20 21
13		15	16	17	18	19 20 21
14		15	16	17	18	19 20 21
15		15	16	17	18	19 20 21
16		15	16	17	18	19 20 21
17		15	16	17	18	19 20 21
18		15	16	17	18	19 20 21
19		15	16	17	18	19 20 21
20		15	16	17	18	19 20 21
21		15	16	17	18	19 20 21
22		15	16	17	18	19 20 21
23		15	16	17	18	19 20 21
24		15	16	17	18	19 20 21
25		15	16	17	18	19 20 21
26		15	16	17	18	19 20 21
27		15	16	17	18	19 20 21
28		15	16	17	18	19 20 21
29		15	16	17	18	19 20 21
30		15	16	17	18	19 20 21
31		15	16	17	18	19 20 21
32		15	16	17	18	19 20 21
33		15	16	17	18	19 20 21
34		15	16	17	18	19 20 21
35		15	16	17	18	19 20 21
36		15	16	17	18	19 20 21
37		15	16	17	18	19 20 21
38		15	16	17	18	19 20 21
39		15	16	17	18	19 20 21
40		15	16	17	18	19 20 21
41		15	16	17	18	19 20 21
42		15	16	17	18	19 20 21
43		15	16	17	18	19 20 21
44		15	16	17	18	19 20 21
45		15	16	17	18	19 20 21
46		15	16	17	18	19 20 21
47		15	16	17	18	19 20 21
48		15	16	17	18	19 20 21
49		15	16	17	18	19 20 21
50		15	16	17	18	19 20 21
51		15	16	17	18	19 20 21
52		15	16	17	18	19 20 21
53		15	16	17	18	19 20 21
54		15	16	17	18	19 20 21
55		15	16	17	18	19 20 21
56		15	16	17	18	19 20 21
57		15	16	17	18	19 20 21
58		15	16	17	18	19 20 21
59		15	16	17	18	19 20 21
60		15	16	17	18	19 20 21
61		15	16	17	18	19 20 21
62		15	16	17	18	19 20 21
63		15	16	17	18	19 20 21

W12

SEROLOGICAL TESTING
(CONGENITAL HEART)

1114 NUMBER ON CARD	2	REQUEST NUMBER	4	5	6	7	8	9	10	11	12	13	14	15	16	18	21	22	23	19	20	
CARD # 2813		NINDB	STUDY NUMBER	DATE OF	SPECIMEN NUMBER AND PERIOD DRAIN	POLIO 1	POLIO 2	POLIO 3	COX B-1	COX B-2	COX B-3	COX B-4	COX B-5	COX B-6	EEE (EASTERN EQUINE ENCEPHALITIS)	WEE (WESTERN EQUINE ENCEPHALITIS)	PARA (PARA-INFLUENZA)	MUMPS	RS (RESPIRATORY SYNCYTIAL)	PARA I	PARA II	BLANK
TITER LEVEL																						

Request number 005 or 006, study number 70760

Ed

December 1969

ITEM NUMBER ON FORM	3	REQUEST NUMBER	4	STUDY NUMBER	5	ADENO	COX A-2	COX A-4	COX A-8	COX A-9	ECHO 6	ECHO 5	ECHO 11	ECHO 16	PSITT (PSITTICOSIS)	ECHO 10	ECHO 20
NINDB		SPECIMEN NUMBER AND SERIAL DRAWN			TITER LEVEL												
CARD # 3913		ABNORMAL IN CONTROL															

Request number 005 or 006, study number 70760

Serological Testing
 (Central Nervous System)

REQUEST NUMBER STUDY NUMBER DATE OF SPECIMEN SPECIMEN NUMBER AND PERIOD DRAIN		TITER LEVEL FLU A FLU B FLU C REO MUMPS ECHO 6 RS (RESPIRATORY SYNCYTIAL) HERPES CMV (CYTOMEGALIC VIRUS) RUBELLA		BLANK
# CARD	# INDB			

Request number 006, study number 71060

Serological Testing
(Central Nervous System)

CARD # 2813		HINDS #		REQUEST NUMBER		STUDY NUMBER		DATE		SPECIMEN NUMBER AND PERIOD DRAIN		TITER LEVEL		BLANK	
												COX B1			
												COX B2			
												COX B3			
												COX B4			
												COX B5			
												COX B6			
												RUBELLA			

Request number 006, study number 71060

SEROLOGICAL TESTING
 (CEREBRAL PALSY)

CARD #		NIADB #		REQUEST NUMBER		STUDY NUMBER		DATE OF SPECIMEN		SPECIMEN NUMBER AND PERIOD DRAWN		TITER LEVEL												BLANK											
												ADENO												CMV (CYTOMEGALO VIRUS)											
												COX A2												COX B6											
												COX A4												COX B5											
												COX A8												COX F+											
												COX A9												COX B3											
												COX B1												COX B2											
												COX B2												COX B5											
												COX B1												COX B6											

Request number 007, study number 71130

SEROLOGICAL TESTING
(GENERAL PAIST)

CARD		2813		NINDS		REQUEST NUMBER		STUDY NUMBER		DATE OF SPECIMEN		SPECIMEN NUMBER AND PERIOD DRAIN		ECHO 6		ECHO 9		ECHO 11		ECHO 16		ECHO 20		EEE (EASTERN EQUINE ENCEPH)		STE (ST LOUIS EQUINE ENCEPH)		WEE (WESTERN EQUINE ENCEPHALITIS)		FLU A		FLU B		FLU C		HERPES		MUMPS		PARA 1 (PARA-INFLEXIA)		BLANK			

Request number 007, study number 71130

SEROLOGICAL TESTING
(GENERAL PALS)

1	2	3	4	5	6	7	8	9	10
TAKEN AT		DATE		STUDY NUMBER		REQUEST NUMBER		SPECIAL NUMBER AND FIELD DESIGN	
383		12/15/52		NINDS		44		DATE OF SIGNATURE	
POLIO 1		POLIO 2		POLIO 3		BITT (PSITTICOSIS)		RED	
RUBELLA		RUBELLA		RUBELLA		RS (RESPIRATORY SYNTIC)		VARICELLA	
BLANK									

Request number 007. study number 71130

SEROLOGICAL TESTING

Card 18131

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
										CARD # 18131										RUBELLA #										REQUEST NUMBER										STUDY NUMBER										DATE OF SPECIMEN										SPECIMEN NUMBER AND PERIOD BEHIND										RUBELLA TITER LEVEL																													

Request number 004, study number 70750

W13 SEROLOGICAL TESTING FOR TOXOPLASMOSIS AND RUBELLA

The Serological Testing for Toxoplasmosis and Rubella work file is made up of two separate card types, one for toxoplasmosis and another for rubella. In the NINCDS User's Guide these two card types are known as W13A and W13B.

This tape contains 39,645 records; 23,794 for toxoplasmosis and 15,851 for rubella.

W13A SEROLOGICAL TESTING FOR TOXOPLASMOSIS

The serological testing for toxoplasmosis card contains the Hemagglutination Inhibition test for all gravidas registered between January 1, 1959 and September 1963. Cases with greater than a four-fold rise in toxo titer level and those with toxo titer level = 4097 are identified.

W13B SEROLOGICAL TESTING FOR RUBELLA

The serological testing for rubella card contains data on all grvida at risk during the rubella epidemic, January 1964 through September 1964.

TAPE CHARACTERISTICS

This work file contains 39,645 records; each record is an 80 column card image. The tape is a 1600 bpi 9 track tape with 4000 characters per block.

This file has a structure similar to that of the master file; the records are ordered by NINDB case number. The number of cards for each NINDB case number is dependent of how many specimens were drawn for toxoplasmosis and how many were drawn for rubella; one NINDB case number might have a single toxoplasmosis card, another might have a toxoplasmosis card and two rubella cards.

Each card image has a format similar to that of the master file; col 1-5 contain the card, form and revision number, 18132; and col 6-14 contain the NINDB case number. It is the request number field, col 15-17, and the study number field, col 18-22, which distinguish between the two card types. For toxoplasmosis cards, the request number is 001, the study number 70560; for rubella cards the request number is 002, the study number 70810.

Within a single card type, it is the date of specimen, columns 23-28 for rubella and columns 23-26 for toxoplasmosis that differentiate the multiple testings.

A sample of the cards from this work file will help clarify the above description.

18132AAAAAAA3900270810050464 ...
18132AAAAAAA3900270810033064 ...
18132888888819001705600959 ...

The first two cards (NINDB case number AAAAAA39) represent a patient with two rubella specimens; one collected in March 1964, another in May 1964. The last card (NINDB case number 88888819) represents a patient with one toxoplasmosis specimen collected in September 1959.

TABLE OF DATA ITEMS

Serological testing for toxoplasmosis

DATA ITEM NO	CARD NUM	FROM TO	DATA ITEM NAME
6604..W-13A	12132	1	Card number (-18132-), neutralization inhibition test
6605..W-13A	18132	6	WINDA case number
6606..W-13A	18132	15	Serology request number: MOTHER, GENERAL, SEROLOGY
6607..W-13A	18132	18	Serology study number (-70160-); virology protocol 56; toxoplasmosis study: MOTHER, GENERAL, SEROLOGY
6608..W-13A	18132	23	Serology specimen, date (m/y/y); MOTHER, GENERAL, SEROLOGY
6609..W-13A	18132	27	Serology specimen, number and serial drawn: MOTHER, GENERAL, SEROLOGY
6610..W-13A	18132	29	RACE: MOTHER, GENERAL, SOCIOECONOMIC INFO
6611..W-13A	18132	30	AGE: MOTHER, REGISTRATION, CURRENT PREGNANCY
6612..W-13A	18132	32	TOXO titer level, toxoplasmosis study: MOTHER, GENERAL, SEROLOGY
6613..W-13A	18132	36	TOXO titer level record, toxoplasmosis study: MOTHER, GENERAL, SEROLOGY
6614..W-13A	18132	37	TOXO titer, greater than four fold rise, toxoplasmosis study: MOTHER, GENERAL, SEROLOGY
6615..W-13A	18132	38	WINDA

TABLE OF DATA ITEMS

Serological Testing for Rubella

DATA CARD	DATA ITEM NAME
ITEM ID	FROM TO
6616..W-13A 18132	1 5 Card number (-18132-), hemagglutination inhibition
6617..W-13A 18132	6 14 WINDA case number
6618..W-13A 18132	15 17 Serology request number: MOTHER, GENERAL, SEROLOGY
6619..W-13A 18132	18 27 Serology study number (-170110-); rubella study: MOTHER, GENERAL, SEROLOGY
6620..W-13A 18132	23 28 Serology specimen, date (mm/yy/yr): MOTHER, GENERAL, SEROLOGY
6621..W-13A 18132	29 30 Serology specimen, number and period drawn: MOTHER, GENERAL, SEROLOGY
6622..W-13A 18132	31 34 Rubella virus: RV; rubella study, titer level: MOTHER, GENERAL, SEROLOGY
6623..W-13A 18132	35 35 Rabbit kidney number 1, virus, RKI, rubella study: MOTHER, GENERAL, SEROLOGY
6624..W-13A 18132	36 36 Infection, clinical: rubella study: serology: MOTHER, GENERAL, SEROLOGY
6625..W-13A 18132	37 38 None

DEFINITION OF CODES
SEROLOGICAL TESTING
TOXOPLASMOSIS
CARD 18132

NOTE: File consists of gravida registered through September 1963.

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Card Number</u> Code: 1	1
2. <u>Form Number</u> Code: 813	2-4
3. <u>Revision Number</u> Code: 2 - Hemagglutination Inhibition Test	5
4. <u>NINDB Number</u> Item 3 Nine digit number for Patient Identification Code: As given	6-14
5. <u>Request Number</u> Code: 001 - 1st Request	15-17
6. <u>Study Number</u> Item 4 Five digit number Code: 70560 - Virology Protocol 56	18-22
7. <u>Date of Specimen</u> Item 5 Four digit code for: <u>Month</u> - (cols. 23-24) <u>Year</u> - (cols. 25-26) Code: As given	23-26
8. <u>Specimen Number and Period Drawn</u> Item 6 Code: R1 - Registration and 0-12 wks. since LMP R2 - Registration and 13-20 wks. since LMP R3 - Registration and 21-28 wks. since LMP R4 - Registration and 29-36 wks. since LMP R5 - Registration and 37-43 wks. since LMP R6 - Registration obtained at premature or postmature termination of pregnancy 01 - 1st specimen drawn 0-12 wks. since LMP 02 - 1st specimen drawn within 13-20 wk. period since LMP 03 - 1st specimen drawn within 21-28 wk. period since LMP	27-28

Definition of Codes (Cont.)

Toxoplasmosis
Card 18132

FIELD

CARD
COLUMN

8. Specimen Number and Period Drawn (Cont.)

27-28

- 04 - 1st specimen drawn within 29-36 wk.
period since LMP
 - 05 - 1st specimen drawn within 37-43 wk.
period since LMP
 - 06 - 1st specimen obtained at premature or
postmature termination of a pregnancy
 - 07 - 1st specimen obtained between 4 and 12 wks.
after termination of pregnancy
 - 08 - 1st specimen of cord blood obtained at
delivery
 - 09 - 1st specimen of baby's blood obtained
between 4th and 6th month
 - 12 - 2nd specimen drawn in period 13 through 20
weeks since LMP
 - 13 - 2nd specimen drawn in period 21 through 28
weeks since LMP
 - 14 - 2nd specimen drawn in period 29 through 36
weeks since LMP
 - 15 - 2nd specimen drawn in period 37 through 43
weeks since LMP
 - 17 - 2nd specimen obtained beyond 4 and 12 weeks
after termination of pregnancy (after 5 or 6
as appropriate)
 - 22 - 3rd specimen drawn in period 13 through 20
weeks since LMP
 - 23 - 3rd specimen drawn in period 21 through 28
weeks since LMP
 - 24 - 3rd specimen drawn in period 29 through 36
weeks since LMP
 - 25 - 3rd specimen drawn in period 37 through 43
weeks since LMP
 - 27 - 3rd specimen obtained between 4 and 12 weeks
after termination of pregnancy (after 5 or 6
as appropriate)
 - 32 - 4th specimen drawn in period 13 through 20
weeks since LMP
 - 33 - 4th specimen drawn in period 21 through 28
weeks since LMP
 - 34 - 4th specimen drawn in period 29 through 36
weeks since LMP
 - 35 - 4th specimen drawn in period 37 through 43
weeks since LMP
 - 37 - 4th specimen obtained beyond 4 and 12 weeks
after termination of pregnancy (after 5 or 6
as appropriate)
-

Definition of Codes (Cont.)

Toxoplasmosis
Card 18132

FIELD

CAED
COLUMN

8. Specimen Number and Period Drawn (Cont.) 27-28
D5 - Delivery - specimen obtained 37 through 43 weeks since LMP
D6 - Delivery - specimen obtained at premature or postmature termination of pregnancy (i.e., abortion, immature, premature and postmature births)
9. Race 29
Item 7
Code: 1 - White
2 - Negro
3 - Oriental
4 - Puerto Rican
8 - Other
9 - Unknown
10. Age of Mother 30-31
Item 8
Code: 10-58 - As given
99 - Unknown
11. Toxo Titer Level 32-35
Item 13
Code: 0000 - Dilution less than 1:32
0031 - Trace
0032 - 1:32 dilution
0064 - 1:64 dilution
0128 - 1:128 dilution
0256 - 1:256 dilution
0512 - 1:512 dilution
1024 - 1:1024 dilution
2048 - 1:2048 dilution
4096 - 1:4096 dilution
4097 - Dilution greater than 1:4096
12. Titer Level Recode 36
Code: 0 - 0000, 0031
1 - 0032
2 - 0064
3 - 0128
4 - 0256
5 - 0512
6 - 1024
7 - 2048
8 - 4096
9 - 4097

Definition of Codes (Cont.)

Toxoplasmosis
Card 18132

FIELD

CARD
COLUMN

13. Greater than Four-Fold Rise
Code: 0 - No
1 - Yes

37

DEFINITION OF CODES
SEROLOGICAL TESTING
RUBELLA
CARD 18132

<u>FIELD</u>	<u>CARD COLUMNS</u>
1. <u>Card Number</u> Code: 1	1
2. <u>Form Number</u> Code: 813	2-4
3. <u>Revision Number</u> Code: 2 - Hemagglutination Inhibition Test	5
4. <u>NINDE Number</u> Nine-digit number for Patient Identification Code: As given	6-14
5. <u>Request Number</u> Code: 002 - 2nd Request	15-17
6. <u>Study Number</u> Five-digit number Code: 70810 - Rubella Study	18-22
7. <u>Date of Specimen</u> Six-digit code for: <u>Month</u> (cols. 23-24) <u>Day</u> (cols. 25-26) <u>Year</u> (cols. 27-28) Code: As given	23-28
8. <u>Specimen Number and Period Drawn</u> Code: R1-R5 - Registration Specimen drawn during 1st-5th periods 02-05 - First specimen drawn during 2nd-5th periods 22-25 - Second specimen drawn during 2nd-5th periods D5-D6 - Delivery specimen drawn during 5th-6th periods 07 - Post partum specimen	29-30

DEFINITION OF CODES (Cont.)

Rubella
Card 18132

FIELD

CARD
COLUMN

- | | | |
|-----|--|-------|
| 9. | <u>RV-Titer Level</u> | 31-34 |
| | Code: 0000 - Dilution less than 1:4 | |
| | 0004 - 1:4 dilution | |
| | 0005 - Trace 1:4 | |
| | 0008 - 1:8 dilution | |
| | 0016 - 1:16 dilution | |
| | 0032 - 1:32 dilution | |
| | 0064 - 1:64 dilution | |
| | 0128 - 1:128 dilution | |
| | 0256 - 1:256 dilution | |
| | 0512 - 1:512 dilution | |
| | 1024 - 1:1024 dilution | |
| | 2048 - 1:2048 dilution | |
| | 4096 - 1:4096 dilution | |
| | 4097 - Dilution greater than 1:4096 | |
| 10. | <u>Rabbit Kidney Number 1 Tissue (RK1)</u> | 35 |
| | Code: 0 - Negative | |
| | 1 - Positive | |
| | 9 - No Test administered | |
| 11. | <u>Clinical Infection Serology</u> | 36 |
| | Code: 1 - Seroconversion | |
| | 2 - Equal to or greater than 4 fold rises -
Boost in Antibody | |
| | 3 - High titers with clinical infection | |
| | 4 - Equal to or greater than 4 fold drops -
Drop in Antibody | |
| | 5 - Low titer - None of the above | |
| | 6 - No Sera | |
| | 7 - Not tested - Unknown | |

SEROLOGICAL TESTING
FORM ADH-56*

STUDY # 001	3	4	5	6	7	8	15	BLANK
CARD # 1013	NINDB*	STUDY NUMBER 70560	DATE	AGE OR MONTHS	TOTAL TEST LEVEL	AGE OR MONTHS		

* Neagututination Inhibition Test

Request number 001, study number 70560

W14 SEROLOGICAL TESTING, CORD BLOOD

The serological testing - cord blood work file contains the immunoglobulin test (IgM, IgG and IgA) on all cord sera received at the Perinatal Research Branch. Samples from all institutions except Oregon and Columbia are included in this file. No cords were received from Oregon. The Columbia sera may be tested in the future.

WORK FILE CHARACTERISTICS

The work file contains 32,098 records; each record is 80 characters in length. The file is available on 1600 bpi 9 track tape with 4000 characters per block.

Each card image has a format similar to that of the master file; columns 1-5 are the card, form and revision number, 18133; and columns 6-14 are the NINDB case number; columns 18-22 are the study number, 71150.

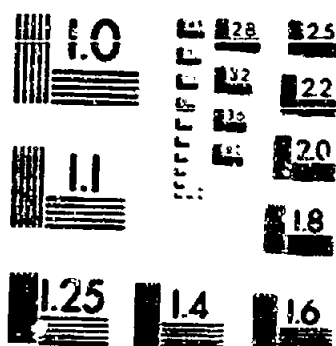
TABLE OF DATA ITEMS

Serological testing, cord blood				DATA ITEM NAME	
ITEM IN	NUM	FROM	TO		
6626...	6-14	18133	1	5	Card number ("18133")
6627...	6-14	18133	6	14	MINDA case number
6628...	6-14	18133	15	17	Serology request number: OTHER, GENERAL, SEROLOGY
6629...	6-14	18133	18	22	Serology study number ("71150"); cord blood immunoglobulin study: OTHER, GPMAL, SPALNGY
6630...	6-14	18133	23	23	Serology specimen number: cord blood immunoglobulin study: OTHER, GPMAL, SPALNGY
6631...	6-14	18133	24	27	Immunoglobulin A level: 123; cord blood immunoglobulin study (23): OTHER, GENERAL, SEROLOGY
6632...	6-14	18133	28	31	Immunoglobulin A level: 134; cord blood immunoglobulin study (23): OTHER, GENERAL, SEROLOGY
6633...	6-14	18133	32	33	Immunoglobulin G level: 135; cord blood immunoglobulin study (23): OTHER, GENERAL, SEROLOGY
6634...	6-14	18133	36	60	Blank

DEFINITION OF CODES
SEROLOGICAL TESTING
CARD 18133

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Card Number</u> Code: 1	1
2. <u>Form Number</u> Code: 813	2-4
3. <u>Revision Number</u> Code: 3 - Immunoglobulin Test	5
4. <u>NIHIDR Number</u> Nine digit number for Patient Identification Code: As given	6-14
5. <u>Request Number</u> Code: 001 - 1st Request	15-17
6. <u>Study Number</u> Code: 71150	18-22
7. <u>Specimen Number</u> Code: 8 - Cord Blood	23
8. <u>Immunoglobulin M (IgM)</u> Code: 0060-1900 - 6.0 - 190.0 μ gms. Σ 2000 - Greater than 190.0 μ gms. Σ 8888 - No Reaction (Less than 6.0 μ gms. Σ) 9999 - Quantity not sufficient	24-27
9. <u>Immunoglobulin A (IgA)</u> Code: 0000 - Test not required (IgM less than 20.0 μ gms. Σ) 0120-3800 - 12.0 - 380.0 μ gms. Σ 4000 - Greater than 380.0 μ gms. Σ 8888 - No Reaction (Less than 12.0 μ gms. Σ) 9999 - Quantity not sufficient	28-31
10. <u>Immunoglobulin G (IgG)</u> Code: 0000 - Test not required (IgM less than 20.0 μ gms. Σ) 0032-1020 - 32 - 1020 μ gms. Σ 1030 - Greater than 1020 μ gms. Σ 8888 - No Reaction (Less than 32 μ gms. Σ) 9999 - Quantity not sufficient	32-35

ITEM NUMBER	3	REQUEST NUMBER (003)	STUDY NUMBER (71150)	INSTRUMENT NUMBER	I ¹ M LEVEL	I ¹ R LEVEL	I ¹ 6 LEVEL
FORM							
CARD # 0013		NINDB #					
BLANK							



MICROCOPY RESOLUTION TEST CHART
 NATIONAL BUREAU OF STANDARDS
 STANDARD REFERENCE MATERIAL 1010A
 ANSI INCISO TEST PART 1010A

CONTINUED ON NEXT FICHE