



**NINCDS COLLABORATIVE
PERINATAL PROJECT
A User's Guide to the Project and Data**

**Volume II: Project Study Forms
and Documentation of Transfer
to Computerized Data Items
in Master File**

**Part G: Pediatric Neurological Exams,
Seven Years**

December 1983

**Prepared for
the National Institute of Neurological
and Communicative Disorders and Stroke
under Contract 2311105150**

 **Battelle**
Pacific Northwest Laboratories

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**Volume II. Project Study Forms and Documentation
of Transfer to Computerized Data Items
in Master File**

Part G. Pediatric Neurological Exams, Seven Years

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INTRODUCTION

DOCUMENT OBJECTIVES AND READER ASSUMPTIONS

Volume II, Project Study Forms and Documentation of Transfer to Computerized Data Items in Master File, provides researchers with detailed documentation for how data were collected, coded and stored on the data base. Volume II will help investigators decide: if data were collected in a suitable way for addressing particular research questions; if revision of forms affected the collection of specific data items; if data were coded on master, variable or work files, or are available only on microfilm. The reader is assumed to be the principal investigator for a project in which data from the data base will be used.

DOCUMENT STRUCTURE

Because of its size, this volume is divided into ten separate parts, each containing material on a group of forms related by subject. Each part groups together similar study forms. Generally, a part covers a single time period. The parts do not correspond exactly to the hierarchical classification structure described in Volume I. The parts of Volume II include:

- A. Prenatal Record and Medical History
- B. Labor and Delivery
- C. Pathological Exams and Autopsies
- D. Family and Socioeconomic History
- E. Neonatal Exams and Observations
- F. Pediatric and Neurological Exams, Four Months - One Year
- G. Pediatric Neurological Exams, Seven Years
- H. Psychological Exams, Eight Months
- I. Psychological Exams, Four Years and Seven Years
- J. Speech, Language and Hearing Exams, Three Years and Eight Years (Final)

This part of Volume II contains Part G: Pediatric Neurological Exams, Seven Years and includes Forms PED-74, PED-75, PED-76 and IDC-77.

To allow easy access to the data as they appear on the master file, all documentation for each form or form grouping representing a card series on the master file is identified by form number appearing at the bottom of each page. Forms are arranged in what may appear to be illogical numerical order in some cases, but the arrangement presented here ties forms and their revisions together and allows an investigator to trace an item through all revision cycles. Thus, in Part A of Volume II, OB-42 follows OB-9 and OB-10 appears next to OB-44 and OB-45. (For an explanation of how the master file was organized to result in this ordering, see the next section of the Introduction.)

All material related to a form is organized as a single unit within each part of volume II. The material included for each form is given below in the order it appears:

- Descriptive Summary of Form. Includes purpose of form, history of use, revisions and location of records stored on Master File. A table is provided for each form (except those on microfilm only) showing the number of records available for each revision.
- Data Items Referencing Form. A list of all data items in computer files originating from form. List ordered by data item identification with reference to item number on form.
- Form. Copy of last revision of form.
- Form Item Numbers linked to data items. A list organized by form item numbers of all computerized data items originating from the form.
- Definition of codes. Coding instructions detailing the codes assigned to each computerized data item from the form.
- Master File Card Image. Illustrates transfer of data on form to Master File card.
- Instructions for completing form. The instructions used by study personnel to complete the form for each case.
- Earlier Forms or Manuals. Copies of earlier versions of forms or manuals that were used during the study.

MASTER FILE ORGANIZATION AND REVISION OF FORMS

Some understanding of how the master file was organized should aid investigators who want to trace the entry of data into computerized study files. The numbering system used both on forms and cards provides information on how data may be retrieved from the master file.

Forms

The first forms used in the study were the OB forms; as a consequence, this group of forms underwent the most revision. At first glance, it appears that forms disappear from the file and reappear in strange or bewildering places. In actuality, revisions were made according to a specific method.

Two types of revision and subsequent recodes appear in the master file, both of which appear in the OB series. In the first type of revision, radical changes in the concept of a form created a need for new coding in the computer file. Form OB-3, for example, was replaced by forms OB-40 (an optional form retained by the institution), OB-42, and OB-43 in April 1962. Data for earlier patients were recorded on OB-9 and entered on cards 1309, 2309, 3309 and 4309 of the master file; after April 1962, data was recorded on OB-42 and OB-43 and were entered on cards 0342, 1342 and 2342 of the master file.

In the second type of revision, the Collaborative Perinatal Task force considered revisions important enough to warrant the distinction of a new form number, but considered the data for both forms to be similar enough to allow combining of data from both the old and new forms of the same card series. An example of this type of revision is form OB-35, replaced by OB-57 in April 1962. Records for both OB-35 and OB-57 are entered on cards 0357, 1357, 2357, 3357, 4357, and 5357 in the master file.

In assigning numbers to forms and their revisions, designers of the study followed a plan: prenatal records, history, and summaries of the prenatal period received numbers 1 through 15; when revised, these forms were assigned numbers in the forties. Labor and hospital records appeared on the 30 series of forms. When these forms were revised, they were assigned numbers in the fifties. Some 50 data in the master file were abstracted by MIRCOS staff members from forms filled out at the hospital. Cards derived from this procedure were designated as coming from forms ADM-49, 50 and 51 (which were actually ABSTRACT (0005)). Autopsy protocol and laboratory exams of the placenta were recorded on forms PATH-1, PATH-2 and PATH-3.

Forms for recording family health history and genetic information during pregnancy also received a fair amount of revision. Early records appear on forms FHH-1, 3 and 4. With revisions in April 1963, form SE-1 replaces part of FHH-1 and FHH-3; FHH-2, FHH-4 and parts of FHH-1 and FHH-3 were replaced by

forms GEH-5 through GEH-8 in May 1961. Form FEH-9, initiated in November 1965 for collection of socioeconomic data at time the child was seven years of age, was not replaced or revised.

The FED series of forms underwent little revision. Records for newborn babies appeared in FED-1 through FED-6; records for children up to age six and interval records were placed on FED-10 through FED-19. Seven year records were included in the series numbered FED-74 and up. Only one pediatrics form was radically revised: FED-7 was replaced by FEH-8 in March 1966.

No replacements occur in the FS series, where results of psychological and speech, language and hearing tests were recorded. The FS forms are divided into distinct groups based on time of testing and subject of testing. Psychological testing occurred at 1 month, 4 years and 7 years; speech, language and hearing exams were administered at ages 3 and 4. Only the speech psychological examination underwent substantial revisions.

Master File Card Number and
MINDB Case Number Rationale

Computer cards for each NIEP study form are numbered to reflect their origin and possible revisions. Card numbers are assigned to identify the type of data (subject), the presence of multiple cards in a series, NIEP study form and form revisions. The first five digits of each card on the master file are the card number. The study forms and card numbers are given in figure 1.

The first fourteen columns of each master file computer card contain the master file card number and the MINDB case number. Table 1 identifies the function of each of these columns.

Column 1 identifies multiple cards in a series. It contains a zero for cards unique to a particular form (that is, no other cards are present), for example GB-3, or for cards where repetitive data are contained. Cards for GB-2 are an example of this second type; no new categories of information are included on successive cards, but previous births in excess of four must be recorded on an add-on card. For card series where data entered are unique to a card and more than one card is required to complete the series, a "1" is used to designate the first card, for example GB-5. GB-57, PATH-2 and FED-14 are exceptions to these rules.

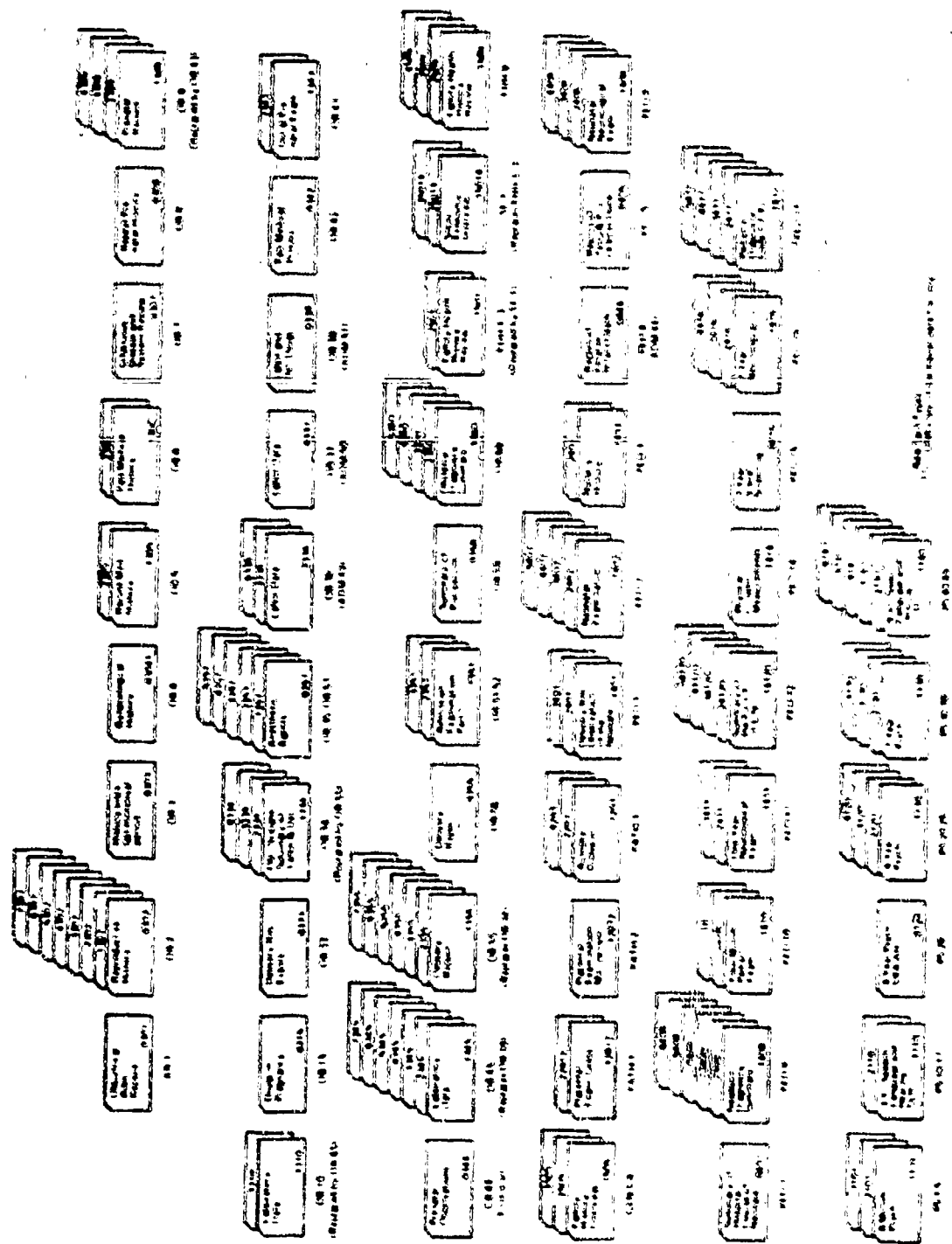


FIGURE 1. Cards on the Master Data File

**TABLE 1. Derivation of Master File Card Index
and NINDB Case Number.**

<u>Contents</u>	<u>Columns</u>
Master File Card Number	
card identifier	1
general subject matter	2
form number	3-4
revision code	5
NINDB Case Number	
collaborating institution	6-7
type of patient selection	8
gravidity identification number	9-12
order of the pregnancy	13
identifies child or gravidity	14

The second digit on the card reveals the general subject matter covered by data on the card. All cards containing information pertaining to obstetrics, for example, are designated by a "3" in column 2; family histories are designated by a "5"; pathology with a "2"; pediatrics, with a "1"; and psychological testing with a "4".

Columns three and four reveal the form number. In the case of forms where old and new forms having different numbers are included together, the number of the latest form appears on the master file. This rule does not apply to data abstracted from several forms by NINDBS staff (ADM forms).

Column 5 of the card contains a revision code indicating which form or combination of forms was used in arriving at data on a particular card. A typical card will have one to three revision codes, with a zero indicating the first version of a form, and "1", "2", and "3" indicating later revisions. As a rule, revision codes used on cards differ from card to card; investigators should check the definition of codes provided in Volume II to determine the meaning of revision codes used.

Each woman and child studied in the project received a unique case number (NINDB case number) composed of nine digits, recorded in columns 6 through 14 of all master file cards. The case number identified the institution, the mother and the child. The first two digits represented the collaborating institution (see Table 2). The third digit indicated the type of patient

selection. A "1" was used for patients selected for the central core study; a "2" indicated that a patient had been transferred from one institution to another, and a "3" indicated that the patient was part of a special study undertaken by the collaborating institution. The fourth through seventh digits were used to identify the gravida, while the eighth digit identified the order of the pregnancy of a given gravida in the project. The ninth digit was used to identify the gravida or child of the pregnancy; "9" indicated the gravida, "0" indicated the child of a single birth, "1" indicated the first child of a multiple birth, "2" indicated the second child of a multiple birth, etc.

**Table 1. Collaborating Institutions and Their Code Number
(Columns six and seven of all master file cards.)**

44 - Boston, Massachusetts Harvard Medical School Boston Lying-in Hospital Children's Hospital Medical Center	48 - Minneapolis, Minnesota University of Minnesota Hospital Health Sciences Center
45 - Buffalo, New York University of Buffalo Children's Hospital	49 - New York, New York New York Medical College Metropolitan Hospital
46 - New Orleans, Louisiana Ochsner Hospital Tulane University School of Medicine Medical Center Louisiana State University	50 - Portland, Oregon University of Oregon Medical School
47 - New York, New York Columbia University College of Physicians & Surgeons Columbia-Presbyterian Medical Center	51 - Philadelphia, Pennsylvania University of Pennsylvania Pennsylvania Hospital The Children's Hospital of Philadelphia
48 - Baltimore, Maryland The Johns Hopkins University School of Medicine The Johns Hopkins Hospital	52 - Providence, Rhode Island Brown University Child Study Center
49 - Richmond, Virginia Virginia Commonwealth University Medical College of Virginia	53 - Memphis, Tennessee University of Tennessee College of Medicine Gallie Hospital

Data Item Identification and Naming

The LAPP data base contains over 6700 different data items and blank filler locations on computer files. We have assigned each of these a unique identification and a terse, stylized name. Because names were chosen to facilitate use of this guide, they do not duplicate names used by MIBS during the active phase of the project. Users should consult appropriate documentation before using data items from the master, variable or work files (Volumes II, III and IV).

The data item identifiers consist of 11 characters. At the far left are four unique numbers that were assigned sequentially. The next character is always a period and is followed by up to six characters. For data items on the master file, these characters describe the data collection form from which a data item was derived; for data items on the variable (VAR) or work (W) files, these characters indicate the appropriate file. If the right side is less than six characters, periods are inserted as shown in these examples:

850..02-14	an item from 02-14; on the master file
1000.PATH-3	an item from PATH-3; on the master file
5173....VAR	an item on the variable file
6340...W-10	an item on work file 10, Rupture of Membranes

We assigned the numbers sequentially as they appear in volume V. For the master file, we followed the order in which the cards would be found within an MIBS case. All card columns are accounted for by one of our data item identifications. For the variable and work files, the numbers were assigned in the order that data items appear within a case.

We categorized each data item according to the person to whom the data refer, by the type of measurement and/or the time to which the item applies and by general type or subject area (Table I). Then we assigned names to the data items using the following guidelines:

- The name and the three associated categories had to stand alone - they must describe the data item out of context.
- The first word in the data item name had to be an invariant or key word when all names were listed alphabetically as in Volumes VI and VII. Thus "cry," "stimuli" was used rather than "atrial cry" because a

researcher is more likely to find for this item under "C" than under "A" in an alphabetical list.

- Secondary key words are provided with a definition to facilitate preparation of the permuted index. For example, "abruption; placenta" will be found under both the "A" and "P" portion of Volume II.
- Qualifying words are delimited by commas and will not appear as keywords in Volume II. Thus "abruption; placenta, degree" will not be found in the "D" section.
- If medical terminology or usage has changed since the study was conducted, recent terms may be included and will be enclosed in brackets. Thus "Morgagni's [Lancet's] syndrome" will appear under both the "M" and "L" portions of Volume II.
- If measurement units are associated with a data item name, they are enclosed in parentheses and placed at the end of the name as in "Birthdate (yr)".
- The categories (person, time and subject) are appended to the right of the data item name.

Definitions for each category used in listing data items are given in Table 4 at the end of this introduction. Additional information is found in Chapter 4 of Volume I.

Data item names thus assigned are terse and highly stylized; as we have already indicated, they are not the names used by NIDIA during the active phase of the project. Our aim was to develop standardized names that would stand alone. These names are intended to facilitate a user's search for data items potentially useful in a research project. Before an item is used, a researcher should consult its complete description. For a data item from the master files, e.g., 850.02-34, the data item should be traced to the appropriate study form, e.g., 02-34, located in Volume II. A variable file data item, e.g., 5223....7A9, is traced to Volume III, where it is defined and its original source given. A data item from a work file is traced to Volume IV for its description.

Some data items contained in the indexes may include the notation "DO NOT USE." These items are either inaccurate or an alternative data item is available that gives better information. Users will find more appropriate data items by consulting one of the indexes to the data items (Volumes V, VI and VII).

Tables of Data Items: Table Listings

For each form, the sets of computer-generated lists for all data items in either the master, variable or work files derived from this form. These lists enable a user to transform items from computerized data items listed in master values of the user's data and vice versa. The computer listings have the following information:

<u>Column Heading</u>	<u>Description</u>
DATA ITEM ID	A unique identifier for this data item. See Data Item Identification and Naming above for details.
ITEM ON FORM	An identifier used on the NIAH study form to identify the question or group of questions which was used to generate this data item.
CARD NO.	Identifies the master file card on which this data item is located. See Master File Card Number and NIAH Case Number Rationale above for a description of card number.
FROM	Beginning card column for this data item.
TO	Ending card column for this data item.
DATA WITH CODE	Range of codes for this data item. See Data Item Identification and Naming above for details.

MASTER FILE DESCRIPTION

By carrying the tables provided for each investigator will be able to determine which master information data of interest. For data contained in the variable file, see column III of form code; for data contained in work files, see column IV.

TABLE 3. Abbreviations for Person, Time and Subject Categories

<u>Person</u>	<u>Time</u>	<u>Subject</u>
Mother	General	Administrative
Father	Preconception	Anesthesia
Placenta	Registration	Clip. Impression
Fetus	Prenatal	Clinical Lab
Child	Admission	Current Pregnancy
* Surrogate	Intrapartum	Environ. Exposure
Family	Delivery	Events
Sibship	Post Partum	Hearing
	Neonatal	Hospitalizations
	Four month	Language
	Eight month	Linkage
	One year	Malformations
	Three year	Diag. & Cond.
	Four year	Med. History
	Seven year	Medications
	Eight year	Neurological Exam
		Observations
		Pathology
		Physical Exam
		Procedure
		Psych. Exam
		Reproductive Hist.
		Serology
		Socioecon. Info
		Speech
		Vision
		Work History
		X-ray
		Summary
		Gyn. History
		Special Studies
		Fam/Genetic Hist.
		SLH Exam

**TABLE 4. Definition of Person, Time
and Subject Categories**

<u>PERSON</u>	<u>DEFINITION</u>
Mother	Study registrant bearing the "study pregnancy"; biologic mother of the "study child"; gravida.
Father	Biologic father of the study child or study pregnancy; in the case of socioeconomic data, this category may indicate either the "father of baby" (not necessarily husband of the mother) or the "husband" (not necessarily related biologically to the study child).
Placenta	The organ of metabolic and gaseous interchange between the fetus and mother; also included in this category are gross and microscopic pathologic data from examination of the umbilical cord.
Fetus	Conceptus; the product of conception including the embryonic stage, i.e., from conception to the moment of birth.
Child	Product of the study pregnancy from the moment of birth onward; study child.
Surrogate	Person or persons substituting for the mother of a study child, e.g., adoptive parents, foster parents or guardian.
Family	Person or persons biologically related to the mother or father of the study child.
Sibship	Child or children having one or both of the same biologic parents as the study child; siblings; half siblings; full siblings.

**TABLE 4. Definition of Person, Time
and Subject Categories (Cont.)**

<u>TIME</u>	<u>DEFINITION</u>
General	Data with no pertinent time period or data pertaining to more than one time period.
Preconception	Data pertaining to the period prior to conception of the study pregnancy.
Registration	Data collected at the time of study mother's registration in the study.
Prenatal	Data pertaining to the period from conception of the study pregnancy to delivery of the study child.
Admission	Data collected at the time of study mother's admission to the hospital for delivery of the study child.
Intrapartum	Data pertaining to the period from admission for delivery or onset of labor to delivery of the study child.
Delivery	Data pertaining to the time period during which delivery of the study child occurred.
Post Partum	Data (pertaining to the study mother) collected during the period immediately following birth of the study child.
Neonatal	Data pertaining to the study child during the period from birth to one month of age; the majority of these data were collected prior to or at the time a study child was discharged from the hospital.
Four Month	Data collected at the time of the four month examination of the study child.
Eight Month	Data collected at the time of the eight month examination of the study child.
One Year	Data collected at the time of the one year examination of the study child.
Three Year	Data collected at the time of the three year examination of the study child.
Four Year	Data collected at the time of the four year examination of the study child.
Seven Year	Data collected at the time of the seven year examination of the study child.
Eight Year	Data collected at the time of the eight year examination of the study child.

**TABLE 4. Definition of Person, Time
and Subject Categories (Cont.)**

SUBJECT	DEFINITION
Administrative	Data pertaining to the administrative aspects of the study.
Anesthesia	Data on medications and procedures used to obtain anesthesia.
Clin. Impression	Impression of abnormality or dysfunction gained by an examiner following evaluation of clinical signs and symptoms and including a subjective component.
Clinical Lab	Data obtained from laboratory examination of clinical specimens.
Current Pregnancy	Personal data and medically relevant information pertaining to the study pregnancy for which the mother is enrolled.
Environ. Exposure	Data on exposure to occupational or other environmental entities or hazards.
Events	Data related to a specific event, occurrence or incidence.
Hearing	Data obtained from examination and testing of hearing function.
Hospitalizations	Data on specific hospital admissions or the number of hospitalizations.
Language	Data obtained from examination and testing of language function.
Lineage	Data on the genetic relationships of family members to the study mother, father or child.
Malformations	Data on the conditions in which failure of normal development has resulted in abnormal physical traits existing at the time of birth.
Diag. & Cond.	Data on specific diagnoses or conditions obtained from past medical history or examination during the study.
Med. History	Data obtained from the study participant or medical records relevant to past or current medical diagnoses or conditions.
Medications	Data on drugs or medications used.
Neurological Exam	Data obtained from observation and physical examination of the central nervous system.
Observations	Data obtained from observations not categorized elsewhere.
Pathology	Data obtained from clinical and anatomical pathological examination.
Physical Exam	Data obtained from physical examination of the study participant.
Procedure	Data relating to specific procedures performed on the study participant prior to or during the period of enrollment in the study.
Psych. Exam	Data obtained from the psychological examinations and observations.

**TABLE 4. Definition of Person, Time
and Subject Categories. (Cont.)**

<u>SUBJECT</u>	<u>DEFINITION</u>
Reproductive Hist.	Data pertaining to the outcome of pregnancies prior to and or during the period of enrollment in the study.
Serology	Data obtained from the laboratory examination of serum by specific immunologic methods.
Socioecon. Info	Data related to the social and economic characteristics and environment of the study participant.
Speech	Data obtained from examination and observation of speech function.
Vision	Data obtained from examination of the eyes.
Work History	Data pertaining to occupation and employment prior to and during the period of enrollment in the study.
X-Ray	Data on diagnostic x rays and diagnostic or therapeutic radiological procedures.
Summary	Data presented as a summary of data collected and recorded elsewhere.
Gyn. History	Medical history specifically related to the female genital tract, reproductive physiology and endocrinology.
Special Studies	Data pertaining to participation in other special organized studies conducted during the period of enrollment in the study.
Fam/Genetic Hist.	Data on the medical histories of family members genetically related to the study child.
SLH Exam	Data obtained from the speech, language and hearing examinations not specifically or exclusively related to one of these areas.

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PED-75	Visual Screening at Seven Years	11.G.5
PED-76	Seven Year Pediatric Neurological Exam	11.G.17
IDC-77	Interdisciplinary Diagnostic Code 1-7 Years	11.G.87

PED-74 Ophthalmology Consultants Report Vision Screening Study

Form PED-74 was completed by a consultant when a seven-year old study child was referred after a PED-75 exam at the hospital. Referrals to an ophthalmologist was obligatory for all cases if one of the following conditions was observed during the visual screening test at seven years (see PED-75): (1) visual acuity less than 20:30 (with or without glasses), (2) hyperopia test failed, (3) muscle balance test failure. This report provided additional information for the visual screening done at seven years of age. Introduced into the study in December 1965, the form was not revised; no instructions for completing the form are available. Data from PED-74 are available on microfilm only.

**OPHTHALMOLOGY CONSULTANT'S REPORT
VISION SCREENING STUDY**

1. CHILD'S NAME _____

2. DATE OF BIRTH

MO.

DAY

YEAR

3. SEX

☐ M ☐ F

4. PARENT'S NAME _____

5. PARENT'S ADDRESS _____

6. VISUAL ACUITY

O.D. _____

O.S. _____

7. DISTANCE MUSCLE BALANCE

8. DISTANCE (20 FT.)

1) Overcorrection _____

☐ Yes ☐ No

2) Horizontal Deviation

1) Base out (R) _____

3

2) Base out (L) _____

3

3) Vertical Deviation

1) R.L. Hyperphoria _____

3

2) L.L. Hyperphoria _____

3

9. NEAR (10 FT.)

1) Overcorrection _____

☐ Yes ☐ No

2) Horizontal Deviation

1) Base out (R) _____

3

2) Base out (L) _____

3

3) Vertical Deviation

1) R.L. Hyperphoria _____

3

2) L.L. Hyperphoria _____

3

10. EXTERNAL EXAMINATION

A. LIDS

☐ Normal

☐ Other (describe) _____

B. CORNEA

☐ Normal

☐ Other (describe) _____

C. ILLERS

☐ Normal

☐ Other (describe) _____

D. CONJUNCTIVA

☐ Normal

☐ Other (describe) _____

E. EYES

☐ Normal

☐ Other (describe) _____

F. OTHER FINDINGS

☐ No

☐ Yes (describe) _____

ILLUSTRATION RESEARCH
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85-7500, MO. 21110

(10-00)

PAGE 1 OF 2

PED-74

11. PATIENT IDENTIFICATION

OPHTHALMOLOGY CONSULTANT'S REPORT
VISION SCREENING STUDY

12. REFRACTIVE ERROR

	SPH	CYL	AXIS	COMMENTS
O.D.				
O.S.				

16. REMARKS

13. OPHTHALMOSCOPIC EXAMINATION

A. FUNDUS

- ☐ Normal
☐ Unusual, Normal Variant (describe)
☐ Unusual, Abnormal Variant (describe)

B. ANY EVIDENCE OF:

- (1) Retrolental Fibroplasia
☐ No ☐ Yes (describe)
(2) Chorioretinitis
☐ No ☐ Yes (describe)
(3) Cataract
☐ No ☐ Yes (describe)
C. OTHER FINDINGS
☐ No ☐ Yes (describe)

14. DIAGNOSIS

15. NOTE BRIEFLY YOUR TREATMENT OF CHILD

17. NAME OF OPHTHALMOLOGY CONSULTANT

18. DATE OF REPORT
MO. DAY, '68.

PED-75 Visual Screening at Seven Years

Form PED-75 was completed when the seven-year-old study child was given a vision test. If certain problem conditions were discovered (see form instructions), the child was referred to a consulting ophthalmologist and form PED-74 was completed. Form PED-75 was implemented into the study in October 1966 and was not revised, though some cards on the master file were punched from a pretest form dated January 1966. Data from PED-75 were recorded on card 0475 of the master file (Table PED-75.1).

TABLE PED-75.1 Cards and Data Records by Revision for Form PED-75

CARD NAME	CARD NUMBER	REV. NO.	NUMBER RECORDS
PED-75: Visual Acuity, Color Tests	0475	0	177
		1	136
		2	38,262
		5	1,090

			39,665
total for form			39,665

Page Items Referencing Form OPD-75, Visual Screening at 7 Years

DATA ITEM ID	ITEM IN FORM	CANN NUM	FROM	TO	DATA ITEM NAME
4661.....		0475	1	5	CART NUMBER (sequence, form 5000, form number, revision number)
4662.....		0475	6	14	MINOR CASE NUMBER
4663.PFU-75	1	0475	15	15	Trainer title
4664.PFU-75	4	0475	16	16	Glasses worn
4665.PFU-75	5	0475	17	18	Form OPD-75 date (mm)
4666.PFU-75	5	0475	19	20	Form OPD-75 date (day)
4667.PFU-75	5	0475	21	22	Form OPD-75 date (yr)
4668.PFU-75	6	0475	23	23	Age (yr)
4669.PFU-75	6	0475	24	25	Age (mo)
4670.PFU-75	7-H	0475	26	26	Visual acuity, without glasses; eye, left
4671.PFU-75	7-H	0475	27	27	Visual acuity, without glasses; eye, right
4672.PFU-75	7-H	0475	28	28	Visual screen; hyperopia; far sight, excessive w/o glasses; eye, left
4673.PFU-75	7-H	0475	29	29	Visual screen; hyperopia; far sight, excessive w/o glasses; eye, right
4674.PFU-75	7-H	0475	30	30	Visual acuity, with glasses; eye, left
4675.PFU-75	7-H	0475	31	31	Visual acuity, with glasses; eye, right
4676.PFU-75	7-H	0475	32	32	Visual screen; myopia; far sight, excessive, with glasses; eye, left
4677.PFU-75	7-H	0475	33	33	Visual screen; myopia; far sight, excessive, with glasses; eye, right
4678.PFU-75	7-H	0475	34	34	Visual screen; hyperopia; far sight, excessive, with glasses; eye, left
4679.PFU-75	7-H	0475	35	35	Visual screen; hyperopia; far sight, excessive, with glasses; eye, right
4680.PFU-75	9	0475	36	36	Visual screen; balance with glasses
4681.PFU-75	10	0475	37	37	Color vision, test 1
4682.PFU-75	10	0475	38	38	Color vision, test 2
4683.PFU-75	10	0475	39	39	Color vision, test 3
4684.PFU-75	10	0475	40	40	Color vision, test 4
4685.PFU-75	10	0475	41	41	Color vision, test 5
4686.PFU-75	10	0475	42	42	Color vision, test 6
4687.PFU-75	10	0475	43	43	Color vision, test 7
4688.PFU-75	11	0475	44	44	Orthoptical referral noted
4689.....		0475	45	45	Notes
4690.....B-7		0475	21	21	Form present

VISUAL SCREENING AT 7 YEARS

1. NAME OF SUBJECT

2. DATE OF BIRTH

3. YEARS CLASSES

4. DATE OF EXAM

5. AGE OF CHILD

INSTRUCTIONS: All children are to be tested with glasses. If they do not check YES, use a second form and repeat test with glasses. See NOTES.

7. LEFT EYE

Mark each box "A" Pass
or "F" Fail

	20/200	20/150	20/100	20/70	20/50	20/40	20/30	20/20
1-2								
3-4								
5-6								
7-8								
9-10								

Visual Acuity

20/

7-B. Extensive Far Sight with +2 Lens

Pass

Fail

9. MUSCLE BALANCE

- See 1-5
- ☐ On table
 - ☐ Off table but on picture
 - ☐ Not seen (off picture)

10. COLOR TESTS

A. Pass

Fail

B. Pass

Fail

11. REFERRAL NEEDED

Yes

No

12. PAGE 2 (Test with Glasses) COMPLETED AND ATTACHED

Yes

No

NOTES: "Continue on Page 2"

"Done on Page 1 if Page 2 is completed."

COLLAPSE: A. RESEARCH
PERINATAL RESEARCH BRANCH, NICHD, NIH
BETHESDA, MD. 20814

1. PATIENT INFORMATION

1. PATIENT INFORMATION

8. RIGHT EYE

Mark each box "A" Pass
or "F" Fail

	20/200	20/150	20/100	20/70	20/50	20/40	20/30	20/20
1-2								
3-4								
5-6								
7-8								
9-10								

Visual Acuity

20/

8-B. Extensive Far Sight with +2 Lens

Pass

Fail

13. COMMENTS

Check box below to indicate whether form represents Page 1 or Page 2.

11-63

Page 1

Page 2

PED-75

FORA ITEM NUMBERS LINKED TO DATA ITEMS ON PED-75, VISUAL SCREENING at 7 YEARS

FORA ITEM NUMBER	DATA ITEM ID	CARD NUM	FROM	TO	DATA ITEM NAME
3	6296...8-7		23	23	PED-75 form present
4	6663.PED-75 0475		15	15	Examiner title
5	6664.PED-75 0475		16	16	Glasses worn
5	6666.PED-75 0475		19	20	7299 PED-75 date (day)
5	6665.PED-75 0475		17	18	7074 PED-75 date (mo)
5	6667.PED-75 0475		21	22	7075 PED-75 date (yr)
6	6669.PED-75 0475		24	25	Age (mo)
6	6668.PED-75 0475		23	23	Age (yrs)
7-R	6675.PED-75 0475		31	31	Visual acuity, with glasses; eye, left
7-R	6676.PED-75 0475		32	32	Visual acuity, with glasses; eye, right
7-R	6670.PED-75 0475		26	26	Visual acuity, without glasses; eye, left
7-R	6671.PED-75 0475		27	27	Visual acuity, without glasses; eye, right
7-R	6672.PED-75 0475		29	28	Visual screen; (hyperopia); far sight, excessive w/o glasses; eye, left
7-R	6673.PED-75 0475		29	29	Visual screen; (hyperopia); far sight, excessive w/o glasses; eye, right
7-R	6677.PED-75 0475		33	33	Visual screen; (hyperopia); far sight, excessive, with glasses; eye, left
7-R	6678.PED-75 0475		34	34	Visual screen; (hyperopia); far sight, excessive, with glasses; eye, right
9	6674.PED-75 0475		30	30	Eyes; muscle balance w/o glasses
9	6679.PED-75 0475		35	35	Eyes; muscle balance with glasses
10	6680.PED-75 0475		36	36	Color; vision, tent 1
10	6681.PED-75 0475		37	37	Color; vision, tent 2
10	6682.PED-75 0475		38	38	Color; vision, tent 3
10	6683.PED-75 0475		39	39	Color; vision, tent 4
10	6684.PED-75 0475		40	40	Color; vision, tent 5
10	6685.PED-75 0475		41	41	Color; vision, tent 6
10	6686.PED-75 0475		42	42	Color; vision, tent 7
10	6687.PED-75 0475		43	43	Color; vision, tent 8
11	6688.PED-75 0475		44	44	Ophthalmologic referral needed

DEFINITION OF CODES
VISUAL SCREENING AT 7 YEARS
FORM PED-75 CARD C-75

<u>FIELD</u>		<u>CARD COLUMN</u>
1.	<u>Card Number</u> Code: 0	1
2.	<u>Form Number</u> Code: 475	2-4
3.	<u>Revision Number*</u> Code: 0 - Pretest Dated: 1/66 1 - Pretest Dated: 1/66 Rev. 5/66 2 - Form Dated: 10/66 3 - Pretest Dated: 1/66 (Exam age outside limits) 4 - Pretest Dated: 1/66 Rev. 5/66 (Exam age outside limits) 5 - Form Dated: 10/66 (Exam age outside limits)	5
4.	<u>NIHUS Number</u> Item 1 Nine-digit number for Patient Identification Code: As given	6-14
5.	<u>Examiner Title</u> Item 3 Code: 1 - Physician 2 - Psychologist 3 - Registered Nurse 4 - Nurse other than Registered 5 - Clerk 9 - Unknown	15
6.	<u>Glasses Worn</u> Item 4 Code: 0 - No 1 - Yes 9 - No report	16
7.	<u>Date of Exam</u> Item 5 Six-digit code for: <u>Month</u> (cols. 17-18) <u>DAY</u> (cols. 19-20) <u>Year</u> (cols. 21-22) Code: As given	17-22

* Unless specified, Fields, Codes and Card Columns refer to Revisions "0", "1", and "2". Item numbers refer to Form Dated: 10/66

DEFINITION OF CODES (Continued)

FORM PED-75
CARD 0475

CARD
COLUMN

23-25

FIELD

8. Age of Child

Item 6

Three digit code for:

Years

(col. 23)

Code: 0 - 10 yrs. (Rev. 3,4,5 only)
1 - 11 yrs. (Rev. 3,4,5 only)
2 - 12 yrs. (Rev. 3,4,5 only)
3-5 - As given (Rev. 3,4,5 only)
6-8 - As given (Rev. 0,1,2 only)
9 - 9 yrs. (Rev. 3,4,5 only)

Months

(cols. 24-25)

Code: 00-11 - As given

9. Visual Acuity: Without Glasses

26-27

Items 7 and 8

Two digit code for:

Left Eye

(col. 26)

Right Eye

(col. 27)

Code for each column: 1 - 20/20
2 - 20/30
3 - 20/40
4 - 20/50
5 - 20/70
6 - 20/100
7 - 20/200
8 - Not applicable - blind
9 - No report

10. Excessive Far Sight WITHOUT GLASSES

28-29

Items 7 and 8

Two digit code for:

Left Eye

(col. 28)

Right Eye

(col. 29)

Code for each column: 1 - Pass
2 - Fail
8 - Not applicable - blind
9 - No report

11. Muscle Balance: Without Glasses

30

Item 9

Code: 1 - Yes, on table
2 - Off table but on picture
3 - Not seen (off table)
8 - Not applicable - blind
9 - No report

12. Visual Acuity: With Glasses

31-32

Items 7 and 8

Code: Same as in Field 9 except code 0 = no glasses worn

DEFINITION OF CODES (Continued)

FORM PED-75
CARD 0475

CARD
COLUMN

FIELD

13. Excessive Far Sight: With Glasses 33-34
Items 7 and 8
Code: Same as in Field 10 except 0 = no glasses worn
14. Muscle Balance: With Glasses 35
Item 9
Code: Same as in Field 11 except 0 = no glasses worn
15. Color Tests 36-43
Item 10
Eight digit code for:

<u>Test 1</u>	(col. 36)
<u>Test 2</u>	(col. 37)
<u>Test 3</u>	(col. 38)
<u>Test 4</u>	(col. 39)
<u>Test 5</u>	(col. 40)
<u>Test 6</u>	(col. 41)
<u>Test 7</u>	(col. 42)
<u>Test 8</u>	(col. 43)

Code for each column: 1 - Pass
2 - Fail
8 - Not applicable - blind
9 - No report
16. Referral Needed 44
Item 11
Code: 0 - No
1 - Yes
9 - No report

CHURCH L. & COMPANY, INC.

52-1331 WJL

[illegible]

INSTRUCTIONS FOR VISUAL SCREENING AT 7 YEARS (PED-75)

Referral to an ophthalmologist is obligatory on all cases if any one of the following three conditions exists: (1) visual acuity less than 20:50 (with or without glasses); (2) hyperopia test failure; (3) muscle balance test failure. Form PED-74 is then completed by the consultant.

Referral is not necessary if the child has been seen by an ophthalmologist within six months prior to the visual screening examination. In such instances, a PED-74 is completed based on the ophthalmologist's earlier examination.

For complete instructions, Study hospitals may purchase ~~Reference Manual~~, School Vision Tester, published by Titmus Optical Co., Inc., Petersburg, Virginia. Copyright 1958 (rev. 1963). They may also desire to acquire the Supplement to Reference Manual, Pediatric Color Discrimination Test Slide, published by the same company.

April 1970

PED-76 Seven-Year Pediatric-Neurologic Examination

Form PED-76 was used to provide results for a thorough and detailed physical examination of study children between the ages of seven years and seven years, six months, plus or minus three months. Both neurological and non-neurological abnormalities were identified during the exam. Implemented into the study in June 1966, the form was not revised, though results from a pretest form dated October, 1965 are included on the master file. The revision number was used to designate when an examination was completed outside a specified time span. Some items are different on the pretest form. Data from form PED-76 are included on four cards in the master file (Table PED-76.1).

TABLE PED-76.1 Cards and Data Records by Revision for Form PED-76

Card Name	Card Number	Rev. No.	Number Records
PED-76: Blood Pressure, Eyes, Ears, Heart, and Genitalia	1476	0	908
		1	38,416
		3	<u>1,580</u>
			40,904
PED-76: Skin, Skeletal System, Eyes, Nerves	2476	0	780
		1	38,543
		3	<u>1,580</u>
			40,903
PED-76: Nerves, Muscles, Coordination	3476	0	780
		1	38,544
		3	<u>1,582</u>
			40,906
PED-76: Jerk Reflexes, Other Muscles, Other Observations	4476	0	781
		1	38,541
			<u>1,579</u>
			40,901
Total for form			162,614

Data Items Referencing Form 020-76, 7 Year Pediatric Neurolong- Exam

DATA ITEM ID	ITEM 34 FORM	CARD NUM	FORM IN	DATA ITEM NAME
4603.....		1476	1	5 Card number (sequence, form type, form number, revision number)
4604.....		1476	6	14 MIND CASE NUMBER
4605.....	2	1476	15	16 Examiner
4606.PFD-76		1476	17	17 Form 020-76, quality control
4607.PFD-76	1	1476	18	19 Birth date (mm)
4608.PFD-76	1	1476	20	21 Birth date (day)
4609.PFD-76	1	1476	22	23 Birth date (yr)
4610.PFD-76	4	1476	24	25 Form 020-76 date (mo)
4611.PFD-76	4	1476	26	27 Form 020-76 date (day)
4612.PFD-76	4	1476	28	29 Form 020-76 date (yr)
4613.PFD-76	5	1476	30	30 Age (yrs)
4614.PFD-76	5	1476	31	32 Age (mo)
4615.PFD-76	7	1476	33	33 Weight (lbs)
4616.PFD-76	7	1476	34	35 Weight (oz)
4617.PFD-76	8	1476	36	40 Height (cm)
4618.PFD-76	9	1476	38	42 Head circumference (cm)
4619.PFD-76	10	1476	41	45 Heart pressure, systolic
4620.PFD-76	10	1476	43	46 Heart pressure, diastolic
4621.PFD-76	11	1476	44	48 Heart shape and contour
4622.PFD-76	12	1476	49	50 Heart shape and contour
4623.PFD-76	13	1476	50	51 Eyes, structure, external examination
4624.PFD-76	14-15	1476	51	52 Ears, size, shape and position
4625.PFD-76	14-15	1476	52	53 Ears, otoscopic examination
4626.PFD-76	16	1476	53	54 Neck, structure, external examination
4627.PFD-76	17	1476	54	55 Neck, structure, external examination
4628.PFD-76	18	1476	55	56 Neck, structure, external examination
4629.PFD-76	19	1476	56	57 Thyroid
4630.PFD-76	20	1476	58	58 Thoracic wall
4631.PFD-76	21	1476	59	59 Lungs
4632.PFD-76	24	1476	60	60 Heart, murmur
4633.PFD-76	24	1476	61	61 Heart, rhythm
4634.PFD-76	24	1476	62	62 Heart rate, abnormal
4635.PFD-76	24	1476	63	63 Heart rhythm, irregular
4636.PFD-76	24	1476	64	64 Heart, enlargement
4637.PFD-76	24	1476	65	65 Heart, cyanosis
4638.PFD-76	24	1476	66	66 Heart, other
4639.PFD-76	24	1476	67	67 Pulses, bilaterally; radial; femoral
4640.PFD-76	25	1476	68	68 Abdomen, wall, abnormality
4641.PFD-76	26	1476	69	69 Abdomen, spleen, palpable
4642.PFD-76	26	1476	70	70 Abdomen, spleen, palpable below costal margin (cm)
4643.PFD-76	26	1476	71	71 Abdomen, liver, palpable
4644.PFD-76	26	1476	72	72 Abdomen, liver, palpable below costal margin (cm)

Data Items Referencing Form PED-76, 7 Year Vascular Neurologic Exam

DATA ITEM ID	ITEM ON FORM	CAMP NUM	FROM	TO	DATA ITEM NAME
4732.PFU-76	26	1476	73	73	Anderson: kidney, reliable
4733.PFU-76	26	1476	74	74	Anderson, other
4734.PFU-76	27	1476	75	75	Genitalia: cryptorchidism
4735.PFU-76	27	1476	76	76	Genitalia: hypospadias
4736.PFU-76	27	1476	77	77	Genitalia: other
4737.PFU-76	28	1476	78	78	Hydro: notes
4738.PFU-76	28	1476	79	79	Blank
4739.PFU-76	28	1476	80	80	Case number (sequence, form type, form number, revision number)
4740.PFU-76	28	1476	81	81	Case number
4741.PFU-76	28	1476	82	82	Examining
4742.PFU-76	28	1476	83	83	Form PED-76, quality control
4743.PFU-76	28	1476	84	84	Birth date (yr)
4744.PFU-76	28	1476	85	85	Birth date (day)
4745.PFU-76	28	1476	86	86	Birth date (yr)
4746.PFU-76	28	1476	87	87	Form PED-76 date (mo)
4747.PFU-76	28	1476	88	88	Form PED-76 date (day)
4748.PFU-76	28	1476	89	89	Form PED-76 date (yr)
4749.PFU-76	28	1476	90	90	Age (mo)
4750.PFU-76	28	1476	91	91	Age (yr)
4751.PFU-76	28	1476	92	92	Age (mo)
4752.PFU-76	28	1476	93	93	Age (yr)
4753.PFU-76	28	1476	94	94	Age (mo)
4754.PFU-76	28	1476	95	95	Age (yr)
4755.PFU-76	28	1476	96	96	Age (mo)
4756.PFU-76	28	1476	97	97	Age (yr)
4757.PFU-76	28	1476	98	98	Age (mo)
4758.PFU-76	28	1476	99	99	Age (yr)
4759.PFU-76	28	1476	100	100	Age (mo)
4760.PFU-76	28	1476	101	101	Age (yr)
4761.PFU-76	28	1476	102	102	Age (mo)
4762.PFU-76	28	1476	103	103	Age (yr)
4763.PFU-76	28	1476	104	104	Age (mo)
4764.PFU-76	28	1476	105	105	Age (yr)
4765.PFU-76	28	1476	106	106	Age (mo)
4766.PFU-76	28	1476	107	107	Age (yr)
4767.PFU-76	28	1476	108	108	Age (mo)
4768.PFU-76	28	1476	109	109	Age (yr)
4769.PFU-76	28	1476	110	110	Age (mo)
4770.PFU-76	28	1476	111	111	Age (yr)
4771.PFU-76	28	1476	112	112	Age (mo)
4772.PFU-76	28	1476	113	113	Age (yr)
4773.PFU-76	28	1476	114	114	Age (mo)
4774.PFU-76	28	1476	115	115	Age (yr)
4775.PFU-76	28	1476	116	116	Age (mo)
4776.PFU-76	28	1476	117	117	Age (yr)
4777.PFU-76	28	1476	118	118	Age (mo)
4778.PFU-76	28	1476	119	119	Age (yr)
4779.PFU-76	28	1476	120	120	Age (mo)
4780.PFU-76	28	1476	121	121	Age (yr)
4781.PFU-76	28	1476	122	122	Age (mo)
4782.PFU-76	28	1476	123	123	Age (yr)
4783.PFU-76	28	1476	124	124	Age (mo)
4784.PFU-76	28	1476	125	125	Age (yr)
4785.PFU-76	28	1476	126	126	Age (mo)
4786.PFU-76	28	1476	127	127	Age (yr)
4787.PFU-76	28	1476	128	128	Age (mo)
4788.PFU-76	28	1476	129	129	Age (yr)
4789.PFU-76	28	1476	130	130	Age (mo)
4790.PFU-76	28	1476	131	131	Age (yr)
4791.PFU-76	28	1476	132	132	Age (mo)
4792.PFU-76	28	1476	133	133	Age (yr)
4793.PFU-76	28	1476	134	134	Age (mo)
4794.PFU-76	28	1476	135	135	Age (yr)
4795.PFU-76	28	1476	136	136	Age (mo)
4796.PFU-76	28	1476	137	137	Age (yr)
4797.PFU-76	28	1476	138	138	Age (mo)
4798.PFU-76	28	1476	139	139	Age (yr)
4799.PFU-76	28	1476	140	140	Age (mo)
4800.PFU-76	28	1476	141	141	Age (yr)
4801.PFU-76	28	1476	142	142	Age (mo)
4802.PFU-76	28	1476	143	143	Age (yr)
4803.PFU-76	28	1476	144	144	Age (mo)
4804.PFU-76	28	1476	145	145	Age (yr)
4805.PFU-76	28	1476	146	146	Age (mo)
4806.PFU-76	28	1476	147	147	Age (yr)
4807.PFU-76	28	1476	148	148	Age (mo)
4808.PFU-76	28	1476	149	149	Age (yr)
4809.PFU-76	28	1476	150	150	Age (mo)
4810.PFU-76	28	1476	151	151	Age (yr)
4811.PFU-76	28	1476	152	152	Age (mo)
4812.PFU-76	28	1476	153	153	Age (yr)
4813.PFU-76	28	1476	154	154	Age (mo)
4814.PFU-76	28	1476	155	155	Age (yr)
4815.PFU-76	28	1476	156	156	Age (mo)
4816.PFU-76	28	1476	157	157	Age (yr)
4817.PFU-76	28	1476	158	158	Age (mo)
4818.PFU-76	28	1476	159	159	Age (yr)
4819.PFU-76	28	1476	160	160	Age (mo)
4820.PFU-76	28	1476	161	161	Age (yr)
4821.PFU-76	28	1476	162	162	Age (mo)
4822.PFU-76	28	1476	163	163	Age (yr)
4823.PFU-76	28	1476	164	164	Age (mo)
4824.PFU-76	28	1476	165	165	Age (yr)
4825.PFU-76	28	1476	166	166	Age (mo)
4826.PFU-76	28	1476	167	167	Age (yr)
4827.PFU-76	28	1476	168	168	Age (mo)
4828.PFU-76	28	1476	169	169	Age (yr)
4829.PFU-76	28	1476	170	170	Age (mo)
4830.PFU-76	28	1476	171	171	Age (yr)
4831.PFU-76	28	1476	172	172	Age (mo)
4832.PFU-76	28	1476	173	173	Age (yr)
4833.PFU-76	28	1476	174	174	Age (mo)
4834.PFU-76	28	1476	175	175	Age (yr)
4835.PFU-76	28	1476	176	176	Age (mo)
4836.PFU-76	28	1476	177	177	Age (yr)
4837.PFU-76	28	1476	178	178	Age (mo)
4838.PFU-76	28	1476	179	179	Age (yr)
4839.PFU-76	28	1476	180	180	Age (mo)
4840.PFU-76	28	1476	181	181	Age (yr)
4841.PFU-76	28	1476	182	182	Age (mo)
4842.PFU-76	28	1476	183	183	Age (yr)
4843.PFU-76	28	1476	184	184	Age (mo)
4844.PFU-76	28	1476	185	185	Age (yr)
4845.PFU-76	28	1476	186	186	Age (mo)
4846.PFU-76	28	1476	187	187	Age (yr)
4847.PFU-76	28	1476	188	188	Age (mo)
4848.PFU-76	28	1476	189	189	Age (yr)
4849.PFU-76	28	1476	190	190	Age (mo)
4850.PFU-76	28	1476	191	191	Age (yr)
4851.PFU-76	28	1476	192	192	Age (mo)
4852.PFU-76	28	1476	193	193	Age (yr)
4853.PFU-76	28	1476	194	194	Age (mo)
4854.PFU-76	28	1476	195	195	Age (yr)
4855.PFU-76	28	1476	196	196	Age (mo)
4856.PFU-76	28	1476	197	197	Age (yr)
4857.PFU-76	28	1476	198	198	Age (mo)
4858.PFU-76	28	1476	199	199	Age (yr)
4859.PFU-76	28	1476	200	200	Age (mo)
4860.PFU-76	28	1476	201	201	Age (yr)
4861.PFU-76	28	1476	202	202	Age (mo)
4862.PFU-76	28	1476	203	203	Age (yr)
4863.PFU-76	28	1476	204	204	Age (mo)
4864.PFU-76	28	1476	205	205	Age (yr)
4865.PFU-76	28	1476	206	206	Age (mo)
4866.PFU-76	28	1476	207	207	Age (yr)
4867.PFU-76	28	1476	208	208	Age (mo)
4868.PFU-76	28	1476	209	209	Age (yr)
4869.PFU-76	28	1476	210	210	Age (mo)
4870.PFU-76	28	1476	211	211	Age (yr)
4871.PFU-76	28	1476	212	212	Age (mo)
4872.PFU-76	28	1476	213	213	Age (yr)
4873.PFU-76	28	1476	214	214	Age (mo)
4874.PFU-76	28	1476	215	215	Age (yr)
4875.PFU-76	28	1476	216	216	Age (mo)
4876.PFU-76	28	1476	217	217	Age (yr)
4877.PFU-76	28	1476	218	218	Age (mo)
4878.PFU-76	28	1476	219	219	Age (yr)
4879.PFU-76	28	1476	220	220	Age (mo)
4880.PFU-76	28	1476	221	221	Age (yr)
4881.PFU-76	28	1476	222	222	Age (mo)
4882.PFU-76	28	1476	223	223	Age (yr)
4883.PFU-76	28	1476	224	224	Age (mo)
4884.PFU-76	28	1476	225	225	Age (yr)
4885.PFU-76	28	1476	226	226	Age (mo)
4886.PFU-76	28	1476	227	227	Age (yr)
4887.PFU-76	28	1476	228	228	Age (mo)
4888.PFU-76	28	1476	229	229	Age (yr)
4889.PFU-76	28	1476	230	230	Age (mo)
4890.PFU-76	28	1476	231	231	Age (yr)
4891.PFU-76	28	1476	232	232	Age (mo)
4892.PFU-76	28	1476	233	233	Age (yr)
4893.PFU-76	28	1476	234	234	Age (mo)
4894.PFU-76	28	1476	235	235	Age (yr)
4895.PFU-76	28	1476	236	236	Age (mo)
4896.PFU-76	28	1476	237	237	Age (yr)
4897.PFU-76	28	1476	238	238	Age (mo)
4898.PFU-76	28	1476	239	239	Age (yr)
4899.PFU-76	28	1476	240	240	Age (mo)
4900.PFU-76	28	1476	241	241	Age (yr)
4901.PFU-76	28	1476	242	242	Age (mo)
4902.PFU-76	28	1476	243	243	Age (yr)
4903.PFU-76	28	1476	244	244	Age (mo)
4904.PFU-76	28	1476	245	245	Age (yr)
4905.PFU-76	28	1476	246	246	Age (mo)
4906.PFU-76	28	1476	247	247	Age (yr)
4907.PFU-76	28	1476	248	248	Age (mo)
4908.PFU-76	28	1476	249	249	Age (yr)
4909.PFU-76	28	1476	250	250	Age (mo)
4910.PFU-76	28	1476	251	251	Age (yr)
4911.PFU-76	28	1476	252	252	Age (mo)
4912.PFU-76	28	1476	253	253	Age (yr)
4913.PFU-76	28	1476	254	254	Age (mo)
4914.PFU-76	28	1476	255	255	Age (yr)
4915.PFU-76	28	1476	256	256	Age (mo)
4916.PFU-76	28	1476	257	257	Age (yr)
4917.PFU-76	28	1476	258	258	Age (mo)
4918.PFU-76	28	1476	259	259	Age (yr)
4919.PFU-76	28	1476	260	260	Age (mo)
4920.PFU-76	28	1476	261	261	Age (yr)
4921.PFU-76	28	1476	262	262	Age (mo)
4922.PFU-76	28	1476	263	263	Age (yr)
4923.PFU-76	28	1476	264	264	Age (mo)
4924.PFU-76	28	1476	265	265	Age (yr)
4925.PFU-76	28	1476	266	266	Age (mo)
4926.PFU-76	28	1476	267	267	Age (yr)
4927.PFU-76	28	1476	268	268	Age (mo)
4928.PFU-76	28	1476	269	269	Age (yr)
4929.PFU-76	28	1476	270	270	Age (mo)
4930.PFU-76	28	1476	271	271	Age (yr)
4931.PFU-76	28	1476	272	272	Age (mo)
4932.PFU-76	28	1476	273	273	Age (yr)
4933.PFU-76	28	1476	274	274	Age (mo)
4934.PFU-76	28	1476	275	275	Age (yr)
4935.PFU-76	28	1476	276	276	Age (mo)
4936.PFU-					

Data Items Referencing Form PED-76, 7 Year Postauric Neuropathic Data

DATA ITEM TU	ITEM CN FCNM	CPNM NUM	FROM	TO	JAPA ITEM NAME
4775-PFD-76	37	2476	57	57	57 Eyes: Duplex: position: light
4776-PFD-76	38	2476	58	58	58 Eyes: visual fields
4777-PFD-76	39	2476	59	59	59 Eyes: accommodation reaction
4778-PFD-76	40	2476	60	60	60 Eyes: position at rest, w/o glasses, uncovered
4779-PFD-76	41	2476	61	61	61 Eyes: position at rest, w/o glasses, covered
4780-PFD-76	42	2476	62	62	62 Eyes: position at rest, with glasses, uncovered
4781-PFD-76	43	2476	63	63	63 Eyes: position at rest, with glasses, covered
4782-PFD-76	44	2476	64	64	64 Eye right: movement: extra ocular, weakness/paralysis
4783-PFD-76	45	2476	65	65	65 Eye, left: movement: extra ocular, weakness/paralysis
4784-PFD-76	46	2476	66	66	66 Eyes: convergence
4785-PFD-76	47	2476	67	67	67 Eyes: 1420, conjugate in looking
4786-PFD-76	48	2476	68	68	68 Eyes: 1420, conjugate to comment
4787-PFD-76	49	2476	69	69	69 Nystagmus
4788-PFD-76	50	2476	70	70	70 Cranial: nerves: fifth, motor
4789-PFD-76	51	2476	71	71	71 Cranial: nerves: fifth, sensory
4790-PFD-76	52	2476	72	72	72 Cranial: nerves: seventh, motor, lower motor neuron
4791-PFD-76	53	2476	73	73	73 Cranial: nerves: seventh, motor, supranuclear
4792-PFD-76	54	2476	74	74	74 Cranial: nerves: eighth; hearing, low frequency
4793-PFD-76	55	2476	75	75	75 Cranial: nerves: eighth; hearing, high frequency
4794-PFD-76	56	2476	76	76	76 Cranial: nerves: ninth; taste; salivary
4795-PFD-76	57	2476	77	77	77 Cranial: nerves: ninth; taste; salivary
4796-PFD-76	58	2476	78	78	78 Cranial: nerves: tenth; taste; elevation
4797-PFD-76	59	2476	79	79	79 Cranial: nerves: tenth; taste; elevation
4798-PFD-76	60	2476	80	80	80 Examiner
4799-PFD-76	61	2476	81	81	81 Caril number (sequence, form type, form number, revision number)
4800-PFD-76	62	2476	82	82	82 NINA case number
4801-PFD-76	63	2476	83	83	83 Examiner
4802-PFD-76	64	2476	84	84	84 Form PED-76, quality control
4803-PFD-76	65	2476	85	85	85 Birth date (mm)
4804-PFD-76	66	2476	86	86	86 Birth date (day)
4805-PFD-76	67	2476	87	87	87 Birth date (yr)
4806-PFD-76	68	2476	88	88	88 Form PED-76 data (ao)
4807-PFD-76	69	2476	89	89	89 Form PED-76 data (day)
4808-PFD-76	70	2476	90	90	90 Form PED-76 data (yr)
4809-PFD-76	71	2476	91	91	91 Age (yrs)
4810-PFD-76	72	2476	92	92	92 Age (mo)
4811-PFD-76	73	2476	93	93	93 Cranial: nerves: twelfth; tongue weakness/paralysis
4812-PFD-76	74	2476	94	94	94 Cranial: nerves: twelfth; tongue deviation/protrusion
4813-PFD-76	75	2476	95	95	95 Cranial: nerves: twelfth; tongue atrophy
4814-PFD-76	76	2476	96	96	96 Cranial: nerves: twelfth; tongue fasciculation
4815-PFD-76	77	2476	97	97	97 Cranial: nerves: twelfth; tongue, other
4816-PFD-76	78	2476	98	98	98 Muscles: atrophy
4817-PFD-76	79	2476	99	99	99 Muscles: hypertrophy

Data Items Referencing Form F-60-70, 7 year Pediatric Neuropsychiatric Exam

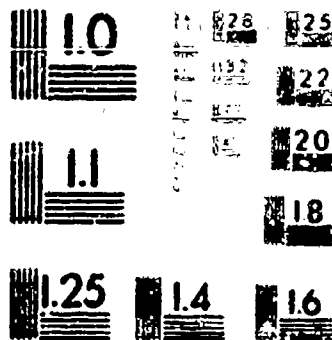
DATA ITEM ID	ITEM	CASE NUMBER	FORM NUMBER	DATA ITEM NAME
4814.PFD-76	61	3476	40	40 muscle; hypoaesthesia
4814.PFD-76	62	3476	41	41 muscle; anislasia
4820.PFD-76	63	3476	42	42 muscle; other
4821.PFD-76	64	3476	43	43 muscle; other
4822.PFD-76	65	3476	44	44 muscle; tone; extremity, upper right
4823.PFD-76	66	3476	45	45 muscle; tone; extremity, upper left
4824.PFD-76	67	3476	46	46 muscle; tone; extremity, lower right
4825.PFD-76	68	3476	47	47 muscle; tone; extremity, lower left
4826.PFD-76	69	3476	48	48 muscle; tone; neck flexion, right
4827.PFD-76	70	3476	49	49 muscle; tone; neck flexion, left
4828.PFD-76	71	3476	50	50 muscle; tone; neck extensors, right
4829.PFD-76	72	3476	51	51 muscle; tone; neck extensors, left
4830.PFD-76	73	3476	52	52 muscle; tone; trunk, right
4831.PFD-76	74	3476	53	53 muscle; tone; trunk, left
4832.PFD-76	75	3476	54	54 movements; abnormally fasciculations
4833.PFD-76	76	3476	55	55 movements; abnormally myoclonus
4834.PFD-76	77	3476	56	56 movements; abnormally tremor, spontaneous
4835.PFD-76	78	3476	57	57 movements; abnormally tremor, intention
4836.PFD-76	79	3476	58	58 movements; abnormally ataxia
4837.PFD-76	80	3476	59	59 movements; abnormally chorea
4838.PFD-76	81	3476	60	60 movements; abnormally ataxia
4839.PFD-76	82	3476	61	61 movements; abnormally ballismus
4840.PFD-76	83	3476	62	62 movements; abnormally tic
4841.PFD-76	84	3476	63	63 movements; abnormally mirror movements
4842.PFD-76	85	3476	64	64 movements; abnormally other
4843.PFD-76	86	3476	65	65 motor; coordination; dyspraxia
4844.PFD-76	87	3476	66	66 motor; coordination; ataxia
4845.PFD-76	88	3476	67	67 motor; coordination; dyspraxia
4846.PFD-76	89	3476	68	68 motor; coordination; ataxia
4847.PFD-76	90	3476	69	69 motor; coordination; other
4848.PFD-76	91	3476	70	70 hand preference, observed
4849.PFD-76	92	3476	71	71 hand preference, reported
4850.PFD-76	93	3476	72	72 eye preference
4851.PFD-76	94	3476	73	73 right/left identification, showing right hand
4852.PFD-76	95	3476	74	74 right/left identification, showing left eye
4853.PFD-76	96	3476	75	75 right/left identification, putting right hand on left eye
4854.PFD-76	97	3476	76	76 right/left identification, putting left hand on right ear
4855.PFD-76	98	3476	77	77 foot preference
4856.PFD-76	99	3476	78	78 Station; Romberg position
4857.PFD-76	100	3476	79	79 Gait
4858.PFD-76	101	3476	80	80 Blank
4859.PFD-76	102	4876	1	1 Card number (sequence, form type, form number, revision number)
4860.PFD-76	103	4876	6	6 14 NINJA CASE NUMBER

DATA ITEMS REFERRING FORM PED-76, 7 YEAR PEDIATRIC NEUROLOGIC FORM

DATA ITEM	TYPE 34 6100	CAMP NUM	FROM 17	DATA ITEM NAME
4861.PFD-76	2	4876	16	16 Trigeminal
4862.PFD-76		4876	17	17 Fore PFD-76, quality control
4863.PFD-76	1	4876	18	18 Birth date (mo)
4864.PFD-76	1	4876	19	19 Birth date (day)
4865.PFD-76	1	4876	20	20 Birth date (yr)
4866.PFD-76	4	4876	21	21 Birth date (mo)
4867.PFD-76	4	4876	22	22 Birth date (day)
4868.PFD-76	4	4876	23	23 Birth date (yr)
4869.PFD-76	4	4876	24	24 Fore PFD-76 test (mo)
4870.PFD-76	4	4876	25	25 Fore PFD-76 test (day)
4871.PFD-76	4	4876	26	26 Fore PFD-76 test (yr)
4872.PFD-76	4	4876	27	27 Fore PFD-76 test (mo)
4873.PFD-76	4	4876	28	28 Fore PFD-76 test (day)
4874.PFD-76	4	4876	29	29 Fore PFD-76 test (yr)
4875.PFD-76	4	4876	30	30 Age (yrs)
4876.PFD-76	4	4876	31	31 Age (mos)
4877.PFD-76	4	4876	32	32 Reflex: biceps jerk, right
4878.PFD-76	4	4876	33	33 Reflex: biceps jerk, left
4879.PFD-76	4	4876	34	34 Reflex: triceps jerk, right
4880.PFD-76	4	4876	35	35 Reflex: triceps jerk, left
4881.PFD-76	4	4876	36	36 Reflex: knee jerk, right
4882.PFD-76	4	4876	37	37 Reflex: knee jerk, left
4883.PFD-76	4	4876	38	38 Reflex: ankle jerk, right
4884.PFD-76	4	4876	39	39 Reflex: ankle jerk, left
4885.PFD-76	4	4876	40	40 Reflex: ankle jerk, right
4886.PFD-76	4	4876	41	41 Reflex: ankle jerk, left
4887.PFD-76	4	4876	42	42 Clonus: ankle sustained
4888.PFD-76	4	4876	43	43 Reflex: abdominal superficial
4889.PFD-76	4	4876	44	44 Reflex: cremasteric
4890.PFD-76	4	4876	45	45 Plantar flexion response, right
4891.PFD-76	4	4876	46	46 Plantar flexion response, left
4892.PFD-76	4	4876	47	47 Sensation: touch
4893.PFD-76	4	4876	48	48 Sensation: pain
4894.PFD-76	4	4876	49	49 Sensation: position, passive movement of great toe
4895.PFD-76	4	4876	50	50 Finger, location of in space
4896.PFD-76	4	4876	51	51 Stereognosis, fine
4897.PFD-76	4	4876	52	52 Stereognosis, gross
4898.PFD-76	4	4876	53	53 Autonomic functions: vasomotor
4899.PFD-76	4	4876	54	54 Autonomic functions: sweating
4900.PFD-76	4	4876	55	55 Autonomic functions: sphincters
4901.PFD-76	4	4876	56	56 Speech
4902.PFD-76	4	4876	57	57 Mental status
4903.PFD-76	4	4876	58	58 Intellectual status
4904.PFD-76	4	4876	59	59 Neurological, other: signs; reflexes; tests
4905.PFD-76	4	4876	60	60 Neurological, abnormality
4906.PFD-76	4	4876	61	61 Visual screening abnormality
4907.PFD-76	4	4876	62	62 Non-neurological abnormalities
4908.PFD-76	4	4876	63	63 Examination conditions unsatisfactory
4909.PFD-76	4	4876	64	64 Referral for further evaluation
4910.PFD-76	4	4876	65	65 Fore CP-5 attached
4911.PFD-76	4	4876	66	66 Blank

Data Items Referencing Form PED-76, 7 Year Pediatric Neurologic Exam

DATA ITEM ID	ITEM CN PCN	CARD NUM	FROM	TO	DATA ITEM NAME
5950....VAR	5				1153 1155 Age (yrs/month)
5968....VAR	9				1171 1172 Head circumference, 7 yrs (cms)
5975....VAR	7				1194 1196 Weight, 7 yr (kgs)
5984....VAR	8				1214 1216 Length, body, 7 yr (cms)
5985....VAR	8				1217 1217 Length, body (cm)
6259....W-6	15				17 Cerebral nls; parast. hemi. left (1 yr, interia, 7 yr)
6260....W-6	18				20 Cerebral nls; parast. hemi. right (1 yr, interia, 7 yr)
6261....W-6	21				23 Cerebral nls; parast. cono. arm, left (1 yr, interia, 7 yr)
6262....W-6	24				26 Cerebral nls; parast. cono. arm, right (1 yr, interia, 7 yr)
6263....W-6	27				29 Cerebral nls; parast. cono. leg, left (1 yr, interia, 7 yr)
6264....W-6	30				32 Cerebral nls; parast. cono. leg, right (1 yr, interia, 7 yr)
6265....W-6	33				35 Cerebral nls; parast. parast. (1 yr, interia, 7 yr)
6266....W-6	36				38 Cerebral nls; parast. parast. (1 yr, interia, 7 yr)
6267....W-6	39				41 Cerebral nls; parast. parast. (1 yr, interia, 7 yr)
6268....W-6	42				44 Cerebral nls; parast. parast. (1 yr, interia, 7 yr)
6269....W-6	45				47 Cerebral nls; parast. parast. (1 yr, interia, 7 yr)
6270....W-6	48				50 Cerebral nls; parast. parast. (1 yr, interia, 7 yr)
6271....W-6	51				53 Facial nls; parast. parast. (1 yr, interia, 7 yr)
6272....W-6	54				56 Facial nls; parast. parast. (1 yr, interia, 7 yr)
6273....W-6	57				59 Cerebral nls; parast. parast. (1 yr, interia, 7 yr)
6274....W-6	60				62 Cerebral nls; parast. parast. (1 yr, interia, 7 yr)
6275....W-6	63				65 Cerebral nls; parast. parast. (1 yr, interia, 7 yr)
6278....W-6	64				68 Cerebral nls; parast. parast. (1 yr, interia, 7 yr)
6279....W-6	69				71 Cerebral nls; parast. parast. (1 yr, interia, 7 yr)
6281....W-6	71				73 Cerebral nls; parast. parast. (1 yr, interia, 7 yr)
6285....W-6	74				75 Neurological examination completed, 7 yr
6286....W-7	21				21 76-76 form present



MICROCOPY RESOLUTION TEST CHART

NATIONAL BUREAU OF STANDARDS
STANDARD REFERENCE MATERIAL NO. 1010
MAY 1963 EDITION OF TEST CHART NO. 1

CONTINUED ON NEXT FICHE