



**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 II: Psychological Exams,
Eight Months**

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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 H: Psychological Exams, Eight Months and includes Forms PS-1, PS-2, PS-3, PS-4 and PS-5.

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 11, OB-42 follows OB-9 and CB-10 appears next to OB-44 and CB-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 11. 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 Deriving from 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 60 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 62 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 08-9, for example, was replaced by form 08-40 (an optional form retained by the institution), 01-42, and 05-43 in April 1962. Data for earlier patients were recorded on 08-9 and entered on cards 1309, 2309, 3309 and 4309 of the master file; after April 1962, data was recorded on 08-42 and 08-43 and were entered on cards 0342, 1040 and 2343 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 on the same card series. An example of this type of revision is form 08-35, replaced by 08-57 in April 1962. Records for both 08-35 and 08-57 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 01 data in the master file were abstracted by NICHD staff members from forms filled out at the hospital. Cards derived from this procedure were designated as coming from forms 00H-49, 50 and 51 (which were actually ABSTRACT SHEETS). Autopsy protocol and laboratory events 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, 2, 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 FID-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 PED series of forms underwent little revision. Records for newborn babies appeared in PED-1 through PED-8; records for children up to age one and interval records were placed on PED-10 through PED-29. Seven year records were included in the series numbered PED-74 and up. Only one pediatrics form was radically revised: PED-7 was replaced by PED-8 in March 1963.

No replacements occur in the PS series, where results of psychological and speech, language and hearing tests were recorded. The PS forms are divided into distinct groups based on time of testing and subject of testing. Psychological testing occurred at 8 months, 4 years and 7 years; speech, language and hearing exams were administered at ages 3 and 8. Only the 8 month psychological examination underwent substantial revisions.

Master File Card Number and NIMH Case Number Rationale

Computer cards for each MCPP 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, MCPP 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 NIMH 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 OB-3, or for cards where repetitive data are contained. Cards for OB-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 OB-5. OB-57, PATH-2 and PED-14 are exceptions to these rules.

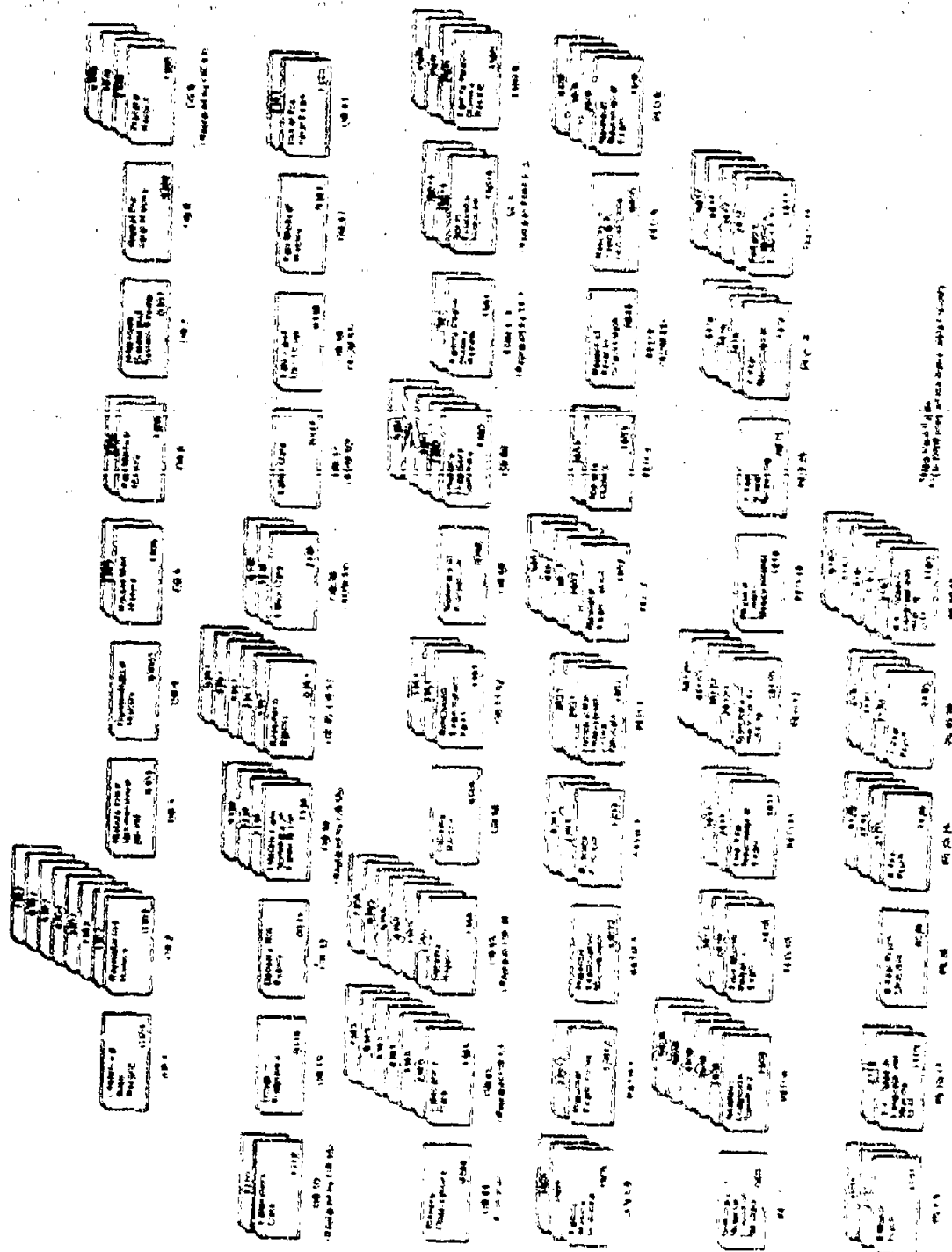


TABLE 1. Derivation of Master File Card Number and NICDS Case Number.

<u>Contents</u>	<u>Columns</u>
Master File Card Number	
card identifier	1
general subject matter	2
form number	3-4
revision code	5
NICDS Case Number	
collaborating institution	6-7
type of patient selection	8
gravidity identification number	9-12
order of the pregnancy	13
identifies child or gravida	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 "4"; and psychological testing with a "1".

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 NICDS staff (AMH 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 (NICDS 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 "6" indicated that a patient had been transferred from one institution to another, and a "7" 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 2. Collaborating Institutions and Their Code Number
(Columns 11 and 12 of all master data cards)

01 - <u>Boston, Massachusetts</u> Massachusetts General Hospital Boston Children's Hospital Children's Hospital Medical Center	02 - <u>Buffalo, New York</u> University of Buffalo Children's Hospital
03 - <u>New Orleans, Louisiana</u> Orleans Hospital Julien Institute School of Medicine Medical Center Louisiana State University	04 - <u>Philadelphia, Pennsylvania</u> University of Pennsylvania Pennsylvania Hospital The Children's Hospital of Philadelphia
05 - <u>New York, New York</u> Columbia University College of Physicians & Surgeons Columbia-Presbyterian Medical Center	06 - <u>Providence, Rhode Island</u> Brown University CHD Study Center
07 - <u>Baltimore, Maryland</u> The Johns Hopkins University School of Medicine The Johns Hopkins Hospital	08 - <u>Memphis, Tennessee</u> University of Tennessee College of Medicine Gunter Hospital
09 - <u>Richmond, Virginia</u> Virginia Commonwealth University Medical College of Virginia	

Data Item Identification and Naming

The ICPP data base contains over 8700 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 NIMH 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 (VAF) or work (WAF) 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..CG-34	an item from CG-34; on the master file
3650.PATH-3	an item from PATH-3; on the master file
5223....VAF	an item in the variable file
6340...W-10	an item on work file 10. Capture of Membranes

We assigned the numbers sequentially as they appear in Volume I. For the master file, we followed the order in which the cards would be found within an NIMH 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 time of measurement and/or the time to which the item applies and by general type or subject area (Table 3). 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 important or key word when all names were listed alphabetically, as in Volumes II and III. Thus "cry, abnormal" was used rather than "abnormal cry" because a

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

- Secondary key words were preceded with a semicolon to facilitate preparation of the permuted index. For example, "abruption; placenta" will be found under both the "A" and "P" portions of Volume VI.
- Qualifying words are delimited by commas and will not appear as keywords in Volume VI. Thus "abruption; placenta, degree" will not be found in the "P" section.
- If medical terminology or usage has changed since the study was conducted, modern terms may be included and will be enclosed in brackets. Thus "monolism; [Down's syndrome]" will appear under both the "M" and "D" portions of Volume VI.
- 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 naming 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 NIMB 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., 650.00-34, the data item should be traced to the appropriate study form, e.g., QP-34, located in Volume II. A variable file data item, e.g., 6223....WKA, 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 "NO NOT LIF." 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 I, VI and VII).

Tables of Data Items: Column Readings

For each form, two sets of computer generated pages list all data items in either the master, variable or work files derived from this form. These lists enable a user to track form items to computerized data items listed in other volumes of the user's Guide and vice versa. The computer listings have the following information.

<u>Column Reading</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 NIPP study form to identify the question or group of questions which was used to generate this data item.
CARD NUM	Identifies the master file card on which this data item is located. See Master file card number and NINDS 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 ITEM NAME	Verse stylized name for this data item. See Data Item Identification and Naming above for details.

ASSOCIATED DOCUMENTS

By examining the tables provided for each, investigators will be able to determine which computer files contain data of interest. For data contained in the variable file, see Volume III of this guide; for data contained in work files, see Volume IV.

TITLE 3. Abbreviations for Person, Time and Subject Categories

<u>Person</u>	<u>Time</u>	<u>Subject</u>
Mother	General	Administrative
Father	Genetics	Anesthesia
Child	Infant	Chem. Analysis
Adult	Infant	Chemical Lab
Child	Infant	Current Pregnancy
Adult	Infant	Delivery, Obstetric
Family	Infant	Events
Child	Infant	Hearing
	Infant	Hospitalizations
	Infant	Language
	Infant	Linkage
	Infant	Malformations
	Infant	Org. & Impl.
	Infant	Prod. History
	Infant	Reactions
	Infant	Neurological Exam
	Infant	Observations
	Infant	Psychology
	Infant	Physical Exam
	Infant	Procedures
	Infant	Psych. Exam
	Infant	Reproductive Hist.
	Infant	Serology
	Infant	Sociocult. Hist.
	Infant	Speech
	Infant	Vision
	Infant	Acid History
	Infant	X-ray
	Infant	Summary
	Infant	Gyn. History
	Infant	Special Studies
	Infant	Fac. Genetic Hist.
	Infant	Ill. 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.)**

<u>SUBJECT</u>	<u>DEFINITION</u>
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.
Linkage	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.

CONTENTS

PS-1-5	Eight Month Psychological Exams	II.H.1
PS-1, PS-2	CCLR Research Form of Bayley Scales of Mental Development	
PS-3	Infant Behavior Profile	
PS-4	Additional Observations	
PS-5	Maternal Behavior in Testing Situation	

PS-1 Through PS-5

- PS-1 and PS-2 COLR Research Form of Bayley Scales of Mental Development
- PS-3 Infant Behavior Profile
- PS-4 Additional Observations
- PS-5 Maternal Behavior in Testing Situation

The purpose of the Eight-Month Psychological Examination was to assess infant psychomotor development. The infant's responses to the COLR research version of the Bayley Scales of Mental and Motor Development were recorded on PS-1 and PS-2, respectively. The qualitative aspect of the performance consisting of examiner ratings of behavior observed during testing was recorded on form PS-3, Infant Behavior Profile. Supplementary information on physical development, hearing acuity and behavior abnormalities was recorded on PS-4, Additional Observations. Examiner ratings of maternal interaction with the infant were recorded on form PS-5. All five forms were implemented in February 1960; they were revised in July 1960 and again in January 1961. Revision resulted in some rearrangement of items on the Mental and Motor Scales (PS-1 and PS-2) and the addition of items on the Infant Behavior Profile (PS-3), Additional Observations (PS-4) and Maternal Behavior in Testing Situations (PS-5). Data from forms PS-1 thru PS-5 were punched on cards 1101, 2101 and 3101 in the master file (Table PS-1.1).

TABLE PS-1.1 Cards and Data Records by Revision
for Forms PS-1 through PS-5

CARD NAME	CARD NUMBER	REV. NO.	NUMBER RECORDS
PS-1: Bayley Scales	1101	1	2,489
		2	1,809
		3	40,021
			----- 44,319
PS-1: Bayley Scales, Infant Behavior Profile, Other Observations	2101	1	2,488
		2	1,808
		3	40,009
			----- 44,305

PS-1: Bayley Scales, Maternal Behavior	3101	
	1	2,489
	2	1,809
	3	40,013
		44,311
total for form		132,935

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
2751.....	1101	1	5	Card number (sequence, form type, form number, revision number)	14	14th case number	15	Age	16	Sex	17	Race	18	Bayley scales: mental development; motor development; behavior quotient; diagnosis, final	19	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				
2752.....	1101	6	14	14th case number	15	Age	16	Sex	17	Race	18	Bayley scales: mental development; motor development; behavior quotient; diagnosis, final	19	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						
2753.....	1101	15	15	Age	16	Sex	17	Race	18	Bayley scales: mental development; motor development; behavior quotient; diagnosis, final	19	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								
2754.....	1101	16	16	Sex	17	Race	18	Bayley scales: mental development; motor development; behavior quotient; diagnosis, final	19	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										
2755.....	1101	17	17	Race	18	Bayley scales: mental development; motor development; behavior quotient; diagnosis, final	19	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												
2756.....	1101	18	18	Bayley scales: mental development; motor development; behavior quotient; diagnosis, final	19	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														
2757.....	1101	19	19	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																
2758.....	1101	20	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																
2759.....	1101	21	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																	
2760.....	1101	22	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																												

DATA ITEMS REFERRING FOR PS-1, CHILD RESEARCH FORM OF HAYLEY SCALES OF MENTAL DEVELOPMENT

DATA ITEM	ITEM TYPE	CASE NUMBER	FORM	DATA ITEM NAME
2701...PS-1	54	1101	57	57 HAYLEY SCALES: mental development, retains 2 cubes
2702...PS-1	54	1101	58	58 HAYLEY SCALES: mental development, describes names strangers
2703...PS-1	57	1101	59	59 HAYLEY SCALES: mental development, vocalizes attitudes
2704...PS-1	58	1101	60	60 HAYLEY SCALES: mental development, recovers marble in crib or playpen
2705...PS-1	59	1101	61	61 HAYLEY SCALES: mental development, reaches persistently
2706...PS-1	60	1101	62	62 HAYLEY SCALES: mental development, turns head after dropped object
2707...PS-1	61	1101	63	63 HAYLEY SCALES: mental development, lifts cup
2708...PS-1	62	1101	64	64 HAYLEY SCALES: mental development, reaches for 2nd cube
2709...PS-1	63	1101	65	65 HAYLEY SCALES: mental development, enjoys frolic play
2800...PS-1	64	1101	66	66 HAYLEY SCALES: mental development, transfers object hand to hand
2801...PS-1	65	1101	67	67 HAYLEY SCALES: mental development, sustains inspection of ring
2802...PS-1	66	1101	68	68 HAYLEY SCALES: mental development, plays with string
2803...PS-1	67	1101	69	69 HAYLEY SCALES: mental development, picks up cube directly and easily
2804...PS-1		1101	70	70 Blank
2805...PS-1		2101	71	71 CAR4 number (sequence, form type, form number, revision number)
2806...PS-1		2101	72	72 CAR4 number (sequence, form type, form number, revision number)
2807...PS-1	4	2101	73	73 CAR4 number (sequence, form type, form number, revision number)
2808...PS-1	5	2101	74	74 CAR4 number (sequence, form type, form number, revision number)
2809...PS-1	6	2101	75	75 CAR4 number (sequence, form type, form number, revision number)
2810...PS-1		2101	76	76 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2811...PS-1		2101	77	77 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2812...PS-1		2101	78	78 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2813...PS-1	60	2101	79	79 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2814...PS-1	60	2101	80	80 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2815...PS-1	70	2101	81	81 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2816...PS-1	71	2101	82	82 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2817...PS-1	72	2101	83	83 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2818...PS-1	73	2101	84	84 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2819...PS-1	74	2101	85	85 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2820...PS-1	75	2101	86	86 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2821...PS-1	76	2101	87	87 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2822...PS-1	77	2101	88	88 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2823...PS-1	78	2101	89	89 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2824...PS-1	79	2101	90	90 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2825...PS-1	80	2101	91	91 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2826...PS-1	81	2101	92	92 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2827...PS-1	82	2101	93	93 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2828...PS-1	83	2101	94	94 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2829...PS-1	84	2101	95	95 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final
2830...PS-1	85	2101	96	96 HAYLEY SCALES: mental development, motor development, behavior profiles, diagnosis, final

DATA ITEMS REFERENCING FORM NO-1, CBCL RESEARCH FORM OF HAYLEY SCALES OF MENTAL DEVELOPMENT

DATA ITEM ID	ITEM 34 KID	CARD NUM	FROM	TO	DATA ITEM NAME
2831...PS-1	86	2101	42	42	HAYLEY SCALES: mental development, puts cup in cup
2832...PS-1	87	2101	43	43	HAYLEY SCALES: mental development, looks for contents of box
2857.....		3101	1	5	CARD NUMBER (sequence, form type, form number, revision number)
2858.....		3101	6	14	MINI CASE NUMBER
2859...PS-1	4	3101	15	15	AGE
2860...PS-1	5	3101	16	16	SEX
2861...PS-1	6	3101	17	17	RACE
2862...PS-1		3101	18	18	HAYLEY SCALES: mental development; motor development; behavior
2863...PS-1		3101	19	21	PROFILER DIAGNOSIS, final
2864...PS-1		3101	22	23	HAYLEY SCALES: mental development; score, total
5351...VAR			504	504	HAYLEY SCALES: motor development; score, final
5352...VAR			505	507	developmental exam present (8 month)
5353...VAR			508	508	HAYLEY SCALES: mental development, score
5354...VAR			509	510	HAYLEY SCALES: mental development, grouped code
5355...VAR			511	511	HAYLEY SCALES: motor development, score
5356...VAR			512	512	HAYLEY SCALES: motor development, grouped code
5357...VAR	4		513	513	developmental exam final diagnosis (8 month)
			514	514	developmental exam (8 month), end of child (age)

Data Items Referencing Form PS-2, CUBR Research Form of Navel Series of Mental Development

DATA ITEM TO	ITEM JV	CARD NUM	FROM	TO	DATA ITEM NAME
2865...PS-2	11	3101	24	24	navlev scales: motor level: turns side to back
2866...PS-2	12	3101	25	25	navlev scales: motor level: prone elevates self by arms
2867...PS-2	13	3101	26	26	navlev scales: motor level: sits with support
2868...PS-2	14	3101	27	27	navlev scales: motor level: pulls head steady
2869...PS-2	15	3101	28	28	navlev scales: motor level: hands predominantly open
2870...PS-2	16	3101	29	29	navlev scales: motor level: sits with support
2871...PS-2	17	3101	30	30	navlev scales: motor level: retains cube briefly
2872...PS-2	18	3101	31	31	navlev scales: motor level: turns from back to side
2873...PS-2	19	3101	32	32	navlev scales: motor level: head raised
2874...PS-2	20	3101	33	33	navlev scales: motor level: effort to sit
2875...PS-2	21	3101	34	34	navlev scales: motor level: partial head opposition
2876...PS-2	22	3101	35	35	navlev scales: motor level: pulls to sitting
2877...PS-2	23	3101	36	36	navlev scales: motor level: sits alone momentarily
2878...PS-2	24	3101	37	37	navlev scales: motor level: unilateral reaching
2879...PS-2	25	3101	38	38	navlev scales: motor level: sits alone 10 seconds or more
2880...PS-2	26	3101	39	39	navlev scales: motor level: sits alone steadily
2881...PS-2	27	3101	40	40	navlev scales: motor level: pulls from back to stomach
2882...PS-2	28	3101	41	41	navlev scales: motor level: secures object rate
2883...PS-2	29	3101	42	42	navlev scales: motor level: sits alone
2884...PS-2	30	3101	43	43	navlev scales: motor level: picks up cube
2885...PS-2	31	3101	44	44	navlev scales: motor level: nonmarking progression
2886...PS-2	32	3101	45	45	navlev scales: motor level: early standing
2887...PS-2	33	3101	46	46	navlev scales: motor level: secures object: dinner
2888...PS-2	34	3101	47	47	navlev scales: motor level: pulls to standing
2889...PS-2	35	3101	48	48	navlev scales: motor level: raises self to sitting
2890...PS-2	36	3101	49	49	navlev scales: motor level: sits self to stand
2891...PS-2	37	3101	50	50	navlev scales: motor level: brings 2 objects together
2892...PS-2	38	3101	51	51	navlev scales: motor level: secures object: near dinner
2893...PS-2	39	3101	52	52	navlev scales: motor level: standing movement
2894...PS-2	40	3101	53	53	navlev scales: motor level: walks with help
2895...PS-2	41	3101	54	54	navlev scales: motor level: sits alone

DATA ITEMS DESCRIBING ITEM PS-3, INFANT BEHAVIOR PROFILE

DATA ITEM ID	ITEM 30 FROM	CANON NUMBER	FROM TO	DATA ITEM NAME
2833...PS-1	4	2101	44	44 behavior profile, onset of response
2834...PS-1	5	2101	45	45 behavior profile, intensity of response
2835...PS-1	6	2101	46	46 behavior profile, duration of response
2836...PS-1	7	2101	47	47 behavior profile, persistence in pursuit
2837...PS-1	8	2101	48	48 behavior profile, intensity of social response
2838...PS-1	9	2101	49	49 behavior profile, nature of response to examiner
2839...PS-1	10	2101	50	50 behavior profile, nature of response to mother
2840...PS-1	11	2101	51	51 behavior profile, play level
2841...PS-1	12	2101	52	52 behavior profile, development, physical
2842...PS-1	13	2101	53	53 behavior profile, development, mental
2843...PS-1	14	2101	54	54 behavior profile, development, fine motor
2844...PS-1	15	2101	55	55 behavior profile, development, gross motor
2845...PS-1	16	2101	56	56 behavior profile, development, social/emotional
2846...PS-1	17	2101	57	57 behavior profile, adequacy of exam
6018...VAR	21		1250 1254	1250 psychological exam; adequacy of exam

Data Items Referenced For PS-4, Additional Interpretation

DATA ITEM TO	ITEM IN FROM	CARD NUM	FROM TO	DATA ITEM NAME
2447...PS-4	4	2101	54	FACE? OBSERVATION BY EXAMINER
2448...PS-4	5	2101	55	HAIR? OBSERVATION BY EXAMINER
2449...PS-4	7-12	2101	60	HAIR? OBSERVATION BY EXAMINER
2450...PS-4	13	2101	61	EYES? OBSERVATION BY EXAMINER
2451...PS-4	14	2101	62	EYES? OBSERVATION BY EXAMINER
2452...PS-4	15	2101	63	EYES? OBSERVATION BY EXAMINER
2453...PS-4	16	2101	64	EYES? OBSERVATION BY EXAMINER
2454...PS-4	17	2101	65	HAIR? OBSERVATION BY EXAMINER
2455...PS-4	22	2101	66	HAIR? OBSERVATION BY EXAMINER
2456.....		2101	67	HAIR? OBSERVATION BY EXAMINER

DATA FROM MONITORING DATA PLS-5, MATERIAL MONITORING IN FERTILIZER PRODUCTION

DATA ITEM ID	TYPE ID	CANON NUM	FROM ID	DATA ITEM NAME
2404...P5-5	4	3101	55	55 MONITOR, MATERIAL, EXPRESSION OF AFFECTION
2407...P5-5	4	3101	56	56 MONITOR, MATERIAL, EVALUATION OF CHILL
2408...P5-5	6	3101	57	57 MONITOR, MATERIAL, HANDLING OF CHILL
2409...P5-5	7	3101	58	58 MONITOR, MATERIAL, HANDLING OF CHILL
2400...P5-5	8	3101	59	59 MONITOR, MATERIAL, HANDLING OF CHILL
2401...P5-5	9	3101	60	60 MONITOR, MATERIAL, HANDLING OF CHILL'S NEEDS
2402...P5-5	10	3101	61	61 MONITOR, MATERIAL, HANDLING OF CHILL'S BEST PERFORMANCE
2403...P5-5	11	3101	62	62 MONITOR, MATERIAL, OTHER FORMS OF AFFECTION
2404...P5-5	12	3101	63	63 MONITOR, MATERIAL, CHILL'S PERFORMANCE
2405...P5-5		3101	64	64 MONITOR, MATERIAL, CHILL'S PERFORMANCE

Data items uninterpreting form PS-5, missing form title

DATA ITEM ID	ITEM ID	CARD NO	FROM IN	DATA ITEM NAME
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2006...05-6

2007.....

1101	65	65	65	HAYLEY SCALING: INITIAL AND MAJOR DEVELOPMENT, TESTED ABOVE 10 MONTH
1101	65	65	65	level
				80 BLANK

101P-1-11
REV. 1-61
1

1 PATIENT IDENTIFICATION

**COIR RESEARCH FORM OF
BAYLEY SCALES OF MENTAL DEVELOPMENT**

2 NAME OF CHILD			
3 DATE OF BIRTH MO DAY YEAR	4 AGE	5 SEX 1 MALE 2 FEMALE	
6 RACE	7 EXAMINED BY	8 DATE OF EXAM MO DAY YEAR	

SCORING SYMBOLS: PASS (P), FAIL (F), REPORT (Rpt.)

9 ITEMS ACCORDING TO AGE PLACEMENT

10 COMMENTS

3-9 MONTHS: ITEMS 1-12

1 REGARDS PERSON MOMENTARILY

P ☐ 1 F ☐ 2

2 RESPONDS TO SOUND OF BELL

P ☐ 1 F ☐ 2

3 REGARDS RING MOMENTARILY

P ☐ 1 F ☐ 2

4 QUIETS WHEN PICKED UP

P ☐ 1 F ☐ 2

5 RESPONDS TO SOUND OF RATTLE

P ☐ 1 F ☐ 2

6 PROLONGED REGARD OF RING

P ☐ 1 F ☐ 2

7 HORIZONTAL EYE COORD. RING

P ☐ 1 F ☐ 2

8 RESPONDS TO SOUND LT. SWITCH

P ☐ 1 F ☐ 2

9 HORIZONTAL EYE COORD. LIGHT

P ☐ 1 F ☐ 2

10 FOLLOWS MOVING PERSON

P ☐ 1 F ☐ 2

11 RESPONDS TO VOICE

P ☐ 1 F ☐ 2

12 VERTICAL EYE COORD. LIGHT

P ☐ 1 F ☐ 2

1-19 MONTHS: ITEMS 13-23

13 VERTICAL EYE COORD. RING

P ☐ 1 F ☐ 2

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REV 1-61

PATIENT IDENTIFICATION

COLE RESEARCH FORM OF
BAYLEY SCALES OF MENTAL DEVELOPMENT

12 EXAMINED BY

13 DATE OF EXAM

MO DAY YEAR

9. ITEMS ACCORDING TO AGE PLACEMENT (CONT)

14 VOCALIZES ONCE OR TWICE

P ☐ F ☐

15 CIRCULAR EYE COORD LIGHT

P ☐ F ☐

16 CIRCULAR EYE COORD HAND

P ☐ F ☐

17 FREE INSPECTION OF SURROUNDINGS

P ☐ F ☐

18 SOCIAL SMILE & TALKS AND SMILES

P ☐ F ☐

19 TURNS EYES TO RED RING

P ☐ F ☐

20 ANTICIPATORY FACIEMMENT

P ☐ F ☐

21 TURNS EYES TO LIGHT

P ☐ F ☐

22 VOCALIZES 3-6 TIMES

P ☐ F ☐

23 BLINKS AT SHADOW OF HAND

P ☐ F ☐

2-29 MONTHS: ITEMS 24-29

24 SOCIAL SMILE & SMILES OTHER

P ☐ F ☐

25 VISUALLY RECOGNIZES MOTHER

P ☐ F ☐

26 EYES FOLLOW PENCIL

P ☐ F ☐

27 REACTS TO PAPER ON FACE

P ☐ F ☐

28 SEARCHES WITH EYES FOR SOUND

P ☐ F ☐

10 COMMENTS

COLR-1011-A
REV. 1-61

COLR RESEARCH FORM OF
BAYLEY SCALES OF MENTAL DEVELOPMENT

12 PATIENT IDENTIFICATION

16 EXAMINED BY

17 DATE OF EXAM
MO DAY YEAR

9. ITEMS ACCORDING TO AGE PLACEMENT (CONT.)

20 VOCALIZES TO SOCIAL STIMULUS & SMILES
AND TALKS

P ☐ F ☐

21 MANIPULATES RING

P ☐ F ☐

22 VOCALIZES 2 SYLLABLES

P ☐ F ☐

23 REGARDS CUBE AT TABLE

P ☐ F ☐

24 GLANCES FROM ONE OBJECT TO ANOTHER

P ☐ F ☐

25 ANTICIPATORY ADJUSTMENT TO LIFTING

P ☐ F ☐

26 REACTS TO DISAPPEARANCE OF FACE

P ☐ F ☐

27-30 MONTHS, ITEMS 26-45

26 REACHES FOR RING

P ☐ F ☐

27 PLAYS WITH RATTLE

P ☐ F ☐

28 FINGERS HAND IN PLAY

P ☐ F ☐

29 FOLLOWS VANISHING RING

P ☐ F ☐

30 AWARE OF UTENSIL SITUATION

P ☐ F ☐

31 FOLLOWS VANISHING SPOON

P ☐ F ☐

32 EYES FOLLOW BALL ACROSS TABLE

P ☐ F ☐

33 CARRIES RING TO MOUTH

P ☐ F ☐

18 COMMENTS

COLR. 0514
REV. 1-61
3

COLR RESEARCH FORM OF BAYLEY SCALES OF MENTAL DEVELOPMENT

19 PATIENT IDENTIFICATION

20 EXAMINED BY

21 DATE OF EXAM

MO DAY YEAR

9. ITEMS ACCORDING TO AGE PLACEMENT (CONT.)

44 MANIPULATES TABLE EDGE SLIGHTLY

P ☐ F ☐

45 INSPECTS OWN HANDS

P ☐ F ☐

46 CLOSES ON DANGLING RING

P ☐ F ☐

4-9 MONTHS: ITEMS 47-55

47 TURNS HEAD TO SOUND OF BELL

P ☐ F ☐

48 TURNS HEAD TO SOUND OF RATTLE

P ☐ F ☐

49 REACHES FOR CUBE

P ☐ F ☐

50 ACTIVE TABLE MANIPULATION

P ☐ F ☐

51 REGARDS PELLET

P ☐ F ☐

52 APPROACHES MIRROR IMAGE

P ☐ F ☐

53 PICKS UP CUBE (NOTE HAND USED)

P ☐ F ☐

54 EXPLOITING PAPER PLAY

P ☐ F ☐

55 RETAINS 2 CUBES

P ☐ F ☐

9-12 MONTHS: ITEMS 56-57

56 DISCRIMINATES STRANGERS

P ☐ F ☐ Rpt. ☐

57 VOCALIZES ATTITUDES

P ☐ F ☐

22 COMMENTS

- Seldom
- ⊖ Moderately
- ⊕ Frequently

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REV 7-61
3

COLP RESEARCH FORM OF
BAYLEY SCALES OF MENTAL DEVELOPMENT

24 EXAMINED BY

25 DATE OF EXAM
MO DAY YEAR

23 PATIENT IDENTIFICATION

9. ITEMS ACCORDING TO AGE PLACEMENT (CONT)

58 RECOVERS RATTLE IN CRIB OR PLAYPEN

P ☐ F ☐

59 REACHES PERSISTENTLY

P ☐ F ☐

60 TURNS HEAD AFTER DROPPED OBJECTS

P ☐ F ☐

61 LIFTS CUP

P ☐ F ☐

62 REACHES FOR SECOND CUBE

P ☐ F ☐

63 ENJOYS PEEL C PLAY

P ☐ F ☐ Rep. ☐

64 TRANSFERS OBJECT HAND TO HAND

P ☐ F ☐

65 SUSTAINS INSPECTION OF RING

P ☐ F ☐

66 PLAYS WITH STRING

P ☐ F ☐

67 PICKS UP CUBE DIRECTLY AND EASILY

P ☐ F ☐

6-9 MONTHS, ITEMS 68-74

68 PULLS STRING SECURES RING

P ☐ F ☐

69 ENJOYS SOUND PRODUCTION

P ☐ F ☐

70 LIFTS CUP BY HANDLE

P ☐ F ☐

71 RETAINS 2 CUBES IF 2 OFFERED

P ☐ F ☐

72 ATTENDS TO SCRIBBLING

P ☐ F ☐

26 COMMENTS

10-10-11
REV. 47
1

COLL RESEARCH FORM OF
BAYLEY SCALES OF MENTAL DEVELOPMENT

28 EXAMINED BY

29 DATE OF EXAM

MO DAY YEAR

9. ITEMS ACCORDING TO AGE PLACEMENT (CONT)

72 LOOKS FOR DROPPED OBJECT

P ☐ F ☐

74 MANIPULATES BELL INTEREST IN DETAILS

P ☐ F ☐

7-9 MONTHS ITEMS 75-83

75 RESPONDS PLAYFULLY TO MIRROR

P ☐ F ☐

76 LOCALIZES A DIFFERENT SYLLABLE

P ☐ F ☐ Rpt ☐

77 PULLS STRING PURPOSEFULLY TO SECURE RING

P ☐ F ☐

78 RESPONDS TO SOCIAL PLAY

P ☐ F ☐ Rpt ☐

79 ATTEMPTS TO SECURE 3 CUBES

P ☐ F ☐

80 RINGS BELL INITIATIVELY

P ☐ F ☐

81 RESPONDS TO NAME OR NICKNAME

P ☐ F ☐ Rpt ☐

82 SAYS DADA OR EQUIVALENT SPEC FY

P ☐ F ☐ Rpt ☐

83 UNCOVERS TOY

P ☐ F ☐

9-12 MONTHS ITEMS 84-89

84 ADJUSTS TO WORDS

P ☐ F ☐ Rpt ☐

85 FINGERS HOLES IN PEG BOARD

P ☐ F ☐

86 PUTS CUBE IN CUP

P ☐ F ☐

10 PATIENT IDENTIFICATION

30 COMMENTS

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Bethesda 14 MD

PS-1-5
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COUR RESEARCH FORM OF
BAYLEY SCALES OF MENTAL DEVELOPMENT

32 EXAMINED BY

33 DATE OF EXAM
MO DAY YEAR

P. ITEMS ACCORDING TO AGE PLACEMENT (CONT.)

87 LOOKS FOR CONTENTS OF BOX

P ☐ F ☐

88 ATTEMPTS TO IMITATE SCHEMABLE

P ☐ F ☐

89 STIRS WITH SPOON IN IMITATION

P ☐ F ☐

11-12.9 MONTHS, ITEMS 89-96

90 UNWRAPS TOY

P ☐ F ☐

91 PUSHES CAR ALONG IN IMITATION

P ☐ F ☐

92 IMITATES WORDS

P ☐ F ☐ Sp. ☐

93 USES EXPRESSIVE JARGON

P ☐ F ☐

94 3 OR MORE BLOCKS IN CUP

P ☐ F ☐

95 UNCOVERS SQUARE BOX

P ☐ F ☐

96 DANGLES RING

P ☐ F ☐

13-14.9 MONTHS, ITEMS 97-100

97 PLACES 1 BIC REPEATEDLY

P ☐ F ☐

98 TURNS PAGES OF BOOK

P ☐ F ☐

99 PATS THE DOLL

P ☐ F ☐

100 ADJUSTS ROUND BLOCK 3 HOLE BOARD

P ☐ F ☐

34 COMMENTS

COLP 3-51
REV 51
1

15 PATIENT IDENTIFICATION

COLP RESEARCH FORM OF
BAYLEY SCALES OF MENTAL DEVELOPMENT

16 EXAMINED BY

17 DATE OF EXAM
MO DAY YEAR

9. ITEMS ACCORDING TO AGE PLACEMENT (CONT.)

101. BUILD TOWER OF 2 CUBES

P ☐ F ☐

102. ONE ROUND BLOCK IN BAYLEY BOARD

P ☐ F ☐

103. SCRIBBLES SPONTANEOUSLY

P ☐ F ☐

104. REMOVES PELLETT FROM BOTTLE

P ☐ F ☐

105. SAYS 2 WORDS

P ☐ F ☐ Sp ☐

(10 words) Approx

106 words recorded

106. SHOWS SMILES

P ☐ F ☐

30 COMMENTS

COLR RESEARCH FORM OF
BAYLEY SCALES OF MOTOR DEVELOPMENT

PATIENT IDENTIFICATION

1 EXAMINED BY

2 DATE OF EXAM

MO DAY YEAR

SCORING SYMBOLS: PASS (P), FAIL (F), REPORT (R)

3 ITEMS ACCORDING TO AGE PLACEMENT

4 COMMENTS

0-9 MONTHS: ITEMS 1-8

1 POSTURAL ADJUSTMENT WHEN HELD TO SHOULDER

P ☐ F ☐

2 LIFTS HEAD AT SHOULDER

P ☐ F ☐

3 LATERAL HEAD MOVEMENTS

P ☐ F ☐

4 CRAWLING MOVEMENTS

P ☐ F ☐

5 RETAINS RED RING

P ☐ F ☐

6 ARM THRUSTS IN PLAY

P ☐ F ☐

7 LEG THRUSTS IN PLAY

P ☐ F ☐

8 HEAD ERECT--VERTICAL

P ☐ F ☐

10-15 MONTHS: ITEMS 9-15

9 CORREL. SUSPENS. OF LIFTS HEAD

P ☐ F ☐

10 HEAD ERECT AND STEADY

P ☐ F ☐

11 TURNS FROM SIDE TO BACK

P ☐ F ☐

12 PRONE--ELEVATES SELF BY ARMS

P ☐ F ☐

13 SITS WITH SUPPORT

P ☐ F ☐

14 HOLDS HEAD STEADY

P ☐ F ☐

15 HANDS PREDOMINANTLY OPEN

P ☐ F ☐

COLR RESEARCH FORM OF
BAYLEY SCALES OF MOTOR DEVELOPMENT

6 PATIENT IDENTIFICATION

7 EXAMINED BY

8 DATE OF EXAM
MO DAY YEAR

4 ITEMS ACCORDING TO AGE PLACEMENT

9 COMMENTS

3-4.9 MONTHS: ITEMS 15-19

15 SITS WITH SLIGHT SUPPORT

P ☐ F ☐

17 RETAINS CUBE BRIEFLY

P ☐ F ☐

18 TURNS FROM BACK TO SIDE

P ☐ F ☐

19 HEAD BALANCED

P ☐ F ☐

5-6.9 MONTHS: ITEMS 20-26

20 EFFORT TO SIT

P ☐ F ☐

21 PARTIAL THUMB OPPOSITION - RADIAL PALMER

P ☐ F ☐

22 PULLS TO SITTING POSITION HOLDS C & S THUMBES
OR FOREFINGERS

P ☐ F ☐

23 SITS ALONE MOMENTARILY

P ☐ F ☐

24 UNILATERAL REACHING

P ☐ F ☐

25 SITS ALONE 30 SECONDS OR MORE

P ☐ F ☐

26 SITS ALONE STEADILY

P ☐ F ☐

7-7.9 MONTHS: ITEMS 27-33

27 ROLLS FROM BACK TO STOMACH

P ☐ F ☐

28 SECURES PELLET RADIAL WRING

P ☐ F ☐

29 SITS ALONE WITH GOOD COORDINATION

P ☐ F ☐

30 PICKS UP CUBE RADIAL-DIGITAL GRASP

P ☐ F ☐

COLR RESEARCH FORM OF
BAYLEY SCALES OF MOTOR DEVELOPMENT

11. EXAMINED BY

12. DATE OF EXAM
MO DAY YEAR

A. ITEMS ACCORDING TO AGE PLACEMENT (CONT)

13. COMMENTS

31. PREWALKING PROGRESSION

P ☐ F ☐ Rpt. ☐

32. EARLY STEPPING MOVEMENTS

P ☐ F ☐ Rpt. ☐

33. SECURES PELLET INFERIOR Pincer

P ☐ F ☐

5-9 MONTHS, ITEMS 34-37

34. PULLS TO STANDING - HOLDS E'S HAND

P ☐ F ☐ Rpt. ☐

35. RAISES SELF TO SITTING POSITION

P ☐ F ☐ Rpt. ☐

36. PULLS SELF TO STAND

P ☐ F ☐ Rpt. ☐

37. BRINGS 2 OBJECTS TOGETHER AT MIDDLE

P ☐ F ☐

9-11 MONTHS, ITEMS 38-40

38. SECURES PELLET NEAR Pincer

P ☐ F ☐

39. STEPPING MOVEMENTS

P ☐ F ☐ Rpt. ☐

40. WALKS WITH HELP

P ☐ F ☐ Rpt. ☐

12-15 MONTHS, ITEMS 41-43

41. SITS DOWN

P ☐ F ☐ Rpt. ☐

42. STANDS ALONE WITHOUT SUPPORT

P ☐ F ☐ Rpt. ☐

43. WALKS ALONE

P ☐ F ☐ Rpt. ☐

INFANT BEHAVIOR PROFILE

TEST ACTIONS: Each item should be checked (X) only once

2 EXAMINER

3 DATE OF EXAM
MO. DAY YEAR

ORIENTATION TO OBJECTS

73 COMMENTS

4 SPEED OF RESPONSE

- | | | | | | |
|--|----------------------------|---|----------------------------|---|----------------------------|
| 1 ☐ | 2 ☐ | 3 ☐ | 4 ☐ | 5 ☐ | 6 ☐ |
| Very Slow
(Does not approach or
at all or takes
a very long time) | | Approaches
objects after
looking at
them briefly | | Very Fast
(Approaches EV
immediately) | Varies
Greatly |

5 INTENSITY OF RESPONSE

- | | | | | | |
|---|----------------------------|--------------------------------------|----------------------------|---|----------------------------|
| 1 ☐ | 2 ☐ | 3 ☐ | 4 ☐ | 5 ☐ | 6 ☐ |
| Very Weak
(Does not look at
or handle
objects) | | Some manip-
ulation of
objects | | Very Strong
(Manipulates
objects with
considerable
force) | Varies
Greatly |

6 DURATION OF RESPONSE

- | | | | | | |
|--|----------------------------|--|----------------------------|--|----------------------------|
| 1 ☐ | 2 ☐ | 3 ☐ | 4 ☐ | 5 ☐ | 6 ☐ |
| Seems
very short
time
with
objects | | Seems
moderate
amount of
time with
objects | | Seems
very long
time with
objects | Varies
Greatly |

7 PERSISTENCE IN PURSUIT

- | | | | | | |
|--|----------------------------|--|----------------------------|--|----------------------------|
| 1 ☐ | 2 ☐ | 3 ☐ | 4 ☐ | 5 ☐ | 6 ☐ |
| Very Low
(Makes no
attempt to
get
objects on
his own) | | Makes several
brief attempts
to get
objects on
his own | | Very High
(Makes persistent
and
repeated
attempts to get
objects on
his own) | Varies
Greatly |

ORIENTATION TO PERSONS

8 INTENSITY OF SOCIAL RESPONSE

- | | | | | | |
|--|----------------------------|---|----------------------------|--|----------------------------|
| 1 ☐ | 2 ☐ | 3 ☐ | 4 ☐ | 5 ☐ | 6 ☐ |
| Very Weak
(Does not
respond to
changes of
social
contact) | | As interested
in social
contact as
in object
manipulation | | Very Strong
(Over-reacts
to persons) | Varies
Greatly |

9 NATURE OF SOCIAL RESPONSE EXAMINER

- | | | | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 1 ☐ | 2 ☐ | 3 ☐ | 4 ☐ | 5 ☐ | 6 ☐ |
| Avoiding | | Avoiding | | Seeking | Varies
Greatly |

10 NATURE OF SOCIAL RESPONSE MOTHER

- | | | | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 1 ☐ | 2 ☐ | 3 ☐ | 4 ☐ | 5 ☐ | 6 ☐ |
| Avoiding | | Avoiding | | Domineering | Varies
Greatly |

11 ACTIVITY LEVEL

- | | | | | | |
|----------------------------|----------------------------|---|----------------------------|----------------------------|----------------------------|
| 1 ☐ | 2 ☐ | 3 ☐ | 4 ☐ | 5 ☐ | 6 ☐ |
| Hypertensive | | Responds
appropriately
to situations
calling for
activity | | Hypotensive | Varies
Greatly |

INFANT BEHAVIOR PROFILE

INSTRUCTIONS: If any of the above items are checked Not Normal or Not Adequate (N), or if Examiner is not confident in a rating, reasons should be given.

14 EXAMINER

15 DATE OF EXAM
MO 3 DAY 1 YEAR

CLINICAL IMPRESSION				22 COMMENTS
16 PHYSICAL DEVELOPMENT				
1 ☐ Advanced	2 ☐ Normal	3 ☐ Suspect	4 ☐ Abnormal	
17 MENTAL DEVELOPMENT				
1 ☐ Advanced	2 ☐ Normal	3 ☐ Suspect	4 ☐ Abnormal	
18 FINE MOTOR DEVELOPMENT				
1 ☐ Advanced	2 ☐ Normal	3 ☐ Suspect	4 ☐ Abnormal	
19 GROSS MOTOR DEVELOPMENT				
1 ☐ Advanced	2 ☐ Normal	3 ☐ Suspect	4 ☐ Abnormal	
20 SOCIAL-EMOTIONAL DEVELOPMENT				
1 ☐ Advanced	2 ☐ Normal	3 ☐ Suspect	4 ☐ Abnormal	
21 ADEQUACY OF EXAMINATION				
1 ☐ Adequate		2 ☐ Not Adequate		
22 SUMMARY STATEMENT (OPTIONAL)				

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PATIENT IDENTIFICATION

ADDITIONAL OBSERVATIONS

1 EXAMINED BY	2 DATE OF EXAM
	MO DAY YEAR

3 FACE

- ☐ Normal
☐ Asymmetry
☐ Mass-like
☐ Hypertrophic
☐ Other (describe)

4 MOUTH

- ☐ Normal
☐ Open part of the line
☐ Excessive drooping
☐ Unusual movements
☐ Other (describe)

5 HEARING

	RIGHT	LEFT
7 Responds to loud	☐	☐
8 Responds to quiet	☐	☐
9 Responds to high freq. (see instructions)	☐	☐
10 Responds to low freq. (see instructions)	☐	☐
11 Responds to middle frequency (see instructions)	☐	☐
12 Other (describe)	☐	☐

6 EYES

	RIGHT	LEFT
Normal	☐	☐
Exaggerated	☐	☐
Exaggerated	☐	☐
Exaggerated	☐	☐

7 GRIP

	RIGHT	LEFT
Normal	☐	☐
Strong	☐	☐
Weak	☐	☐
Absent	☐	☐

Other (describe)

8 COMPARATIVE FUNCTION OF ARMS AND HANDS

	RIGHT	LEFT
No difference	☐	☐
Grasp more adept (right)	☐	☐
Flexion more adept (right)	☐	☐
Use more precisely	☐	☐
Other (describe)	☐	☐

10 COMMENTS

ADDITIONAL OBSERVATIONS

16. EXAMINED BY

18. DATE OF EXAM.
mo. day year

19. UNUSUAL MUSCULAR MOVEMENTS OR POSTURAL ADJUSTMENTS

☐ NONE
OR

1. Head not erect.....
2. Head unstable.....
3. Abnormal movements of arms and hands.....
4. Backward use of hands.....
5. Hands consistently fisted.....
6. Tremors of hands.....
7. Constant bilateral use of hands.....
8. Arms consistently extended and clenched.....
9. Shoulders and upper arms stiff, straight immobile.....
10. Tremors of legs.....
11. Scissoring of legs.....
12. Constant flexing of knees, unable to sit without on feet.....
13. Other (describe).....

20. COMMENTS

21. DEVIANT OR STEREOTYPED BEHAVIOR

☐ NONE
OR

1. Excessive and persistent drooping.....
2. Excessive and persistent mouthing of toys.....
3. Excessive and persistent banging.....
4. Preoccupation with a toy to the exclusion of others.....
5. Persistent transferring of toys from one hand to the other.....
6. Unusual and meaningless hand motions.....
7. Head rolling.....
8. Head banging.....
9. Rocking.....
10. Meaningless smiling and laughing.....
11. Excessive crying.....
12. Other (describe).....

22. OBVIOUS DEFECTS OR ANOMALIES

☐ NONE
OR

- | | |
|----------------------------|--|
| 1. Mongolian..... | 5. Very close..... |
| 2. Hydrocephalus..... | 6. Unusually small..... |
| 3. Microcephalus..... | 7. Skin condition (not diaper rash)..... |
| 4. Asymmetry of skull..... | 8. Other (describe in detail)..... |

CHS 111-1
 10-1-14
 1

PATIENT IDENTIFICATION

MATERNAL BEHAVIOR IN TESTING SITUATION

2 EXAMINED BY

3 DATE OF EXAM
 MO DAY YEAR

4 EXPRESSION OF AFFECTION

Overly
 1

2

Warm
 3

4

Unresponsive
 5

5 EVALUATION OF CHILD (FROM mother's eye about child)

Gratified
 1

2

Accepting
 3

4

Stressing
 5

6 PHYSICAL HANDLING OF CHILD (Control)

Rough
 1

2

Consistent
 3

4

Overly maternal
 5

7 MANAGEMENT OF CHILD (During actual testing)

No facilitation
 1

2

Overfacilitating
 3

4

Overdisciplining
 5

8 REACTION TO CHILD'S NEEDS

Unresponsive
 1

2

Responsive
 3

4

Absent
 5

9 REACTION TO CHILD'S TEST PERFORMANCE

Indifferent
 1

2

Interested
 3

4

Defensive
 5

10 MOTHER'S FOCUS OF ATTENTION DURING EXAMINATION

Child
 1

2

Self
 3

4

Self
 5

11 CHILD'S APPEARANCE

Underdressed
 1

2

Appropriate
 3

4

Overdressed
 5

12 CLINICAL IMPRESSION (Optional)

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 Bethesda 14 and

PS-1 (Rev. 1-67)

Form Item Numbers Linked to Data Items on PS-1. CURR Research Form of Bayley Scales of Mental Development

ITEM NO	DATA ITEM	CARD NUM	FROM	TO	DATA ITEM NAME
5351...VAR	508				Bayley scales: mental development, grouped code
5352...VAR	507				Bayley scales: mental development, score
2810...PS-1 2101	18				Bayley scales: mental development; motor development; behavior profile; diagnosis, final
2862...PS-1 3101	18				Bayley scales: mental development; motor development; behavior profile; diagnosis, final
2756...PS-1 1101	18				Bayley scales: mental development; motor development; behavior profile; diagnosis, final
2757...PS-1 1101	19				Bayley scales: mental development; score, total
2811...PS-1 2101	19				Bayley scales: mental development; score, total
2863...PS-1 3101	19				Bayley scales: mental development; score, total
5354...VAR	511				Bayley scales: motor development, grouped code
5356...VAR	508				Bayley scales: motor development, score
2812...PS-1 2101	22				Bayley scales: motor development, score, final
2864...PS-1 3101	22				Bayley scales: motor development; score, final
2758...PS-1 1101	22				Bayley scales: motor development; score, final
5356...VAR	512				Developmental exam final diagnosis (8 months)
5351...VAR	504				Developmental exam present (4 months)
2759...PS-1 1101	24				Examiner
2859...PS-1 3101	15				Age
2753...PS-1 1101	15				Age
2807...PS-1 2101	15				Age
5357...VAR	513				Developmental exam (4 months), age of child (mks)
2808...PS-1 2101	14				Sex
2754...PS-1 1101	14				Sex
2860...PS-1 3101	14				Sex
2861...PS-1 3101	17				Race
2755...PS-1 1101	17				Race
2809...PS-1 2101	17				Race
2760...PS-1 1101	26				Bayley scales: mental development, social skills
2761...PS-1 1101	27				Bayley scales: mental development, visually recognizes other
2762...PS-1 1101	28				Bayley scales: mental development, eyes follow pencil
2763...PS-1 1101	29				Bayley scales: mental development, reacts to owner on face
2764...PS-1 1101	30				Bayley scales: mental development, searches with eyes for sound
2765...PS-1 1101	31				Bayley scales: mental development, vocalizes to social stimulus
2766...PS-1 1101	32				Bayley scales: mental development, manipulates ring
2767...PS-1 1101	33				Bayley scales: mental development, vocalizes 2 syllables
2768...PS-1 1101	34				Bayley scales: mental development, regards cube (at table)
2769...PS-1 1101	35				Bayley scales: mental development, glances from object to another
2770...PS-1 1101	36				Bayley scales: mental development, anticipatory adjustment to lifting
2771...PS-1 1101	37				Bayley scales: mental development, reacts to disappearance of face

Core Item Numbers Linked to Data Items on PS-1, Child Research Form of Bayley Scales of Mental Development

ITEM ON FORM	DATA ITEM IN	CARD NUM	FROM	TO	DATA ITEM NAME
36	2772...PS-1	1101	38	38	Bayley Scales: mental development, reaches for ring
37	2773...PS-1	1101	39	39	Bayley Scales: mental development, play with rattle
38	2774...PS-1	1101	40	40	Bayley Scales: mental development, fingers hand in play
39	2775...PS-1	1101	41	41	Bayley Scales: mental development, follows vanishing ring
40	2776...PS-1	1101	42	42	Bayley Scales: mental development, aware of strange situation
41	2777...PS-1	1101	43	43	Bayley Scales: mental development, follows vanishing spoon
42	2778...PS-1	1101	44	44	Bayley Scales: mental development, eyes follow ball across table
43	2779...PS-1	1101	45	45	Bayley Scales: mental development, carries ring to mouth
44	2780...PS-1	1101	46	46	Bayley Scales: mental development, manipulates table edge slightly
45	2781...PS-1	1101	47	47	Bayley Scales: mental development, closes own hands
46	2782...PS-1	1101	48	48	Bayley Scales: mental development, closes on dangling ring
47	2783...PS-1	1101	49	49	Bayley Scales: mental development, turns head in sound of bell
48	2784...PS-1	1101	50	50	Bayley Scales: mental development, turns head in sound of rattle
49	2785...PS-1	1101	51	51	Bayley Scales: mental development, reaches for cube
50	2786...PS-1	1101	52	52	Bayley Scales: mental development, active table manipulation
51	2787...PS-1	1101	53	53	Bayley Scales: mental development, regards pellet
52	2788...PS-1	1101	54	54	Bayley Scales: mental development, approaches mirror image
53	2789...PS-1	1101	55	55	Bayley Scales: mental development, picks up cube
54	2790...PS-1	1101	56	56	Bayley Scales: mental development, expeditious play
55	2791...PS-1	1101	57	57	Bayley Scales: mental development, retains 2 cubes
56	2792...PS-1	1101	58	58	Bayley Scales: mental development, discriminates strangers
57	2793...PS-1	1101	59	59	Bayley Scales: mental development, vocalizes attitudes
58	2794...PS-1	1101	60	60	Bayley Scales: mental development, recovers rattle in crib or playpen
59	2795...PS-1	1101	61	61	Bayley Scales: mental development, reaches persistently
60	2796...PS-1	1101	62	62	Bayley Scales: mental development, turns head after dropped object
61	2797...PS-1	1101	63	63	Bayley Scales: mental development, lifts cup
62	2798...PS-1	1101	64	64	Bayley Scales: mental development, reaches for 2nd cube
63	2799...PS-1	1101	65	65	Bayley Scales: mental development, enjoys frolic play
64	2800...PS-1	1101	66	66	Bayley Scales: mental development, transfers object hand to hand
65	2801...PS-1	1101	67	67	Bayley Scales: mental development, sustains inspection of ring
66	2802...PS-1	1101	68	68	Bayley Scales: mental development, plays with string
67	2803...PS-1	1101	69	69	Bayley Scales: mental development, picks up cube directly and easily
68	2813...PS-1	2101	74	74	Bayley Scales: mental development, pulls string secures ring
69	2815...PS-1	2101	75	75	Bayley Scales: mental development, enjoys sound production
70	2816...PS-1	2101	76	76	Bayley Scales: mental development, lifts cup by handle
71	2817...PS-1	2101	77	77	Bayley Scales: mental development, retains 2 cubes of 3
72	2818...PS-1	2101	78	78	Bayley Scales: mental development, attends to scribbling
73	2819...PS-1	2101	79	79	Bayley Scales: mental development, looks for dropped object
74	2820...PS-1	2101	80	80	Bayley Scales: mental development, manipulates ball
75	2821...PS-1	2101	81	81	Bayley Scales: mental development, responds to mirror playfully
76	2822...PS-1	2101	82	82	Bayley Scales: mental development, vocalizes 4 different syllables

Form Item Numbers linked to Data Items on PS-1, CUBH Research Form of Bayley Scales of Mental Development

ITEM NM FORM	DATA ITEM IN	CAHO NUM	FROM	TO	DATA ITEM NAME
77	2A22...PS-1	2101	33	33	Bayley scales: mental development, pulls string to secure ring
78	2A23...PS-1	2101	34	34	Bayley scales: mental development, responds to social play
79	2A24...PS-1	2101	35	35	Bayley scales: mental development, attempts to secure 3 cubes
80	2A25...PS-1	2101	36	36	Bayley scales: mental development, rings bell imitatively
81	2A26...PS-1	2101	37	37	Bayley scales: mental development, responds to name
82	2A27...PS-1	2101	38	38	Bayley scales: mental development, says da da
83	2A28...PS-1	2101	39	39	Bayley scales: mental development, uncovers toy
84	2A29...PS-1	2101	40	40	Bayley scales: mental development, adjusts to words
85	2A30...PS-1	2101	41	41	Bayley scales: mental development, fingers holes in peg board
86	2A31...PS-1	2101	42	42	Bayley scales: mental development, puts cube in cup
87	2A32...PS-1	2101	43	43	Bayley scales: mental development, looks for contents of box

Form Item Numbers Listed in Data Items on PS-2, CULR Research Form of Hayley Scales of Mental Development

ITEM NO	DATA ITEM	CAHO MIN	FORM	FORM	DATA ITEM NAME
11	2865...PS-2	3101	24	24	Hayley Scales: motor development, turns side to back
12	2866...PS-2	3101	25	25	Hayley Scales: motor development, prone elevated self by arms
13	2867...PS-2	3101	26	26	Hayley Scales: motor development, sits with support
14	2868...PS-2	3101	27	27	Hayley Scales: motor development, holds head steadily
15	2869...PS-2	3101	28	28	Hayley Scales: motor development, hands predominantly open
16	2870...PS-2	3101	29	29	Hayley Scales: motor development, sits with support
17	2871...PS-2	3101	30	30	Hayley Scales: motor development, retains cube briefly
18	2872...PS-2	3101	31	31	Hayley Scales: motor development, turns from back to side
19	2873...PS-2	3101	32	32	Hayley Scales: motor development, head balanced
20	2874...PS-2	3101	33	33	Hayley Scales: motor development, effort to sit
21	2875...PS-2	3101	34	34	Hayley Scales: motor development, partial thumb opposition
22	2876...PS-2	3101	35	35	Hayley Scales: motor development, pulls to sitting
23	2877...PS-2	3101	36	36	Hayley Scales: motor development, sits alone momentarily
24	2878...PS-2	3101	37	37	Hayley Scales: motor development, unilateral reaching
25	2879...PS-2	3101	38	38	Hayley Scales: motor development, sits alone 30 seconds or more
26	2880...PS-2	3101	39	39	Hayley Scales: motor development, sits alone steadily
27	2881...PS-2	3101	40	40	Hayley Scales: motor development, rolls from back to stomach
28	2882...PS-2	3101	41	41	Hayley Scales: motor development, secures pellet rate
29	2883...PS-2	3101	42	42	Hayley Scales: motor development, sits alone
30	2884...PS-2	3101	43	43	Hayley Scales: motor development, nicks up cube
31	2885...PS-2	3101	44	44	Hayley Scales: motor development, prewalking progression
32	2886...PS-2	3101	45	45	Hayley Scales: motor development, early creeping
33	2887...PS-2	3101	46	46	Hayley Scales: motor development, secures pellets; pincer
34	2888...PS-2	3101	47	47	Hayley Scales: motor development, pulls to standing
35	2889...PS-2	3101	48	48	Hayley Scales: motor development, raises self to sitting
36	2890...PS-2	3101	49	49	Hayley Scales: motor development, pulls self to stand
37	2891...PS-2	3101	50	50	Hayley Scales: motor development, brings 2 objects together
38	2892...PS-2	3101	51	51	Hayley Scales: motor development, secures pellet; near pincer
39	2893...PS-2	3101	52	52	Hayley Scales: motor development, standing movements
40	2894...PS-2	3101	53	53	Hayley Scales: motor development, walks with help
41	2895...PS-2	3101	54	54	Hayley Scales: motor development, sits down

Form Item Numbers Linked to Data Items on FS-3, Infant Behavior Profile

ITEM ON FORM	DATA ITEM IN	CARD NUM	FROM	TO	DATA ITEM NAME
4	2833...PS-3	2101	44	44	Behavior profile, speed of response
5	2834...PS-3	2101	45	45	Behavior profile, intensity of response
6	2835...PS-3	2101	46	46	Behavior profile, duration of response
7	2836...PS-3	2101	47	47	Behavior profile, persistence in pursuit
8	2837...PS-3	2101	48	48	Behavior profile, intensity of social response
9	2838...PS-3	2101	49	49	Behavior profile, nature of response to examiner
10	2839...PS-3	2101	50	50	Behavior profile, nature of response to mother
11	2840...PS-3	2101	51	51	Behavior profile, activity level
12	2841...PS-3	2101	52	52	Behavior profile, development, physical
13	2842...PS-3	2101	53	53	Behavior profile, development, mental
14	2843...PS-3	2101	54	54	Behavior profile, development, fine motor
15	2844...PS-3	2101	55	55	Behavior profile, development, gross motor
16	2845...PS-3	2101	56	56	Behavior profile, development, social/emotional
17	2846...PS-3	2101	57	57	Behavior profile, adequacy of exam
18	501A....VAR		1250	1250	Psychological exam; adequacy of exam

Form Item Numbers linked to Data Items on PS-4, Additional Observations

ITEM CN FORM	DATA TYPE ID	CARD NUM	FORM ID	DATA ITEM NAME
4	2447...PS-4	2101	58	58 Face; observation by examiner
5	2448...PS-4	2101	59	59 Mouth; observation by examiner
7-12	2449...PS-4	2101	60	60 Hearing; observation by examiner
13	2450...PS-4	2101	61	61 Eyes; observation by examiner
14	2451...PS-4	2101	62	62 Ears; observation by examiner
15	2452...PS-4	2101	63	63 Arms; observation by examiner
20	2453...PS-4	2101	64	64 Posture or movement; observation by examiner
21	2454...PS-4	2101	65	65 Behavior; observation by examiner
22	2455...PS-4	2101	66	66 Defects; observation by examiner

Form Item numbers linked to Data Items on PS-5, Maternal Behavior in Postnatal Situation

ITEM ON FORM	DATA ITEM IN	CARD MIN	FROM TO	DATA ITEM NAME
4	2906...PS-5	3101	64	64 Bayley scales: mental and motor development, tested during 6 month level
5	2906...PS-5	3101	55	55 Maternal, expression of affection
6	2907...PS-5	3101	56	56 Maternal, evaluation of child
7	2908...PS-5	3101	57	57 Maternal, handling of child
8	2909...PS-5	3101	58	58 Maternal, management of child
9	2910...PS-5	3101	59	59 Maternal, reaction to child's needs
10	2911...PS-5	3101	60	60 Maternal, reaction to child's test performance
11	2902...PS-5	3101	61	61 Maternal, mother focus of attention
12	2903...PS-5	3101	62	62 Maternal, child's appearance
	2904...PS-5	3101	63	63 Maternal, clinical impression

Form Item Numbers linked to Data Items on USSF, Western Form title

ITEM ON FORM	DATA ITEM ID	CARD NUM	FORM ID	DATA ITEM NAME
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2006...PS-5 3101

65

65

65 HAYLEY SCAPESSENTIAL AND MOTOR DEVELOPMENT, TESTED ABOVE 10 MONTH
level

INSTRUCTIONS TO CODES
8 MONTH PSYCHOLOGICAL EVALUATION
FORM PS 1-5 OCT 1961

<u>Form</u>		<u>LAST</u> <u>COLUMN</u>
1.	<u>Card Number</u> Code: 1	1
2.	<u>Form Number</u> Code: 101	2-4
3.	<u>Revision Number +</u> Item 1 Code: 1 - Form dated 2, 50 2 - Form dated: Rev. 7/60 3 - Form dated: Rev. 2/61	5
4.	<u>IMOS Number</u> Nine-digit number for Patient Identification Code: As given	6-14
5.	<u>Age</u> Item 2 Code: 1 - Less than 7 mo. 15 days 2 - Between 7 mo. 15 days and 8 mo. 15 days inclusive 3 - Between 8 mo. 15 days and 9 mo. 30 days inclusive 4 - Between 9 mo. 31 days and 10 mo. 3 days inclusive 5 - More than 10 months 9 - Unknown	15
6.	<u>Sex</u> Item 3 Code: 1 - Male 2 - Female	16
7.	<u>Race</u> Item 4 Code: 1 - White 2 - Negro 3 - Oriental 4 - Puerto Rican 5 - Other 9 - Unknown	17

* Unless specified, Fields, Titles and Last Columns refer to Rev. Numbers 1, 2, and 3.
 Form numbers refer to Form Dated: Rev. 2/61

DEFINITION OF CODES (Continued)

FORM PS-1
Card 1101FIELDCARD
COLUMN

8. Final Diagnosis
Code: 2 - Normal
3 - Suspect
4 - Abnormal
8 - Impossible due to lack of information
9 - Unknown
18
9. Total Mental Score
Code: 000-100 - As given
999 - Unknown
19-21
10. Total Motor Score
Code: 00-99 - As given
99 - Unknown
22-23
11. Examiner
Code for Rev. 1 and 2: See attachment A
"Examiners", PS 1-5 - 23-24
Code for Rev. 3: See attachment B
"Examiners", PS 1-5 - 25-28
24-25

BAYLEY SCALES OF MENTAL DEVELOPMENT

12. Social Smiles
Item 24
Code: 1 - Pass
2 - Fail
3 - Marginal (Revs. "1" and "2" only)
7 - Not observed (Revs. "1" and "2" only)
8 - Not tested
9 - Unknown
26
13. Visually Recognizes Mother
Item 25
Code: Same as in Field 12
27
14. Eyes Follow Pencil
Item 26
Code: Same as in Field 12
28
-

DEFINITION OF CODES (Continued)

FORM PS-1
Card 1101
CAPS
COLUMN

<u>FIELD</u>		
15.	<u>Reacts to Paper on Face</u> Item 27 Code: Same as in Field 12	29
16.	<u>Searches with Eyes For Sound</u> Item 28 Code: Same as in Field 12	30
17.	<u>Vocalizes to Social Stimulus</u> Item 29 Same as in Field 12	31
18.	<u>Manipulates Ring</u> Item 30 Code: Same as in Field 12	32
19.	<u>Vocalizes 2 Syllables</u> Item 31 Code: Same as in Field 12	33
20.	<u>Regards Cube (at table)</u> Item 32 Code: Same as in Field 12	34
21.	<u>Glances From One Object to Another</u> Item 33 Code: Same as in Field 12	35
22.	<u>Anticipatory Adjustment to Lifting</u> Item 34 Code: Same as in Field 12	36
23.	<u>Reacts to Disappearance of Face</u> Item 35 Code: Same as in Field 12	37
24.	<u>Reaches for Ring</u> Item 36 Code: Same as in Field 12	38
25.	<u>Plays With Rattle</u> Item 37 Code: Same as in Field 12	39
26.	<u>Fingers Hand in Play</u> Item 38 Code: Same as in Field 12	40

DEFINITION OF CODES (Continued)

FORM PS-1
CARD 1101

<u>FIELD</u>	<u>CARD COLUMN</u>
27. <u>Follows Vanishing Ring</u> Item 19 Code: Same as in Field 12	41
28. <u>Aware of Strange Situation</u> Item 20 Code: Same as in Field 12	42
29. <u>Follows Vanishing Screen</u> Item 21 Code: Same as in Field 12	43
30. <u>Eyes Follow Ball Across Table</u> Item 22 Code: Same as in Field 12	44
31. <u>Carries Ring to Mouth</u> Item 23 Code: Same as in Field 12	45
32. <u>Manipulates Table Edge Slightly</u> Item 24 Code: Same as in Field 12	46
33. <u>Inspects Own Hands</u> Item 25 Code: Same as in Field 12	47
34. <u>Closes on Dangling Ring</u> Item 26 Code: Same as in Field 12	48
35. <u>Turns Head to Sound of Bell</u> Item 27 Code: Same as in Field 12	49
36. <u>Turns Head to Sound of Rattle</u> Item 28 Code: Same as in Field 12	50
37. <u>Reaches for Cube</u> Item 29 Code: Same as in Field 12	51
38. <u>Active Table Manipulations</u> Item 30 Code: Same as in Field 12	52

DEFINITION OF CODES (Continued)

FORM PS-1
Card 1101

<u>FIELD</u>	<u>CARD COLUMN</u>
39. <u>Regards Pellet</u> Item 51 Code: Same as in Field 12	53
40. <u>Approaches Mirror Image</u> Item 52 Code: Same as in Field 12	54
41. <u>Picks Up Cube</u> Item 53 Code: Same as in Field 12	55
42. <u>Explosive Paper Play</u> Item 54 Code: Same as in Field 12	56
43. <u>Retains 3 Cubes</u> Item 55 Code: Same as in Field 12	57
44. <u>Discriminates Strangers</u> Item 56 Code: 1 - Pass 2 - Fail 3 - Marginal (Revs. "1" and "2" only) 7 - Reported 8 - Not tested 9 - Unknown	58
45. <u>Vocalizes Attitudes</u> Item 57 Code: Same as in Field 12	59
46. <u>Recovers Rattle in Crib or Playpen</u> Item 58 Code: Same as in Field 12	60
47. <u>Reaches Persistently</u> Item 59 Code: Same as in Field 12	61
48. <u>Turns Head After Dropped Objects</u> Item 60 Code: Same as in Field 12	62

DEFINITION OF CODES (Continued)

FORM PS-1
Card 1101

<u>FIELD</u>		<u>CARD COLUMN</u>
49.	<u>Lifts Cup</u> Item 51 Code: Same as in Field 12	63
50.	<u>Reaches for Second Cube</u> Item 52 Code: Same as in Field 12	64
51.	<u>Enjoys Frolic Play</u> Item 53 Code: Same as in Field 12	65
52.	<u>Transfers Object Hand to Hand</u> Item 54 Code: Same as in Field 12	66
53.	<u>Sustains Inspection of Ring</u> Item 55 Code: Same as in Field 12	67
54.	<u>Plays With String</u> Item 56 Code: Same as in Field 12	68
55.	<u>Picks Up Cube Directly and Easily</u> Item 57 Code: Same as in Field 12	69

DEFINITION OF CODES (Continued)

FORM PS-1, 3 & 4
Card 2101

FIELD

CARD COLUMN

1. Card Number
Code: 2 1
2. Basic Data *
Code: Same as in cols. 2-23 of Card 1 2-23
3. Pulls String; Secures Ring
PS-1, Item 68 24
Code: 1 - Pass
2 - Fail
3 - Marginal (Revs. "1" and "2" only)
7 - Reported (Revs. "1" and "2" only)
3 - Not tested
9 - Unknown
4. Enjoys Sound Production
PS-1, Item 69 25
Code: Same as in Field 3
5. Lifts Cup By Handle
PS-1, Item 70 26
Code: Same as in Field 3
6. Retains 2 Cubes (3 Offered)
PS-1, Item 71 27
Code: Same as in Field 3
7. Attends to Scribbling
PS-1, Item 72 28
Code: Same as in Field 3

* Unless specified, Fields, Codes and Card Columns refer to revision numbers "1", "2" and "3". Item numbers refer to Form Dated: Rev. 1/61

DEFINITION OF CODES (Continued)

FORM PS-1, 3 & 4
Card 2101

<u>FIELD</u>	<u>CARD COLUMN</u>
8. <u>Looks For Dropped Object</u> PS-1, Item 73 Code: Same as in Field 3	29
9. <u>Manipulates Bell: Interest in Details</u> PS-1, Item 74 Code: Same as in Field 3	30
10. <u>Responds Playfully to Mirror</u> PS-1, Item 75 Code: Same as in Field 3	31
11. <u>Vocalizes 4 Different Syllables</u> PS-1, Item 76 Code: 1 - Pass 2 - Fail 3 - Marginal (Revs. "1" and "2" only) 7 - Reported 8 - Not tested 9 - Unknown	32
12. <u>Pulls String Purposively to Secure Ring</u> PS-1, Item 77 Code: Same as in Field 3	33
13. <u>Responds to Social Play</u> PS-1, Item 78 Code: Same as in Field 11	34
14. <u>Attempts to Secure 3 Cubes</u> PS-1, Item 79 Code: Same as in Field 3	35
15. <u>Rings Bell Imitatively</u> PS-1, Item 80 Code: Same as in Field 3	36
16. <u>Responds to Name or Nickname</u> PS-1, Item 81 Code: Same as in Field 11	37
17. <u>Says Da-Da or Equivalent</u> PS-1, Item 82 Code: Same as in Field 11	38

DEFINITION OF CODES (Continued)

FORM PS-1, 3 & 4
Card 2101

<u>FIELD</u>		<u>CARD COLUMN</u>
18.	<u>Uncovers Toy</u> PS-1, Item 83 Code: Same as in Field 3	39
19.	<u>Adjusts to Words</u> PS-1, Item 84 Code: Same as in Field 11	40
20.	<u>Fingers Holes in Peg Board</u> PS-1, Item 85 Code: Same as in Field 3	41
21.	<u>Puts Cube in Cup</u> PS-1, Item 86 Code: Same as in Field 3	42
22.	<u>Looks For Contents of Box</u> PS-1, Item 87 Code: Same as in Field 3	43

INFANT BEHAVIOR PROFILE

23.	<u>Speed of Response</u> (Rev. "2" and "3" only) PS-3, Item 4 Code: Blank - Not on Rev. "1" 1 - Very slow, does not approach object, or takes a very long time 2 - Approaches objects, but only after they have been in front of him for some time 3 - Approaches objects after looking at them briefly 4 - Quickly approaches presented objects 5 - Very fast, anticipate's E's moves 6 - Varies greatly 6 - Comment only 9 - Unknown	44
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DEFINITION OF CODES (Continued)

FORM PS-1, 3 & 4
Card 2101

<u>FIELD</u>		<u>CARD COLUMN</u>
24.	<u>Intensity of Response</u> (Rev. "2" and "3" only) PS-3, Item 5 Code: Blank - Not on Rev. "1" 1 - Does not look at or handle objects 2 - When given objects, holds them. does not play with or manipulate 3 - Some manipulations of objects 4 - Plays with objects actively 5 - Exerts considerable force in manipulating objects 6 - Varies greatly 8 - Comment only 9 - Unknown	45
25.	<u>Duration of Response</u> (Rev. "2" and "3" only) PS-3, Item 6 Code: Blank - Not on Rev. "1" 1 - Attends to objects only very briefly 2 - Spends short time with objects 3 - Spends moderate amount of time with objects 4 - Spends fairly long time with objects 5 - Spends very long time with objects 6 - Varies greatly 8 - Comment only 9 - Unknown	46
26.	<u>Persistence in Pursuit</u> (Rev. "2" and "3" only) PS-3, Item 7 Code: Blank - Not on Rev. "1" 1 - Makes no attempt to get objects 2 - Makes one or two attempts, then gives up 3 - Makes several brief attempts, but gives up when encounters difficulty 4 - Makes frequent attempts to reach goal, does not give up easily 5 - Makes very frequent and vigorous attempts, does not give up easily 6 - Varies greatly 8 - Comment only 9 - Unknown	47

DEFINITION OF CODES (Continued)

FORM PS-1, 3 & 4
Card 2101

FIELD

CARD
COLUMN

27. Intensity of Social Response
(Rev. "2" and "3" only)
PS-3, Item 8
Code: Blank - Not on Rev. "1"
1 - Does not respond to initiation of social contact
2 - Responds only to direct approach, no interest in persons
3 - As interested in social contact as in object manipulation
4 - Behavior strongly affected by persons, more interested in persons than objects
5 - Very strong - over-reacts to persons
6 - Varies greatly
8 - Comment only
9 - Unknown 48
28. Nature of Social Response - Examiner
(Rev. "2" and "3" only)
PS-3, Item 9
Code: Blank - Not on Rev. "1"
1 - Avoids, draws back, turns to mother
2 - Hesitates, is apprehensive at approach of examiner
3 - Accepts, is passive, but responds
4 - Friendly, responds easily to most test situations
5 - Invites, instigates social contacts
6 - Varies greatly
8 - Comment only
9 - Unknown 49
29. Nature of Social Response - Mother
(Rev. "2" and "3" only)
PS-3, Item 10
Code: Blank - Not on Rev. "1"
1 - Ignores mother during free play, resists contact with mother
2 - Hesitates, cooperates in certain tests
3 - Accepts, responds adequately to assistance by mother
4 - Enjoys contact with mother during testing
5 - Demands, clings to mother
6 - Varies greatly
8 - Comment only
9 - Unknown 50

DEFINITION OF CODES (Continued)

FORM PS-1, 3 2 1
Card 2101

FIELD

CARD
COLUMN

30. Activity Level (Rev. "2" and "3" only) 51
PS-3, Item 11
Code: Blank - Not on Rev. "1"
1 - Hypoactive, stays quietly in one place, shows no self-initiated movement
2 - Little activity, seldom moves
3 - Responds appropriately in situations calling for activity
4 - Much activity, in action a good deal of time
5 - Hyperactive, constantly in motion, cannot be quieted
6 - Varies greatly
8 - Comment only
9 - Unknown
31. Physical Development (Rev. "2" and "3" only) 52
PS-3, Item 12
Code: Blank - Not on Rev. "1"
1 - Advanced
2 - Normal
3 - Suspect
4 - Abnormal
8 - Comment only
9 - Unknown
32. Mental Development (Rev. "2" and "3" only) 53
PS-3, Item 17
Code: Same as in Field 31
33. Fine Motor Development (Rev. "2" and "3" only) 54
PS-3, Item 18
Code: Same as in Field 31
34. Gross Motor Development (Rev. "2" and "3" only) 55
PS-3, Item 19
Code: Same as in Field 31
35. Social Emotional Development (Rev. "2" and "3" only) 56
PS-3, Item 20
Code: Same as in Field 31

DEFINITION OF CODES (Continued)

FORM PS-1, 3 & 4
Card 2101

FIELD

CARD
COLUMN

36. Adequacy of Examination
PS-3, Item 21
Code: 1 - Adequate
2 - Not adequate
8 - Comment only
9 - Unknown

57

ADDITIONAL OBSERVATIONS

37. Face (Rev. "3" only)
PS-4, Item 4
Code: Blank - Not on Rev. "1" and "2"
0 - Normal
1 - Asymmetrical
2 - Mask-like
3 - Hypomobile
7 - Combination of codes 1-3, and 8
8 - Other
9 - Unknown

58

38. Mouth (Rev. "3" only)
PS-4, Item 5
Code: Blank - Not on Rev. "1" and "2"
0 - Normal
1 - Open most of the time
2 - Excessive drooling
3 - Unusual movements
7 - Combination of codes 1-3, and 8
8 - Other
9 - Unknown

59

39. Hearing (Rev. "3" only)
PS-4, Items 7-12
Code: Blank - Not on Rev. "1" and "2"
0 - Normal for both ears
1 - Abnormal right ear
2 - Abnormal left ear
3 - Abnormal both ears
8 - Other
9 - Unknown

60

DEFINITION OF CODES (Continued)

FORM PS-1, 3 & 4
Card 2101

FIELD

CARD
COLUMN

40. Eyes (Rev. "3" only)
PS-4, Item 13 61
Code: Blank - Not on Rev. "1" and "2"
0 - Normal, right and left
1 - Strabismus, right
2 - Strabismus, left
3 - Nystagmus, right
4 - Nystagmus, left
5 - Epicanthic folds, right
6 - Epicanthic folds, left
7 - Combination of codes 1-6
8 - Comment only
9 - Unknown
- 1. Grip (Rev. "3" only)
PS-4, Item 14 62
Code: Blank - Not on Rev. "1" and "2"
0 - Normal, right and left
1 - Strong, right
2 - Strong, left
3 - Weak, right
4 - Weak, left
5 - Absent, right
6 - Absent, left
7 - Combination of codes 1-6 and 8
8 - Other only
9 - Unknown
- 2. Function of Arms and Hands (Rev. "3" only)
PS-4, Item 15 63
Code: Blank - Not on Rev. "1" and "2"
0 - No difference
1 - Grasp more adept, right or left
2 - Prehension more adept, right or left
3 - Used more predominantly, right
4 - Used more predominantly, left
5 - Combination of codes 1, 2 and 3 for right
6 - Combination of codes 1, 2 and 4 for left
7 - Combination of codes 1-4 and 5
8 - Other only
9 - Unknown

DEFINITION OF CODES (Continued)

FORM PS-1, 3 & 4
Card 2101

FIELD

CARD
COLUMN

43. Unusual Muscular Movements or Postural Adjustments 64
(Rev. "3" only)

PS-4, Item 20

Code: Blank - Not on Rev. "1" and "2"

- 0 - None
- 1 - One head condition
- 2 - Two head conditions
- 3 - One condition, hands, arms or shoulders
- 4 - Multiple conditions, hands, arms or shoulders
- 5 - One condition, legs or knees
- 6 - Multiple conditions, legs or knees
- 7 - Combination of codes 1-6 and 8
- 8 - Other only
- 9 - Unknown

44. Deviant or Stereotyped Behavior 65
(Rev. "1" and "3" only)

PS-4, Item 21

Code for Rev. "1":

Blank - Not on Rev. "2"

- 0 - Absent
- 1 - Present
- 9 - Unknown

Code for Rev. "3":

Blank - Not on Rev. "2"

- 0 - None
- 1 - Present in at least one of first five observations
- 2 - Unusual and meaningless hand motions
- 3 - Head rolling or banging
- 4 - Rocking
- 5 - Meaningless smiling and laughing
- 6 - Excessive crying
- 7 - Combination of codes 1-6 and 8
- 8 - Other only
- 9 - Unknown

DEFINITION OF CODES (Continued)

FORM PS-1, 3 & 4
Card 2101

FIG 12

CARD
COUNT

45. Obvious Defects (Rev. "2" and "3")
PS-4, Item 22
Code: Blank - Not on Rev. "1"
- 0 - None
 - 1 - Mongolism
 - 2 - Hydrocephalus
 - 3 - Microcephalus
 - 4 - Asymmetry of skull
 - 5 - Very obese or very small
 - 6 - Skin condition
 - 7 - Combination of codes 1-6 and 8
 - 8 - Other only
 - 9 - Unknown

66

DEFINITION OF CODES (Continued)

FORM PS-2 and 3
Card 3101

FIELD

CARD
COLUMN

1. Card Number
Code: 3 1
2. Basic Data *
Code: Same as in cols. 2-23 of Card 1 2-23

BAYLEY SCALES OF MOTOR DEVELOPMENT

3. Turns Side to Back
PS-2, Item 11 24
Code: 1 - Pass
2 - Fail
3 - Marginal (Revs. "1" and "2" only)
4 - Reported (Revs. "1" and "2" only)
5 - Not tested
9 - Unknown
4. Prone - Elevates Self by Arms
PS-2, Item 12 25
Code: Same as in Field 3
5. Sits with Support
PS-2, Item 13 26
Code: Same as in Field 3
6. Holds Head Steady
PS-2, Item 14 27
Code: Same as in Field 3
7. Hands Predominantly Open
PS-2, Item 15 28
Code: Same as in Field 3

* Unless specified, Fields, Codes and Card Columns refer to revision numbers "1", "2" and "3". Item numbers refer to Form Dated: Rev. 1/61

DEFINITION OF CODES (Continued)

FORM PS-2 and
Card 3101

<u>FIELD</u>		<u>CARD COLUMN</u>
8.	<u>Sits With Support</u> PS-2, Item 15 Code: Same as in Field 3	29
9.	<u>Retains Cube Briefly</u> PS-2, Item 17 Code: Same as in Field 3	30
10.	<u>Turns From Back to Side</u> PS-2, Item 18 Code: Same as in Field 3	31
11.	<u>Head Balanced</u> PS-2, Item 19 Code: Same as in Field 3	32
12.	<u>Effort to Sit</u> PS-2, Item 20 Code: 1 - Pass 2 - Fail 3 - Marginal (Rev. "1" and "2" only) 7 - Reported 8 - Not tested 9 - Unknown	33
13.	<u>Partial Thumb Opposition</u> PS-2, Item 21 Code: Same as in Field 3	34
14.	<u>Pulls to Sitting</u> PS-2, Item 22 Code: Same as in Field 3	35
15.	<u>Sits Alone Momentarily</u> PS-2, Item 23 Code: Same as in Field 3	36
16.	<u>Unilateral Reaching</u> PS-2, Item 24 Code: Same as in Field 3	37
17.	<u>Sits Alone 30 Seconds or More</u> PS-2, Item 25 Code: Same as in Field 3	38

DEFINITION OF CODES (Continued)

FORM PS-2 and
Card 3101

<u>FIELD</u>		<u>CARD COLUMN</u>
18.	<u>Sits Alone Steadily</u> PS-2, Item 25 Code: Same as in Field 3	39
19.	<u>Rolls From Back To Stomach</u> PS-2, Item 27 Code: Same as in Field 12	40
20.	<u>Secures Pellet - Rake</u> PS-2, Item 28 Code: Same as in Field 3	41
21.	<u>Sits Alone</u> PS-2, Item 29 Code: Same as in Field 3	42
22.	<u>Picks Up Cube</u> PS-2, Item 30 Code: Same as in Field 3	43
23.	<u>Prewalking Progression</u> PS-2, Item 31 Code: Same as in Field 12	44
24.	<u>Early Stepping</u> PS-2, Item 32 Code: Same as in Field 12	45
25.	<u>Secures Pellet - Pincer</u> PS-2, Item 33 Code: Same as in Field 3	46
26.	<u>Pulls to Standing</u> PS-2, Item 34 Code: Same as in Field 12	47
27.	<u>Raises Self to Sitting</u> PS-2, Item 35 Code: Same as in Field 12	48
28.	<u>Pulls Self to Stand</u> PS-2, Item 36 Code: Same as in Field 12	49
29.	<u>Brings Two Objects Together</u> PS-2, Item 37 Code: Same as in Field 3	50

DEFINITION OF CODES (Continued)

FORM PS-1 and PS-2
Card 3101

<u>FIELD</u>		<u>CARD COLUMN</u>
30.	<u>Secures Pellet - Neat Place:</u> PS-2, Item 38 Code: Same as in Field 3	51
31.	<u>Stepping Movement</u> PS-2, Item 39 Code: Same as in Field 12	52
32.	<u>Walks With Help</u> PS-2, Item 40 Code: Same as in Field 12	53
33.	<u>Sits Down</u> PS-2, Item 41 Code: Same as in Field 12	54
MATERNAL BEHAVIOR		
34.	<u>Expression of Affection (Rev. "3" only)</u> PS-5, Item 4 Code: Blank - Not on Rev. "1" and "2" 1 - Negative 2 - Occasionally negative 3 - Warm 4 - Frequently caressed child 5 - Extravagant 6 - Combination of codes 1-5, variable 8 - Comment only 9 - Unknown	55
35.	<u>Evaluation of Child (Rev. "3" only)</u> PS-5, Item 5 Code: Blank - Not on Rev. "1" and "2" 1 - Critical 2 - Generally negative 3 - Accepting 4 - Ignores less desirable behavior 5 - Effusive 6 - Combination of codes 1-5, variable 8 - Comment only 9 - Unknown	56

DEFINITION OF CODES (Continued)

FORM PS-2 and 5
Card 3101

FIELD

CARD
COLUMNS

- | | | |
|-----|--|----|
| 36. | <p><u>Handling of Child (Rev. "3" only)</u></p> <p>PS-5, Item 6</p> <p>Code: Blank - Not on Rev. "1" and "2"</p> <ul style="list-style-type: none"> 1 - Rough 2 - Awkward and clumsy 3 - Considerate 4 - Very gentle 5 - Overly cautious 6 - Combination of codes 1-5, variable 8 - Comment only 9 - Unknown | 57 |
| 37. | <p><u>Management of Child (Rev. "3" only)</u></p> <p>PS-5, Item 7</p> <p>Code: Blank - Not on Rev. "1" and "2"</p> <ul style="list-style-type: none"> 1 - No facilitation 2 - Followed suggestions, held child 3 - Orienting 4 - Frequently interfered 5 - Overdirecting 6 - Combination of codes 1-5, variable 8 - Comment only 9 - Unknown | 58 |
| 38. | <p><u>Reaction to Child's Needs (Rev. "3" only)</u></p> <p>PS-5, Item 8</p> <p>Code: Blank - Not on Rev. "1" and "2"</p> <ul style="list-style-type: none"> 1 - Unresponsive 2 - Slow in responding 3 - Recognized 4 - Responded immediately 5 - Absorbed 6 - Combination of codes 1-5, variable 8 - Comment only 9 - Unknown | 59 |
| 39. | <p><u>Reaction to Child's Test Performance (Rev. "3" only)</u></p> <p>PS-5, Item 9</p> <p>Code: Blank - Not on Rev. "1" and "2"</p> <ul style="list-style-type: none"> 1 - Indifferent 2 - Brief interest 3 - Interested 4 - Excessive pride 5 - Defensive 6 - Combination of codes 1-5, variable 8 - Comment only 9 - Unknown | 60 |

DEFINITION OF CODES (Continued)

FORM PS 2-1-5
Card 3101

<u>FIELD</u>		<u>CARD COLUMN</u>
40.	<u>Mother's Focus of Attention During Exam</u> (Revision "3" only) PS-5, Item 10 Code: Blank - Not on Rev. "1" and "2" 1 - Child 2 - Involved Self with Child 3 - Situation 4 - Occasionally interrupted 5 - Self 6 - Combination of codes 1-5, variable 8 - Comment only 9 - Unknown	61
41.	<u>Child's Appearance</u> (Rev. "3" only) PS-5, Item 11 Code: Blank - Not on Rev. "1" and "2" 1 - Unkempt 2 - Helter-skelter 3 - Appropriate 4 - Somewhat overdressed 5 - Overdressed 6 - Combination of codes 1-5, variable 8 - Comment only 9 - Unknown	62
42.	<u>Clinical Impression</u> (Rev. "3" only) PS-5, Item 12 Code: Blank - Not on Rev. "1" and "2" 0 - No clinical impression 1 - Clinical impression	63
43.	<u>Tested Below 6 Month Level</u> Code: 0 - Not Tested 1 - Tested, no failures 2 - Tested, failures on Mental Scale 3 - Tested, failures on Motor Scale 4 - Tested, failures on Mental and Motor Scale 9 - Unknown	64
44.	<u>Tested Above 10 Month Level</u> Code: 0 - Not Tested 1 - Tested, no passes 2 - Tested, passes on Mental Scale 3 - Tested, passes on Motor Scale 4 - Tested, passes on Mental and Motor Scale 9 - Unknown	65

Attachment A
8 Month Psychological Examination

Examiners
1st and 2nd Revisions

<u>Boston - 05</u>		<u>Code</u>	
Aronson, Chris		00	
Fiedler, Miriam, Dr.		01	
Gallant, David, Dr.		02	
Ingram, Margaret		03	
Konstvedt, Mrs.		04	
Pickett, Pat		05	
Pytkowicz, Ann		06	
Sands, Mrs.		07	
Schulhoff, C.		08	
Unknown		09	
Hayes, B.		11	
Stechler, G.		12	
<u>Brown - 71</u>			
Holden, Raymond, Dr.	00		
Ruttenberg, Barbara	01		
Simmons, Mae, W.	02		
Uhlinger	03		
Unknown	09		
<u>Buffalo - 10</u>			
Stein, Arthur, Dr.	00		
Tiroff, Bernice	01		
Unknown	09		
<u>Columbia - 31</u>			
Reiss, N. and			
Schuman, H.	00		
Reiss, N.	01		
Schuman, H.	02		
Schuman and Hoolis	03		
Unknown	09		
<u>Johns Hopkins- 37</u>			
Askins, Jean	00		
Loring, Charlotte B.	01		
Scheinker, J.L.	02		
Unknown	09		
<u>Virginia - 45</u>			
Choate, M.S. Jr.	00		
Edmunds, Ann	01		
Unknown	09		
<u>Minnesota - 50</u>			
Shechtman, Audrey	00		
Sines, Lloyd K., Dr.	01		
Unknown	09		
<u>New York Medical - 55</u>			
Cohen	00		
Cohen-Grossberg	01		
Gershoff	02		
Gershoff-Cohen	03		
Gershoff-Gill	04		
Gershoff-Grossberg	05		
Gill-Grossberg	06		
Gill	07		
Grossberg	08		
Unknown	09		
Gill and Cohen	11		
<u>Oregon - 60</u>			
Butler, Dr.	00		
Kangas, John, Dr.	01		
Pirojnikoff, Leo A.	02		
Saslow	03		
Unknown	09		
<u>Pennsylvania - 66</u>			
Lewis	00		
Ferson - Now Stein	01		
Hamilton	02		
Rabb	03		
Small	04		
Todd	05		
Pittman - Rabb	06		
Small-Hamilton	07		
Unknown	09		

Examiners - 1st and 2nd Rev. (cont.)

<u>Tennessee - 82</u>	<u>Code</u>
VonLackum, William J., Dr.	00
Boone, Helms, Dr.	01
Unknown	09

<u>Charity - 16</u>	
Dorsey, Robert. Dr.	00
Long, A., Dr.	01
Reeves, Susan	02
Smith, S.	03
Crary	04
Greenbaum	05
Work	06
Unknown	09

ATTACHMENT B
6-MONTH PSYCHOLOGICAL EXAMINATION
EXAMINERS
2nd Revision

05 - Boston

00 Fiedler
01 Gallant
02 Hayes
03 Ingram
04 Pickett
05 Sands
06 Schulhoff
07 Stechler
08 Silber
09 Unknown
10 Novik
11 Reed
12 E. Cohen
13 N. Cohen
14 Kahan
15 Williams
16 Merzker
17 Shulman
18 Shantz (Uhlinger)
19 Laverman
20 Stein
21 Glickman
22 Tabellario
23 Feldman
24 Stern, S.
99 Courtesy Exam., Visiting
Examiner or Transfer Cases

10 - Buffalo

00 Turoff
01 Stein
02 Dorsen
03 Fleishman
04 Roman
05 Friedman
06 Healy
07 Singer
08 Jacobson
09 Unknown
10 Altman
11 Markowitz
99 Courtesy Exam., Visiting
Examiner or Transfer Cases

15 - Charity

00 Crary
01 Daste
02 Dorsey
03 Greenbaum
04 Levinson
05 Reeves
06 Work
07 Walton
08 Needham
09 Unknown
10 Goldstein
11 Dorsen
12 McCrady
13 Halloran
14 Fox
15 Maize
16 Roitzsch
17 Butler
18 Johnson
19 Sledge
20 Spruill
21 Lichtenstein
22 Flick
23 Smith
24 Clevat
25 Cannon
26 Fortner
27 Edmondson
99 Courtesy Exam., Visiting
Examiner or Transfer Cases

21 - Columbia

00 Schuchman & Braginsky
01 Schuchman & Hoolis.
02 Schuchman
03 Hoolis (Kavorentzis)
04 Cohen
05 Landau
06 Sprayregen
07 Edwards
08 Tuckman
09 Unknown
99 Courtesy Exam., Visiting
Examiner or Transfer Cases

ATTACHMENT B
3-MONTH PSYCHOLOGICAL EXAMINATION
EXAMINERS (cont.)
3rd Revision

37 - Johns Hopkins

00 Askin
01 Loring
02 Scheinker
03 Lewis
04 Peck
05 Tutman
06 Lilliard
07 Armistead
08 Merritt
09 Unknown
10 Washington
11 McDaniel
12 Bradford
13 Goldberg
14 Levi
15 Rosenberg
16 Richardson
17 Howard
99 Courtesy Exam., Visiting
Examiner or Transfer Cases

45 - Virginia

00 Chcate
01 Day
02 Coleman (Seay)
03 Lucky (Crawford)
04 Hill
05 Himitz (McPherson)
06 Martin
07 Adams
09 Unknown
99 Courtesy Exam., Visiting
Examiner or Transfer Cases

50 - Minnesota

00 Shechman
01 Sines
02 Reiter
03 Friberg
04 Weiner
05 Jordan
06 Steele
07 Dupont
08 Stockton

50 - Minnesota (cont.)

09 Unknown
10 Campbell
11 Ireton
99 Courtesy Exam., Visiting
Examiner or Transfer Cases

55 - New York Medical

00 Cohen
01 Gill
02 Gershoff
03 Grossberg
04 Steinman
05 Steinberger
06 Hernandez
07 Casal
08 Cohen & Herrera
09 Unknown
10 Herrera & Casal
11 Casal & Foreman
12 Gershoff & Cohen
13 Foreman
14 Herrera & Foreman
15 Herrera
16 Casal & Gershoff
17 Herrera & Gershoff
18 Foreman & Gershoff
19 Steinberg
20 Steinberg & Hernandez
21 Casal & Cohen
22 Casal & Hernandez
23 Gershoff & Hernandez
24 Gershoff & Steinberg
25 Casal & Steinberg
26 Cohen & Hernandez
27 Breining & Cohen
28 Steinberg & Breining
29 Casal & Breining
30 Hernandez & Breining
31 Gershoff & Breining
32 Cohen & Steinberg
33 Foreman & Cohen
34 Steinberg & Herrera
35 Gershoff & Gill
99 Courtesy Exam., Visiting
Examiner or Transfer Cases

ATTACHMENT B
9-MONTH PSYCHOLOGICAL EXAMINATION
EXAMINERS (cont.)
3rd Revision

60 - Oregon

00 Bulter
01 Kangas
02 Goffeney
03 Sheldon
09 Unknown
99 Courtesy Exam., Visiting
Examiner or Transfer Cases

66 - Pennsylvania

00 Lewis
01 Hamilton
02 Rabb
03 Todd
04 Stein
05 Goldstein
06 Vergara
07 Ting
08 Trigas
09 Unknown
10 Reese
11 Friedman
12 Tienken
13 LaFair
14 Ebby
15 Otterman
16 Findlay
17 Etienne
18 Atkins
19 Schellinger
20 Shachter
21 Mongcal
22 Burroughs
23 Bishop
24 Kerr
25 Wasson
26 Baum
27 Grabill
28 Shashona
29 Mankin
30 McCrann
99 Courtesy Exam., Visiting
Examiner or Transfer Cases

71 - Providence

00 Holden
01 Ruttentberg
02 Uhlinger
03 Simmons
04 Serunian
05 Silverman
06 Pratt
07 Walsh
08 Ellis
09 Unknown
10 Phillips
11 Vikman
12 Zurier
99 Courtesy Exam., Visiting
Examiner or Transfer Cases

82 - Tennessee

00 Von Lackum
01 Poone
02 Khanna J.
03 Khanna P.
04 Spruit
05 Ilardi
06 DeLange
07 Browning
08 Nessa
09 Unknown
99 Courtesy Exam., Visiting
Examiner or Transfer Cases

ITEM NO ON FORM #		BAYLEY SCALES OF MENTAL DEVELOPMENT	BLANK
1	NINDB*	TOTAL SCORE	
	CARD # 1101	MENTAL MOTOR	

PS-1-5 - 62

U-140771 PSYCHOLOGICAL EXAMINATION
FORM PS-1, 3, 6

Item #	On-form *		PS-1			PS-3	PS-4
			TOTAL SCORE OF MENTAL DEVELOP.	BAYLEY SCALES	INFANT BEHAVIOR PROFILE OBSERVATION		
1	*	NINDS [®]					
2		CARD # 2101					
3							
4							
5							
6							
7							
8							
9							

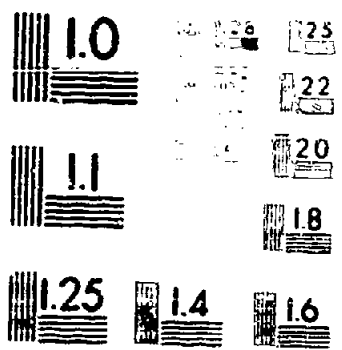
* Item numbers refer to form dated: Rev. 1/61

8-MONTH PSYCHOLOGICAL EXAMINATION
FORM PS-2, *

ITEM # ON FORM	PS-1	PS-2	PS-5
1	TOTAL SCORE BAYLEY SCALES OF MOTOR DEVELOPMENT MATERNAL BEHAVIOR		
2	MENTAL MOTOR BLANK		

* Item numbers refer to form dated: Rev. 1/61

PS-1-5 4 22



MICROCOPY RESOLUTION TEST CHART
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