

CODEBOOK FOR CSSCD FORM NPC
NEUROPSYCHOLOGICAL DATA FORM: CHILD COMPONENT
CSSCD INFANT COHORT PATIENTS

A. Collection Information:

Form NPC (Neuropsychological Data Form: Child Component) was completed at the time of each neuropsychological evaluation during Phases 2 and 3. Beginning at Phase 2 entry in children ≥ 6 years of age at the time of Phase 2 enrollment (or at age 6 in children < 6 years of age at the time of Phase 2 enrollment), CSSCD were to be scheduled every two years for neuropsychological evaluation. Evaluations were to be conducted within six weeks of a CSSCD Magnetic Resonance Imaging (MRI) study (See Section 2.1). Neuropsychological tests to be administered at each assessment point included:

1. Purdue Pegboard (SPA version)
2. Wechsler Intelligence Scale for Children-Revised Edition (WISC-R)
(**during Phase 2** – i.e., before 4/94); Ages 6-15.11

Wechsler Intelligence Scale for Children-Third Edition (WISC-III)
(**during Phase 3** – i.e., after 3/94); Ages 6-15.11

OR

Wechsler Adult Intelligence Scale, Revised (WAIS-R) **during Phase 3**; Ages 16-adult

3. Woodcock-Johnson Revised, Tests of Achievement (WJ-R):
 - Broad Reading Cluster: (22) Letter-Word and (23) Passage Comprehension; (31) Word Attack is optional.
 - Broad Math: (24) Calculation and (25) Applied Problems
4. Woodcock-Johnson, Revised, Tests of Cognitive Ability (**Phase 3 only**)
 - Processing Speed Cluster: Visual Matching (3), Cross Out (10)
 - Short Term Memory Cluster: Memory for Sentences (2), Memory for Words (9)
 - Analysis/Synthesis (7)
 - Spatial Relations (19)
5. Benton Tactile Form Perception Test
6. Beery Developmental Test of Visual-Motor Integration (VMI), Third Revision (**Phase 3 only**)

Administration Instructions:

- A. Study Forms (All study forms were to be completed in black ink or dark pencil,

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so that photocopying for quality control scoring would be clear and readable.)

1. Exclusion Criteria for Neuropsychological Evaluation (NEX)

The NEX was to be completed prior to evaluation by the CSSCD Data Coordinator on the day before the evaluation on the basis of parent report and/or medical chart review. If parent report was suspect, the medical chart was to be reviewed. If any of the questions on the NEX was answered "YES", then the patient was rescheduled for the evaluation.

2. Neuropsychological Data Form: Child Component (NPC)

The NPC is the scoring sheet for the neuropsychological tests administered by the pediatric neuropsychologist. Specific information regarding the scores that should have been entered for each test is provided in section B1-6 below.

3. Accuracy of Assessment Form (ACC) (See Section 2.4)

The ACC was to be completed by the neuropsychologist at the conclusion of each evaluation. As long as the children met the inclusion criteria for CSSCD Phase 2 enrollment, attempts were made to administer all tests to all subjects, regardless of difficulties or disabilities present in the child (e.g., hearing problems, hemiparesis). However, all factors influencing the evaluation were to be listed on the ACC form at the conclusion of the testing.

B. Standardized Tests

1. Purdue Pegboard (SPA version) (A measure of fine motor speed and coordination)

The child evaluation was to begin with the administration of the Purdue Pegboard. There are two versions of this test available, one published by SPA and the other by Layfayette Instrument Company. In this study, the SRA version is to be used.

Tiffin, J. (1987). Purdue Pegboard. Chicago:Science Research Associates.

Ordering Information:
London House
SPA Industrial Testing
9701 West Higgins Road
Rosemont, IL 60018

Before administering the Purdue, a sample of the child's handwriting (e.g., have the child write his/her name) was obtained for the purpose of observing hand dominance. Only the dominant and non-dominant hand

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trials of the Purdue Pegboard were to be administered. Trials for both hands and assembly were not a part of this evaluation.

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- **Scoring and Data Reporting Instructions**

The number of pegs placed in 30 seconds for the dominant and non-dominant hands was to be entered on the NPC form.

- 2 Wechsler Intelligence Scale for Children-Revised Edition (WISC-R) or Third Edition (WISC-III) (Ages 6.0-15.11 years)

or

Wechsler Adult Intelligence Scale, Revised (WAIS-R) (ages 16.0 years-adult)

The age appropriate version of the Wechsler scale was to be used for each evaluation.

Note: In Phase 2 of the CSSCD study, the WISC-R was used. After considerable discussion, it was decided that the WISC-III would be used in Phase 3 of the study because (a) the psychometric relationships between the two versions were acceptable for the research question of this study, and (b) the WISC-III was required by many school systems for placement. Thus, use of the WISC-III increased the clinical utility of the evaluation and the potential benefit to participants.

During Phase 2, the following subscales of the WISC-R were to be administered to all age appropriate subjects: Information, Picture Completion, Similarities, Picture Arrangement, Arithmetic, Block Design, Vocabulary, Object Assembly, Comprehension, Coding, and Digit Span. The Mazes subtest was not to be administered.

During Phase 3, the following subscales of the WISC-III were to be administered to all age appropriate subjects: Information, Picture Completion, Similarities, Picture Arrangement, Arithmetic, Block Design, Vocabulary, Object Assembly, Comprehension, Coding, Symbol Search, and Digit Span. The Mazes subtest was not to be administered.

The following subscales of the WAIS-R were to be administered to all age appropriate subjects:

Information, Picture Completion, Similarities, Picture Arrangement, Arithmetic, Block Design, Vocabulary, Object Assembly, Comprehension, Digit Symbol, and Digit Span.

Ordering Information:
The Psychological Corporation
Order Service Center
P.O. Box 839954
San Antonio, TX 78283-3954
Phone: 1-800-228-0752

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• **Scoring and Data Reporting Instructions**

While variations in administration of these tests sometimes occur for clinical purposes, the administration and scoring instructions were to be followed precisely in CSSCD evaluations.

For the Verbal, Performance, and Full Scale IQ scores, both the sum of scaled scores and the IQ equivalents of sums of scaled scores were to be entered on the NPC form.

For the separate subtests of the WISC-R/WISC-III and WAIS-R, both the child's raw score on the subtest and the scaled score for the raw score corresponding to the child's chronological age were to be entered on the NPC. For instance, a 9-year-old might get 17 correct on the Vocabulary subtest: 17 would then be entered under raw score and 6 under scaled score on the NPC form.

3. Woodcock-Johnson Revised (WJ-R)- Tests of Achievement

The following subtests of the WJR Achievement battery were to be administered:

- i. Broad Reading Cluster: (22) Letter-Word and (23) Passage Comprehension; (31) Word Attack was optional but if administered was not included in the calculation of the Broad Reading Cluster Score.
- ii. Broad Math: (24) Calculation and (25) Applied Problems

Ordering Information:
Clinical Customer Service Department
The Riverside Publishing Company
8420 Bryn Mawr Avenue
Chicago, IL 60631
Phone: 1-800-767-8378

• **Scoring and Data Reporting Instructions**

Administration and scoring instructions for the WJ-R are found in Woodcock, R.W. & Mather, N. (1989). Woodcock-Johnson Tests of Achievement: Standard and Supplemental Batteries-Manual. Allen, TX: DLM Teaching Resources.

In an effort to standardize scoring, all WJR tests were to be scored using the WJR-Compuscore Program. All subtests and cluster scores were to be **age-based**. All WJR raw data forms were sent to SCC at NERI for routing to the University of Miami for central scoring. Numerous errors

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due to hand scoring were detected during Phase 2 of the study.

Scores to be reported on the NPC included the raw score on each subtest and the age-based standard score for each subtest. The raw score was taken directly from the total number correct on the administration form. **This is not the equivalent of the converted W Score.**

4. Woodcock-Johnson Revised, Tests of Cognitive Ability

The following subtests of the Woodcock-Johnson Revised (WJ-R) Tests of Cognitive ability were to be administered:

Processing Speed Cluster
 Visual Matching (3)
 Cross Out (10)
Short Term Memory Cluster
 Memory for Sentences (2)
 Memory for Words (9)
Analysis/Synthesis (7)
Spatial Relations (19)

Ordering Information:
See B.3 above

- **Scoring and Data Reporting Instructions**

See B.3 above

5. Benton Tactile Form Perception Test

The Benton Tactile Form Perception Test was to be administered to all subjects. Complete instructions for administration and scoring are found in:

Benton, A.L., desHansher, K., Varney, N.R., & Spreen, O. (1983). Contributions to Neuropsychological Assessment (pp. 70-83). New York: Oxford University Press.

Many centers had difficulty obtaining this test. However, it was not an optional test. The neuropsychology battery, nonetheless, was to be administered if this test was unavailable.

Ordering Information:
Oxford Press
2001 Evans Road
Cary, NC 27513
1-800-451-7556
FAX: (919) 677-1303

- **Scoring and Data Reporting Instructions**

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The total number of figures correctly identified for the right and left hands were to be entered on the NPC form.

6. Beery Developmental Test of Visual-Motor Integration-Third Revision (VMI-R)

The VMI was to be administered to all age appropriate subjects (ages 6-18) according to the instructions in the test manual.

Ordering Information:
Psychological Assessment Resources, Inc.
P.O. Box 998
Odessa, FL 33556
Phone: 1-800-331-8378

- **Scoring and Data Reporting Instructions**

Raw and standard scores were to be recorded on the data reporting form. All VMI raw data forms were sent to the SCC at NERI for routing to the University of Miami for central scoring.

Clinical Issues

Research vs. Clinical Participation:

It was to be clearly indicated to parents and physicians that participation in this study was related to research, not clinical service. However, parents and the child's attending physician were to be notified of the results of tests if identified "red flags" occurred, so that, if necessary, additional evaluation and intervention from a clinical perspective, based on a fee-for-service model, could be provided. Therefore, while a detailed evaluation report on the data obtained in this study was not required for each subject, a brief summary of the results were to be provided to the parents and the physician for those children where "red flags" were raised. If further evaluation was necessary, it was considered a clinical service, and handled as appropriate in the child's institution.

Red Flags:

To insure that opportunities for more complete evaluation and/or intervention occurred for children in need of special services, the following "red flags" were used to identify "high risk" children in the study.

a. Potential Mental Retardation

Children with a Full Scale IQ of less than 75 were to be identified for further evaluation.

b, Potential Learning Disability

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Children who met either of the following criteria were to be identified for further evaluation:

1. Either WJR age-based standard scores (Broad Reading or Broad Math clusters) 15 or more points lower than FSIQ on the WISC-R, WISC-III, or WAIS-R, with no significant difference (> 14 points) between PIQ and VIQ scores.
- or 2. VIQ and PIQ of WISC-R, WISC-III, or WAIS-R differ by > 14 points and age-based standard scores on either of the WJR clusters are 15 or more points less than the higher of either the PIQ or VIQ of the Wechsler Scales.

B. Data Collection Period: 09/89 – 09/98

One study was performed after 09/30/98.

C. Form Versions: E (10/20/89) – Phase 2

F (10/01/91) – Phase 2

L (06/30/94) – Phase 3

Scores for the Oral Verbal Fluency Test which was administered only during the first part of Phase 2 are included at the end of the codebook and have variable labels ending with '(PH2)'. Scores for this test were not considered reliable and should not be included in analyses of the neuropsychological data.

D. Files Used to Store Information:

SAS System File: **NPC_PUBN.SD2**

Format File: **NPCN.FMT**

E. Unique Record Identifiers: **ANONID, NPCID2**

Records within the dataset are sorted by **ANONID** and **NPCID2**.

F. Number of Observations (Patients) in SAS Dataset: 1178 (422)

The maximum number of studies completed per patient is summarized below.

# of Studies	# of Patients
1	65
2	101
3	117
4	135
5	4

G. Contents of SAS Dataset:

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- Alphabetical Listing of Variables: See pp. 10-14
- Listing of Variables by Position: See pp. 15-19

H. Notes About Selected Variables:

- **NPCID2** – is the follow-up code number identifier which can be used with **ANONID** to link with the corresponding follow-up identifier in datasets that contain other neuropsychological data or MR data – e.g., **NPPID2** in **NPP_PUBN.SD2** (See Section 2.5) , **MRIID2** in **MRI_PUBN.SD2** (See Section 2.1), **ACC_ID2** in **ACC_PUBN.SD2** (See Section 2.4), etc.

I. Computed Variables:

1. WISC-R/WISC-III/WAIS-R tests were scored locally:
 - WISC-R/WISC-III: **NPCSVIQ, NPCIVIQ, NPCSPIQ, NPCIQ, NPCSFSIQ, NPCIFSIQ, NPCRPIC, NPCSPIC, NPCRINFO, NPCSINFO, NPCRCOD, NPCSCOD, NPCRSIM, NPCSSIM, NPCRPARR, NPCSPARR, NPCRARIT, NPCRARIT, NPCRBD, NPCSB, NPCRVOCB, NPCSVOCB, NPCROA, NPCSOA, NPCRDS, NPCSDS**
 - WISC-III (Phase 3 only): **NPCSVC, NPCIVC, NPCSPO, NPCIPO, NPCSFD, NPCIFD, NPCSPS, NPCIPS, NPCRSS, NPCSSS**
 - WAIS-R: **NPASVIQ, NPAIVIQ, NPASPIQ, NPAIQ, NPASFSIQ, NPAIFSIQ, NPARINFO, NPASINFO, NPARDS, NPASDS, NPARVOCB, NPASVOCB, NPARARIT, NPASARIT, NPARCOMP, NPASCOMP, NPARSIM, NPASSIM, NPARPIC, NPASPIC, NPARPARR, NPASPARR, NPARBD, NPASBD, NPAROA, NPASOA, NPARDSYM, NPASDSYM**
2. Woodcock-Johnson Tests of Achievement and Cognitive Ability were scored centrally at the University of Miami:
 - Woodcock-Johnson Tests of Achievement:: **NPCWJARC, NPCWJRLW, NPCWJALW, NPCWJRWA** (optional subtest), **NPCWJRPC, NPCWJAPC, NPCWJAMC, NPCWJRCA, NPCWJACA, NPCWJRAP, NPCWJAAP**
 - Woodcock-Johnson Tests of Cognitive Ability (Phase 3 only): **NPCSPEED, NPCRVM, NPCSVM, NPCRCO, NPCSCO, NPCSTMEM, NPCRSENT,**

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NPCSENT, NPCRWORD, NPCSWORD, NPCRAS, NPCSAS, NPCRSR, NPCSSR

3. The Beery Developmental Test of Visual-Motor Integration (VMI), administered during Phase 3 only, was scored centrally at the University of Miami:
NPCVMIRS, NPCVMISS, NPCVIAY, NPCVMIAM
4. The Purdue Pegboard test was scored locally: **NPCRPEG, NPCLPEG**
5. The Benton Tactile Form Perception Test was scored locally: **NPCRNCOR, NPCLNCOR**
6. The Oral Verbal Fluency Test, although scored centrally at the University of Miami, is not considered a reliable instrument and should not be included in analyses of the neuropsychological data. **NPCOVANP, NPCOVAC, NPCOVAP, NPCOVFNP, NPCOVFC, NPCOVFP**

J. Inter-Relationship With Other Datasets:

- Other data related to neuropsychological assessment of the child were collected on

Form Abbreviation	SAS Dataset	See Section
ACC	ACC_PUBN.SD2	2.4

- Data on and data from tests administered to the parent – biological mother, if possible – were collected on

Form Abbreviation	SAS Dataset	See Section
NPP	NPP_PUBN.SD2	2.5
PVTQ	PVTQPUBN.SD2	2.6
FES	FES_PUBN.SD2	2.7
ACBC	ACBCPUBN.SD2	2.8

- During Phase 3 only, additional psychosocial data were collected on subjects \geq 11 years of age

Form Abbreviation	SAS Dataset	See Section
PRLN	PRLNPUBN.SD2	2.9
LISR	LISR_PUB.SD2	2.10

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ANONI
NPCID

1. Person completing form (Name): _____ **NPCFC** (Initials):

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2. CSSCD code number of person completing form: _____ **NPCCODE**

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3. Date of exam (Month/Day/Year): _____ **NPC_DAT** ____/____/____
4. Exam number _____ **NPCEXAM**

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5. **WECHSLER INTELLIGENCE SCALE FOR CHILDREN - III**
 (FOR SUBJECTS 6-16 YEARS OF AGE)

	A. Sum of Scaled Scores	B. IQ/Index Score						
5.1 Verbal IQ	NPCSVIQ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			
5.2 Performance IQ	NPCSPI <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			
5.3 Full Scale IQ	NPCFSIQ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			
5.4 Verbal Comprehension	NPCSVCI <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.5 Perceptual Organization	NPCSPO <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.6 Freedom from Distractibility	NPCSFD <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.7 Processing Speed	NPCSPS <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
	A. Raw Scores	B. Scaled Scores						
5.8 Picture Completion	NPCRPI <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.9 Information	NPCRINF <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.10 Coding	NPCR COD <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.11 Similarities	NPCR SIM <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.12 Picture Arrangement	NPCR PAR <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.13 Arithmetic	NPCR ARIT <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.14 Block Design	NPCR BD <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.15 Vocabulary	NPCR VOCE <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.16 Object Assembly	NPCR OA <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.17 Comprehension	NPCR COMP <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.18 Symbol Search	NPCR SS <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				
5.19 Digit Span	NPCR DS <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				

6. **WECHSLER ADULT INTELLIGENCE SCALE - REVISED**
 (FOR SUBJECTS 17 YEARS OF AGE AND OLDER)

NPCVER

A. Sum of

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		Scaled Scores	B. IQ Score
6.1 Verbal IQ	NPASVI	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6.2 Performance IQ	NPASPI	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6.3 Full Scale IQ	NPASFSI	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>

		A. Raw Score	B. Scaled Score
6.4 Information	NPARINFO	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6.5 Digit Span	NPARDS	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6.6 Vocabulary	NPARVOCB	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6.7 Arithmetic	NPARARIT	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6.8 Comprehension	NPARCOMP	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6.9 Similarities	NPARSIM	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6.10 Picture Completion	NPARPIC	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6.11 Picture Arrangement	NPARPARR	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6.12 Block Design	NPARBD	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6.13 Object Assembly	NPAROA	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6.14 Digit Symbol	NPARDSYM	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>

7. WOODCOCK-JOHNSON TESTS OF ACHIEVEMENT - REVI:

Achievement Clusters		A. Raw Score	B. Age-Based Standard Score
7.1 Broad Reading Cluster Score			NPCWJARC
a. Letter-Word Identification	NPCWJRLW	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
b. Word Attack	NPCWJRWA	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
c. Passage Comprehension	NPCWJRPC	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
7.2 Broad Mathematics Cluster Score			NPCWJAMC
a. Calculation	NPCWJRCA	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
b. Applied Problems	NPCWJRAP	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>

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*** ENCLOSE TEST FORM ***

8. WOODCOCK-JOHNSON TESTS OF COGNITIVE ABILITY - REVISED

	A. Raw Score	B. Standard Score
8.1 Processing Speed Cluster Score		NPCSPEE <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
a. Visual Matching	NPCRVM <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
b. Cross Out	NPCRCO <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
8.2 Short-Term Memory Cluster Score		NPCSTME <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
a. Memory for Sentences	NPCRSNT <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
b. Memory for Words	NPCRWORD <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
8.3 Analysis/Synthesis	NPCRAS <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
8.4 Spatial Relations	NPCRSR <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>

*** ENCLOSE TEST FORM ***

9. BEERY TEST OF VISUAL-MOTOR INTEGRATION - THIRD REVISION (VMI-R)

9.1 VMI Raw Score	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	NPCVMIRS
9.2 VMI Standard Score	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	NPCVMISS
9.3 VMI Age Equivalent	NPCVMI <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> Years	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> Months

*** ENCLOSE TEST FORM ***

10. PURDUE PEGBOARD

10.1 What is the patient's hand dominance for writing? (CHECK ONE)

NPCHAND

1. RIGHT 2. LEFT 3. CANNOT BE ASSESSED

	Hand	Total Pegs
A. Right	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	NPCRPEG
B. Left	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	NPCLPEG

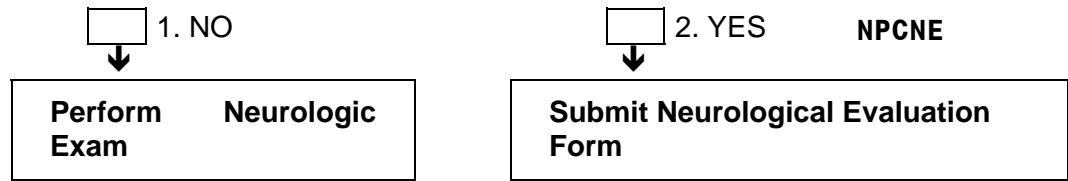
11. TACTILE FORM PERCEPTION TEST

	Hand	Number Correct
A. Right	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	NPCRNCOR
B. Left	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	NPCLNCOR

STATUS OF NEUROLOGICAL EXAM - (to be completed by Physician/Nurse)

12. Has the patient had a neurological evaluation within 3 months of this neuropsychological evaluation?

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Data Set Name: IN.NPC_PUBN	Observations: 1178
Member Type: DATA	Variables: 117
Engine: V6	Indexes: 0
Created: 14:22 Tuesday, February 17, 2004	Observation Length: 923
Last Modified: 14:22 Tuesday, February 17, 2004	Deleted Observations: 0
Protection:	Compressed: NO
Data Set Type:	Sorted: NO
Label:	

-----Engine/Host Dependent Information-----

Data Set Page Size:	16384
Number of Data Set Pages:	71
First Data Page:	1
Max Obs per Page:	17
Obs in First Data Page:	1
Number of Data Set Repairs:	0
File Name:	npc_pun.sd2
Release Created:	6.08.00
Host Created:	WIN

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Format	Informat	Label
<hr/>							
6	AGE17	Num	8	33	2.	2.	5 IS PATIENT >16 YEARS OLD
1	ANONID	Char	8	0			ANONYMIZED ID #
50	NPAIFSIQ	Num	8	385	3.	3.	63B WAISR FULL SCALE IQ IQ SCORE
48	NPAIPIQ	Num	8	369	3.	3.	62B WAISR PERFORMANCE IQ IQ SCORE
46	NPAIVIQ	Num	8	353	3.	3.	61B WAISR VERBAL IQ IQ SCORE
57	NPARARIT	Num	8	441	2.	2.	67A WAISR ARITHMETIC RAW SCORE
67	NPARBD	Num	8	521	2.	2.	612A WAISR BLOCK DESIGN RAW SCORE
59	NPARCOMP	Num	8	457	2.	2.	68A WAISR COMPREHENSION RAW SCORE
53	NPARDS	Num	8	409	2.	2.	65A WAISR DIGIT SPAN RAW SCORE
71	NPARDSYM	Num	8	553	2.	2.	614A WAISR DIGIT SYMBOL RAW SCORE
51	NPARINFO	Num	8	393	2.	2.	64A WAISR INFORMATION RAW SCORE
69	NPAROA	Num	8	537	2.	2.	613A WAISR OBJECT ASSEMBLY RAW SCORE
65	NPARPARR	Num	8	505	2.	2.	611A WAISR PICTURE ARRANGEMENT RAW SCORE
63	NPARPIC	Num	8	489	2.	2.	610A WAISR PICTURE COMPLETION RAW SCORE
61	NPARSIM	Num	8	473	2.	2.	69A WAISR SIMILARITIES RAW SCORE
55	NPARVOCB	Num	8	425	2.	2.	66A WAISR VOCABULARY RAW SCORE
58	NPASARIT	Num	8	449	2.	2.	67B WAISR ARITHMETIC SCALED SCORE
68	NPASBD	Num	8	529	2.	2.	612B WAISR BLOCK DESIGN SCALED SCORE
60	NPASCOMP	Num	8	465	2.	2.	68B WAISR COMPREHENSION SCALED SCORE
54	NPASDS	Num	8	417	2.	2.	65B WAISR DIGIT SPAN SCALED SCORE
72	NPASDSYM	Num	8	561	2.	2.	614B WAISR DIGIT SYMBOL SCALED SCORE
49	NPASFSIQ	Num	8	377	3.	3.	63A WAISR FULL SCALE IQ SCALED SCORE
52	NPASINFO	Num	8	401	2.	2.	64B WAISR INFORMATION SCALED SCORE
70	NPASOA	Num	8	545	2.	2.	613B WAISR OBJECT ASSEMBLY SCALED SCORE
66	NPASPARR	Num	8	513	2.	2.	611B WAISR PICT ARRANGEMENT SCALED SCORE

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64	NPASPIC	Num	8	497	2.	2.	610B WAISR PICTURE COMPLETE SCALE
SCORE							
47	NPASPIQ	Num	8	361	2.	2.	62A WAISR PERFORMANCE IQ SCALED SCORE
62	NPASSIM	Num	8	481	2.	2.	69B WAISR SIMILARITIES SCALED SCORE
45	NPASVIQ	Num	8	345	3.	3.	61A WAISR VERBAL IQ SCALED SCORE

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#	Variable	Type	Len	Pos	Format	Informat	Label
56	NPASVOCB	Num	8	433	2.	2.	66B WAISR VOCABULARY SCALED SCORE
117	NPCABNNE	Num	8	915	2.	2.	WAS NEURO EXAM IN ANY WAY ABNORMAL
(PH2)							
4	NPCBNO	Num	8	17	3.	3.	DATA ENTRY BATCH NUMBER
5	NPCEXAM	Num	8	25	2.	2.	4 EXAM NUMBER
103	NPCHAND	Num	8	809	2.	2.	101 WHATS PTS HAND DOMINANCE FOR
WRITING							
2	NPCID2	Num	8	8	3.	3.	FOLLOW-UP IDENTIFIER
18	NPCIFD	Num	8	129	3.	3.	56B WISC3 FREEDOM DISTRCT INDEX SCORE
12	NPCIFSIQ	Num	8	81	3.	3.	53B WISC-R/3 FULL SCALE IQ INDEX SCORE
10	NPCIQ	Num	8	65	3.	3.	52B WISC-R/3 PERFORMANCE IQ INDEX SCORE
16	NPCIPO	Num	8	113	3.	3.	55B WISC3 PERCEPT ORGANIZE INDEX SCORE
20	NPCIPS	Num	8	145	3.	3.	57B WISC3 PROCESSING SPEED INDEX SCORE
14	NPCIVC	Num	8	97	3.	3.	54B WISC3 VERBAL COMPREHENS INDEX SCORE
8	NPCIVIQ	Num	8	49	3.	3.	51B WISC-R/3 VERBAL IQ INDEX SCORE
107	NPCLNCOR	Num	8	841	2.	2.	11B TACTILE PERCEPTION # CORRECT L HAND
105	NPCLPEG	Num	8	825	2.	2.	101B TOTAL PEGS - LEFT HAND
108	NPCNE	Num	8	849	2.	2.	12 NEURO EVAL W/IN 3 MO THIS EVALUATION
112	NPCOVAC	Num	8	875	2.	2.	OVFT ANIMALS - CONFABULATION (PH2)
111	NPCOVANP	Num	8	867	2.	2.	OVFT ANIMALS - NUMBER PRODUCED (PH2)
113	NPCOVAP	Num	8	883	2.	2.	OVFT ANIMALS - PERSEVERATIONS (PH2)
110	NPCOVERS	Char	2	865			VERSION DATA TRANSCRIBED FROM
115	NPCOVFC	Num	8	899	2.	2.	OVFT FOODS - CONFABULATION (PH2)
114	NPCOVFN	Num	8	891	2.	2.	OVFT FOODS - NUMBER PRODUCED (PH2)
116	NPCOVFP	Num	8	907	2.	2.	OVFT FOODS - PERSEVERATIONS (PH2)
31	NPCRARIT	Num	8	233	2.	2.	513A WISC-R/3 ARITHMETIC RAW SCORE
95	NPCRAS	Num	8	745	2.	2.	83A WJCA ANALYSIS/SYNTHESIS RAW SCORE
33	NPCRB	Num	8	249	2.	2.	514A WISC-R/3 BLOCK DESIGN RAW SCORE
88	NPCRCO	Num	8	689	2.	2.	81BA WJCA CROSS OUT RAW SCORE
25	NPCRCOD	Num	8	185	2.	2.	510A WISC-R/3 CODING RAW SCORE
39	NPCRCOMP	Num	8	297	2.	2.	517A WISC-R/3 COMPREHENSION RAW SCORE
43	NPCRDS	Num	8	329	2.	2.	519A WISC-R/3 DIGIT SPAN RAW SCORE
23	NPCRINFO	Num	8	169	2.	2.	59A WISC-R/3 INFORMATION RAW SCORE
106	NPCRNCOR	Num	8	833	2.	2.	11A TACTILE PERCEPTION # CORRECT R HAND
37	NPCROA	Num	8	281	2.	2.	516A WISC-R/3 OBJECT ASSEMBLY RAW SCORE
29	NPCRPARR	Num	8	217	2.	2.	512A WISC-R/3 PICTR ARRANGEMNT RAW
SCORE							
104	NPCRPEG	Num	8	817	2.	2.	101A TOTAL PEGS - RIGHT HAND
21	NPCRPI	Num	8	153	2.	2.	58A WISC-R/3 PICTR COMPLETION RAW SCORE
91	NPCRSNT	Num	8	713	2.	2.	82AA WJCA MEMORY FOR SENTENCES RAW
SCORE							
27	NPCRSIM	Num	8	201	2.	2.	511A WISC-R/3 SIMILARITIES RAW SCORE
97	NPCRSR	Num	8	761	2.	2.	84A WJCA SPATIAL RELATIONS RAW SCORE
41	NPCRSS	Num	8	313	2.	2.	518A WISC3 SYMBOL SEARCH RAW SCORE
86	NPCRV	Num	8	673	2.	2.	81AA WJCA VISUAL MATCHING RAW SCORE
35	NPCRVOCB	Num	8	265	2.	2.	515A WISC-R/3 VOCABULARY RAW SCORE
93	NPCRW	Num	8	729	2.	2.	82BA WJCA MEMORY FOR WORDS RAW SCORE
32	NPCRSARIT	Num	8	241	2.	2.	513B WISC-R/3 ARITHMETIC SCALED SCORE
96	NPCRSAS	Num	8	753	3.	3.	83B WJCA ANALYSIS/SYNTHESIS STD SCORE
34	NPCRSBD	Num	8	257	2.	2.	514B WISC-R/3 BLOCK DESIGN SCALED SCORE
89	NPCRS	Num	8	697	3.	3.	81BB WJCA CROSS OUT STD SCORE
26	NPCRS	Num	8	193	2.	2.	510B WISC-R/3 CODING SCALED SCORE

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40	NPCSCOMP	Num	8	305	2.	2.	517B WISC-R/3 COMPREHENSION SCALED
SCORE							
44	NPCSDS	Num	8	337	2.	2.	519B WISC-R/3 DIGIT SPAN SCALED SCORE
17	NPCSF	Num	8	121	2.	2.	56A WISC3 FREEDOM DISTRCT SCALED SCORE
11	NPCSF	Num	8	73	3.	3.	53A WISC-R/3 FULL SCALE IQ SCALED SCORE

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#	Variable	Type	Len	Pos	Format	Informat	Label
24	NPCSINFO	Num	8	177	2.	2.	59B WISC-R/3 INFORMATION SCALED SCORE
38	NPCSOA	Num	8	289	2.	2.	516B WISC-R/3 OBJ ASSEMBLY SCALED SCORE
30	NPCSPARR	Num	8	225	2.	2.	512B WISC-R/3 PICTR ARRANGE SCALED SCORE
85	NPCSPPEED	Num	8	665	3.	3.	81B WJCA PROCESS SPEED CLUSTER STD
22	NPCSPIC	Num	8	161	2.	2.	58B WISC-R/3 PICTR COMPLET SCALED SCORE
9	NPCSPIQ	Num	8	57	3.	3.	52A WISC-R/3 PERFORMANCE IQ SCALED SCORE
15	NPCSPPO	Num	8	105	2.	2.	55A WISC3 PERCEPT ORGANIZE SCALED SCORE
19	NPCSPS	Num	8	137	2.	2.	57A WISC3 PROCESSING SPEED SCALED SCORE
92	NPCSSSENT	Num	8	721	3.	3.	82AB WJCA MEMORY FOR SENTENCES STD
28	NPCSSSIM	Num	8	209	2.	2.	511B WISC-R/3 SIMILARITIES SCALED SCORE
98	NPCSSR	Num	8	769	3.	3.	84B WJCA SPATIAL RELATIONS STD SCORE
42	NPCSSS	Num	8	321	2.	2.	518B WISC3 SYMBOL SEARCH SCALED SCORE
90	NPCSTMEM	Num	8	705	3.	3.	82B WJCA SHRT TRM MEMORY CLUST STD
13	NPCSVVC	Num	8	89	2.	2.	54A WISC3 VERBAL COMPREHENS SCALED SCORE
7	NPCSVIQ	Num	8	41	3.	3.	51A WISC-R/3 VERBAL IQ SCALED SCORE
87	NPCSVVM	Num	8	681	3.	3.	81AB WJCA VISUAL MATCHING STD SCORE
36	NPCSVOCB	Num	8	273	2.	2.	515B WISC-R/3 VOCABULARY SCALED SCORE
94	NPCSWORD	Num	8	737	3.	3.	82BB WJCA MEMORY FOR WORDS STD SCORE
109	NPCTRNSC	Num	8	857	2.	2.	DATA TRANSCRIBED FROM OLDER VERSION FORM VERSION
3	NPCTVERS	Char	1	16			
102	NPCVMIAM	Num	8	801	2.	2.	93B VMI AGE EQUIVALENT MONTHS
101	NPCVMIAY	Num	8	793	2.	2.	93A VMI AGE EQUIVALENT YEARS
99	NPCVMIRS	Num	8	777	2.	2.	91 VMI RAW SCORE
100	NPCVMISS	Num	8	785	3.	3.	92 VMI STANDARD SCORE
84	NPCWJAAP	Num	8	657	3.	3.	72BB WJACH APP PROBS AGE BASED STD
82	NPCWJACA	Num	8	641	3.	3.	72AB WJACH CALCULATN AGE BASED STD
75	NPCWJALW	Num	8	585	3.	3.	71AB WJACH LETTER WRD AGE BASE STD
80	NPCWJAMC	Num	8	625	3.	3.	72B WJACH BROAD MATH AGE BASED STD
79	NPCWJAPC	Num	8	617	3.	3.	71CB WJACH PASS COMP AGE BASED STD
73	NPCWJARC	Num	8	569	3.	3.	71B WJACH BROAD READ AGE BASED STD
77	NPCWJAWA	Num	8	601	3.	3.	71BB WJACH WRD ATTACK AGE BASE STD
83	NPCWJRAP	Num	8	649	3.	3.	72BA WJACH APPLIED PROBLEMS RAW SCORE
81	NPCWJRCA	Num	8	633	3.	3.	72AA WJACH CALCULATION RAW SCORE
74	NPCWJRLW	Num	8	577	3.	3.	71AA WJACH LETTER WORD INDENT RAW SCORE
78	NPCWJRPC	Num	8	609	3.	3.	71CA WJACH PASSAGE COMPREHENSN RAW SCORE
76	NPCWJRW	Num	8	593	3.	3.	71BA WJACH WORD ATTACK RAW SCORE

CODEBOOK FOR CSSCD FORM NPC
NEUROPSYCHOLOGICAL DATA FORM: CHILD COMPONENT
CSSCD INFANT COHORT PATIENTS

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

```
PROC FORMAT;
```

```
* FORMAT N_Y IS DEFINED FOR VARIABLES: AGE17 NPCNE NPCTRNSC NPCABNNE;
```

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

```
VALUE NPCHAND  1='RIGHT'  
               2='LEFT'  
               3='CANNOT BE ASSESSED';
```

```
format AGE17 NPCNE NPCTRNSC NPCABNNE N_Y.  
       NPCHAND NPCHAND.;
```

```
run;  
quit;
```

CODEBOOK FOR CSSCD FORM NPC
NEUROPSYCHOLOGICAL DATA FORM: CHILD COMPONENT - PAGE 1
CSSCD INFANT COHORT PATIENTS

NPCID2 ----- FOLLOW-UP IDENTIFIER

type: numeric (float)

range: [1,17] units: 1
unique values: 10 coded missing: 0 / 1178

tabulation:	Freq.	Value
	258	1
	325	5
	3	7
	5	9
	2	10
	325	11
	3	12
	210	13
	17	15
	30	17

NPCVERS ----- FORM VERSION

type: string (str1)

unique values: 3 coded missing: 0 / 1178

tabulation:	Freq.	Value
	276	"E"
	316	"F"
	586	"L"

NPCEXAM ----- 4 EXAM NUMBER

type: numeric (float)

range: [1,5] units: 1
unique values: 5 coded missing: 0 / 1178

tabulation:	Freq.	Value
	422	1
	357	2
	256	3
	139	4
	4	5

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 CSSCD INFANT COHORT PATIENTS

AGE17 ----- 5 IS PATIENT >16 YEARS OLD

type: numeric (float)
 label: AGE17

range: [1,2] units: 1
 unique values: 2 coded missing: 592 / 1178

tabulation:	Freq.	Numeric	Label
	559	1	NO
	27	2	YES

AGE17:
 1. Required only if NPCVERS='L.'

NPCSVIQ ----- 51A WISC-R/3 VERBAL IQ SCALED SCORE

type: numeric (float)

range: [5,99] units: 1
 unique values: 74 coded missing: 53 / 1178

mean: 38.4676
 std. dev: 13.0892

percentiles:	10%	25%	50%	75%	90%
	21	29	38	47	55

NPCSVIQ:
 1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
 2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCIVIQ ----- 51B WISC-R/3 VERBAL IQ INDEX SCORE

type: numeric (float)

range: [46,146] units: 1
 unique values: 79 coded missing: 36 / 1178

mean: 86.155
 std. dev: 15.0344

percentiles:	10%	25%	50%	75%	90%
	66	76	86	95	105

NPCIVIQ:
 1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
 2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

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NPCSPIQ ----- 52A WISC-R/3 PERFORMANCE IQ SCALED SCORE

type: numeric (float)

range: [5,106] units: 1
unique values: 70 coded missing: 55 / 1178

mean: 40.8905
std. dev: 11.7007

percentiles:	10%	25%	50%	75%	90%
	26	33	41	49	56

NPCSPIQ:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCIIPIQ ----- 52B WISC-R/3 PERFORMANCE IQ INDEX SCORE

type: numeric (float)

range: [46,136] units: 1
unique values: 78 coded missing: 37 / 1178

mean: 88.0789
std. dev: 14.5345

percentiles:	10%	25%	50%	75%	90%
	70	78	87	98	107

NPCIIPIQ:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCSFISIQ ----- 53A WISC-R/3 FULL SCALE IQ SCALED SCORE

type: numeric (float)

range: [10,171] units: 1
unique values: 117 coded missing: 55 / 1178

mean: 79.3446
std. dev: 22.0854

percentiles:	10%	25%	50%	75%	90%
	51	64	79	94	108

NPCSFISIQ:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

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NPCIFSIQ ----- 53B WISC-R/3 FULL SCALE IQ INDEX SCORE

type: numeric (float)

range: [40,138] units: 1
unique values: 81 coded missing: 37 / 1178

mean: 85.9606
std. dev: 14.3375

percentiles:	10%	25%	50%	75%	90%
	68	76	85	95	105

NPCIFSIQ:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCSVL ----- 54A WISC3 VERBAL COMPREHENS SCALED SCORE

type: numeric (float)

range: [4,53] units: 1
unique values: 50 coded missing: 649 / 1178

mean: 27.7467
std. dev: 10.4606

percentiles:	10%	25%	50%	75%	90%
	13	20	28	35	42

NPCSVL:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.
3. Required only if AGE17=1.

NPCIVC ----- 54B WISC3 VERBAL COMPREHENS INDEX SCORE

type: numeric (float)

range: [0,118] units: 1
unique values: 51 coded missing: 642 / 1178

mean: 83.2257
std. dev: 15.0396

percentiles:	10%	25%	50%	75%	90%
	64	73	84	93	102

NPCIVC:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.
3. Required only if AGE17=1.

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CSSCD INFANT COHORT PATIENTS

NPCSP0 ----- 55A WISC3 PERCEPT ORGANIZE SCALED SCORE

type: numeric (float)

range: [4,60] units: 1
unique values: 54 coded missing: 650 / 1178

mean: 29.7405
std. dev: 10.3223

percentiles:	10%	25%	50%	75%	90%
	16	22	29	37	43

NPCSP0:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.
3. Required only if AGE17=1.

NPCIP0 ----- 55B WISC3 PERCEPT ORGANIZE INDEX SCORE

type: numeric (float)

range: [0,131] units: 1
unique values: 54 coded missing: 643 / 1178

mean: 85.1963
std. dev: 16.1183

percentiles:	10%	25%	50%	75%	90%
	65	75	85	96	105

NPCIP0:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.
3. Required only if AGE17=1.

NPCSF0 ----- 56A WISC3 FREEDOM DISTRCT SCALED SCORE

type: numeric (float)

range: [2,33] units: 1
unique values: 30 coded missing: 650 / 1178

mean: 16.3807
std. dev: 4.91261

percentiles:	10%	25%	50%	75%	90%
	11	13	16	20	23

NPCSF0:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.
3. Required only if AGE17=1.

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NPCIFD ----- 56B WISC3 FREEDOM DISTRCT INDEX SCORE

type: numeric (float)

range: [0,137] units: 1
unique values: 34 coded missing: 643 / 1178

mean: 90.2037
std. dev: 14.5884

percentiles:	10%	25%	50%	75%	90%
	72	81	90	98	109

NPCIFD:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.
3. Required only if AGE17=1.

NPCSPS ----- 57A WISC3 PROCESSING SPEED SCALED SCORE

type: numeric (float)

range: [2,36] units: 1
unique values: 33 coded missing: 661 / 1178

mean: 16.0986
std. dev: 5.71954

percentiles:	10%	25%	50%	75%	90%
	9	12	16	20	24

NPCSPS:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.
3. Required only if AGE17=1.

NPCIPS ----- 57B WISC3 PROCESSING SPEED INDEX SCORE

type: numeric (float)

range: [0,143] units: 1
unique values: 41 coded missing: 654 / 1178

mean: 90.3435
std. dev: 15.7181

percentiles:	10%	25%	50%	75%	90%
	72	80	91	100	111

NPCIPS:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.
3. Required only if AGE17=1.

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NPCRPICT ----- 58A WISC-R/3 PICTR COMPLETION RAW SCORE

type: numeric (float)

range: [1,29] units: 1
unique values: 29 coded missing: 33 / 1178

mean: 16.0934
std. dev: 5.11622

percentiles:	10%	25%	50%	75%	90%
	9	13	16	20	22

NPCRPICT:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCSPIC ----- 58B WISC-R/3 PICTR COMPLET SCALED SCORE

type: numeric (float)

range: [1,18] units: 1
unique values: 18 coded missing: 33 / 1178

mean: 8.64716
std. dev: 3.0943

percentiles:	10%	25%	50%	75%	90%
	5	7	9	11	13

NPCSPIC:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCRINFO ----- 59A WISC-R/3 INFORMATION RAW SCORE

type: numeric (float)

range: [0,26] units: 1
unique values: 27 coded missing: 33 / 1178

mean: 10.8821
std. dev: 4.83206

percentiles:	10%	25%	50%	75%	90%
	5	7	11	14	17

NPCRINFO:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

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NPCINFO ----- 59B WISC-R/3 INFORMATION SCALED SCORE

type: numeric (float)

range: [1,17] units: 1
unique values: 17 coded missing: 34 / 1178

mean: 7.22028
std. dev: 3.05998

percentiles:	10%	25%	50%	75%	90%
	3	5	7	9	11

NPCINFO:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCRCOD ----- 510A WISC-R/3 CODING RAW SCORE

type: numeric (float)

range: [6,80] units: 1
unique values: 73 coded missing: 40 / 1178

mean: 39.3093
std. dev: 13.1733

percentiles:	10%	25%	50%	75%	90%
	23	30	38	47	57

NPCRCOD:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCSCOD ----- 510B WISC-R/3 CODING SCALED SCORE

type: numeric (float)

range: [1,19] units: 1
unique values: 19 coded missing: 40 / 1178

mean: 8.51757
std. dev: 3.3181

percentiles:	10%	25%	50%	75%	90%
	5	6	8	11	13

NPCSCOD:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

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NPCRSIM ----- 511A WISC-R/3 SIMILARITIES RAW SCORE

type: numeric (float)

range: [0,30] units: 1
unique values: 30 coded missing: 33 / 1178

mean: 11.2131
std. dev: 5.85847

percentiles:	10%	25%	50%	75%	90%
	4	8	11	15	19

NPCRSIM:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCSSIM ----- 511B WISC-R/3 SIMILARITIES SCALED SCORE

type: numeric (float)

range: [1,19] units: 1
unique values: 19 coded missing: 34 / 1178

mean: 7.93007
std. dev: 3.37901

percentiles:	10%	25%	50%	75%	90%
	3	6	8	10	12

NPCSSIM:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCRPARR ----- 512A WISC-R/3 PICTR ARRANGEMNT RAW SCORE

type: numeric (float)

range: [0,95] units: 1
unique values: 57 coded missing: 34 / 1178

mean: 21.9327
std. dev: 11.8514

percentiles:	10%	25%	50%	75%	90%
	4	13	22	30	37

NPCRPARR:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

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NPCSPARR ----- 512B WISC-R/3 PICTR ARRANGE SCALED SCORE

type: numeric (float)

range: [1,19] units: 1
unique values: 19 coded missing: 34 / 1178

mean: 8.46853
std. dev: 3.44522

percentiles:	10%	25%	50%	75%	90%
	4	6	9	11	13

NPCSPARR:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCRARIT ----- 513A WISC-R/3 ARITHMETIC RAW SCORE

type: numeric (float)

range: [0,27] units: 1
unique values: 28 coded missing: 34 / 1178

mean: 11.8086
std. dev: 4.80768

percentiles:	10%	25%	50%	75%	90%
	5	8	12	15	17

NPCRARIT:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCSARIT ----- 513B WISC-R/3 ARITHMETIC SCALED SCORE

type: numeric (float)

range: [1,19] units: 1
unique values: 18 coded missing: 35 / 1178

mean: 7.93176
std. dev: 2.87246

percentiles:	10%	25%	50%	75%	90%
	5	6	8	10	11

NPCSARIT:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

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NPCRBD ----- 514A WISC-R/3 BLOCK DESIGN RAW SCORE

type: numeric (float)

range: [0,65] units: 1
unique values: 64 coded missing: 33 / 1178

mean: 21.5555
std. dev: 14.5679

percentiles:	10%	25%	50%	75%	90%
	5	10	19	32	44

NPCRBD:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCSBD ----- 514B WISC-R/3 BLOCK DESIGN SCALED SCORE

type: numeric (float)

range: [1,18] units: 1
unique values: 18 coded missing: 33 / 1178

mean: 7.52052
std. dev: 3.15006

percentiles:	10%	25%	50%	75%	90%
	3	5	8	10	11

NPCSBD:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCRVOCB ----- 515A WISC-R/3 VOCABULARY RAW SCORE

type: numeric (float)

range: [0,49] units: 1
unique values: 48 coded missing: 35 / 1178

mean: 22.2301
std. dev: 8.32066

percentiles:	10%	25%	50%	75%	90%
	12	16	22	28	33

NPCRVOCB:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

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NPCSVOCB ----- 515B WISC-R/3 VOCABULARY SCALED SCORE

type: numeric (float)

range: [1,19] units: 1
unique values: 19 coded missing: 36 / 1178

mean: 7.44221
std. dev: 3.09274

percentiles:	10%	25%	50%	75%	90%
	3	5	8	9	11

NPCSVOCB:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCROA ----- 516A WISC-R/3 OBJECT ASSEMBLY RAW SCORE

type: numeric (float)

range: [1,41] units: 1
unique values: 40 coded missing: 36 / 1178

mean: 18.0245
std. dev: 8.43625

percentiles:	10%	25%	50%	75%	90%
	8	12	17	24	30

NPCROA:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCSOA ----- 516B WISC-R/3 OBJ ASSEMBLY SCALED SCORE

type: numeric (float)

range: [1,18] units: 1
unique values: 18 coded missing: 36 / 1178

mean: 7.52452
std. dev: 3.01076

percentiles:	10%	25%	50%	75%	90%
	4	5	8	10	11

NPCSOA:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

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NPCRCOMP ----- 517A WISC-R/3 COMPREHENSION RAW SCORE

type: numeric (float)

range: [0,34] units: 1
unique values: 32 coded missing: 36 / 1178

mean: 14.5648
std. dev: 6.32447

percentiles:	10%	25%	50%	75%	90%
	6	10	14	19	23

NPCRCOMP:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCSCOMP ----- 517B WISC-R/3 COMPREHENSION SCALED SCORE

type: numeric (float)

range: [1,18] units: 1
unique values: 18 coded missing: 37 / 1178

mean: 7.67572
std. dev: 3.09357

percentiles:	10%	25%	50%	75%	90%
	3	6	8	10	12

NPCSCOMP:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCRSS ----- 518A WISC3 SYMBOL SEARCH RAW SCORE

type: numeric (float)

range: [0,42] units: 1
unique values: 41 coded missing: 647 / 1178

mean: 21.3352
std. dev: 7.5987

percentiles:	10%	25%	50%	75%	90%
	12	16	21	26	31

NPCRSS:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.
3. Required only if AGE17=1.

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NPCSSS ----- 518B WISC3 SYMBOL SEARCH SCALED SCORE

type: numeric (float)

range: [0,19] units: 1
unique values: 20 coded missing: 646 / 1178

mean: 8.21992
std. dev: 3.49637

percentiles:	10%	25%	50%	75%	90%
	4	6	8	10	13

NPCSSS:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.
3. Required only if AGE17=1.

NPCRDS ----- 519A WISC-R/3 DIGIT SPAN RAW SCORE

type: numeric (float)

range: [0,28] units: 1
unique values: 27 coded missing: 56 / 1178

mean: 11.0018
std. dev: 4.11412

percentiles:	10%	25%	50%	75%	90%
	6	8	11	13	16

NPCRDS:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

NPCSDS ----- 519B WISC-R/3 DIGIT SPAN SCALED SCORE

type: numeric (float)

range: [0,19] units: 1
unique values: 20 coded missing: 56 / 1178

mean: 8.92157
std. dev: 3.01869

percentiles:	10%	25%	50%	75%	90%
	5	7	9	11	13

NPCSDS:

1. Required if NPCVERS='E' or 'F' or ('L' and AGE17=1).
2. WISC-R administered before 4/94, WISC-3 administered after 3/94.

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NPASVIQ ----- 61A WAISR VERBAL IQ SCALED SCORE

type: numeric (float)

range: [25,70] units: 1
unique values: 16 coded missing: 1153 / 1178

mean: 40.72
std. dev: 11.2787

percentiles:	10%	25%	50%	75%	90%
	31	32	37	44	55

NPASVIQ:

1. Required only if NPCVERS='L' and AGE17=2.

NPAIVIQ ----- 61B WAISR VERBAL IQ IQ SCORE

type: numeric (float)

range: [70,124] units: 1
unique values: 16 coded missing: 1153 / 1178

mean: 87
std. dev: 13.1371

percentiles:	10%	25%	50%	75%	90%
	76	78	83	88	105

NPAIVIQ:

1. Required only if NPCVERS='L' and AGE17=2.

NPASPIQ ----- 62A WAISR PERFORMANCE IQ SCALED SCORE

type: numeric (float)

range: [26,58] units: 1
unique values: 15 coded missing: 1153 / 1178

mean: 38.72
std. dev: 8.42378

percentiles:	10%	25%	50%	75%	90%
	32	32	36	42	53

NPASPIQ:

1. Required only if NPCVERS='L' and AGE17=2.

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NPAIQ ----- 62B WAISR PERFORMANCE IQ IQ SCORE

type: numeric (float)

range: [70,116] units: 1
unique values: 15 coded missing: 1153 / 1178

mean: 86.56
std. dev: 12.4301

percentiles:	10%	25%	50%	75%	90%
	76	76	83	91	108

NPAIQ:

1. Required only if NPCVERS='L' and AGE17=2.

NPASFSIQ ----- 63A WAISR FULL SCALE IQ SCALED SCORE

type: numeric (float)

range: [40,127] units: 1
unique values: 22 coded missing: 1153 / 1178

mean: 77.76
std. dev: 20.3394

percentiles:	10%	25%	50%	75%	90%
	57	65	74	83	103

NPASFSIQ:

1. Required only if NPCVERS='L' and AGE17=2.

NPAIFSIQ ----- 63B WAISR FULL SCALE IQ IQ SCORE

type: numeric (float)

range: [70,120] units: 1
unique values: 19 coded missing: 1153 / 1178

mean: 85.8
std. dev: 13.1403

percentiles:	10%	25%	50%	75%	90%
	74	78	83	89	104

NPAIFSIQ:

1. Required only if NPCVERS='L' and AGE17=2.

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NPARINFO ----- 64A WAISR INFORMATION RAW SCORE

type: numeric (float)

range: [3,19] units: 1
unique values: 12 coded missing: 1153 / 1178

mean: 9.12
std. dev: 5.07707

percentiles:	10%	25%	50%	75%	90%
	4	4	8	14	16

NPARINFO:

1. Required only if NPCVERS='L' and AGE17=2.

NPASINFO ----- 64B WAISR INFORMATION SCALED SCORE

type: numeric (float)

range: [2,10] units: 1
unique values: 8 coded missing: 1154 / 1178

mean: 5.33333
std. dev: 2.18028

percentiles:	10%	25%	50%	75%	90%
	3	3	5	7	8

NPASINFO:

1. Required only if NPCVERS='L' and AGE17=2.

NPARDS ----- 65A WAISR DIGIT SPAN RAW SCORE

type: numeric (float)

range: [8,23] units: 1
unique values: 12 coded missing: 1153 / 1178

mean: 14.04
std. dev: 4.08738

percentiles:	10%	25%	50%	75%	90%
	8	11	14	15	20

NPARDS:

1. Required only if NPCVERS='L' and AGE17=2.

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NPASDS ----- 65B WAISR DIGIT SPAN SCALED SCORE

type: numeric (float)

range: [5,14] units: 1
unique values: 9 coded missing: 1154 / 1178

mean: 8.95833
std. dev: 2.66179

percentiles:	10%	25%	50%	75%	90%
	5	7	9	10	13

NPASDS:

1. Required only if NPCVERS='L' and AGE17=2.

NPARVOCB ----- 66A WAISR VOCABULARY RAW SCORE

type: numeric (float)

range: [12,42] units: 1
unique values: 13 coded missing: 1153 / 1178

mean: 20.36
std. dev: 8.3859

percentiles:	10%	25%	50%	75%	90%
	13	15	18	21	37

NPARVOCB:

1. Required only if NPCVERS='L' and AGE17=2.

NPASVOCB ----- 66B WAISR VOCABULARY SCALED SCORE

type: numeric (float)

range: [4,8] units: 1
unique values: 5 coded missing: 1154 / 1178

mean: 5.45833
std. dev: 1.25036

percentiles:	10%	25%	50%	75%	90%
	4	5	5	6	8

NPASVOCB:

1. Required only if NPCVERS='L' and AGE17=2.

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NPARRIT ----- 67A WAISR ARITHMETIC RAW SCORE

type: numeric (float)

range: [3,18] units: 1
unique values: 12 coded missing: 1153 / 1178

mean: 8.04
std. dev: 3.36006

percentiles:	10%	25%	50%	75%	90%
	5	6	7	9	13

NPARRIT:

1. Required only if NPCVERS='L' and AGE17=2.

NPASARIT ----- 67B WAISR ARITHMETIC SCALED SCORE

type: numeric (float)

range: [3,11] units: 1
unique values: 8 coded missing: 1154 / 1178

mean: 6.58333
std. dev: 1.86307

percentiles:	10%	25%	50%	75%	90%
	5	6	6	7	9

NPASARIT:

1. Required only if NPCVERS='L' and AGE17=2.

NPARCOMP ----- 68A WAISR COMPREHENSION RAW SCORE

type: numeric (float)

range: [4,25] units: 1
unique values: 13 coded missing: 1153 / 1178

mean: 11.8
std. dev: 5.32291

percentiles:	10%	25%	50%	75%	90%
	4	8	11	14	18

NPARCOMP:

1. Required only if NPCVERS='L' and AGE17=2.

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NPASCOMP ----- 68B WAISR COMPREHENSION SCALED SCORE

type: numeric (float)

range: [3,12] units: 1
unique values: 8 coded missing: 1154 / 1178

mean: 6
std. dev: 2.12644

percentiles:	10%	25%	50%	75%	90%
	3	5	6	7	8

NPASCOMP:

1. Required only if NPCVERS='L' and AGE17=2.

NPARSIM ----- 69A WAISR SIMILARITIES RAW SCORE

type: numeric (float)

range: [7,39] units: 1
unique values: 14 coded missing: 1153 / 1178

mean: 15.68
std. dev: 6.54294

percentiles:	10%	25%	50%	75%	90%
	10	12	14	18	20

NPARSIM:

1. Required only if NPCVERS='L' and AGE17=2.

NPASSIM ----- 69B WAISR SIMILARITIES SCALED SCORE

type: numeric (float)

range: [5,15] units: 1
unique values: 7 coded missing: 1154 / 1178

mean: 7.41667
std. dev: 2.32036

percentiles:	10%	25%	50%	75%	90%
	5	6	6.5	8.5	10

NPASSIM:

1. Required only if NPCVERS='L' and AGE17=2.

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NPARPIC ----- 610A WAISR PICTURE COMPLETION RAW SCORE

type: numeric (float)

range: [6,52] units: 1
unique values: 12 coded missing: 1153 / 1178

mean: 14.16
std. dev: 8.38987

percentiles:	10%	25%	50%	75%	90%
	10	11	13	15	17

NPARPIC:

1. Required only if NPCVERS='L' and AGE17=2.

NPASPIC ----- 610B WAISR PICTURE COMPLETE SCALE SCORE

type: numeric (float)

range: [4,12] units: 1
unique values: 9 coded missing: 1154 / 1178

mean: 7.16667
std. dev: 2.20013

percentiles:	10%	25%	50%	75%	90%
	5	5.5	6.5	8.5	11

NPASPIC:

1. Required only if NPCVERS='L' and AGE17=2.

NPARPARR ----- 611A WAISR PICTURE ARRANGEMENT RAW SCORE

type: numeric (float)

range: [3,31] units: 1
unique values: 14 coded missing: 1153 / 1178

mean: 12.16
std. dev: 5.17752

percentiles:	10%	25%	50%	75%	90%
	8	10	12	13	17

NPARPARR:

1. Required only if NPCVERS='L' and AGE17=2.

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NPASPARR ----- 611B WAISR PICT ARRANGEMENT SCALED SCORE

type: numeric (float)

range: [5,13] units: 1
unique values: 9 coded missing: 1154 / 1178

mean: 8.375
std. dev: 1.9068

percentiles:	10%	25%	50%	75%	90%
	7	7	8	9	11

NPASPARR:

1. Required only if NPCVERS='L' and AGE17=2.

NPARBBD ----- 612A WAISR BLOCK DESIGN RAW SCORE

type: numeric (float)

range: [2,40] units: 1
unique values: 17 coded missing: 1154 / 1178

mean: 19.9583
std. dev: 9.30862

percentiles:	10%	25%	50%	75%	90%
	10	14	19	22.5	38

NPARBBD:

1. Required only if NPCVERS='L' and AGE17=2.

NPASBD ----- 612B WAISR BLOCK DESIGN SCALED SCORE

type: numeric (float)

range: [3,12] units: 1
unique values: 7 coded missing: 1154 / 1178

mean: 6.95833
std. dev: 2.29326

percentiles:	10%	25%	50%	75%	90%
	5	6	6	7.5	12

NPASBD:

1. Required only if NPCVERS='L' and AGE17=2.

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NPARGA ----- 613A WAISR OBJECT ASSEMBLY RAW SCORE

type: numeric (float)

range: [10,37] units: 1
unique values: 20 coded missing: 1154 / 1178

mean: 21.6667
std. dev: 7.45226

percentiles:	10%	25%	50%	75%	90%
	13	16.5	20.5	28	33

NPARGA:

1. Required only if NPCVERS='L' and AGE17=2.

NPASOA ----- 613B WAISR OBJECT ASSEMBLY SCALED SCORE

type: numeric (float)

range: [3,13] units: 1
unique values: 10 coded missing: 1154 / 1178

mean: 6.25
std. dev: 2.54097

percentiles:	10%	25%	50%	75%	90%
	4	5	5.5	7.5	10

NPASOA:

1. Required only if NPCVERS='L' and AGE17=2.

NPARDSYM ----- 614A WAISR DIGIT SYMBOL RAW SCORE

type: numeric (float)

range: [31,93] units: 1
unique values: 19 coded missing: 1154 / 1178

mean: 54.4167
std. dev: 14.0339

percentiles:	10%	25%	50%	75%	90%
	40	44	51.5	64.5	70

NPARDSYM:

1. Required only if NPCVERS='L' and AGE17=2.

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NPASDSYM ----- 614B WAISR DIGIT SYMBOL SCALED SCORE

type: numeric (float)

range: [2,19] units: 1
unique values: 11 coded missing: 1154 / 1178

mean: 8.66667
std. dev: 3.48496

percentiles:	10%	25%	50%	75%	90%
	6	6	8	10.5	13

NPASDSYM:

1. Required only if NPCVERS='L' and AGE17=2.

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NPCWJARC ----- 71B WJACH BROAD READ AGE BASED STD SCORE

type: numeric (float)

range: [19,150] units: 1
 unique values: 106 coded missing: 28 / 1178

mean: 90.447
 std. dev: 18.6782

percentiles:	10%	25%	50%	75%	90%
	67	80	91	102	113.5

NPCWJRLW ----- 71AA WJACH LETTER WORD INDENT RAW SCORE

type: numeric (float)

range: [2,56] units: 1
 unique values: 53 coded missing: 18 / 1178

mean: 33.3233
 std. dev: 12.4487

percentiles:	10%	25%	50%	75%	90%
	14	24	35	44	49

NPCWJALW ----- 71AB WJACH LETTER WRD AGE BASE STD SCORE

type: numeric (float)

range: [30,168] units: 1
 unique values: 110 coded missing: 27 / 1178

mean: 91.2963
 std. dev: 18.6157

percentiles:	10%	25%	50%	75%	90%
	68	80	92	102	114

NPCWJRW A ----- 71BA WJACH WORD ATTACK RAW SCORE

type: numeric (float)

range: [0,514] units: 1
 unique values: 37 coded missing: 370 / 1178

mean: 16.1411
 std. dev: 49.1873

percentiles:	10%	25%	50%	75%	90%
	0	2	10	19	25

NPCWJRW A:

1. Subtest optional.
2. Not centrally scored.

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NPCWJAWA ----- 71BB WJACH WRD ATTACK AGE BASE STD SCORE

type: numeric (float)

range: [29,481] units: 1
unique values: 97 coded missing: 464 / 1178

mean: 89.7871
std. dev: 27.3631

percentiles:	10%	25%	50%	75%	90%
	65	78	87	99	115

NPCWJAWA:

1. Subtest optional.
2. Not centrally scored.

NPCWJRPC ----- 71CA WJACH PASSAGE COMPREHENSN RAW SCORE

type: numeric (float)

range: [0,82] units: 1
unique values: 39 coded missing: 18 / 1178

mean: 17.3621
std. dev: 9.19616

percentiles:	10%	25%	50%	75%	90%
	3	11	19	24	28

NPCWJAPC ----- 71CB WJACH PASS COMP AGE BASED STD SCORE

type: numeric (float)

range: [11,150] units: 1
unique values: 105 coded missing: 26 / 1178

mean: 91.7057
std. dev: 17.5654

percentiles:	10%	25%	50%	75%	90%
	71	83	93	102	112

NPCWJAMC ----- 72B WJACH BROAD MATH AGE BASED STD SCORE

type: numeric (float)

range: [18,149] units: 1
unique values: 102 coded missing: 40 / 1178

mean: 89.9754
std. dev: 17.5362

percentiles:	10%	25%	50%	75%	90%
	69	80	91	100	112

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NPCWJRCA ----- 72AA WJACH CALCULATION RAW SCORE

type: numeric (float)

range: [0,94] units: 1
 unique values: 46 coded missing: 23 / 1178

mean: 17.6277
 std. dev: 9.69902

percentiles:	10%	25%	50%	75%	90%
	5	10	18	25	29

NPCWJACA ----- 72AB WJACH CALCULATN AGE BASED STD SCORE

type: numeric (float)

range: [6,146] units: 1
 unique values: 108 coded missing: 35 / 1178

mean: 91.846
 std. dev: 18.3607

percentiles:	10%	25%	50%	75%	90%
	70	81	92	103	116

NPCWJRAP ----- 72BA WJACH APPLIED PROBLEMS RAW SCORE

type: numeric (float)

range: [2,94] units: 1
 unique values: 45 coded missing: 20 / 1178

mean: 29.19
 std. dev: 7.61431

percentiles:	10%	25%	50%	75%	90%
	19	24	30	34	38

NPCWJAAP ----- 72BB WJACH APP PROBS AGE BASED STD SCORE

type: numeric (float)

range: [15,144] units: 1
 unique values: 85 coded missing: 28 / 1178

mean: 91.9583
 std. dev: 14.1388

percentiles:	10%	25%	50%	75%	90%
	75	84	92	100	110

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NPCSPED ----- 81B WJCA PROCESS SPEED CLUSTER STD SCORE

type: numeric (float)

range: [18,138] units: 1
unique values: 82 coded missing: 621 / 1178

mean: 87.8276
std. dev: 17.0841

percentiles:	10%	25%	50%	75%	90%
	66	78	89	98	107

NPCSPED:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

NPCRVM ----- 81AA WJCA VISUAL MATCHING RAW SCORE

type: numeric (float)

range: [3,61] units: 1
unique values: 53 coded missing: 603 / 1178

mean: 36.8835
std. dev: 9.44756

percentiles:	10%	25%	50%	75%	90%
	24	31	38	43	48

NPCRVM:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

NPC SVM ----- 81AB WJCA VISUAL MATCHING STD SCORE

type: numeric (float)

range: [37,143] units: 1
unique values: 80 coded missing: 610 / 1178

mean: 89.0616
std. dev: 15.5241

percentiles:	10%	25%	50%	75%	90%
	70	79	90	97.5	108

NPC SVM:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

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NPCRCO ----- 81BA WJCA CROSS OUT RAW SCORE

type: numeric (float)

range: [0,40] units: 1
unique values: 33 coded missing: 612 / 1178

mean: 18.2191
std. dev: 6.00749

percentiles:	10%	25%	50%	75%	90%
	11	14	18	22	26

NPCRCO:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

NPCSCO ----- 81BB WJCA CROSS OUT STD SCORE

type: numeric (float)

range: [0,141] units: 1
unique values: 84 coded missing: 620 / 1178

mean: 89.9498
std. dev: 18.4519

percentiles:	10%	25%	50%	75%	90%
	67	79	91	102	112

NPCSCO:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

NPCSTMEM ----- 82B WJCA SHRT TRM MEMORY CLUST STD SCORE

type: numeric (float)

range: [54,167] units: 1
unique values: 74 coded missing: 625 / 1178

mean: 98.4123
std. dev: 15.074

percentiles:	10%	25%	50%	75%	90%
	81	88	96	107	120

NPCSTMEM:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

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NPCRSENT ----- 82AA WJCA MEMORY FOR SENTENCES RAW SCORE

type: numeric (float)

range: [4,69] units: 1
unique values: 29 coded missing: 605 / 1178

mean: 44.74
std. dev: 5.48269

percentiles:	10%	25%	50%	75%	90%
	38	42	45	48	51

NPCRSENT:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

NPCSSSENT ----- 82AB WJCA MEMORY FOR SENTENCES STD SCORE

type: numeric (float)

range: [33,174] units: 1
unique values: 77 coded missing: 612 / 1178

mean: 97.4505
std. dev: 15.1826

percentiles:	10%	25%	50%	75%	90%
	81	88	95	106	118

NPCSSSENT:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

NPCRWORD ----- 82BA WJCA MEMORY FOR WORDS RAW SCORE

type: numeric (float)

range: [10,27] units: 1
unique values: 15 coded missing: 614 / 1178

mean: 16.3617
std. dev: 2.21179

percentiles:	10%	25%	50%	75%	90%
	14	15	16	18	19

NPCRWORD:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

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NPCSWORD ----- 82BB WJCA MEMORY FOR WORDS STD SCORE

type: numeric (float)

range: [61,196] units: 1
unique values: 75 coded missing: 622 / 1178

mean: 99.1655
std. dev: 15.3766

percentiles:	10%	25%	50%	75%	90%
	81	89	96	109	120

NPCSWORD:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

NPCRAS ----- 83A WJCA ANALYSIS/SYNTHESIS RAW SCORE

type: numeric (float)

range: [0,35] units: 1
unique values: 35 coded missing: 607 / 1178

mean: 19.6147
std. dev: 6.18022

percentiles:	10%	25%	50%	75%	90%
	11	17	21	24	26

NPCRAS:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

NPCSAS ----- 83B WJCA ANALYSIS/SYNTHESIS STD SCORE

type: numeric (float)

range: [8,175] units: 1
unique values: 75 coded missing: 613 / 1178

mean: 91.7788
std. dev: 14.8646

percentiles:	10%	25%	50%	75%	90%
	75	84	92	99	108

NPCSAS:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

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NPCRSR ----- 84A WJCA SPATIAL RELATIONS RAW SCORE

type: numeric (float)

range: [6,31] units: 1
unique values: 26 coded missing: 619 / 1178

mean: 17.9839
std. dev: 3.9497

percentiles:	10%	25%	50%	75%	90%
	13	16	18	20	23

NPCRSR:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

NPCSSR ----- 84B WJCA SPATIAL RELATIONS STD SCORE

type: numeric (float)

range: [44,143] units: 1
unique values: 67 coded missing: 626 / 1178

mean: 95.0109
std. dev: 13.6014

percentiles:	10%	25%	50%	75%	90%
	78	86	95	103	112

NPCSSR:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

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NPCVMIRS ----- 91 VMI RAW SCORE

type: numeric (float)

range: [7,50] units: 1
unique values: 41 coded missing: 619 / 1178

mean: 22.8801
std. dev: 9.58727

percentiles:	10%	25%	50%	75%	90%
	12	15	21	30	37

NPCVMIRS:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

NPCVMISS ----- 92 VMI STANDARD SCORE

type: numeric (float)

range: [55,142] units: 1
unique values: 65 coded missing: 620 / 1178

mean: 85.2061
std. dev: 12.8881

percentiles:	10%	25%	50%	75%	90%
	69	77	85	93	102

NPCVMISS:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

NPCVMIAY ----- 93A VMI AGE EQUIVALENT YEARS

type: numeric (float)

range: [4,18] units: 1
unique values: 13 coded missing: 626 / 1178

mean: 8.50181
std. dev: 2.59274

percentiles:	10%	25%	50%	75%	90%
	6	6	8	10	12

NPCVMIAY:

1. Required only if NPCVERS='L.'
2. Not administered before 4/94.

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 CSSCD INFANT COHORT PATIENTS

NPCHAND ----- 101 WHATS PTS HAND DOMINANCE FOR WRITING

type: numeric (float)
 label: NPCHAND

range: [1,3] units: 1
 unique values: 3 coded missing: 90 / 1178

tabulation:	Freq.	Numeric	Label
	944	1	RIGHT
	139	2	LEFT
	5	3	CANNOT BE ASSESSED

NPCRPEG ----- 101A TOTAL PEGS - RIGHT HAND

type: numeric (float)

range: [0,38] units: 1
 unique values: 22 coded missing: 24 / 1178

mean: 12.2132
 std. dev: 2.97628

percentiles:	10%	25%	50%	75%	90%
	9	10	12	14	16

NPCLPEG ----- 101B TOTAL PEGS - LEFT HAND

type: numeric (float)

range: [2,32] units: 1
 unique values: 19 coded missing: 21 / 1178

mean: 11.4728
 std. dev: 2.69441

percentiles:	10%	25%	50%	75%	90%
	8	10	12	13	15

CODEBOOK FOR CSSCD FORM NPC
NEUROPSYCHOLOGICAL DATA FORM: CHILD COMPONENT - PAGE 3
 CSSCD INFANT COHORT PATIENTS

NPCRNCOR ----- 11A TACTILE PERCEPTION # CORRECT R HAND

type: numeric (float)

range: [0,19] units: 1
 unique values: 17 coded missing: 118 / 1178

mean: 8.52547
 std. dev: 2.12861

percentiles: 10% 25% 50% 75% 90%
 6 8 9 10 10

NPCLNCOR ----- 11B TACTILE PERCEPTION # CORRECT L HAND

type: numeric (float)

range: [0,17] units: 1
 unique values: 15 coded missing: 115 / 1178

mean: 8.38758
 std. dev: 2.22474

percentiles: 10% 25% 50% 75% 90%
 5 7 9 10 10

NPCNE ----- 12 NEURO EVAL W/IN 3 MO THIS EVALUATION

type: numeric (float)
 label: NPCNE

range: [1,2] units: 1
 unique values: 2 coded missing: 815 / 1178

tabulation: Freq. Numeric Label
 100 1 NO
 263 2 YES

NPCNE:

1. Required only if NPCVERS='F' or 'L.'

NPCABNNE ----- WAS NEURO EXAM IN ANY WAY ABNORMAL (PH2)

type: numeric (float)
 label: NPCABNNE

range: [1,2] units: 1
 unique values: 2 coded missing: 1072 / 1178

tabulation: Freq. Numeric Label
 93 1 NO
 13 2 YES

NPCABNNE:

1. Required only if NPCNE=2.
2. Required only if NPCVERS='F.'

CSSCD Phases 2 and 3
2.3: Neuropsychological Data Form: Child Component – Form NPC

range: [0,11] units: 1
unique values: 7 coded missing: 934 / 1178

mean: .377049
std. dev: 1.06441

percentiles:	10%	25%	50%	75%	90%
	0	0	0	0	1

NPCOVAC:

1. Required only if NPCVERS='E.'

NPCOVAP ----- OVFT ANIMALS - PERSEVERATIONS (PH2)

type: numeric (float)

range: [0,19] units: 1
unique values: 9 coded missing: 930 / 1178

mean: .891129
std. dev: 1.69789

percentiles:	10%	25%	50%	75%	90%
	0	0	0	1	3

NPCOVAP:

1. Required only if NPCVERS='E.'

NPCOVFNP ----- OVFT FOODS - NUMBER PRODUCED (PH2)

type: numeric (float)

range: [0,28] units: 1
unique values: 26 coded missing: 917 / 1178

mean: 11.1111
std. dev: 4.91144

percentiles:	10%	25%	50%	75%	90%
	5	8	11	14	18

NPCOVFNP:

1. Required only if NPCVERS='E.'

NPCOVFC ----- OVFT FOODS - CONFABULATION (PH2)

type: numeric (float)

range: [0,14] units: 1

