

# Development

## Battelle Developmental Inventory, 2nd Edition (BDI-2)

Jean Newborg, 2004

### FACTS IN BRIEF



<b>Purpose:</b>	Screening, diagnosis, and evaluation of early development
<b>Ages:</b>	Birth–8.0
<b>Time:</b>	Complete BDI-2: 1-2 hours Screening Test: 10-30 minutes
<b>Scores:</b>	SS, AE, PR; Screening Test: AE, cut-off scores

The **Battelle Developmental Inventory, 2nd Edition (BDI-2)** may be used by a team of professionals or by an individual service provider. The *BDI-2* can be administered to children with various handicapping conditions by using stated modifications.

Appropriate for ages birth to 8, the *BDI-2* is ideal for several uses:

- Identification of Children with Disabilities
- Evaluation of Groups of Children with Disabilities in Early Education Programs
- Assessment of the Typically Developing Child
- Assessment (Screening) for school readiness
- Program evaluation for accountability

### New Features

- New colourful items and child-friendly manipulatives at all ages
- New comprehensive norms, sensitive to the rapid development of children
- Clear, comprehensive scripted Interview items with follow-up probes designed to provide complete information of the child's development
- Choice of either computer or hand scored processing
- Flexible administration allows for use by a team of professionals
- Expanded range of items in all Domains to measure development from birth–8 years
- Web-based scoring option for all reports (see note on pg. 27)

### Administering

Administration of the *BDI-2* can begin in any of the 5 Domains. The start points for each subdomain are clearly marked and are determined by the age or the estimated ability level of the child. Examiners proceed through each of the subdomains to determine the child level of development. (See chart for the structure of the *BDI-2* Domains and subdomain.)

### BDI Domains

PERSONAL-SOCIAL DOMAIN	ADAPTIVE DOMAIN	MOTOR DOMAIN	COMMUNICATION DOMAIN	COGNITIVE DOMAIN
<ul style="list-style-type: none"> <li>• Adult Interaction</li> <li>• Self-Concept and Social Growth</li> <li>• Peer Interaction</li> </ul>	<ul style="list-style-type: none"> <li>• Personal Responsibility</li> <li>• Self-Care</li> </ul>	<ul style="list-style-type: none"> <li>• Fine Motor</li> <li>• Perceptual Motor</li> <li>• Gross Motor</li> </ul>	<ul style="list-style-type: none"> <li>• Receptive Communication</li> <li>• Expressive Communication</li> </ul>	<ul style="list-style-type: none"> <li>• Perceptual Discrimination/ Conceptual Development</li> <li>• Reasoning and Academic Skills</li> <li>• Attention and Memory</li> </ul>

### Scoring and Interpretation

The *BDI-2* can be hand-scored or scored with optional scoring software. Norm-referenced scores (scaled scores with a mean of 10, SD = 3, score range of 1-19) are provided at the subdomain level. The subdomain scores combine to form the five *BDI-2* Domain scores and the overall *BDI-2* Developmental Quotient (each with a standard score mean of 100, SD = 15, score range of 40-160). Also provided for the Domain scores and the Developmental Quotient are Percentiles and Confidence Intervals. Age Equivalent tables are also available.

The *BDI-2* Screening Test consists of a subset of test items from the full *BDI-2* item pool. The scoring procedures are similar to those of the full *BDI-2*, but cutoff scores are provided to aid in identification of children who may need additional follow up.

### Technical Information

Normative data for the *BDI-2* were gathered from over 2,500 children between the ages of Birth to 7 years 11 months. The normative sample closely matches the 2000 U.S. Census (education level based on 2001 data). Bias reviews were conducted on all items for gender and ethnicity concerns. Item desirability information from examiners was also considered in the selection of the final items.

Reliabilities for the *BDI-2* meet or exceed traditional standards for excellence at the subdomain, domain and full test composite levels. Concurrent and criterion validity data was obtained using the original BDI, the *BSID-II*, *WJ III®*, *Denver-2*, *PLS-4*, *Vineland SEEC*, and *WPPSI-III*. All validity and reliability information is contained in the **Examiner's Manual**.

### BDI-2 ScoringPro™ Software

The **BDI-2 ScoringPro** is designed as a web-based scoring software program (Mac or PC) or as a standalone computer software program (PC only). The child's item scores are entered either at the computer keyboard or by using a Palm-based (PDA) electronic record form. The *ScoringPro* program provides consistency in determining all the raw scores totals and the subsequent norm-referenced scores for the *BDI-2*. Examiners can use any Palm with 8 MB and collect data. Once data is collected using the electronic record form, examiners can hotsynch to their local desktop and use the scoring software. By using the Palm-based (PDA) electronic record form, professionals can quickly assess a child's abilities. A wide selection of reports is available, including narrative reports for parents or

professionals, score reports for student folders, and aggregate reports for program evaluation support. All reports can be printed; many reports can be exported and then imported to a word processing file for editing as necessary.

ITEM	PRICE	CODE
<b>BDI-2 Complete Kit</b> (no software) . . . . . 12	\$ 725.00	9-24570
(Includes 5 Test Item Books, Examiner's Manual, Stimulus Book, set of Presentation Cards, 15 Scoring Booklets, 15 Workbooks, the Screening Test Item book with 30 Screening Test Booklets, set of Screening Visuals, and Carrying Case. Does not include Manipulatives (required for administration) or optional Scoring Software)		
<b>Complete Kit with BDI-2 ScoringPro™ Software</b> . . 12	\$1075.00	9-20651
<b>Complete Kit with Manipulatives</b> . . . . . 12	\$1460.00	9-24573
<b>Complete Kit with BDI-2 ScoringPro™ Software &amp; Manipulatives</b> . . . . . 12	\$1825.00	9-20652
<b> Screener Kit</b> . . . . . 12	\$ 290.00	9-24576
(Includes the Screening Test Item book with 30 Screening Test Booklets, and set of Screening Visuals)		
<b>Manipulatives Kit</b> . . . . . 12	\$ 795.00	9-24580
(Includes over 75 items that are used in the administration of the BDI-2)		
<b>Specialized Manipulatives Kit</b> . . . . . 12	\$ 370.00	9-24581
(Includes over 40 unique or hard to find manipulatives for the Complete BDI-2. Additional common items such as crayons, string, chalk, clay, etc. will need to be supplied by the examiner)		
<b>ScoringPro™ Software Kit</b> (optional) . . . . . 12	\$ 375.00	9-24624
<b>Palm Application Kit</b> (optional). . . . . 12	\$ 99.00	9-24627
<b>Examiner's Manual</b> . . . . .	\$ 110.00	9-24586
<b>Scoring Booklets</b> (Pkg. 15) . . . . . 11	\$ 70.00	9-24593
<b>Screener Test Booklets</b> (Pkg. 30) . . . . . 11	\$ 86.25	9-24595
<b>Workbooks</b> (Pkg. 15) . . . . . 11	\$ 70.00	9-24597
<b>Electronic Test Booklets for PALM</b> . . . . .		E-40700

## Battelle Developmental Inventory (BDI), First Edition, 1984

ITEM	PRICE	CODE
<b>BDI (1984) Scoring Booklets</b> (Pkg. 15) . . . . .	\$ 73.25	9-21352
<b>BDI (1984) Screening Test Booklets</b> (Pkg. 30) . . . . .	\$ 86.25	9-21355

Note Re Scoring Software:  
BDI-2 Scoring Software for Canadian Kits is for use on stand-alone computer systems. Please contact Customer Support if you require web-based scoring instead.