

The Battelle Developmental Inventory— Third Edition (BDI-3) Crosswalk to the Three Child Outcomes

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<https://ectacenter.org/eco/pages/crosswalks.asp>

Crosswalk of BDI-3 Domain Scores to Child Outcomes: When using the BDI-3 as a standardized, norm-referenced assessment tool with direct conversion of scores to measure outcomes, the BDI-3's domain scores are the smallest unit of information that can be applied.

Crosswalk of BDI-3 Domain Items to Child Outcomes: As one of multiple sources of information, items from the BDI-3 domains can contribute to the understanding of a child's functioning when measuring child outcomes. When using this or any other assessment instrument crosswalks, items are not meant as a checklist for assessing children's functioning. Rather, they provide information as to the extent to which an assessment instrument addresses the breadth and depth of the three child outcomes.

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The Three Child Outcomes

<https://ectacenter.org/eco/pages/childoutcomes.asp>

Outcome 1: Positive Social-Emotional Skills

- Relating With Caregivers
- Attending to Other People in a Variety of Settings
- Interacting with Peers
- Participating in Social Games and Communicating with Others
- Following Social Norms and Adapting to Change in Routines
- Expressing Own Emotions and Responding to Emotions of Others

Outcome 2: Acquisition and Use of Knowledge and Skills

- Showing Interest in Learning
- Using Problem Solving
- Engaging in Purposeful Play
- Understanding Pre-Academics and Literacy
- Acquiring Language to Communicate
- Understanding Questions Asked and Directions Given

Outcome 3: Use of Appropriate Behaviors to Meet Needs

- Moving Around and Manipulating Things to Meet Needs
- Eating and Drinking with Increasing Independence
- Dressing and Undressing with Increasing Independence
- Diapering/Toileting and Washing with Increasing Independence
- Communicating Needs
- Showing Safety Awareness

Crosswalk of BDI-3 Domain Scores to Child Outcomes

This table shows how the five domains and their subdomains map to the three child outcomes.

Domain	Subdomains	Outcome 1	Outcome 2	Outcome 3
Adaptive	<ul style="list-style-type: none"> Self-Care (SC) Personal Responsibility (PR) 	6	0	39
Social-Emotional	<ul style="list-style-type: none"> Adult Interaction (AI) Peer Interaction (PI) Self-Concept/Role (SR) 	65	17	3
Communication	<ul style="list-style-type: none"> Receptive (RC) Expressive (EC) 	10	63	2
Motor	<ul style="list-style-type: none"> Gross (GM) Fine (FM) Perceptual (PM) 	0	16	84
Cognitive	<ul style="list-style-type: none"> Attention & Memory (AM) Reasoning & Academic (RA) Perception & Concepts (PC) 	2	93	0

Crosswalk of BDI-3 Domain Items to Child Outcomes

Outcome 1: Positive Social-Emotional Skills

Adaptive

Outcome 1	Relating with Caregivers	Attending to Other People	Interacting with Peers	Participating in Social	Following Norms and Adapting to Change	Expressing and Responding to Emotions
Self-Care (SC)	—	—	—	—	—	—
Personal Responsibility (PR)	—	—	PR-12 PR-13	PR-10	PR-5 PR-16 PR-17	—

Social-Emotional

Outcome 1	Relating with Caregivers	Attending to Other People	Interacting with Peers	Participating in Social	Following Norms and Adapting to Change	Expressing and Responding to Emotions
Adult Interaction (AI)	AI-1 AI-2 AI-3 AI-5 AI-8 AI-13 AI-18	AI-4 AI-6 AI-10 AI-16 AI- 23 AI- 25	—	AI-7 AI-11 AI-15 AI-18 AI-22	AI-21 AI-24	AI-9 AI-12 AI-14 AI-17 AI-26
Peer Interaction (PI)	—	—	PI-1 PI-2 PI-3 PI-4 PI-6 to PI-15 PI-17 PI-18 PI-19 PI-22 PI-23 PI-24	PI-16	—	PI-5
Self-Concept/Role (SR)	SR-1	SR-5 SR-17	—	SR-25	SR-9 SR-12 SR-21 SR-23 SR-24 SR-28	SR-2 SR-6 SR-7 SR-8 SR-13 SR-15 SR-22 SR-26

Communication

Outcome 1	Relating with Caregivers	Attending to Other People	Interacting with Peers	Participating in Social	Following Norms and Adapting to Change	Expressing and Responding to Emotions
Adult Interaction (AI)	AI-1 AI-2 AI-3 AI-5 AI-8 AI-13 AI-18	AI-4 AI-6 AI-10 AI-16 AI- 23 AI- 25	—	AI-7 AI-11 AI-15 AI-18 AI-22	AI-21 AI-24	AI-9 AI-12 AI-14 AI-17 AI-26
Peer Interaction (PI)	—	—	PI-1 PI-2 PI-3 PI-4 PI-6 to PI-15 PI-17 PI-18 PI-19 PI-22 PI-23 PI-24	PI-16	—	PI-5
Self-Concept/Role (SR)	SR-1	SR-5 SR-17	—	SR-25	SR-9 SR-12 SR-21 SR-23 SR-24 SR-28	SR-2 SR-6 SR-7 SR-8 SR-13 SR-15 SR-22 SR-26

Motor

Outcome 1	Relating with Caregivers	Attending to Other People	Interacting with Peers	Participating in Social	Following Norms and Adapting to Change	Expressing and Responding to Emotions
Gross (GM)	—	—	—	—	—	—
Fine (FM)	—	—	—	—	—	—

Cognitive

Outcome 1	Relating with Caregivers	Attending to Other People	Interacting with Peers	Participating in Social	Following Norms and Adapting to Change	Expressing and Responding to Emotions
Attention & Memory (AM)	AM-3	—	—	—	—	—
Reasoning & Academic (RA)	—	—	—	—	—	—
Perception & Concepts (PC)	PC-1	—	—	—	—	—

Outcome 2: Acquisition and Use of Knowledge and Skills

† — These items align with Outcome 2: Acquisition and Use of Knowledge and Skills, Bundle 4 (Understanding Pre-Academic and Literacy Concepts) because they are administered as a structured task only, such as through picture identification or higher-level reasoning. For example, an item in the BDI-3's domain of self-care about the use of feeding utensils requires the child to identify utensils in a picture and therefore was coded as Outcome 2, rather than Outcome 3: Use of Appropriate Behaviors to Meet their Needs.

Adaptive

Social Emotional

Outcome 2	Showing Interest in Learning	Using Problem Solving	Engaging in Purposeful Play	Pre-Academic and Literacy Concepts	Acquiring Language to Communicate	Understanding Questions and Directions
Self-Care (SC)	—	—	—	SC-23†	—	—
Personal Responsibility (PR)	PR-11	PR-24	PR-9	PR-20†	—	PR-7 PR-21 PR-22 PR-23

Communication

Outcome 2	Showing Interest in Learning	Using Problem Solving	Engaging in Purposeful Play	Pre-Academic and Literacy Concepts	Acquiring Language to Communicate	Understanding Questions and Directions
Self-Care (SC)	—	—	—	SC-23†	—	—
Personal Responsibility (PR)	PR-11	PR-24	PR-9	PR-20†	—	PR-7 PR-21 PR-22 PR-23

Motor

Outcome 2	Showing Interest in Learning	Using Problem Solving	Engaging in Purposeful Play	Pre-Academic and Literacy Concepts	Acquiring Language to Communicate	Understanding Questions and Directions
Gross (GM)	—	—	—	—	—	—
Fine (FM)	—	—	—	FM-12	—	—
Perceptual (PM)	—	—	—	PM-7 PM-8 PM-10 PM-11 PM-12 PM-14 to PM-24	—	—

Cognitive

Outcome 2	Showing Interest in Learning	Using Problem Solving	Engaging in Purposeful Play	Pre-Academic and Literacy Concepts	Acquiring Language to Communicate	Understanding Questions and Directions
Attention & Memory (AM)	AM-1 AM-2 AM-4 AM-5 AM-6 AM-7 AM-8 AM-12 AM-14 AM-23	AM-9 AM-10 AM-11 AM-15 AM-16 AM-20 AM-21 AM-25 to AM-30	—	AM-13 AM-17 AM-18 AM-19 AM-22 AM-24	—	—
Reasoning & Academic (RA)	—	RA-1 RA-2 RA-3 RA-23	—	RA-4 to RA-12 RA-15 RA-16 RA-17 RA-18 RA-19 RA-20 RA-21 RA-22 RA-24 to RA-33	—	RA-13 RA-14
Perception & Concepts (PC)	PC-2 PC-3 PC-5	PC-31	PC-4	PC-6 to PC-20 PC-22 PC-24 PC-25 PC-27 PC-28 PC-29 PC-32	—	PC-21 PC-23 PC-26 PC-30 PC-33

Outcome 3: Use of Appropriate Behaviors to Meet Needs

Items marked with an asterisk align with Outcome 2 because they are administered via structured task only, such as through picture identification or higher-level reasoning.

Adaptive

Outcome 3	Moving, Manipulating	Eating, Drinking	Dressing, Undressing	Diapering, Toileting, Washing	Communicating Needs	Showing Safety Awareness
Self-Care (SC)	—	SC-1 to SC-7 SC-9 SC-15 SC-31 SC-32 SC-34 SC-35 SC-36	SC-8 SC-13 SC-17 SC-20 SC-22 SC-25 SC-27 SC-29	SC-11 SC-14 SC-16 SC-18 SC-21 SC-24 SC-26 SC-28 SC-30 SC-33 SC-37	SC-10 SC-19	SC-12
Personal Responsibility (PR)	PR-4 PR-8 PR-15	—	—	—	PR-3	PR-1 PR-2 PR-6 PR-14 PR-18 PR-19

Social-Emotional

Outcome 3	Moving, Manipulating	Eating, Drinking	Dressing, Undressing	Diapering, Toileting, Washing	Communicating Needs	Showing Safety Awareness
Adult Interaction (AI)	—	—	—	—	AI-20	—
Peer Interaction (PI)	—	—	—	—	—	PI-21
Self-Concept/Role (SR)	—	—	—	—	SR-10	—

Communication

Outcome 3	Moving, Manipulating	Eating, Drinking	Dressing, Undressing	Diapering, Toileting, Washing	Communicating Needs	Showing Safety Awareness
Receptive (RC)	—	—	—	—	—	—
Expressive (EC)	—	—	—	—	EC-8 EC-11	—

Motor

Outcome 3	Moving, Manipulating	Eating, Drinking	Dressing, Undressing	Diapering, Toileting, Washing	Communicating Needs	Showing Safety Awareness
Gross (GM)	GM-1 to GM-45	—	—	—	—	—
Fine (FM)	FM-1 to FM-11 FM-13 to FM-30	—	—	—	—	—
Perceptual (PM)	PM-1 to PM-6 PM-9 PM-13	—	—	—	—	—

Cognitive

Outcome 3	Moving, Manipulating	Eating, Drinking	Dressing, Undressing	Diapering, Toileting, Washing	Communicating Needs	Showing Safety Awareness
Attention & Memory (AM)	—	—	—	—	—	—
Reasoning & Academic (RA)	—	—	—	—	—	—
Perception & Concepts (PC)	—	—	—	—	—	—