# Validated Screening Tools for Developmental Delays and Autism Spectrum Disorder

This list is not all-inclusive, and other validated screening tools may be available.

## Developmental Delays

| Validated Screening Tool | Age Range | Description | Administration Time | Purchasing and/or additional information: |
|---|---|---|---|---|
| Ages & Stages Questionnaires<br>(ASQ - 3) Developmental<br>(ASQ: SE-2) Socio-Emotional<br>*Available in English and Spanish* | 1 month to 5 years 6 months | A series of 21 questionnaires (for ASQ-3) and 8 (for ASQ-SE), depending on age of child, with a focus on: screening for communication; gross motor; fine motor; problem solving and personal social skills.<br>The parent completes one questionnaire.<br>The provider scores by transferring answers to a scoring sheet, compares the child's scores to the cut-off points on the scoring sheet and communicates the results to the parent. | 10-15 minutes<br>**Scoring Method**<br>**Risk categorization; provides a cutoff score in 5 domains of development that indicates possible need for further evaluation.** | Ages & Stages website:<br>**agesandstages.com**<br>The Ages & Stages Questionnaires may be purchased from:<br>Paul H. Brookes Publishing Company<br>**(800) 638-3775**<br>**brookespublishing.com** |
| Battelle Developmental Inventory Screening Test, 3rd ed (BDI-3)<br>*Available in English and Spanish* | Birth to 7 years 11 month | This directly administered screening tool is comprised of 96 items with a focus on: personal-social skills; adaptive behavior; psychomotor ability; communication and cognition (including subtests for fine and gross motor skills and expressive and receptive communications). The BDI-3 Screening Test can be modified for children with special needs. | **Scoring Method**<br>**Quantitative; scaled scores in all 5 domains are compared with cutoffs to determine need for referral.** | The "BDI-2 Screener Test" and the "BDI-2 Screener Kit" may be purchased from:<br>Riverside Publishing Co.<br>**(800) 323-9540**<br>**riverpub.com** |
| Bayley Scales of Infant and Toddler Development®, Third Edition Screening Test (Bayley-III®)<br>*Available in English* | 1 month to 3 years 6 months | Development areas measured focus on: cognitive; language (expressive and receptive communications); fine motor and gross motor domains. | 15-25 minutes<br>**Scoring Method**<br>**Cut scores according to age for cognitive, language and motor scales.** | The Bayley-III® Screening Test may be purchased from:<br>Pearson<br>**(800) 627-7271**<br>**pearsonassess.com** |

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| Bayley Scales of Infant and Toddler Development®, Third Edition Motor Scale Kit (Bayley-III®)<br>*Available in English* | 1 month to 3 years 6 months | Identifies motor delays in infants and toddlers. Includes growth charts for plotting motor growth over time, fine motor subtests and gross motor subtests. | 10-20 minutes depending on the child's age<br>**Scoring Method**<br>**Scaled scores, composite scores, growth scores. Includes percentile ranks and age equivalents.** | The Bayley-III® Motor Scale Test may be purchased from:<br>Pearson<br>**(800) 627-7271**<br>**pearsonassess.com** |
| Brigance® Infant & Toddler Screen<br>*Available in English and Spanish* | Birth to 23 months | Development areas measured focus on: fine and gross motor; receptive and expressive communications; self-help; and social-emotional scales. Accommodations are made for infants born prematurely (until age 2). The screen also has adjustments and separate cut-offs for children at psychosocial risks. | 10–15 minutes<br>**Scoring Method**<br>**Scoring software with technical report automatically computes chronological age and creates reports with at-risk cutoffs, growth indicators, percentiles, quotients, and age equivalents.** | The Brigance® Infant & Toddler Screen may be purchased from:<br>Curriculum Associates Inc.<br>**(800) 225-0248**<br>**curriculumassociates .com** |
| Brigance® Early Preschool Screen-II<br>*Available in English and Spanish* | 24 months to 5 years 11 month | Development areas measured focus on: fine and gross motor; general comprehension; speech and language; preacademic and academic, self-help and social-emotional scales. | 10-15 minutes<br>**Scoring Method**<br>**Scoring software with technical report automatically creates reports with at-risk cutoffs, growth indicators, percentiles, quotients, and age equivalents.** | The Brigance® Early Preschool Screen-II may be purchased from:<br>Curriculum Associates Inc.<br>**(800) 225-0248**<br>**curriculumassociates .com** |
| Brigance® Inventory for Early Development-II (IED-II)<br>*Available in English and Spanish* | Birth to 7 years | Development areas measured focus on: fine and gross motor; language; early academic and cognitive (quantitative/general and prereading/reading); daily living and social-emotional scales. | 10-15 minutes<br>**Scoring Method**<br>**Scoring software with technical report automatically creates reports with at-risk cutoffs, growth indicators, percentiles, quotients, and age equivalents.** | The Brigance® Early Preschool Screen-II may be purchased from:<br>Curriculum Associates Inc.<br>**(800) 225-0248**<br>**curriculumassociates .com** |

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| Parents' Evaluation of Developmental Status (PEDS)<br>*Available in English, Spanish and Vietnamese* | Birth to 8 years | Parents complete 10 questions designed for surveillance and/or screening of developmental and behavioral problems. | 2–10 minutes<br>**Scoring Method**<br>**Risk categorization; provides algorithm to guide need for referral, additional screening, or continued surveillance.** | The PEDS may be purchased from:<br>Ellsworth & Vandermeer Press LLC<br>**(877) 296-9972**<br>**pedstest.com** |
| Parents' Evaluation of Developmental Status, Developmental Milestones (PEDS-DM®)<br>*Available in English, Spanish and Vietnamese* | Birth to 7 years 11 month | The PEDS-DM® can be used with the PEDS, or by itself. PEDS-DM® consists of 6-8 items per age/encounter and is designed to replace informal milestones checklists. Developmental areas measured focus on: expressive and receptive communications; fine and gross motor skills; self-help; social-emotional; and for older children, reading and math. | 10-20 minutes<br>**Scoring Method**<br>**Risk categorization; age-equivalent scores and percentage of delay.** | The PEDS-DM® may be purchased from:<br>Ellsworth & Vandermeer Press LLC<br>**(877) 296-9972**<br>**pedstest.com** |
| Capute Scales<br>(also known as Cognitive Adaptive Test/Clinical Linguistic Auditory Milestone Scale [CAT/CLAMS])<br>*Available in English, Spanish and Russian* | 1 month to 36 months | The Capute Scales is designed to help clinicians distinguish between global developmental delays and specific areas of concern. It helps differentiate between communicative and cognitive disorders. The Cognitive Adaptive Test (CAT) consists of 58 items focused on visual-motor functioning and the Clinical Linguistic and Auditory Milestone Scale (CLAMS) consists of 42 items focused on expressive and receptive language development. | 6–20 minutes<br>**Scoring Method**<br>**Quantitative (developmental age levels and quotient)** | The Capute Scales may be purchased from:<br>Paul H. Brookes Publishing Company<br>**(800) 638-3775**<br>**brookespublishing.com** |
| Communication and Symbolic Behavior Scales – Developmental Profile™<br>(CSBS-DP™):<br>Infant Toddler Checklist<br>*Available in English* | 6 months to 24 years | The CSBS-DP™ is designed to address language and cognitive skills. Development areas measured focus on: emotion and eye gaze; communication; gestures; sounds; words; understanding; and object use. Each area is measured by four main components: Infant Toddler Checklist; Caregiver Questionnaire; Behavior Sample and Caregiver Perception Rating. | 5–15 minutes<br>**Scoring Method**<br>**Risk categorization. Using cut-off scores, providers can determine if the child falls within a range of "concern" or "no concern."** | The CSBS-DP™ Infant Toddler Checklist can be purchased from:<br>Paul H. Brookes Publishing Company<br>**(800) 638-3775**<br>**brookespublishing.com** |

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| Modified Checklist for Autism in Toddlers (M-CHAT)<br>*Available in English and Spanish* | 16 months to 30 months | The M-CHAT is an expanded American version of the original CHAT from the UK. The M-CHAT tests for Autism Spectrum Disorders against normally developing children and consists of 20 yes/no questions. | 5–10 minutes<br>**Scoring Method**<br>**Yes/no answers convert to pass/fail responses.** | The M-CHAT is available for free download for clinical, research, and educational purposes. There are two authorized websites the M-CHAT and supplemental materials can be downloaded from:<br>**firstsigns.org** or **mchatscreen.com** |
| Social Communication Questionnaire (SCQ)<br>(formerly Autism Screening Questionnaire-ASQ)<br>*Available in Danish, Dutch, Finnish, German, Hebrew, Hungarian, Icelandic, Italian, Japanese, Korean, Norwegian, Romanian, Russian, Spanish, & Swedish Published Translations* | Anyone over 4 years of age, as long as his or her mental age exceeds 2.0 years | The SCQ is a parent completed questionnaire consisting of 40 yes/no questions; designed to identify children at risk of autistic spectrum disorders. The SCQ is available in two forms: the Lifetime Form focuses on the child's entire developmental history; the Current Form looks at the child's behavior over the most recent 3-month period. | 5-10 minutes<br>**Scoring Method**<br>**Risk categorization (pass/fail). Total score with cutoff points.** | The SCQ may be purchased from:<br>Western Psychological Corp.<br>**(800) 648-8857**<br>**wpspublish.com** |
| Child Development Review-Parent Questionnaire (CDR-PQ)<br>*Available in English and Spanish* | 18 months to 5 years | Development areas measured focus on: social; self-help; language; gross and fine motor skills. The provider may use this screen in two ways: as an observation guide and/or as a parent interview guide. | 10–20 minutes<br>**Scoring Method**<br>**Results are compared to age norms and classified as "typical" for age in all areas, or as "borderline" or "delayed" in one or more areas of development.** | The CDR-PQ may be purchased from:<br>Behavior Science Systems Inc.<br>**(612) 850-8700**<br>**childdevelopmentreview.com/** |
| Infant Development Inventory<br>*Available in English and Spanish* | Birth to 18 months | A brief parent questionnaire used to track developmental skills with a focus on: social; self-help; language; gross and fine motor skills. | 5–10 minutes<br>**Scoring Method**<br>**Risk categorization; delayed or not delayed.** | The Infant Development Inventory may be purchased from:<br>Behavior Science Systems Inc.<br>**(612) 850-8700**<br>**childdevelopmentreview.com/** |