

Call for Submissions of Behavior Screening & Progress Monitoring Tools

The **National Center on Intensive Intervention** (NCII) is funded by the Office of Special Education Programs (OSEP) to build capacity of state and local education agencies, universities, practitioners, and other stakeholders to support implementation of intensive intervention in reading, mathematics, and behavior for students with severe and persistent learning and/or behavioral needs.

Rigorous research has shown that educating students with disabilities who require intensive intervention due to persistent learning and/or behavioral problems, whom teachers find among the hardest to teach, begins with a validated instruction platform that is “personalized” using data-based individualization (DBI). NCII believes that DBI is the engine that powers a dynamic, continuous interplay between assessment and intervention until the student demonstrates a satisfactory response.

The primary goals of this call are:

- to solicit information about existing behavior screening and progress monitoring tools;
- to evaluate the quality of the evidence that demonstrates efficacy for these tools; and subsequently,
- to provide technical assistance to participating stakeholders for successful implementation of them.

NCII will share information about evidence-based behavior screening and progress monitoring assessments that are identified through this call with an array of partners including state and local education agencies, institutions of higher education, technical assistance centers and professional development providers, parent centers, and relevant professional organizations.

This call for submissions is perpetually open and vendors may submit at their convenience. There is no submission deadline.

Criteria for Review of Behavior Tools

Evidence-based behavior screening and progress monitoring tools in accordance with the definitions and review criteria that follow, are invited to respond to this call.

For detailed information on the review standards and rating criteria see the Behavior Screening and Behavior Progress Monitoring Rating Rubrics and FAQs on our website here:

<https://intensiveintervention.org/about-charts-review-process>.

Behavior Screening Tools Criteria

For the purposes of this call, the NCII defines behavior screening as follows.

The National Center on Intensive Intervention defines behavior screening as a process using tools with convincing evidence of classification accuracy, reliability, and validity to identify students who may require behavioral intervention efforts to meet their social, emotional, and/or behavioral needs

Submissions of evidence-based behavior screening tools must meet the following criteria.

- Documentation of the tool's effectiveness must be based on direct evidence¹ rather than indirect evidence.
- The tool must have the following classification data:
 - Specificity, sensitivity, negative predictive power, positive predictive power, or
 - Area Under the Curve (AUC) derived from a Receiver Operating Characteristic (ROC) curve analysis.
- Evidence of classification accuracy must be provided for at least one criterion and time of year for each grade span/informant combination to be reviewed.
- Classification data analyses must be conducted using cut points identifying students in need of behavioral intervention (e.g., students exhibiting a moderate or high level of risk for the behavior of interest).
- The tool's outcome variable must focus on a social, emotional, or behavioral need.
- The tool must have at least three months between the screening and the outcome measure for classification accuracy and predictive analysis.

Behavior Progress Monitoring Tools Criteria

For the purposes of this call, the NCII defines behavior progress monitoring as follows.

The National Center on Intensive Intervention defines behavior progress monitoring as repeated measurement of student behavior over the course of intervention to index/quantify responsiveness to intervention and to thus determine, on an ongoing basis, when adjustments to the program are needed to improve responsiveness. When the need for a program adjustment is determined, supplementary data sources (e.g., functional behavior assessments, observations) or more fine-grained data available within the repeated measurement samples are used to decide the most productive strategies for altering intervention. The purpose of this progress monitoring is to design an individualized intervention that optimizes student outcomes.

Submissions of behavior progress monitoring tools must meet the following criteria:

- Measure must target social, emotional and/or behavioral functioning.

¹ Direct evidence refers to data from a study based on the tool submitted for evaluation. Studies that use data from the use of another tool, even if it is similar, are considered indirect evidence and will not be considered as adequate evidence for the purposes of this review.

- Measure must involve formative assessment (i.e., repeated administration), with the intended purpose of progress monitoring.
- Measure must include, but is not limited to, monitoring of individual student behavior.
- Evidence supporting the reliability, validity or feasibility of the measure under consideration must be direct evidence² rather than indirect evidence.
- Evidence of reliability and validity must be provided for each grade span/informant combination to be reviewed.

Center staff will review submissions upon receipt to ensure that these minimum criteria are met. Only submissions that are determined to meet all criteria will be assigned for review.

Special Note for First Time Submissions

Typically, once a submission accepted into the review cycle (i.e., it is confirmed to meet the submission eligibility criteria), withdrawal from the process is not permitted. This means all eligible submissions will complete the review process including having results posted on NCII tools charts. There is no minimum rating, or quality of evidence, that a tool must meet to be included on the tools charts beyond the submission eligibility criteria. **However, first time submissions of behavior tools may withdraw their tools from the review at any time prior to posting the results on the tools chart.** Vendors may elect to withdraw their submissions after receipt of the interim or final review results. We hope this encourages a broader pool of submissions and look forward to working with all interested vendors of social, emotional, and/or behavioral progress monitoring tools.

Directions for Submissions

1. Obtain a copy of the Standard Protocol for Evaluating Behavior Screening Tools or the Standard Protocol for Evaluating Behavior Progress Monitoring Tools form through the NCII website (<https://intensiveintervention.org/about-charts-review-process>) or contact the NCII. Complete one protocol for each tool submission.

NCII staff will be available to assist as you prepare your submission packet and to answer any questions you may have (ToolsChartHelp@air.org).

2. The completed submission protocol must be submitted electronically as a Microsoft Word document. The remainder of the submission packet, which may include required documentation and any supplemental materials, can be submitted to the NCII by attaching to an email.

² Direct evidence refers to data from a study based on the tool submitted for evaluation. Studies that use data from the use of another tool, even if it is similar, are considered indirect evidence and will not be considered as adequate evidence for the purposes of this review.

File Formats: The submission protocol must be submitted electronically as a Word document. Acceptable file formats for all other materials include Word, PDF, HTML, and text.

3. Submit application packet or make further inquiries to:

Laura Berry Kuchle

NCII Tools Chart Task Lead

American Institutes for Research

Email: lkuchle@air.org

Alternate email: ToolsChartHelp@air.org

Review Process

The TRC review process consists of the four steps below. For a detailed explanation, visit our website: <https://intensiveintervention.org/about-charts-review-process>.

1. All submissions will be checked for completeness by NCII staff. Required documentation must accompany the protocol in order to be reviewed by the TRC.
2. All complete submissions will undergo a review process by the Center's Technical Review Committee of nationally renowned experts on behavior screening or progress monitoring. For further information about the committee members and their roles in the review process, please visit our website.
3. The review process will be conducted in two phases. Submitters will be notified of initial results and comments after the first phase of review. If presented evidence is found to be insufficient after the first phase, submitters may submit additional evidence or clarification. This additional information will be used to re-review and finalize results during the second phase of review.
4. Final TRC decisions as to the technical adequacy of submitted tools will be disseminated through NCII to states, districts, schools, and NCII's partners for implementation.