Parent-administered language assessment for a child's first three years.

The Developmental Snapshot is the first easy-to-use, parent-administered measurement of infants' and toddlers' progress in acquiring language skills. Conventional assessments are generally long and dependent on professional administration, making them difficult to scale for community-wide initiatives. Snapshot's tight focus on receptive and expressive language skills and its ease of implementation make it the ideal assessment to measure large-scale parent-directed programs such as LENA Start and LENA Home, as well as major research projects.

Parents instinctively track milestones in other areas, such as physical growth and skills, but are often unaware of subtle language development markers, especially those that precede a baby's first word. By focusing on well-established milestones associated with receptive and expressive language, Snapshot provides a uniquely valuable source of data, and also heightens parents' awareness of language behaviors so they can encourage them.

Mobile-device access to Snapshot administration and reports puts this powerful tool in the hands of today's parents, and cuts down dramatically on paperwork and possibilities of transcription errors. Both Snapshot and its reports are available in English and Spanish.

What makes Snapshot unique?

- Parent completion substantially reduces time and costs associated with professional evaluation, scoring, and interpretation
- Sensitive enough to gauge progress in language skills as frequently as once per month
- Educates parents and caregivers with respect to language development in their infants and toddlers
- Promotes continued observation and awareness of language-related behaviors

Statistically validated and reliable.

- Snapshot is norm-referenced to a sample of typically developing participants from LENA's Natural Language Study (2008).
- Development ages generated by Snapshot have been correlated to a range of standardized language and cognitive assessment instruments (see table at right). The average correlation was .93. All correlations were significant at the p<0.01 level (two-tailed).
- Reliability was tested over a two-year period, with test/retest correlation averaging .93.

Snapshot has proven highly useful to help identify potential risk for language delays, as a progress monitoring tool, and to measure effectiveness of interventions both short- and long-term.

<table>
<thead>
<tr>
<th>Assessment</th>
<th>N</th>
<th>Correlation</th>
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</thead>
<tbody>
<tr>
<td>PLS-4 Receptive Language</td>
<td>51</td>
<td>.93</td>
</tr>
<tr>
<td>PLS-4 Expressive Language</td>
<td>51</td>
<td>.92</td>
</tr>
<tr>
<td>REEL-3 Receptive Language</td>
<td>75</td>
<td>.96</td>
</tr>
<tr>
<td>REEL-3 Expressive Language</td>
<td>75</td>
<td>.96</td>
</tr>
<tr>
<td>Child Development Inventory Receptive Language</td>
<td>143</td>
<td>.84</td>
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<tr>
<td>Child Development Inventory Expressive Language</td>
<td>142</td>
<td>.81</td>
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<tr>
<td>Clinical Linguistic and Auditory Milestone Scale</td>
<td>52</td>
<td>.97</td>
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<tr>
<td>Cognitive Adaptive Test</td>
<td>52</td>
<td>.95</td>
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<tr>
<td>Overall Average</td>
<td></td>
<td>.93</td>
</tr>
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</table>
Online portal improves access and streamlines administration.

As frequently as once a month, a unique hyperlink containing an encrypted organization code and custom ID number can be embedded in any email or text message communications sent to parents, who then complete the Snapshot online.

- A secure online portal simplifies administration and data management
- URLs fit seamlessly into existing communication channels and allow complete control of the timing and sequence of communication
- Snapshot Reports provide data on metrics like standard score, percentile, and Developmental Age and can be shared with families at user option
- Reports and assessment are available in English and Spanish

Where can I learn more?

Read more about the Snapshot in the following documents:


Helping improve early language and lives—worldwide.

LENA technology is the worldwide “gold standard” for reliably measuring early talk environments. It’s been called a “talk pedometer” because it gives feedback that helps caregivers improve interactive (serve-and-return) talk. The LENA System comprises a compact digital recorder and clothing for convenient wear, software to turn the recording into data and delete the audio record, and a secure web-based system for data-access and program management.

“Our mission is to accelerate language development in children birth to three, in order to improve their cognitive, social, and emotional health and to close opportunity gaps.”