

Infant Toddler Sensory Profile Score Sheet

Understanding the Infant Toddler Sensory Profile Score Sheet

Every child experiences the world through their senses—touch, sound, sight, smell, taste, movement, and body awareness. For some infants and toddlers, processing sensory information comes naturally. For others, everyday experiences like being held, hearing a vacuum cleaner, or trying new foods can feel overwhelming or even distressing. This is where the **Infant Toddler Sensory Profile Score Sheet** becomes an invaluable tool for parents, caregivers, and professionals. Designed to assess how young children respond to sensory input, this standardized measure helps identify patterns of sensory processing that may support or hinder development. In this article, we will explore every aspect of the Infant Toddler Sensory Profile Score Sheet—its purpose, structure, administration, interpretation, and practical applications—so you can understand how to use it effectively to support a child's unique sensory world.

What Is the Infant Toddler Sensory Profile?

The Infant Toddler Sensory Profile is a caregiver questionnaire developed by occupational therapist Dr. Winnie Dunn. It is part of a family of sensory profile tools that span from infancy through adulthood. The Infant Toddler version is specifically designed for children from birth to 36 months of age. The accompanying **Infant Toddler Sensory Profile Score Sheet** is the document used to

record and calculate a child's responses, turning caregiver observations into meaningful scores that reflect sensory processing patterns.

The assessment is grounded in Dunn's Model of Sensory Processing, which proposes that sensory processing arises from the interaction between a person's neurological threshold (how much sensory input is needed to respond) and their behavioral response (active or passive). This model yields four basic patterns: low registration, sensation seeking, sensory sensitivity, and sensation avoiding. The score sheet organizes information into these quadrants, helping clinicians and families understand a child's unique sensory profile.

Key Components of the Infant Toddler Sensory Profile Score Sheet

The score sheet is more than just a list of questions—it is a structured record that guides interpretation. Below are the main elements you will encounter:

- **Caregiver Questionnaire:** The actual assessment consists of about 15–25 items (depending on the specific form) that ask caregivers to rate how often their child engages in certain behaviors. Responses are given on a 5-point Likert scale (e.g., Almost Always to Almost Never).
- **Quadrant Scoring Sections:** The score sheet groups items into four sensory processing quadrants: Low Registration, Sensation Seeking, Sensory Sensitivity, and Sensation Avoiding. Each quadrant reflects a specific combination of threshold and response.
- **Sensory Section Scores:** In addition to

quadrants, the score sheet may include separate scores for auditory, visual, tactile, vestibular, and oral sensory processing. This provides a more granular view of which sensory systems may be affected.

- **Classification Ranges:** Raw scores are compared to normative data to determine if a child falls within the typical range, or shows a definite difference, probable difference, or typical performance. The score sheet often includes a table or chart for this classification.
- **Summary and Notes Area:** Many score sheets include space for the administrator to write observations or additional comments, making it a living document for ongoing assessment.

How to Administer and Score the Assessment

Using the **Infant Toddler Sensory Profile Score Sheet** requires careful attention to procedure. The assessment is typically completed by a parent or primary caregiver who knows the child's daily behaviors well. A trained professional—often an occupational therapist—then scores and interprets the results.

1. **Gather the materials:** You will need the official questionnaire booklet (or digital form), the score sheet, and the scoring manual with norm tables for the child's exact age range.
2. **Obtain caregiver input:** Ask the caregiver to complete the questionnaire based on the child's behavior over the past month. Encourage honest responses; there are no right or wrong answers.
3. **Transfer responses to the score sheet:** Each item on the questionnaire corresponds to a specific quadrant and sensory section. The score sheet provides a grid or list where you record the numeric value of each response.
4. **Sum the scores:** Tally the scores for each quadrant (Low Registration,

Sensation Seeking, etc.) and for each sensory category (auditory, visual, etc.). The score sheet will have clear summing instructions.

5. **Compare to normative data:** Using the manual, find the age-appropriate norm table. Locate the raw score for each quadrant and determine the classification (typical, probable difference, definite difference).
6. **Document findings:** Write the classification for each quadrant on the score sheet. Note any patterns or extreme scores that require further evaluation.

Interpreting the Results: What the Scores Mean

The real power of the **Infant Toddler Sensory Profile Score Sheet** lies in interpretation. Each quadrant tells a story about how the child processes sensory input.

Low Registration

Children with a pattern of low registration have a high neurological threshold and a passive self-regulation strategy. They may seem unaware of sensory input—for example, not reacting to a loud noise or failing to notice a wet diaper. On the score sheet, high scores (indicating frequent behaviors) in this quadrant suggest a possible low registration pattern.

Sensation Seeking

Sensation seeking also involves a high threshold, but the child actively seeks out sensory input to meet that threshold. These children may love spinning, jumping, or touching everything. The score sheet will show elevated scores in this quadrant if the caregiver often endorses items like “enjoys being swung” or “seeks out rough play.”

Sensory Sensitivity

A low threshold combined with a passive

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response leads to sensory sensitivity. Such children notice sensory input easily and may be distracted or bothered by things others ignore—like tags on clothing or background noises. Higher scores in this quadrant indicate hypersensitivity.

Sensation Avoiding

With a low threshold and an active response, sensation avoiders try to limit sensory input. They may cover their ears, avoid certain textures, or become upset in crowded environments. The score sheet will capture items like “avoids being touched” or “becomes distressed in noisy places.”

It is important to note that a child can show characteristics of more than one quadrant. The score sheet helps identify the dominant pattern, which then guides intervention strategies.

Practical Uses for Parents and Professionals

The **Infant Toddler Sensory Profile Score Sheet** is not just a diagnostic tool—it is a bridge to understanding. Here are some ways it is used in practice:

- **Early intervention planning:** When a child shows definite differences in sensory processing, the results inform occupational therapy goals. For example, a child with low registration may benefit from activities that provide strong, consistent sensory input to help them engage.
- **Parent education:** The score sheet helps parents see that their child’s challenging behaviors are not intentional but are rooted in sensory processing differences. This reduces blame and increases empathy.
- **Classroom and daycare support:** Teachers and caregivers can use the profile to adapt the environment—reducing sensory overload

or adding calming activities—to help the child participate more fully.

- **Monitoring progress:** Re-administering the questionnaire after intervention allows comparison of score sheet results over time, showing whether targeted strategies are working.

Benefits and Limitations of the Infant Toddler Sensory Profile Score Sheet

Like any assessment tool, this score sheet has strengths and potential drawbacks.

Benefits:

- Based on a well-researched theoretical model (Dunn’s Model of Sensory Processing).
- Standardized with normative data for infants and toddlers from birth to 36 months, making scores reliable.
- Easy for caregivers to complete without professional jargon.
- Provides a holistic view of sensory processing across multiple systems.
- Can be used in clinical, home, and school settings.

Limitations:

- The questionnaire relies on caregiver report, which can be subjective. A parent’s own sensory preferences may color their responses.
- It does not directly measure the child’s sensory processing in real time; it is a report of observed behaviors.
- Cultural differences in child-rearing may affect how behaviors are interpreted or reported.
- The score sheet is most useful when combined with clinical observation and other assessments, not as a standalone diagnosis.

Tips for Accurate Scoring and

Interpretation

To get the most out of the **Infant Toddler Sensory Profile Score Sheet**, keep these best practices in mind:

- Always use the correct normative table based on the child's exact age in months. Even a three-month difference can change classification.
- Ensure that the caregiver understands the rating scale. Use examples if necessary.
- Check for missing items; if more than a few are left blank, the quadrant scores may be invalid.
- Do not overinterpret borderline scores. A "probable difference" suggests a need for monitoring but may not indicate a disorder.
- Combine score sheet results with direct observation and clinical history for a comprehensive evaluation.

Conclusion

The **Infant Toddler Sensory Profile Score Sheet** is a powerful, user-friendly tool that sheds light on how very young children experience and respond to sensory input. By systematically recording caregiver observations and translating them into meaningful patterns, this score sheet helps parents, therapists, and educators move from confusion to clarity. Whether you are a clinician developing an intervention plan or a parent seeking to understand your child's unique reactions, the score sheet offers a structured path forward. Remember that sensory processing is not about fixing a child—it is about adapting the environment and interactions to meet their needs. When used with care and professional guidance, the Infant Toddler Sensory Profile Score Sheet can be the first step in creating a more comfortable, engaging, and supportive world for every infant and toddler.