

The Carey Temperament Scales-Software Reports

The Carey Temperament Scales comprise a series of questionnaires designed to assess temperament in infancy and childhood. Each measures the nine NYLS temperament characteristics: Activity Level, Regularity, Approach-withdrawal, Adaptability, Intensity, Mood, Persistence, Distractibility, and Sensory Threshold. The five questionnaires in the series are: EITQ: The Early Infancy Temperament Questionnaire-1 to 4 months of age RITQ: The Revised Infant Temperament Questionnaire-4 to 11 months of age TTS: The Toddler Temperament Scale-1 to 3 years BSQ: The Behavioral Style Questionnaire-3 to 7 years MCTQ: The Middle Childhood Temperament Questionnaire-8 to 12 years.

Software is available in three versions to score and interpret the results of the any of the 5 questionnaires in any combination. The programs are the Quickscore, which generates raw scores identical to the hand scoring method, Profile Writer, which provides a report which includes standard scores and the name and definition of each of the categories, and Report Writer, which creates two reports, one for the Professional and one for the Caregiver, if appropriate. Software is sold in limited use quantities of 25 or 100 for diskettes that score all 5 questionnaires. Unlimited use diskettes are available for Profile Writer and Report Writer that score a single questionnaire (e.g., EITQ unlimited, TTS unlimited, etc.). Software requires input of the identifying information on the child and the rater's responses, a process that takes 2-4 minutes, compared with about 15 minutes by hand. This document contains examples of all 3 software reports. The three reports are from the same Carey Temperament Scales questionnaire, rating a (fictitious) youngster named **Jennifer Sample**.

Report Writer

The report shows a bargraph with the results of the ratings, followed by a list of each of the category scores in descending order of difference from the mean. Scores that are considered significant are given an interpretation with suggestions for handling the behavior and a statement regarding the possible positive aspects of the characteristic. The general impressions made by the rater are also printed for comparison with the actual temperament ratings.

This example illustrates the Professional Report. The CTS Report Writer also prints out a Caregiver Report with each use. It is the same as the Professional Report but does not contain the results of the validity checks done by the software for missing data, social desirability and ratings/perceptions discrepancies.

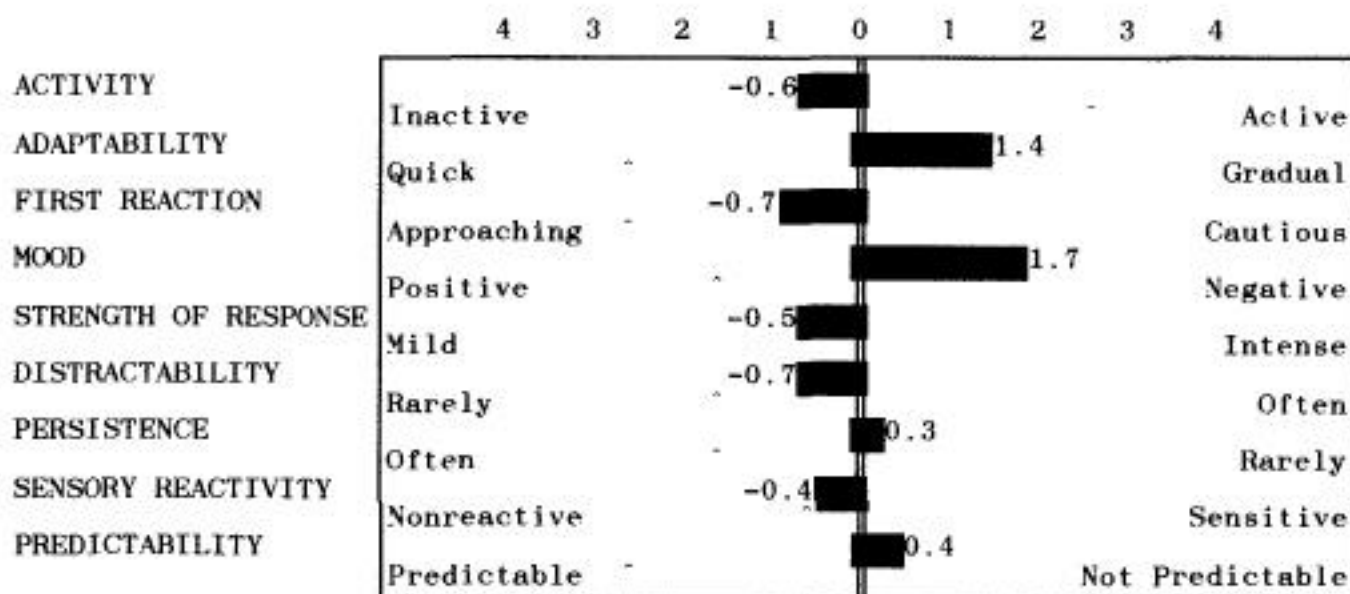
Profile Writer

This report also shows the temperament profile expressed as a deviation from the mean. Below is the bargraph with the name and definition of each of the nine temperament characteristics. This profile is suitable for research use and when the report will not be shared with the caregiver.

Quickscore

Quickscore reports replace the scoring and profile sheets used with the CTS questionnaires. The bargraph is printed showing the general level of deviation from the mean but prints the RAW category score at the end of the bar. This report is for researchers and professional use only as it is not suitable for interpretation by most parents.

PROFESSIONAL REPORT 01/10/96
 Temperament Profile for
 Name: Jennifer Sample
 Age: 9 years and 9 months
 Rater: Mother



Middle Childhood Temperament Questionnaire

Bar shows questionnaire results

^ shows rater's general impression

Scale: A 1 on this graph indicates 17 children in 100 have more extreme scores than this child. (2=3 in 100 3=1 in 100 4=1 in 1000).

This report contains results of the caregiver's ratings of this child's behavioral style or temperament. It tells about the behavioral reactions the rater has observed over a period of time. The report organizes and summarizes these observations. Although usually a clear view, the child's behavior patterns may change over time or the ratings may not be a totally accurate picture of the child's behavior. It is important for the caregiver and the professional to work together to obtain a complete view of the child and the meaning of the results.

Understanding these areas will be MOST helpful in explaining this child's behavior.

Mood
 (High/Negative) This score indicates a child who tends to be negative in quality of mood with reactions more often tending toward distress or discomfort. Parents should not feel responsible for this temperament characteristic nor guilty about the child's apparent distress. Parents did not cause this disposition nor can they 'fix' it. Differences between real distress or acceptance may be indicated by such factors as length of time pursuing an activity. Be aware that signs of real concern may be hidden by the generally negative emotional expression.

Adaptability
 (High/Nonadaptable/Gradual) This child's score indicates slowness to

know what to expect next. A child who adapts gradually has a strong sense of self which, if properly shaped, helps protect her from being swayed by others.

Understanding these areas will be LESS important in explaining this child's behavior.

First Reaction (Approach/Withdrawal)

(Midrange) At times Jennifer appears comfortable with novelty, while at other times she may withdraw until sizing up the situation. You may notice, for instance that she is quite willing to meet new people but may be wary of new foods. In any case, only after the novelty wears off can you evaluate her interest. It is unlikely that reactions to newness are causing problems for Jennifer at this time.

Distraction Level

(Mid range) Jennifer shows a mixture of sometimes being distracted and sometimes not. Distractions may include sights, sounds, irrelevant events, nearby conversations, etc. It is unlikely that distraction level is causing problems for Jennifer at this time.

Activity Level

(Midrange) Jennifer enjoys a wide range of activities, both active and inactive. Help her find activities which take full advantage this wide-ranging activity potential. It is unlikely that her activity level is causing problems for Jennifer at this time.

Intensity of Expression

(Midrange) The level of Jennifer's emotional reactions, from mild to intense, is usually related to her actual level of concern, rather than to the temperament trait. It is unlikely that strength of response is causing problems for Jennifer at this time.

Daily Biological Cycles (Rhythmicity)

(Midrange) Jennifer may have a mixture of routines in eating, sleeping and elimination - sometimes consistent and sometimes inconsistent, but none to a marked degree. She does not have a strong need for routines, nor does she have trouble staying on a schedule. You probably enjoy the flexibility this allows. It is unlikely that biological cycles are causing problems for Jennifer at this time.

Sensory Reactivity (Threshold)

(Midrange) Jennifer reactions to light, sound, touch, temperature, smell or feel may vary. There may be specific situations where reactions to sensory stimulation are unusually strong and others where she shows no reaction at all. It is unlikely that response to sensory stimulation is creating a problem for Jennifer at this time.

Persistence Level

(Midrange) Sometimes Jennifer may focus on tasks or activities for only brief periods. At other times she is able to concentrate for longer periods. When Jennifer has difficulty focusing, focus on the quality of her work rather than on the amount of time she spent. Persistence or nonpersistence are not likely to be a concern with your child.

This profile information is based on research in temperament and on scores on the Middle Childhood Temperament Questionnaire (c) by Robin L. Hegvik, Ph.D., Sean C. McDevitt, Ph.D. and William B. Carey, M.D., 1980. All rights reserved. If your perceptions of Jennifer vary with the above information, please discuss these differences with your professional. In general, the greater the number for a given trait, the more you will be aware of that trait.

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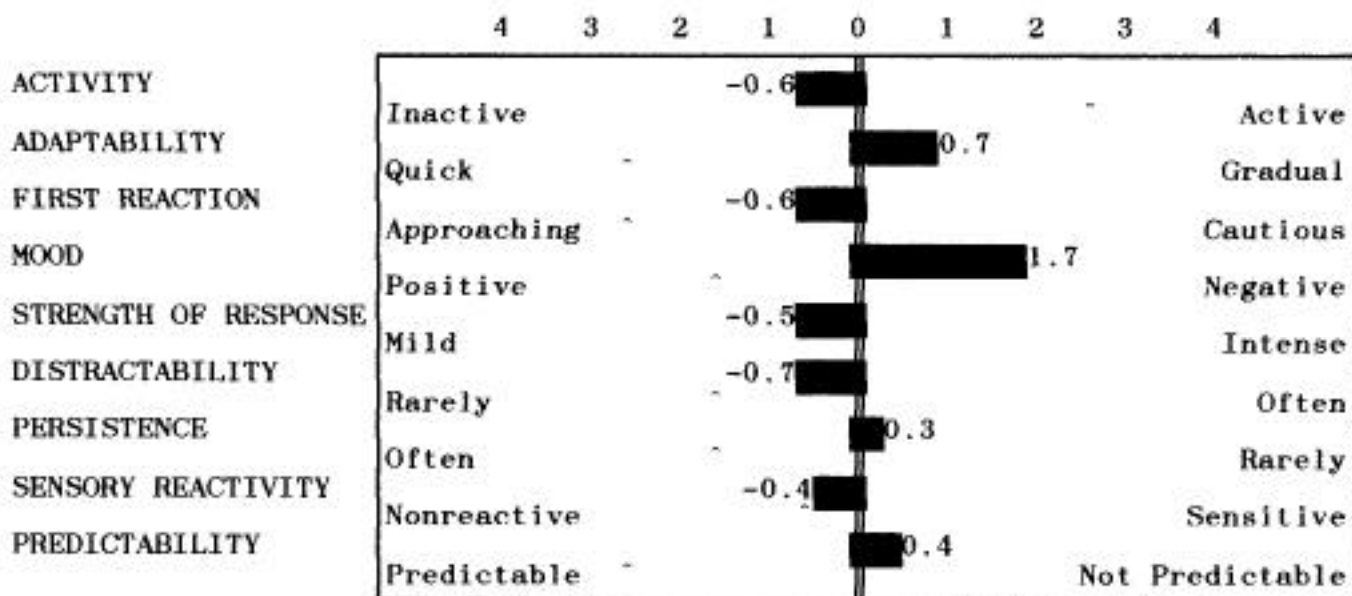
14636 North 55th Street

Scottsdale, AZ 85254

1-800-405-2313

1-602-494-2688 fax

PROFILE REPORT 01/10/98
 Temperament Profile for
 Name: Jennifer Sample
 Age: 9 years and 9 months
 Rater: Mother



Middle Childhood Temperament Questionnaire

Bar shows questionnaire results. ^ shows rater's general impression.

Scale: A 1 on this graph indicates 17 children in 100 have more extreme scores than this child. (2=3 in 100 3=1 in 100 4=1 in 1000).

Activity: The amount of physical motion during sleep, eating, play, dressing, bathing, etc.

Adaptability: The ease or difficulty with which reactions to stimuli can be modified in a desired way.

Approach/Withdrawal: The nature of initial responses to new stimuli - people, situations, places, foods, toys, procedures.

Mood: The amount of pleasant or unpleasant behavior in various situations.

Intensity: The energy level of responses regardless of quality or direction.

Distractibility: The effectiveness of extraneous environmental stimuli in interfering with ongoing behaviors.

Persistence/Attention Span: The length of time particular activities are pursued by the child with or without obstacles.

Sensory Threshold: The amount of stimulation, such as sounds, light, taste, smell or feel, necessary to evoke discernable responses in the child.

Predictability/Quality of Organization: The regularity with which daily routines follow a predictable course from day to day or week to week.

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This computer scoring profile is provided by:

Behavioral-Developmental Initiatives

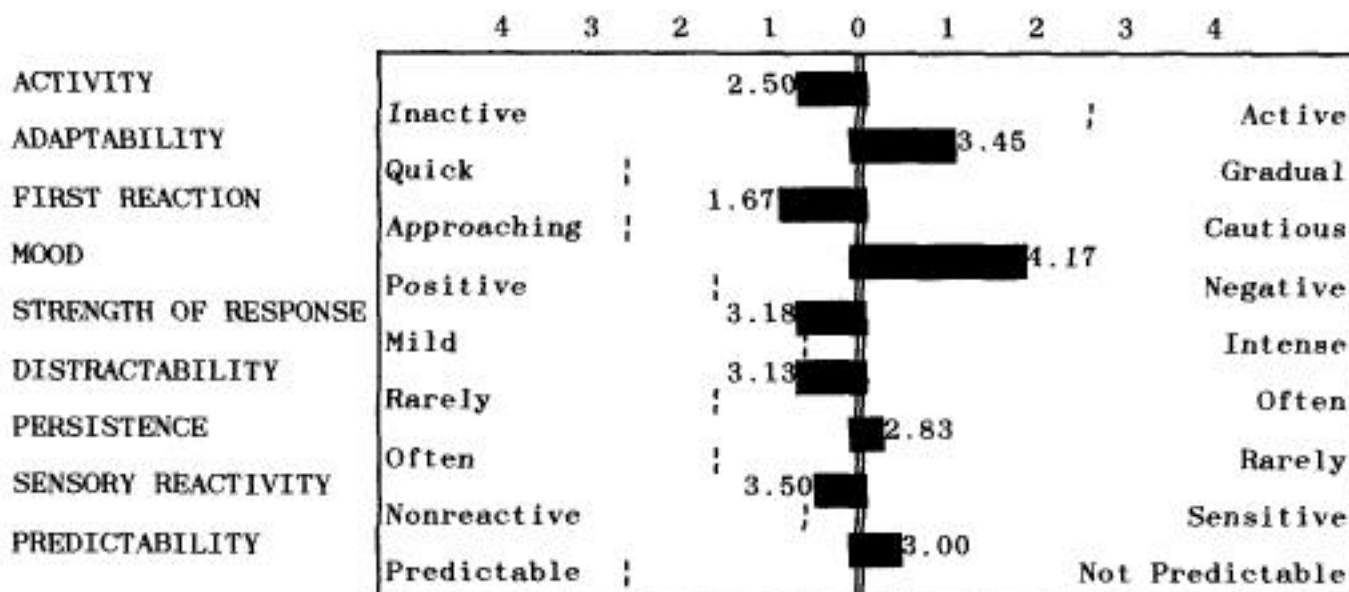
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QUICKSCORE REPORT 01/10/98
 Temperament Profile for
 Name: Jennifer Sample
 Age: 9 years and 9 months
 Rater: Mother
 Subject#:



Manageability Impression: Somewhat Easy

Middle Childhood Temperament Questionnaire

Bar shows questionnaire results. ; shows rater's general impression.
 NOTE: In the graph above, the numbers given are the RAW scores for each category. The bars in the graph show the deviation from the mean using STANDARD (z) scores so that the categories can be compared with one another.

Middle Childhood Temperament Questionnaire (c) Robin L. Hegvik, Ph.D., Sean C. McDevitt, Ph.D. and William B. Carey, M.D., 1980-95. All rights reserved.

The Carey Temperament Scales software and questionnaires are available from: B-DI, 14636 North 55th Street SCOTTSDALE, AZ 85254
 800-405-2313; 602-494-2688 fax