

# **CEFI:** Comprehensive Executive Function Inventory Full Profile Review

---

Generated: 2024-12-01 10:46:02

## **Name of the measure**

CEFI: Comprehensive Executive Function Inventory

## **Author(s) / Publisher(s)**

- English original (US): <https://storefront.mhs.com/collections/cefi>

Author: J. A. Naglieri, & S. Goldstein.

Publisher: Multi-Health Systems Inc. (MHS)

- Italian translation (IT)

Author: S. Taddei, & C. Primi.

Publisher: Giunti Psychometrics

## **Age Range**

3-7 years

## **Age Range Information**

5 to 18 years

## **SEL Skills targeted**

Self-management

## **Scales and Subscales**

It includes three rating scales:

-- Parent form for ages 5 to 18

-- Teacher form for ages 5 to 18

-- Self-report form for ages 12 to 18.

Each form contains 100 items on a Likert-type scale. Ninety of the items on each form are distributed among the following nine scales:

Attention (12 items)

Emotion regulation (9 items)

Flexibility (7 items)

Inhibitory control (10 items)

Initiation (10 items)

Organization (10 items)

Planning (11 items)

Self-monitoring (10 items)

Working memory (11 items).

Scores from these scales can be used to pinpoint targets for intervention, and a full score is also calculated. In addition, a consistency index, a negative impression scale, and a positive impression scale are provided.

## Sources of information

Child, Parent, Teacher

## Formats for administration

Questionnaire

## Administration

Individual

Group

15 minutes

In the original version, CEFI can be administered online, sent through email, or completed on paper.

## Scoring

Manual, Electronic

## Psychometric Properties

The analyses for the Italian adaptation are in progress.

Original version:

Parent Full Scale  $\alpha = .98$

Teacher Full Scale  $\alpha = .99$

Self-Report Full Scale  $\alpha = .97$

Test-retest reliability:

Parent Full Scale  $r = .91$

Teacher Full Scale  $r = .90$

Self-Report Full Scale  $r = .77$

Comparisons were conducted between clinical samples (ADHD, ASD, Mood Disorder) and matched general population samples. CEFI is sensitive to differences in executive function behaviours between the general population and these clinical groups.

## Strengths and Weaknesses

The CEFI is a comprehensive behaviour rating scale of executive functions strengths and weaknesses. It can be used in a variety of settings (clinical, educational, and research contexts) for diagnostic evaluations, planning and monitoring for intervention programs.

The original CEFI was developed with the lowest reading level possible (4th and 5th Grade), while ensuring that all relevant information was covered.

It is a rating scale based on behaviours observed and/or self-reported, so executive functions are subjectively assessed, without neuropsychological tools. Some complementary tools are needed to complete the assessment.

## Citation

This document was generated from the database used to create the Assessment Measures Compendium:

Koltcheva, N., C. Peixoto, V. Coelho, (2022). Social and Emotional Competences and Development of Children Aged Zero to Seven: European Assessment Measures Compendium. EU-SELF Project. ISBN 978-619-233-217-4 (can be downloaded from <https://euself.nbu.bg>)