

Early Childhood Outcomes (ECO) in First Steps and ECSE

January 2013



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Topics

This presentation will address the following topics:

- Definition of early childhood outcome (ECO)
- Description of ratings
- Determination of ratings using a decision tree
- Reporting the ratings

Handouts: MOSS form and Decision Tree

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ECO is. . .

A process of using **a variety of information** in order to:

- ❑ Identify the child's abilities upon entrance into First Steps or ECSE,
- ❑ Determine the child's progress throughout the program,
- ❑ Identify the child's abilities upon exiting First Steps or ECSE,

in **3 areas**:

- ❑ Positive social-emotional skills
- ❑ Acquisition and use of knowledge and skills
- ❑ Use of appropriate behaviors to meet needs

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Outcome Area #1

Positive Social-Emotional Skills

This means a child is able to:

- ❑ Behave in a way that allows him/her to participate in a variety of settings and situations (playground, dinner, grocery store, child care, etc)
- ❑ Build and maintain relationships with other children and adults
- ❑ Understand and follow rules
- ❑ Communicate his/her wants and needs effectively

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Outcome Area #2

Acquisition and Use of Knowledge & Skills

This means a child is able to:

- Explore his/her environment
- Show curiosity and an eagerness for learning
- Explore and play with people and objects (toys, books, other materials, etc)
- Learn new skills and use these skills in play (completing a puzzle, building a fort, etc)
- Show imagination and creativity in play

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Outcome Area #3

Use of Appropriate Behaviors to Meet Needs

This means a child is able to:

- Seek help when necessary to move from place to place to participate in everyday activities and play
- Meet self-care needs (feeding, dressing, toileting)
- Use objects (spoons, sticks, pencils, crayons, clay, switches, etc) as tools in appropriate ways
- Use gestures, sounds, words, signs or other means to communicate wants and needs
- Follow rules related to health and safety (crossing streets, washing hands)

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When is ECO collected? Entry

All children eligible for First Steps or ECSE (with the potential to be in the program at least 6 months) receive ECO ratings.

ENTRY FOR FIRST STEPS

- ❑ First Steps collects information once child is determined eligible. The date of the **First Steps entry** is the initial IFSP date.

ENTRY FOR ECSE

- ❑ Referred from First Steps. ECSE and First Steps collaborate to collect information for ECSE entry. The date of the **ECSE entry** is the initial IEP date.
- ❑ Referred from other source. ECSE collects information once child is determined eligible. The date of the **ECSE entry** is the initial IEP date or within 30 days from start of IEP services.

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When is ECO collected? Exit

EXIT FOR FIRST STEPS

- ❑ First Steps and ECSE collaborate to collect information for First Steps exit. The date of the **First Steps exit rating** is within 30 days before the child leaves First Steps.

EXIT FOR ECSE

- ❑ ECSE collects information to rate the child for ECSE exit. The date of **ECSE exit rating** is within 30 days before the child leaves ECSE.

NOTE: It is helpful to collect progress information throughout the child's participation in First Steps or ECSE in order to determine necessary changes to services, but it is not required to report additional collection points.

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What is collected for ECO?

Information collected must include:

- ❑ **multiple sources of information**, including parent input, professional observation and assessment results using informal and/or formal measures
- ❑ **functional abilities**, or meaningful information about the child's **everyday functioning** with an emphasis on how the child is able to integrate behaviors and skills
- ❑ information that reflects **the child's typical, everyday functioning** across **multiple** settings

Summarize the information on the MOSS form.

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The MOSS Form

Missouri Outcomes Summary Sheet (MOSS)

Entry: _____ Date _____ Exit: _____ Date _____

Child Information:

Name: _____
Last _____ First _____ Middle Initial _____

Date of Birth: _____

MOSS ID # ECSE: _____

Child ID First Steps: _____

District/SPOE Name: _____

Persons involved in deciding the summary ratings:

Name	Role

Information on child functioning (check all that apply):

- Review of existing data
- Assessment results
- Parent input
- Professional observation

Record final rating:

OSEP Indicator	Entry Rating	Exit Rating
1. Positive Social-Emotional Skills		
2. Acquiring and Using Knowledge and Skills		
3. Taking Appropriate Action to Meet Needs		

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MOSS Form: Page 1

Child Information:

Name: _____
 Last First Middle Initial

Date of Birth: _____

MOSIS ID/ECSE: _____

Child ID/First Steps: _____

District/SPOE Name: _____

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MOSS Form: Page 2

1. Positive Social-Emotional Skills (Including Social Relationships)

Involves:

- Relating with adults
- Relating with other children
- For older children – following rules related to groups or interacting with others

Includes areas like:

- Attachment/Separation/Autonomy
- Expressing emotions and feelings
- Learning rules and expectations
- Social interaction and play

Summary Box

Date	Child Chronological Age	Source of Information	Summary of Relevant Information	Functional Age Or Age Equivalent (Optional)

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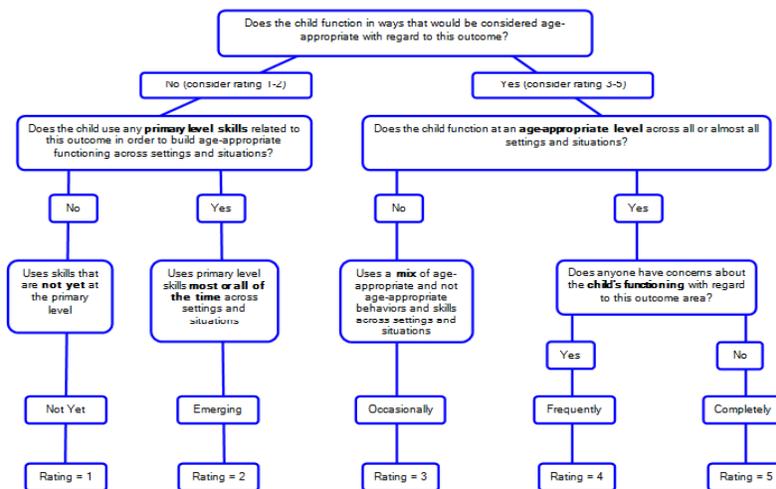
What happens after information is collected and summarized on MOSS?

- ❑ The next step is to determine ratings in each of the 3 outcome areas.
- ❑ Missouri uses a 5-point scale with rating descriptions of:
 - 1 – **Not Yet** (*does not attempt*)
 - 2 – **Emerging** (*attempts if prompted*)
 - 3 – **Occasionally** (*some of the time*)
 - 4 – **Frequently** (*most of the time*)
 - 5 – **Completely** (*all of the time/typical*)

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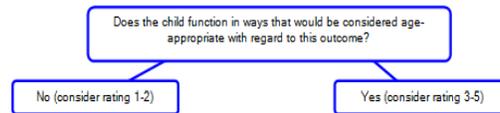
How to determine a rating?

Decision Tree for ECO Rating Discussion



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Using a Decision Tree



The first step is to ask:

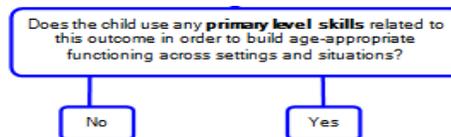
Does the child function in ways that would be considered **age-appropriate** with regard to this outcome?

NO
(consider rating 1-2)

YES
(consider rating 3-5)

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If answered No. . .



Then the second step is to ask:

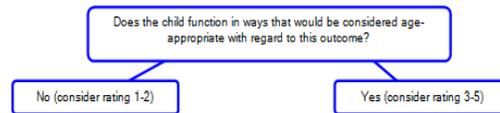
Does the child **use any primary level skills** related to this outcome in order to build age-appropriate functioning across settings and situations?

NO
Child uses skills **not yet**
at the primary level
(consider rating 1)

YES
Child uses skills **at**
the primary level
(consider rating 2)

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Using a Decision Tree



The first step is to ask:

Does the child function in ways that would be considered **age-appropriate with regard to this outcome?**

NO
(consider rating 1-2)

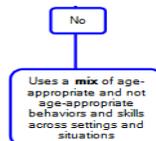
YES
(consider rating 3-5)

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If answered Yes. . .

Then the second step is to ask:

Does the child **function at an age-appropriate level across all or almost all settings and situations?**



NO
Child uses a **mix of age-appropriate and not age-appropriate** behaviors and skills
(consider rating 3)

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OR

Does the child function at an age-appropriate level across all or almost all settings and situations?

Does anyone have concerns about the child's functioning with regard to this outcome area?

Yes No

YES

Then the third step is to ask:

Does anyone have **concerns** about the child's functioning in this outcome area?

YES

Frequently uses skills
(consider rating 4)

NO

Completely uses skills
(consider rating 5)

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MOSS Form: Page 2

Determining a Percentage of Delay (Optional – See Instructions)

Step 1	Step 2	Step 3
Functional Age (FA) _____ Chronological Age (CA) _____	Divide FA by CA = _____ _____ x 100 = _____	100 - _____ = % delay
Example: FA = 4 years, 1 month (49 mos.) CA = 5 years, 0 months (60 mos.)	FA / CA = 49 / 60 = .817 .817 x 100 = 81.7	100 - 81.7 = 18.3% delay

To what extent does this child show age-appropriate functioning, across a variety of settings and situations, on this outcome? (Circle one number)

1	Not Yet (Does not attempt)	71-100% delay
2	Emerging (Attempts when prompted)	51-70% delay
3	Occasionally (Some of the time)	31-50% delay
4	Frequently (Most of the time)	11-30% delay
5	Completely (All of the time/typical)	0-10% delay

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MOSS Form: Page 1

Missouri Outcomes Summary Sheet (MOSS)

Entry: _____ Date _____ Exit: _____ Date _____

Record final rating:

OSEP Indicator	Entry Rating	Exit Rating
1. Positive Social-Emotional Skills		
2. Acquiring and Using Knowledge and Skills		
3. Taking Appropriate Action to Meet Needs		

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Take-away Points: Collection

Key Point: Recognize the **3 outcome areas**

Key Point: Collect a variety of information from at least **3 sources** (parent input, professional observation, assessment results)

Key Point: Document the information that was collected on the **MOSS form**

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Take-away Points: Ratings

Key Point: Use the **decision tree** to ask questions about a child's level of functioning in each of the 3 outcome areas

Key Point: Determine **appropriate entry ratings** for every eligible child with the potential to participate in First Steps or ECSE for at least 6 months. Determine **appropriate exit ratings** within 30 days before the child exits First Steps or ECSE.

Key Point: One rating for each of the **3 outcome areas** = 3 ratings at entry and 3 ratings at exit

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What Happens After the Rating is Completed on the MOSS?

Report **Entry and Exit** data

First Steps (SPOE) – enter data in WebSPOE as it is completed throughout the year. Entry data required at initial IFSP and exit data required before close electronic record

ECSE (District) – submit via the MOSIS June Student Core file due June 30th

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What Happens to the Data?

- ❑ DESE synthesizes the data to calculate **summary statements** which are compared to state targets in the **State Performance Plan (SPP)**.
 - **Statement 1:** Children entered program below age expectation, substantially increased rate of growth by the time they exited program.
 - **Statement 2:** Children functioning within age expectation by the time they exited program.
- ❑ **State-level data** are reported in the **Annual Performance Report (APR)** for Part C and Part B.
- ❑ **Local-level data** are reported in the Part B district profiles and the Part C public reporting.

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Wrap Up: ECO Step-by-Step

- Step 1.** Collect a variety of information from 3 sources
- Step 2.** Summarize information that was collected on the MOSS form
- Step 3.** Use the Decision Tree to determine a rating
- Step 4.** Complete the MOSS
- Step 5.** Report the data

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More information. . .

Missouri SPP/APR

<http://dese.mo.gov/se/SPPpage.html>

Missouri ECO Page

<http://dese.mo.gov/divspeced/ECOtraining.html>

National ECO Center

<http://projects.fpg.unc.edu/~eco/index.cfm>

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Additional Questions?

For First Steps:

sefirststeps@dese.mo.gov

For ECSE:

seep@dese.mo.gov



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