



HOW TO REVIEW THE

ASQ-3™


ASQ REVIEW & OREGON FOLLOW-UP GUIDE

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Webinar Objectives

- Review background on need for review and follow-up standardization with the ASQ.
- Learn how to quickly review a completed ASQ for accuracy.
- Learn key features of ASQ to support interpretation of screening
- Review recommendations for ASQ follow-up that align with Oregon's eligibility criteria.



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What are the ASQ-3 (and ASQ:SE)?

- Parent- or caregiver-completed screening tools that encourage parent/caregiver involvement.
- Series of questionnaires for children ages 1 month to 5 ½ years (6 for ASQ:SE).
- Tools that accurately identify children at risk for developmental and behavioral delays.

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Need for ASQ Review and Follow-up Guide

A study by OPIP indicated some Oregon health care providers were concerned about over-referrals to EI/ECSE based on ASQ results.

Why so many over-referrals?

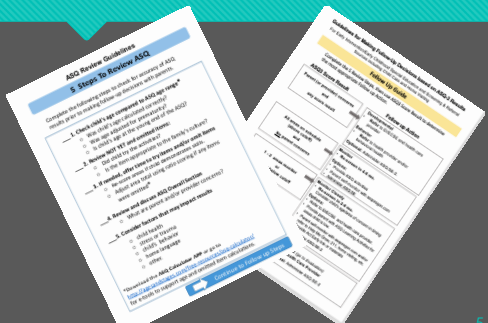
Possible explanations:

- 1) Some administration methods/settings present challenges to accurate completion.
- 2) Lack of knowledge, time or systems to check for common administration errors.
- 3) Oregon is a “no screening state” for Part C
- 4) Oregon's eligibility criteria: ASQ & Bright Futures recommends referral for 1 area below cutoff.



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To address this concern,
the **ASQ Review and Follow-up Guide** was developed
(ODE, ASQ authors, EI/ECSE contractors, OPIP participated in development)



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Who can use the ASQ Review and Follow-up Guide?

- EI/ECSE providers in Oregon
- Oregon providers: home visitors, childcare providers, parent support providers
- Health Care Providers (limited use)
 - ASQ Review Guide is recommended
 - HCP's should use Oregon Pediatric Improvement Partnership's (OPIP) Follow-up Guidelines.
 - Contact opip@ohsu.edu , or
 - Visit OPIP's website oregon-opip.org

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ASQ Review Guidelines

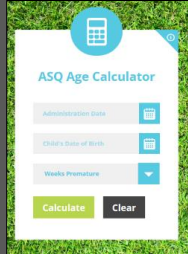
5 Steps To Review ASQ

Complete the following steps to check for accuracy of ASQ results prior to making follow-up decisions with parents.

- 1. Check child's age compared to ASQ age range***
 - Was child's age calculated correctly?
 - Is child's age at the young end of the ASQ?
- 2. Review NOT YET and omitted items:**
 - Did child try the activities?
 - Is the item appropriate to the family's culture?
- 3. If needed, offer time to try items and/or omit items:**
 - Re-score areas if child demonstrates skills.
 - Adjust area total using ratio scoring if any items were omitted**
- 4. Review and discuss ASQ Overall Section**
 - What are parent and/or provider concerns?
 - Factors that may impact results

1. Check child's age compared to ASQ age range*

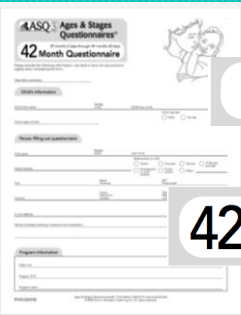
- Was child's age calculated correctly and correct ASQ administered?
- Was age adjusted for prematurity?
- Is child's age at the young or older end of ASQ window?



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Verify child's age is correct for the ASQ

Age ranges vary per interval




4 Month Questionnaire

42 Month Questionnaire

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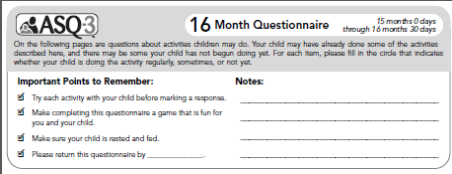
2. Review NOT YET and omitted items

- Did child have time/materials needed to try the activities?
- Is the item appropriate to the family's culture or parenting practices?



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Following "Important Points" is key to accurate completion of ASQ



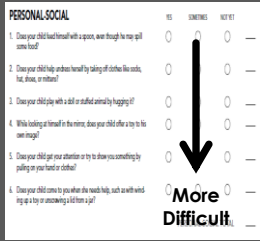
16 Month Questionnaire

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Structure of ASQ-3 Domains

Questions are ordered in a hierarchy

- The first 4 questions are below average skills for a child that age
- Questions 5 & 6 are average skills for child of that age (i.e., a 16-month skill for a 16-month child)



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Did child have opportunity to try items?

Because the ASQ assesses below average/average skills, asking about opportunity to try skills is an important first step to minimize the potential for over-referrals.

**NOT
YET?**

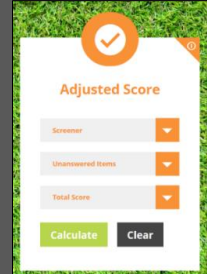


**WHY
NOT?**

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3. If needed, offer time to try items and/or omit items

- o **Re-score areas** if child demonstrates skills.
- o **Adjust area total** if items need to be omitted because of parenting practices/beliefs/customs



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4. Review and Discuss ASQ Overall Section

- o What are responses to overall section?
- o What are parent concerns?
- o What are provider concerns?



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ASQ-3 Overall Section

- Un-scored, but equally important to review and follow-up with as domain scores!
- Overall section provides **qualitative** information. (e.g. quality of speech, movement)
- Identifies parent concerns:
 - ➔ Parent concerns are predictive of developmental delays, learning disabilities, behavioral delays.
- Concerns/red flags indicate need for follow-up

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ASQ-3 Overall Indicators Table
ASQ-3™ User's Guide, Table 6.3 (page 73)

ASQ-3 Intervals	Overall question	Possible indicator of	Examples of referrals
2 -14	Does your baby use both hands/legs equally well?	Cerebral palsy	Health care provider; motor specialist
4 -14	Do you have concerns that your baby is too quiet, or does not make sounds like other babies?	Hearing impairment, communication delay, Autism	EI/ECSE; SLP; audiologist
30 - 60	Can other people understand most of what your child says?	Articulation delay; speech language disorder	EI/ECSE; SLP; audiologist

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5. Consider other factors that may impact results



- o child health
- o stress or trauma
- o child's behavior
- o family structure, parenting practices, home language
- o other.

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Guidelines for Making Follow-Up Decisions based on ASQ-3 Score Result to determine Follow Up Guide

For Early Intervention/Early Childhood Special Education and Screening Sources including Child Care and Home Visiting

Complete the 5 Review Steps, then use ASQ-3 Score Result to determine the most appropriate Follow Up Action.

ASQ-3 Score Result Parent (or provider) concerns and any score result	Follow Up Action <ul style="list-style-type: none"> Developmental: Refer to EI/ECSE and health care provider Behavior: Refer to health provider and/or behavioral health Optional: Administer ASQ:SE-2
All areas on schedule (above cutoff) and No parent concerns	<ul style="list-style-type: none"> Monitor: Re-screen in 4-6 mo. Options: <ul style="list-style-type: none"> Provide ASQ activities Parent self-monitor with asqoregon.com Administer ASQ:SE
	<ul style="list-style-type: none"> Monitor Closely: Re-screen in 2-6 mo. Options: <ul style="list-style-type: none"> Refer to EI/ECSE and health care provider. Provide parent with ASQ Learning Activities for child in low. Refer to Help Me Grow; 211, home visiting, etc. Monitor with asqoregon.com and/or materials

ASQ-3 and ASQ:SE-2 Domains

ASQ-3

- Communication
 - Expressive
 - Receptive
- Gross motor
- Fine motor
- Problem solving
- Personal-social
 - Adaptive
 - Social

ASQ:SE-2
Social-emotional development



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Features: ASQ-3 Summary Sheet

- Each questionnaire has unique summary sheets
- Each questionnaire has unique Means, SD's & cutoffs

CUTOFF

2SD
Below
Mean/
Cutoff

1SD
Below
Mean

MEANS
always in
white area

1. SCORE AND TRANSFER TOTALS TO CHART BELOW: If item responses are YES = 10, SOME YES = 5, NOT YES = 0. Add item scores, and record each total in the chart below. Transfer the total scores, and fill in the circles corresponding to the total scores.

Area	Cutoff	Total Score	0	5	10	15	20	25	30	35	40	45	50	55	60
Communication	16.81	30													
Gross Motor	37.91	50													
Fine Motor	31.98	35													
Problem Solving	30.51	40													
Personal-Social	26.43	54													

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Follow Up Guide

ASQ-3 Score Result	Follow Up Action
Parent (or provider) concerns and any score result	<ul style="list-style-type: none"> Developmental: Refer to EI/ECSE and health care provider Behavior: Refer to health provider and/or behavioral health Optional: Administer ASQ:SE-2.

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Follow Up Guide

ASQ-3 Score Result	Follow Up Action
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Follow Up Guide

ASQ-3 Score Result	Follow Up Action
1 - 2 areas monitor or 1 area below cutoff	<ul style="list-style-type: none"> Monitor Closely: Re-screen in 2-6 mo. Consider child's age/area of concern in timing Options: <ul style="list-style-type: none"> Refer to EI/ECSE and health care provider. Provide parent with ASQ Learning Activities for areas child is low. Parent self-monitor with asqoregon.com and/or refer to Help Me Grow; 211, home visiting, etc. Provide Act Early link or materials Administer ASQ:SE-2

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Follow Up Guide

ASQ3 Score Result

Follow Up Action

3 or more areas monitor, or
 1 area well-below cutoff, or
 2 or more areas below cutoff

Refer

- EI/ECSE (go to Evaluation) and Health Care Provider

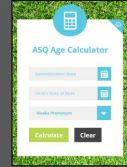
Optional: Administer ASQ:SE-2

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Review and Follow-up Resources

ASQ Age Calculator

- Download on phone from APP stores
- Age Calculator online on agesandstages.com



ASQ Follow-up activities

- Oregon Screening Project -See Provider Toolkit free ASQ-3 play activities osp.uoregon.edu
- Purchase ASQ-3 Learning Activities through brookespublishing.com

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Resources: osp.uoregon.edu (asqoregon.com)

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Resources: www.agesandstages.com

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For More Information, Please Contact:

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