

Developmental and Mental Health Screening

Minnesota Department of Human Services
Children's Mental Health Division
&
Maternal and Child Health Assurance Unit



Minnesota Department of **Human Services**

Screening: Developmental and Socio-Emotional

Developmental Screening Tools

- Generally discriminate those children with developmental delays and those who appear to be developing typically
- May include numerous domains expected to be affected by developmental delay
- Identify children in need of further assessment



Screening: Developmental and Socio-emotional

Socioemotional Screening Tools

- Intended to identify children whose socioemotional development is delayed and/or whose mental health development is at risk
- May include specific aspects of social and emotional functioning, appropriately developmentally scaled
- Identify children in need of further assessment



Screening for Socioemotional Development

- Screening is a relatively brief process designed to identify children who are at increased risk of having disorders that warrant immediate attention, intervention, or comprehensive review



Screening, Continued

- Identifying the need for further assessment is the primary purpose for screening
- Screening instruments are never used to diagnose or “label” a child
- Screening informs parents and those working with families about aspects of development needing further assessment



Socioemotional Screening: Current Practice

Survey by Betsy Murray, M.D. (2006):

- Responses from 590 primary care providers (38% return rate)
- 80% endorsed as best practice “the use of at least one standardized screening tool, with some frequency, with at least one age group during well or ill visits”
- Approximately one-third described selves as familiar with at least one standardized tool



Socioemotional Screening: Current Practice

- Self-reported % of visits routinely screened, by technique (descending order)
 - Interview parent (>90%)
 - Clinical observation
 - Interview child
 - Review of systems
 - Denver-II
 - Practice-developed instrument (c. 30%)



Socioemotional Screening: Current Practice

Identified barriers to screening:

- Time (93%)
- Training in screening tools (88%)
- Availability of mental health providers (79%)
- Lack of adequate personnel (77%)
- Lack of comfort with managing identified children (71%)
- Lack of appropriate reimbursement (66%)



Screening: Addressing the Barriers

- Choosing Tools
- Cost/Reimbursement
- Office Work Flow/Time



Addressing Barriers: Tools

- Criteria
- Consensus
- Practice issues



Screening Instrument Criteria

- 15 minute or less administration
- Good psychometric properties
- Minimal cost
- Targeted
- Easy scoring



Screening Criteria, continued

- Cultural/linguistic data
- Covers age span
- Minimal expertise to administer
- Ease of administration



MN Recommended Developmental Screening Tools



The screenshot shows the Minnesota Department of Health website. The header includes the MDH logo and navigation links. The main content area is titled "Developmental Screening of Young Children in Minnesota" and features logos for the Minnesota Department of Human Services, Minnesota Department of Education, and Minnesota Department of Health. The page includes an overview of developmental screening, a list of recommended screening instruments, and a list of related programs.

Minnesota Department of Health
Protecting, maintaining and improving the health of all Minnesotans

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Developmental Screening

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Maternal & Child Health Section

Minnesota Children With Special Health Needs

Developmental Screening of Young Children in Minnesota



Overview

Developmental screening is a brief, simple procedure used to identify potential health or developmental problems in infants and young children who may need a health assessment, diagnostic assessment, or educational evaluation.

The screening process:

- Provides an opportunity for young children and their families to access a wide variety of services and early childhood programs; and
- Promotes and supports parents' understanding of their child's health, development, and learning.


The developmental screening [instruments](#) described here are recommended by the Minnesota Department of Health (MDH) for use in comprehensive screening programs for children in Minnesota. These screening programs include, but are not limited to:


- [Child and Teen Checkups/EPSDT \(DHS, MDH\)](#)
- [Early Childhood Screening \(MDE\)](#) **Attention:** Non-MDH link
- [Follow Along Program \(MDH\)](#)
- [Head Start \(MDE\)](#) **Attention:** Non-MDH link

The [Minnesota Department of Education \(MDE\)](#) and the [Minnesota Department of Human Services \(DHS\)](#) endorses the recommendations made by the [Minnesota Department of Health](#).



MN Recommended Developmental Screening Tools: At a Glance





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Maternal & Child Health Section

Minnesota Children With

Developmental Screening of Young Children in Minnesota

[Printer-Friendly Version \(PDF: 81KB/1 page\)](#)

Developmental Screening Instruments for Young Children in Minnesota -- At a Glance

This chart can be used to assist in determining the most appropriate instrument for your screening needs. The recommended instruments are listed on the left, and are separated into "Developmental" and "Social-Emotional" categories. Once you have determined which instruments may work for your program and meets specific program requirements, please refer to the instrument profiles and/or comparison grids for further information.

		Observational Instrument	Parent Report Instrument	Social-Emotional Instrument	Infants (Under 1 year)	Toddlers (1 to 3 years)	Pre-school (3 to 5 years)	Available in multiple languages	Approved for ECS	State Recommended for Head Start	Approved for Follow Along	Approved for C&TC
DEVELOPMENTAL	<u>Brigance Screens</u>	√			√	√	√	√	√	√		Developmental screening is a required component
	<u>DIAL - 3</u>	√					√	√	√	√		
	<u>Early Screening Inventory-Revised</u>	√					√	√	√	√		
	<u>Early Screening Profiles</u>	√				√*	√		√	√		
	<u>FirstSTEP Preschool Screening Tool</u>	√					√		√	√		
	<u>MPSI-R</u>	√					√	√	√	√		



Minnesota Developmental Screening Task Force

- Membership: MN Departments of Health, Human Services, and Education and University of MN, Irving B. Harris Center for Infant and Toddler Development
- Recommended developmental and mental health screening tools reviewed and approved by all agencies according to agreed upon criteria
- <http://www.health.state.mn.us/divs/fh/mch/devscrn/>



Early Childhood Screening “Synergy”

- Consensus among DHS Child Welfare Screening and ABCD II grant, MDH Follow Along Program, and Minnesota Head Start Association in endorsing Ages and Stages Questionnaire – Socioemotional (ASQ-SE)
 - Squires, J., Bricker, D. and Twombly, E.;
Brookes Publishing Company



ASQ-SE, continued

- Age-specific questionnaires completed by caregivers, scored automatically or by paraprofessional
- Forms for 6, 12, 18, 24, 30, 36, 48, 60 months; each form covers +/- 3-6 months of target age
- 7 areas: self-regulation, compliance, communication, adaptive functioning, autonomy, affect, and interaction with people



ASQ-SE, continued

- Properties:
 - Norms: 3,014 preschool children, representing 2000 census for family income, education and ethnicity
 - Reliability: test-retest = .94
 - Validity: average sensitivity = .78; average specificity = .95
- Low cost proprietary instrument: \$125/kit, with unlimited reproduction of forms
- www.pbrooks.com or 800.638.3775



Addressing Barriers: Cost/ Reimbursement

- Screening Codes
- Incentives



Developmental and Mental Health Screening Code -- 96110

- DHS pays for the 96110 code when an objective developmental or mental health screening occurs
- Both may be performed and billed on the same day
- Bill 96110 for developmental screening, 96110 w/UC modifier for mental health screening



Developmental and Mental Health Screening Code -- 96110

- Other payers in MN also cover objective developmental & mental health screening
- Managed care contracts for 2007 include:
 - \$20 incentive for each developmental screening in encounter data (96110 code) above the percentage last year
 - \$25 incentive for each mental health screening in encounter data (96110 code w/ UC modifier)



Addressing Barriers: Office Work Flow/Time

Minnesota Pilots:

- Co-located mental health professionals
- Use of technology
 - Tablets [Patient Tools]
 - CentraCare work with CHADDIS
 - Integration with EMR



Addressing Barriers: Referrals

Multiple models:

- Co-located mental health professional or care coordinator
- Central point of access in community
- Establishing relationships with community providers



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