



Appendix 2: PHDS tools and resources



CAHMI Contact Information

- **Website: www.cahmi.org**
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For more information on the development of the PHDS and quality measures included in the PHDS, refer to the following publications, review the CAHMI website (www.cahmi.org) or contact the CAHMI:

- Bethell C, Reuland C, Schor E. Assessing health system provision of well-child care: The Promoting Healthy Development Survey. *Pediatrics*. 2001 May; 107(5):1084-94.
- Bethell C, et al. Partnering with Parents to Promote the Healthy Development of Young Children Enrolled in Medicaid. September 2002. Available at:
http://www.cmwf.org/programs/child/bethell_partnering_570.pdf
- Bethell, C, et al, Measuring the quality of preventive and developmental services for young children: National estimates and patterns of clinicians' performance. *Pediatrics*. 2004 Jun;113(6 Suppl):1973-83.
- Reuland C, Bethell C. Key Measurement in Screening, Referral, and Follow-Up for Care for Young Children's for Children's Social and Emotional.
http://www.nashp.org/Files/measurement_paper_for_web_final_4.7.05.pdf
- Blumberg SJ, Halfon N, Olson LM. The National Survey of Early Childhood Health *Pediatrics*. 2004 Jun;113(6 Suppl):1899-906.
http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=15173460&query_hl=5&itool=pubmed_docsum
- Kogan MD et. al. Routine assessment of family and community health risks: parent views and what they receive. *Pediatrics*. 2004 Jun;113(6 Suppl):1934-43. Erratum in: *Pediatrics*. 2005 Sep;116(3):802.
http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=15173464&query_hl=1&itool=pubmed_docsum

- Halfon N et. al. Assessing development in the pediatric office. Pediatrics. 2004 Jun;113(6 Suppl):1926-33.
http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=15173463&query_hl=4&itool=pubmed_docsum
- Zuckerman B et. al. Prevalence and correlates of high-quality basic pediatric preventive care. Pediatrics. 2004 Dec;114(6):1522-9.
http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=15574610&query_hl=5&itool=pubmed_docsum

For more information about the Promoting Healthy Development Tools and Implementation Guidelines, visit the CAHMI website for the following documents:

- Promoting Healthy Development Survey Toolkit
<http://cahmi.org/ViewDocument.aspx?DocumentID=128>
- In-Office Administration of the Reduced-Item Promoting Healthy Development Survey (ProPHDS) Manual
<http://cahmi.org/ViewDocument.aspx?DocumentID=184>
- Promoting Healthy Development Survey-PLUS (PHDS-PLUS) Implementation Guidelines
http://www.commonwealthfund.org/publications/publications_show.htm?doc_id=463475
- Measure of Standardized Developmental and Behavioral Screening: Users Tip Sheet <http://cahmi.org/ViewDocument.aspx?DocumentID=69>

Examples of reports and presentations highlighting how the PHDS has been used and key findings:

- A comprehensive list of references used in the development of the Promoting Healthy Development Survey.
<http://cahmi.org/ViewDocument.aspx?DocumentID=162>
- Background on the Promoting Healthy Development Survey, which measures the quality of preventive and developmental care for young children. <http://cahmi.org/ViewDocument.aspx?DocumentID=183>
- The PHDS-PLUS is a telephone administered version of the PHDS. The PHDS-PLUS contains additional items about the child's health and health care utilization and items asking the parent about their health and other socio-demographic characteristics.
<http://www.cahmi.org/pages/Topics.aspx?section=8&topic=82&parent=8>

- Learn how the PHDS has been implemented in pediatric offices.
<http://cahmi.org/ViewDocument.aspx?DocumentID=135>
- Get quick information about the PHDS.
<http://cahmi.org/ViewDocument.aspx?DocumentID=54>
- This slideshow was presented at the 2001 Association of Maternal and Child Health Programs annual meeting and provides background information on the PHDS. It also describes how the PHDS was implemented in Washington state.
<http://cahmi.org/ViewDocument.aspx?DocumentID=201>
- This slideshow describes how CAHMI worked with the Maine Medicaid program to implement the PHDS for quality assessment and improvement purposes. <http://cahmi.org/ViewDocument.aspx?DocumentID=203>
- This report highlights key findings from a state-wide PHDS survey to parents of Medicaid clients in Washington State.
<http://cahmi.org/ViewDocument.aspx?DocumentID=136>
- A presentation at the National Initiative for Children's Healthcare Quality (NICHQ) Annual Forum about work CAHMI is doing with pediatric offices to implement the PHDS as part of their quality improvement strategies.
<http://cahmi.org/ViewDocument.aspx?DocumentID=43>
- This presentation is about how the PHDS can be used at a state level for various quality measurement and improvement purposes. This Users Liason Program meeting was sponsored by the Agency for Healthcare Research and Quality (AHRQ) and coordinated by National Academy for State Health Policy.
<http://cahmi.org/ViewDocument.aspx?DocumentID=202>
- A poster presentation on the development and testing of the Promoting Healthy Development Survey in three health plans. Presented at the AcademyHealth (formerly Association for Health Services Research) 2001 annual meeting. <http://cahmi.org/ViewDocument.aspx?DocumentID=205>
- Summary of Interviews & Focus Groups with Parents of Young Children: Reporting the Promoting Healthy Development Survey (PHDS) Findings to Parents. <http://cahmi.org/ViewDocument.aspx?DocumentID=167>
- A summary of CAHMI's practice-level Promoting Healthy Development Survey (PHDS) project.
<http://cahmi.org/ViewDocument.aspx?DocumentID=135>
- More than 19 pediatric and family medicine practices in Vermont will receive practice-specific data findings as a result of this project. Learn how the PHDS was implemented and some of its high level findings.
<http://cahmi.org/ViewDocument.aspx?DocumentID=142>

For more information on national guidelines and recommendations measures by the PHDS:

Federal Maternal and Child Health Bureau's Bright Futures

- <http://www.brightfutures.org/bf2/about.html>
- Green M, ed. Bright Futures: Guidelines for Health Supervision of Infants, Children and Adolescents. Arlington, VA: National Center for Education in Maternal and Child Health; 1994.
- Important Note: The Bright Futures recommendations are currently being revised by the American Academy of Pediatrics. For information about the update recommendations, please review the following resource:
<http://brightfutures.aap.org/web/>

American Academy of Pediatrics Health Supervision Guidelines

- <http://www.aap.org>
- American Academy of Pediatrics. Guidelines for health supervision III. Chicago, IL: American Academy of Pediatrics; 1997.

US Preventive Services Task Force

- <http://www.ahrq.gov/clinic/uspstfix.htm>
- U.S. Preventive Services Task Force. Guide to Clinical Preventive Services, 2nd ed. Washington, DC: Office of Disease Prevention and Health Promotion, U.S. Government Printing Office, 1996.

For more information about national surveys that have incorporated items from the PHDS:

National Survey on Early Childhood Health (NSECH)

- <http://www.cdc.gov/nchs/about/major/slait/nsech.htm>

National Survey of Children's Health

- <http://www.cdc.gov/nchs/about/major/slait/nsch.htm>
- <http://www.nschdata.org/Content/Default.aspx>

For more information about improvement efforts focused on preventive and developmental services:

Note: The list below only represents those organizations that the CAHMI has worked with in considering how the PHDS fits within their models for improvement and is not a full listing of quality improvement resources related to preventive and developmental health care.

Center for Health Care Quality

- Established at Cincinnati Children's Hospital Medical Center, the center is a resource for health care providers throughout the world to make the highest-quality care a reality for children and their families. The Center for Health Care Quality is the result of a merger of the Center for Children's Healthcare Improvement, formerly based at the University of North Carolina at Chapel Hill, and the [Center for Health Policy and Clinical Effectiveness](#) at Cincinnati Children's, which not only does improvement work but also conducts research into interventions that improve health outcomes in the community and the home.

<http://www.cincinnatichildrens.org/svc/alpha/h/health-policy/>

UCLA Center for Healthier Children, Families and Communities (CHCFC).

- The Center is a multi-disciplinary program of the UCLA School of Medicine, Department of Pediatrics and the UCLA School of Public Health, dedicated to improving society's ability to provide children with the best opportunities for health and well-being, and the chance to assume productive roles within families and communities.
<http://www.healthychild.ucla.edu/>
- **Specific Report of Interest:** Quality of Preventive Health Care for Young Children: Strategies for Improvement, Neal Halfon, M.D., M.P.H., Moira Inkelas, Ph.D., M.P.H., Melinda Abrams, M.S., and Gregory Stevens, Ph.D., M.H.S., The Commonwealth Fund, May 2005 Quality of Preventive Health Care for Young Children: Strategies for Improvement:
http://www.cmwf.org/publications/publications_show.htm?doc_id=275484

Healthy Development Collaborative

- A Practical Guide for Improving Child Developmental Services.
http://www.cmwf.org/tools/tools_show.htm?doc_id=372065

Healthy Steps Model

- Healthy Steps for Young Children is a national initiative aimed at enhancing the quality of preventive health care for infants and toddlers. Established with Commonwealth Fund support, the program emphasizes a close relationship between health care professionals and parents in addressing the physical, emotional, and intellectual development of children from birth to age 3.
http://www.cmwf.org/general/general_show.htm?doc_id=246567 OR
<http://www.healthysteps.org>

Help Me Grow

- Help Me Grow Roundtable: Promoting Development through Child Health Services Supplement to the Journal of Developmental and Behavioral Pediatrics. http://www.cmwf.org/publications/publications_show.htm?doc_id=379780

National Initiative for Children's Health Care Quality

- The National Initiative for Children's Healthcare Quality (NICHQ) is an education and research organization dedicated solely to improving the quality of health care provided to children. Founded in 1999, NICHQ's mission is to eliminate the gap between what is and what can be in health care for all children. <http://www.nichq.org>

Vermont Child Health Improvement Program

- The Vermont Child Health Improvement Program (**VCHIP**) is a population-based child and adolescent health services research and quality improvement program of the University of Vermont. VCHIP's mission is to optimize the health of Vermont's children by initiating and supporting measurement-based efforts to enhance private and public child health practice. <http://www.med.uvm.edu/vchip/HP-DEPT.asp?SiteAreaID=513>