

## RESEARCH PROJECTS THAT HAVE USED PARENTS' EVALUATION OF DEVELOPMENTAL STATUS (PEDS)

Title	Brief description
Early Childhood in Foster and Kinship Care (2015)	PEDS will be used with foster and kinship carers of young children who have not yet commenced their first year of school across Australia. The study aims to investigate participation in early learning and care programs, support for early learning offered in kinship care and foster care homes and the developmental status and wellbeing of foster and kinship care children. This research is being undertaken by the University of Melbourne and the Berry Street Childhood Institute.
New Zealand Health Survey - Child Developmental Health module (2012-2013, 2013-2014, 2014-2015, 2015-2016)	Population based survey. The New Zealand Health Survey is a cross-sectional survey of New Zealand adults and children. Parents will complete PEDS as part of a face to face interview about their children.
Early Childhood Development Assessment and Screening - Everyone's Business (2014 - 2015)	Universal surveillance of CALD families in SE Sydney. Ten supported playgroup coordinators linked to NGOs and working with CALD families will undertake developmental surveillance using PEDS.
A systematic review of the prevalence of parental concerns measured by the Parents' Evaluation of Developmental Status (PEDS) indicating developmental risk (2014)	<p>This systematic review sought to identify the prevalence of parental concerns about their children's development, as measured by the PEDS, along with identifying associated risk factors. 37 studies were ultimately included in the review, with over 210,000 subjects in total. Nearly 14% of parents raised concerns associated with high developmental risk and overall more than 31% raised concerns associated with either high or moderate risk of developmental problems. A variety of individual, family and service level risk factors were identified.</p> <p><a href="http://link.springer.com/article/10.1186%2F1471-2431-14-231">http://link.springer.com/article/10.1186%2F1471-2431-14-231</a></p>
Learning to Talk (2012 – 2014)	Longitudinal project of toddlers with and without early language delay. The aim of this research project is to identify factors that may put children at risk of having continuing speech and language difficulties – and from an earlier age than is currently possible. The PEDS is part of the tools used to assess children at 24-30 mos of age and again at 42-48 mos. <a href="#">click here</a>
Evaluation of the Cradle to Kinder and Aboriginal Cradle to Kinder programs (2013 – 2016)	This project evaluates two new ante and postnatal support services designed to provide intensive family and early parenting support to vulnerable young mothers from pregnancy through to when their child reaches four years of age. <a href="#">click here</a>
Implementing Preventive Healthcare for Young Children in General Practice (2014 - )	<p>A pilot study educating and encouraging up to 20 General Practitioners to use PEDS as part of the Healthy Kids Check or in routine consultations.</p> <p><a href="http://www.biomedcentral.com/1471-2296/16/94">http://www.biomedcentral.com/1471-2296/16/94</a></p>

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ACT Kindergarten Health Check - program data collection & analysis (2014 – 2018)	PEDS is being used in a State funded clinical service program, as part of a parent answered survey completed prior to a physical health check at school, at the start of the child's first year of school. PEDS data will be used for program evaluation.
Sound Start: Innovative technology to promote speech and pre-literacy skills in at risk pre-schoolers Speaking My Language: International speech acquisition in Australia (2013-15)	PEDS used to screen for suitable participants for the Sound Start intervention and as a parent report measure to compare with other assessments of children's speech and language. The research is undertaken by Charles Sturt University.
Validation of the Child's Challenging Behaviour Scale (2011 -)	PEDS was selected as a way to stratify children with yet unidentified developmental problems. This research is still in progress and PEDS data is not yet analysed. The research is being undertaken by a Senior Lecturer at Monash University.
Exploring Stakeholders' Views Regarding Newborn and Infant Screening for Genetic Conditions Causing Delays in Development (2011 -)	This study explores how parents concerned about their children's development view newborn and infant screening for genetic conditions. Research is being undertaken by the Murdoch Children's Research Institute.
School-age Children Conceived via IVF and by Embryo Biopsies for Pre-implantation: Genetic Diagnosis (2011-12)	This study utilises a questionnaire that includes PEDS to explore the health and development of school-age children who were conceived via IVF and Embryo Biopsies. This research was undertaken by the Murdoch Children's Research Institute.
Assessment of Medium-term Health and Development Outcomes for a Cohort of NICU survivors in Fiji (2010 -)	This study assesses use of the PEDS as a screening tool for detection of developmental delay in a group of newborn intensive care survivors (aged 2-4 years) and control newborns. The research is undertaken by The Royal Children's Hospital, Melbourne.
Children and Parents at Hospital: Improving Health and Wellbeing (CAPOH) (2010)	This study compares hospitalised children receiving usual care to those receiving an extended model of care. All children were under 12 years old and experiencing stress in addition to their illness. The research was undertaken by The Royal Children's Hospital, Melbourne.
Study of Environment on Aboriginal Resilience and Child Health (SEARCH) (2008-10)	This study investigated the health and wellbeing of Aboriginal infants, children, adolescents and families living in urban communities in New South Wales. The research is a collaboration between the Coalition for Research to Improve Aboriginal Health (CRIA) Steering Group (comprising the Aboriginal Health and Medical Research Council and the Sax Institute), the NSW Department of Health, the University of Sydney and six Aboriginal Medical Services across New South Wales.  <a href="http://www.healthinfonet.ecu.edu.au/key-resources/programs-projects?pid=1180">http://www.healthinfonet.ecu.edu.au/key-resources/programs-projects?pid=1180</a>

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<p>Growing up in Australia: The Longitudinal Study of Australian Children (2009)</p>	<p>This research followed two cohorts of children who are broadly representative of the Australian population. The research hoped to add to the understanding of early childhood development, inform social policy debate and help to identify opportunities for early intervention and prevention strategies in policy areas concerning children. The research was undertaken by the Australian Institute of Family Studies. <a href="http://www.growingupinaustralia.gov.au/">http://www.growingupinaustralia.gov.au/</a></p>
<p>Trackwell: Feasibility of neurobehavioral screening following diagnosis of paediatric cancer (2008)</p>	<p>This study aimed to assess the feasibility of implementing baseline neurobehavioural screening following childhood cancer diagnosis. The research was undertaken by the Department of Paediatrics, University of Melbourne. <a href="http://www.ncbi.nlm.nih.gov/pubmed/22238124">http://www.ncbi.nlm.nih.gov/pubmed/22238124</a></p>
<p>Developmental Screening Tools in Remote Indigenous Communities (2008)</p>	<p>This study aimed to test the suitability of the PEDS questionnaire and Brigance developmental screening tool in remote Indigenous communities. The study was undertaken by researchers at Menzies School of Health Research and Charles Darwin University. <a href="http://onlinelibrary.wiley.com/doi/10.1111/j.1440-1754.2010.01883.x/pdf">http://onlinelibrary.wiley.com/doi/10.1111/j.1440-1754.2010.01883.x/pdf</a></p>
<p>Footprints in time: the Longitudinal Study of Indigenous Children (2008 – )</p>	<p>This study follow Indigenous children annually with the aim of understanding what contributes to positive outcomes for Indigenous children and their families. The study is undertaken by the Australian Department of Families, Housing, Community Services and Indigenous Affairs (FaHCSIA) <a href="http://www.fahcsia.gov.au/lpic">http://www.fahcsia.gov.au/lpic</a></p>
<p>“Sound Effects” Investigating Speech Impairment in Early Childhood (2007 – 09)</p>	<p>This study asked teachers and parents the PEDS questions in order to identify children with speech impairment. The study complements and extends findings from Wave 1 of the Longitudinal Study of Australian Children (Kindergarten Cohort). The study was undertaken by researchers at Charles Sturt University. <a href="http://www.ncbi.nlm.nih.gov/pubmed/23813192">http://www.ncbi.nlm.nih.gov/pubmed/23813192</a>     <a href="http://www.ncbi.nlm.nih.gov/pubmed/21563899">http://www.ncbi.nlm.nih.gov/pubmed/21563899</a></p>
<p>Evaluation of an Assessment Instrument (2007)</p>	<p>This study evaluates the assessment of the PEDS tool with two children. Research undertaken by a fourth year Bachelor of Early Childhood Studies student, Melbourne.</p>
<p>Measuring Early Childhood Development in Refugee Children (2007)</p>	<p>This study measured the utility of PEDS and other developmental screeners with preschool-age children born overseas who have refugee status. Research undertaken by a Master of Public Health student, University of Western Australia.</p>
<p>Gudaga Study: Describing Health, Development &amp; Service Use of Urban Aboriginal Children (2005 -)</p>	<p>This study is a longitudinal birth cohort study based in south-western Sydney. PEDS has been used at four time points in the study (3½, 4, 4½ and 5 years). The study is being undertaken by researchers at the University of New South Wales, Centre for Primary Health Care and Equity <a href="http://www.earlychildhoodconnect.edu.au/aboriginal-child-health/the-gudaga-study/about-the-gudaga-study">http://www.earlychildhoodconnect.edu.au/aboriginal-child-health/the-gudaga-study/about-the-gudaga-study</a></p>