

Nurse Family Partnership vs. MESCH Side by Side Comparison

Prepared by NFP on 4.17.18

	Nurse-Family Partnership (NFP)	Maternal Early Childhood sustained Home Visiting (MESCH)
<p>Evidence of effectiveness</p> <p>Per HomVee Study As of 9/2017</p> <p>(http://homvee.acf.hhs.gov/)</p>	<ul style="list-style-type: none"> • Maternal health • Child health (• Child development & school readiness • Reductions in Child Maltreatment • Reductions in juvenile delinquency, family violence, and crime • Positive parenting practices • Family economic self-sufficiency • Linkages and referrals 	<ul style="list-style-type: none"> • Maternal health • Child health • Positive parenting practices <p>NOT MEASURED:</p> <p>Child Development & school readiness</p> <p>Reductions in Child Maltreatment</p> <p>Reductions in juvenile delinquency, family violence, and crime</p> <p>Family economic self-sufficiency</p> <p>Linkages and referrals</p>
National Headquarters	<p>Denver, Colorado USA</p> <p><i>Replication started in United States in 1996 and programs are operating in 42 US states</i></p>	<p>Sydney, Australia</p> <p>VT is the only state in the US that implements MESCH</p>
Targeted Population	<p>First time, low-income pregnant women prior to 28 weeks gestation, through birth and infant/child up to 23 months</p>	<p>Low-income pregnant women, through birth and infant/child up to 23 months</p>
Qualifications of Home Visitor	<p>Registered nurses specially trained in NFP model, nurses must have Bachelor's degree in Nursing (BSN)</p>	<p>Registered nurses trained in MESCH model, Nurses must have Bachelor's degree</p>
VT Clients currently served/ clients served (to date)	<p>220 clients currently served/ 691 families served since 2012</p> <p>The decision to eliminate NFP programs in Vermont will cause 200 families to lose services in 12 out of 14 Vermont counties, and will also result in 12 nurses to lose their jobs or be transferred to other positions.</p> <p><i>(over 270,000 families have been served across the United States since replication began in the US in 1996).</i></p>	<p>32 clients currently served/ 80 families served since 2016</p>
Background/ Services offered	<p>NFP is an evidence-based community health program that is implemented in 42 states and is backed by over 40 years of randomized control trial research and over 20 years of experience</p>	<p>MESCH is an Australian model, not currently implemented in any other states</p>

	<p>implementing an evidence-based model with fidelity requirements.</p> <p>Each mother is paired with a specially trained nurse early in her pregnancy and receives ongoing home visits until her child reaches the age of 2.</p> <p>NURSE-FAMILY PARTNERSHIP GOALS:</p> <ol style="list-style-type: none"> 1. Improve pregnancy outcomes by helping women engage in good preventive health practices, including thorough prenatal care from their healthcare providers, improving their diets, and reducing their use of cigarettes, alcohol and illegal substances; 2. Improve child health and development by helping parents provide responsible and competent care; and 3. Improve the economic self-sufficiency of the family by helping parents develop a vision for their own future, plan future pregnancies, continue their education and find work. 	<p>(From their website) MECSH provides individualized, home-based services focusing on parent education, maternal health and well-being, family relationships, and goal setting. In addition, the nurse home visitors implement the Learning to Communicate curriculum when the child is one month old. The curriculum is designed to foster children's development and is delivered monthly for 12 months. The home visitors also support families on issues such as housing and finances.</p>
<p>Cost per family and independent research on ROI</p>	<p>\$5400 per year for the average length of stay in Vermont (446 days)</p> <p>Inclusive cost of implementing the model/personnel/training and technical support/marketing support/data system and materials¹: ROI: \$6.50 per \$1 invested per Dr. Ted Miller, Pacific Institute on Research and Evaluation²</p>	<p style="text-align: right;">\$4,800</p> <p>This figure is not inclusive of any costs other than the actual nurse-client visit itself. Agencies implementing MESCH are required to pay out of their own budget for any other costs incurred. Most home health agencies in VT do not want to pick up any MESCH clients because they do not have the budget to do so.</p> <p>ROI: Unknown at this time.</p>
<p>Capacity to serve clients right now</p>	<p>NFP has five agencies that are serving 12 out of 14 counties in VT. NFP nurses are ready-to-implement and enroll/serve more families now.</p>	<p>No known plan at this time</p>

¹ Included in that cost is all of NFP's direct services, including nurse salaries, and all training, data collection, reporting, and overall administration of the program that supports fidelity to model. MESCH does not include all of the costs outside of direct service when discussing cost per family.

² Miller, T.R. (2015). Projected outcomes of Nurse-Family Partnership home visitation during 1996-2013, USA. *Prevention Science*. 16 (6). 765-777. This fact sheet relies on a state-specific return on investment calculator derived by Dr. Miller from published national estimates to project state-specific outcomes and associated return on investment. The calculator is revised periodically to reflect major research updates (latest revision: 3/27/2017).

