

The Family Connects model: An overview of the evidence

Family Connects is an **evidence-based model** that combines engagement and alignment of community services and resources with short-term nurse home visiting beginning in the first month after birth. Family Connects is designed to be provided to **all** families with newborns, **voluntarily** and at no cost.



Our aim is to **create systems change** at the population level — to advance the well being of all children and their families. We work to:

- Ensure that families have a medical home
- Provide physical- and mental-health screenings
- Assess family strengths and needs comprehensively
- Connect families to community resources that support their individual family needs and preferences

Published results from two randomized controlled trials show the model has positive effects in a number of key areas:

Mothers

- Mothers were 28% less likely to report possible clinical anxiety at infant age 6 months.[4]
- Mothers reported more positive parenting behaviors and were more responsive to their baby at age 6 months. [4]
- Mothers were more likely to complete their 6-week postpartum health check. [1]

Babies

- Total child emergency room visits and hospital overnights were reduced by 50% through age 12 months [5] and 37% through age 2 years; \$3.17 reduction in total hospital billing costs for every \$1.00 in program costs. [3]
- Total child maltreatment investigations reduced by 44% through child age 2; 39% fewer investigations by child age 5 [1, 2].

Families

- Home environment were safer, and homes had more materials to support infant learning and development at age 6 months. [4]
- Families reported more connections to community resources and more frequent use of those services at infant age 6 months. [2, 4]

Sources

- 1 Goodman W.B., Dodge K.A., Bai Y., Murphy R.A., O'Donnell K. (2021). Effect of a universal postpartum nurse home visiting program on child maltreatment and emergency medical care at 5 years of age: A randomized clinical trial. *JAMA Network Open*, 4(7):e2116024. doi:10.1001/jamanetworkopen.2021.16024
- 2 Dodge, K.A., Goodman, W.B., Bai, Y., O'Donnell, K. & Murphy, R.A. (2019). A randomized controlled trial of a community agency-administered nurse home visitation program's effects on program use and maternal and infant health outcomes. *JAMA Network Open*, 2(11), e1914522. <https://doi.org/10.1001/jamanetworkopen.2019.14522>.
- 3 Goodman, W.B., Dodge, K.A., Bai, Y., O'Donnell, K. & Murphy, R.A. (2019). Randomized controlled trial of Family Connects: Effects on child emergency medical care from birth – 24 months. *Development and Psychopathology*, 31, 1863-1872. <https://doi.org/10.1017/S0954579419000889>
- 4 Dodge, K.A., Goodman, W.B., Murphy, R.A., O'Donnell, K., Sato, J., & Guptill, S. (2014). Implementation and randomized controlled trial evaluation of universal postnatal nurse home visiting [Special Issue]. *American Journal of Public Health*, 104, S136-S143. <https://doi.org/10.2105/AJPH.2013.301361>
- 5 Dodge, K.A., Goodman, W.B., Murphy, R.A., O'Donnell, K., & Sato, J. (2013). Randomized controlled trial evaluation of universal postnatal nurse home visiting: Impacts on child emergency medical care at age 12-months [Special Issue]. *Pediatrics*, 132, S140-S146. <https://doi.org/10.1542/peds.2013-1021M>