

## Supplementary Online Content

Olds DL, Kitzman H, Knudtson MD, Anson E, Smith JA, Cole R. Effect of home visiting by nurses on maternal and child mortality: results of a 2-decade follow-up of a randomized clinical trial. *JAMA Pediatr*. Published online July 7, 2014. doi:10.1001/jamapediatrics.2014.472.

**eTable 1.** Services provided in each treatment condition

**eTable 2.** Background characteristics of all mothers randomized into each of 4 treatment conditions

**eTable 3.** Background characteristics of mothers whose children were born alive and matched with NDI data in treatments 2 and 4

**eReferences.**

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable 1. Services provided in each treatment condition**

<b>Services</b>	<b>Treatment 1 N=166</b>	<b>Treatment 2 N=514</b>	<b>Treatment 3 N=230</b>	<b>Treatment 4 N=228</b>
Transportation for prenatal care	X	X	X	X
Screening and referral for children		X		X
Prenatal/postpartum home visiting			X	X
Infant and toddler home visiting				X

Note: Treatments 1 and 3 were included to increase statistical power of the trial to detect program effects on pregnancy outcomes. Treatment 1 was added to the design to accommodate larger numbers of study participants than anticipated before all of the nurses had been hired to serve participants assigned to Treatments 3 and 4. Treatments 3 and 4 were combined to form a group visited during pregnancy and Treatments 1 and 2 were combined to form a prenatal control group used to estimate the effect of prenatal home visiting on pregnancy outcomes. Treatment 2 was contrasted with Treatment 4 to estimate the effect of prenatal, postpartum, and infant/toddler home visiting on maternal and child health measured after delivery in previous phases of follow-up.

**eTable 2. Background characteristics of all mothers randomized into each of 4 treatment conditions**

Participant Background Characteristics	Treatment 1 (N=166)	Treatment 2 (N=514)	Treatment 3 (N=230)	Treatment 4 (N=228)
	%			
Married	1.2%	1.9%	3.1%	1.3%
Maternal Race, Non-Black	3.6%	8.0%	7.0%	10.5%
Head of Household Employed	57.8%	56.5%	57.0%	49.6%
Drank Alcohol Last 14 Days	3.6%	3.9%	4.0%	4.8%
Smoked Cigarettes Last 3 Days	9.7%	9.7%	7.5%	11.4%
Used Marijuana Last 14 Days	0.6%	1.4%	2.2%	1.3%
Any Sexually Transmitted Disease, Pre-Randomization	35.6%	31.9%	31.1%	36.8%
	Mean (SD)			
Maternal Age	18.02 (3.31)	18.10 (3.18)	17.92 (2.82)	18.14 (3.29)
Gestational Age at Randomization, Weeks	16.37 (6.05)	16.40 (5.77)	16.29 (5.55)	16.53 (5.57)
Psychological Resources Index <sup>a, b</sup>	100.62 (9.62)	100.09 (9.96)	100.01 (9.63)	99.33 (10.73)
Highest Grade Completed - Mother	10.12 (2.03)	10.30 (1.86)	10.30 (2.02)	10.13 (2.02)
Discretionary Annual Household Income (\$) <sup>c</sup>	1090 (677)	1666 (885)	2325 (341)	99 (611)
% of Census Tract Below Poverty	39.17 (20.55)	34.53 (21.26)	36.15 (21.31)	35.77 (20.48)
Housing Density <sup>d</sup>	0.94 (0.46)	0.94 (0.49)	0.97 (0.54)	1.02 (0.55)
Conflict with Mother <sup>b, e</sup>	3.96 (0.81)	4.00 (0.90)	3.95 (0.71)	4.08 (0.90)
Conflict with Partner <sup>b, e</sup>	3.98 (0.78)	3.99 (0.85)	4.00 (0.79)	4.03 (0.79)
Attitudes toward Childrearing Predictive of Child Abuse <sup>c</sup>	99.60 (8.08)	99.75 (7.63)	100.13 (7.99)	100.73 (8.53)
Household Poverty Index <sup>f</sup>	99.85 (9.30)	99.49 (10.03)	99.39 (10.24)	101.87 (10.01)

<sup>a</sup> Average z-scores of women's sense of mastery/self-efficacy,<sup>1,2</sup> mental health,<sup>3</sup> and intellectual functioning.<sup>4</sup>

<sup>b</sup> Standardized to sample mean = 100, SD = 10

<sup>c</sup> Household income derived from administrative records used to determine Medicaid eligibility based on income subsistence standards for Medicaid eligibility, reported household income, and number of individuals in household at registration..

<sup>d</sup> Persons per room

<sup>e</sup> Locally developed scale that assesses degree to which individual provides emotional and material support to mother.

<sup>f</sup> Average z-scores of household discretionary income, housing density, and whether head of household was employed.

**eTable3. Background characteristics of mothers whose children were born alive and matched with NDI data in Treatments 2 and 4**

Participant Background Characteristics	Treatment 2 (N=489)	Treatment 4 (N=217)
	%	
Married	1.8%	1.4%
Maternal Race, Non-Black	8.2%	10.6%
Head of Household Employed	56.1%	50.5%
Drank Alcohol Last 14 Days	3.9%	4.6%
Smoked Cigarettes Last 3 Days	9.6%	11.1%
Use Marijuana Last 14 Days	1.4%	0.9%
Any Drug Use (screen)	4.7%	3.8%
Any Sexually Transmitted Disease, Pre-randomization	32.9%	37.8%
	Mean (SD)	
Maternal Age	18.13 (3.20)	18.10 (3.25)
Gestational Age at Randomization, Weeks	16.54 (5.75)	16.66 (5.65)
Psychological Resources Index <sup>a,b</sup>	100.06 (10.05)	99.47 (10.77)
Highest Grade Completed - Mother	10.32 (1.87)	10.12 (2.01)
Discretionary Annual Household Income (\$) <sup>c</sup>	1673 (873)	96 (703)
% Census Tract Below Poverty	34.40 (21.25)	35.15 (20.19)
Housing Density <sup>d</sup>	0.94 (0.49)	1.03 (0.56)
Conflict with Mother <sup>b,e</sup>	3.97 (0.87)	4.06 (0.83)
Conflict with Partner <sup>b,e</sup>	3.99 (0.86)	4.04 (0.80)
Attitudes toward Childrearing Predictive of Child Abuse <sup>c</sup>	99.71 (7.68)	100.77 (8.58)
Household Poverty Index <sup>f</sup>	99.50 (10.00)	101.83 (10.19)
Neighborhood Disorganization Index <sup>g</sup>	2.26 (1.63)	2.35 (1.78)

<sup>a</sup> Average z-scores of women's sense of mastery/self-efficacy,<sup>1,2</sup> mental health,<sup>3</sup> and intellectual functioning.<sup>4</sup>

<sup>b</sup> Standardized to sample mean = 100, SD = 10

<sup>c</sup> Household income derived from administrative records used to determine Medicaid eligibility based on income subsistence standards for Medicaid eligibility, reported household income, and number of individuals in household at registration..

<sup>d</sup> Persons per room

<sup>e</sup> Locally developed scale that assesses degree to which individual provides emotional and material support to mother.

<sup>f</sup> Average z-scores of household discretionary income, housing density, and whether head of household was employed.

<sup>g</sup> Average of variables calculated in standard deviation units from the national means of components that comprise index of concentrated social disadvantage (% of block group residents: a. < federal poverty level, b. receiving public assistance c. unemployed, d.headed by single women; e.< age 18; f) black).<sup>5</sup>

## eReferences

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