

ADVANCING INTERGENERATIONAL MOBILITY THROUGH EARLY CHILDHOOD ECONOMIC SECURITY

REFERENCES AND SUPPLEMENTAL MATERIALS

GLOSSARY

This glossary contains a description of terminology used most frequently in this report.

Caregivers refers to any adults who are raising children, including but not limited to parents.

Child maltreatment refers to any form of physical or emotional abuse, neglect, or exploitation that causes or could cause harm to a child's health or well-being. It occurs when the perpetrator is in a position of responsibility, trust or power.

Economic security refers to the ability of individuals, families and communities to meet their basic needs.

Food security refers to reliable access to sufficient, safe and nutritious food that meets individuals' dietary needs and preferences to live a healthy life.

Intergenerational economic mobility, or **intergenerational mobility**, refers to children's opportunity to have a higher standard of living than their parents.

An **intermediary outcome** in research is a short- or medium-term marker that researchers may use as a milestone in evaluating an intervention. It is not the final outcome.

Paid family and medical leave generally encompasses various types of leave such as parental leave, medical leave, caregiving leave and others. In this report, the term refers to the aspects of paid family and medical leave policies that provide parents with paid time off following the birth of a child.



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METHODOLOGY

The brief's authors initially identified studies by referring to existing rigorous evidence reviews, utilizing these as a jumping off point for exploring identified research. This includes – but is not limited to – work by the Prenatal-to-3 Policy Impact Center, Chapin Hall, the Urban Institute, the National Academies of Sciences, Engineering, and Medicine, and ZERO TO THREE. We also examined the literature reviews within studies and conducted searches in Google Scholar and PubMed. In some instances, we had prior knowledge of certain studies or researchers' work, or additional studies were identified for inclusion by PolicyLab researchers who served as expert reviewers. In terms of study selection, we followed the below guiding criteria regarding study design, population, and outcomes. We sought to portray, where it existed, the breadth of evidence across three areas for children: educational, health and economic outcomes.

We conducted our main literature review for this report in the spring and early summer of 2025. We added several additional studies that met our guiding principles that were published leading up to the report's finalization in January 2026.

The Predictive Scheduling and Diaper Assistance sections of the report provide information on the context and current landscape of these policies and explore studies that are relevant, but there is currently significantly less evidence for these two emerging strategies. Only one study met our guiding criteria for each. leave and others. In this report, the term refers to the aspects of paid family and medical leave policies that provide parents with paid time off following the birth of a child.

Study designs: This review includes a mix of peer-reviewed experimental, quasi-experimental and observational studies. We prioritized experimental and quasi-experimental studies when possible. The majority of the studies that we reviewed are quasi-experimental, using statistical techniques to infer causality. Many of these studies take advantage of varied implementation of policies across different U.S. states and over time.

Many studies in this report examined children's or caregivers' eligibility for a given policy. Therefore, the results reported may be considered conservative, as they do not reflect the effect of the policy or program on direct recipients only, but rather on a larger population of individuals, some of whom received the intervention and some of whom did not.

Study populations: We focused on studies of prenatal and early childhood populations. When studies with these populations were not available, we extended our review to include studies of young children and caregivers. Some studies investigate outcomes of being exposed to an intervention not only in the prenatal and early childhood period, but also in later years.

Study outcomes: Where the evidence exists, we focus on long-term outcomes of interventions that individuals were exposed to as young children or their mothers were exposed to while pregnant, including their health, educational, and economic outcomes in adulthood. Where evidence on longer-term outcomes is not available, we explore outcomes earlier in a child's life, such as child health and development and caregiver health outcomes. These are known predictors of children's long-term health and well-being. Given variation in specific outcomes explored in different bodies of literature, each section of this report is organized slightly differently so as to accurately reflect the existing evidence. Across all studies, we only included results with p-values that were less than or equal to 0.05, the threshold that we defined as statistically significant.

REFERENCES (BY SECTION)

BACKGROUND

Han WJ, Zhang L. Precarious Parental Employment Conditions and Family Poverty Experiences in the First Six Years of a Child's Life. *J Child Fam Stud*. 2022;31(4):1106-1120. doi:10.1007/s10826-021-02154-4.

Children in Poverty by Race and Ethnicity in United States. KIDS COUNT Data Center. September 2025. Accessed October 6, 2025. <https://datacenter.aecf.org/data/tables/44-children-in-poverty-by-race-and-ethnicity#detailed/1/any/false/1096/187,11,9,12,1,185,13/324,323>.

Acs G, Dehry I, Giannarelli L, Todd M. Measuring the True Cost of Economic Security. Urban Institute. November 19, 2024. <https://www.urban.org/sites/default/files/2024-11/Measuring-the-True-Cost-of-Economic-Security.pdf>.

A Roadmap to Reducing Child Poverty. National Academies of Sciences, Engineering, and Medicine. 2019. <https://www.nationalacademies.org/projects/DBASSE-BCYF-16-05/publication/25246>.

Duncan GJ, Magnuson K, Kalil A, Ziol-Guest K. The Importance of Early Childhood Poverty. *Soc Indic Res*. 2012;108(1):87-98. doi:10.1007/s11205-011-9867-9.

Chetty R, Hendren N, Grusky D, Hell M, Manduca R, Narang J. The Fading American Dream: Trends in Absolute Income Mobility Since 1940. *Opportunity Insights*. December 2016. <https://opportunityinsights.org/paper/the-fading-american-dream/>.

Nine Charts About Wealth Inequality in America. Urban Institute. April 25, 2024. Accessed November 3, 2025. <https://apps.urban.org/features/wealth-inequality-charts/>.

Figure 6.2. Organisation for Economic Co-operation and Development. Wealth is More Concentrated at the Top than Income. June 20, 2024. Accessed November 3, 2025. https://www.oecd.org/en/publications/society-at-a-glance-2024_918d8db3-en/full-report/income-and-wealth-inequalities_7ac4178f.html#title-9384fc688f.

Hanna M, Shaefer HL, Fogle H, Khaldun JS, McWeeny W, Richardson O, Thomas T, Pipa AF. Scaling Up Prenatal and Infant Cash Prescriptions to Eradicate Deep Infant Poverty in the United States. The Brookings Institution. December 20, 2024. Accessed May 5, 2025. <https://www.brookings.edu/articles/prenatal-and-infant-cash-prescriptions-to-eradicate-deep-infant-poverty-united-states/>.

Hamilton C, Sariscsany L, Waldfogel J, Wimer C. Experiences of Poverty Around the Time of a Birth: A Research Note. *Demography*. 2023;60(4):965-976. doi:10.1215/00703370-10837403.

Picard C. Baby-related Expenses Now Cost Parents \$20,384 in the First Year Alone. BabyCenter. February 19, 2025. Accessed July 28, 2025. https://www.babycenter.com/family/money/first-year-baby-related-expenses_41002904.

Haider A. The Basic Facts about Children in Poverty. Center for American Progress. January 12, 2021. Accessed May 6, 2025. <https://www.americanprogress.org/article/basic-facts-children-poverty/>.

Blair C, Raver CC. Poverty, Stress, and Brain Development: New Directions for Prevention and Intervention. *Academic Pediatrics*. 2016;16(3):S30-S36. doi:10.1016/j.acap.2016.01.010.

Ziol-Guest KM, Duncan GJ, Kalil A, Boyce WT. Early Childhood Poverty, Immune-mediated Disease Processes, and Adult productivity. *Proc Natl Acad Sci USA*. 2012;109(Suppl 2):17289-17293. doi:10.1073/pnas.1203167109.

Almond D, Currie J, Duque V. Childhood Circumstances and Adult Outcomes: Act II. *Journal of Economic Literature*. 2018;56(4):1360-1446. doi:10.1257/jel.20171164.

Invest in Early Childhood Development: Reduce Deficits, Strengthen the Economy. The Heckman Equation. 2012. https://heckmanequation.org/wp-content/uploads/2013/07/F-HeckmanDeficitPieceCUSTOM-Generic_052714-3-1.pdf.

High Return on Investment. The Center for High Impact Philanthropy at the University of Pennsylvania. 2015. Accessed May 7, 2025. <https://www.impact.upenn.edu/early-childhood-toolkit/why-invest/what-is-the-return-on-investment/>.

Pennsylvania Gets It Done: A Ten-Year Strategic Plan for Economic Development in Pennsylvania (2024-2033). The Pennsylvania Department of Community and Economic Development. 2024. https://pagetsitdone.com/content/dam/copa-getsitdone/en/documents/economicdevelopmentstrategy-dced_2024_final.pdf.

Postsecondary Credential Workforce Gap Analysis Commonwealth of Pennsylvania. Baker Tilly. March 2024. <https://www.pa.gov/content/dam/copapwp-pagov/en/sbhe/documents/pdeworkforcepostsecondarycredentialgapreport.pdf>.

APPROACH

Policy Clearinghouse. Prenatal-to-3 Policy Impact Center. Accessed April 14, 2025. <https://pn3policy.org/pn-3-state-policy-clearinghouse/>.

State Policy Options to Increase Access to Economic & Concrete Supports as a Child Welfare Prevention Strategy. Chapin Hall at the University of Chicago and the American Public Human Services Association. June 2023. https://www.chapinhall.org/wp-content/uploads/Chapin-Hall_APHSA_Evidence-to-Impact_June-2023.pdf.

Farr A, Lou C, Daly HS. How Do Children and Society Benefit from Public Investments in Children? Urban Institute. September 4, 2024. Accessed April 14, 2025. <https://www.urban.org/research/publication/how-do-children-and-society-benefit-public-investments-children>.

A Roadmap to Reducing Child Poverty. National Academies of Sciences, Engineering, and Medicine. 2019. <https://www.nationalacademies.org/projects/DBASSE-BCYF-16-05/publication/25246>.

Stark, DR. Pathways to Prosperity: Report From a Convening on Economic Security for Families With Infants and Toddlers. ZERO TO THREE and the Center for Law and Social Policy (CLASP). 2022. <https://www.zerotothree.org/wp-content/uploads/2022/06/Pathways-to-Prosperity-Report-from-a-Convening-on-Economic-Security-for-Families-With-Infants-and-Toddlers-.pdf>.

The Foundations of Lifelong Health Are Built in Early Childhood. Center on the Developing Child at Harvard University. 2010. <https://developingchild.harvard.edu/wp-content/uploads/2024/10/Foundations-of-Lifelong-Health.pdf>.



September 2025 Medicaid & CHIP Enrollment Data Highlights. Centers for Medicare & Medicaid Services. Accessed October 6, 2025. <https://www.medicaid.gov/medicaid/national-medicaid-chip-program-information/medicaid-chip-enrollment-data/september-2025-medicaid-chip-enrollment-data-highlights>.

Pennotti R, Rosenquist R. Medicaid in Early Childhood: Why Coverage Is Important and How Innovation in Care Delivery, Payment and Policy Can Set Kids Up to Thrive. PolicyLab at Children's Hospital of Philadelphia. May 2025. <https://policylab.chop.edu/policy-briefs/medicaid-early-childhood-why-coverage-important-and-how-innovation-care-delivery>.

Monthly Child Enrollment in Medicaid and CHIP. KFF. Accessed October 6, 2025. <https://www.kff.org/medicaid/state-indicator/total-medicaid-and-chip-child-enrollment/?currentTimeframe=0&sortModel=%7B%22colId%22:%22Location%22,%22sort%22:%22asc%22%7D>.

Births Financed by Medicaid by Metropolitan Status. KFF. Accessed October 6, 2025. <https://www.kff.org/medicaid/state-indicator/births-financed-by-medicaid/?currentTimeframe=0&sortModel=%7B%22colId%22:%22Location%22,%22sort%22:%22asc%22%7D>.

Goodman-Bacon A. The Long-Run Effects of Childhood Insurance Coverage: Medicaid Implementation, Adult Health, and Labor Market Outcomes. *American Economic Review*. 2021;111(8):2550-2593. doi:10.1257/aer.20171671.

Thompson O. The Long-term Health Impacts of Medicaid and CHIP. *Journal of Health Economics*. 2017;51:26-40. doi:10.1016/j.jhealeco.2016.12.003.

Miller S, Wherry LR. The Long-Term Effects of Early Life Medicaid Coverage. *Journal of Human Resources*. 2019;54(3):785-824. doi:10.3368/jhr.54.3.0816.8173R1.

Boudreaux MH, Golberstein E, McAlpine DD. The Long-term Impacts of Medicaid Exposure in Early Childhood: Evidence from the Program's Origin. *Journal of Health Economics*. 2016;45:161-175. doi:10.1016/j.jhealeco.2015.11.001.

East CN, Miller S, Page M, Wherry LR. Multigenerational Impacts of Childhood Access to the Safety Net: Early Life Exposure to Medicaid and the Next Generation's Health. *American Economic Review*. 2023;113(1):98-135. doi:10.1257/aer.20210937.

Cohodes SR, Grossman DS, Kleiner SA, Lovenheim MF. The Effect of Child Health Insurance Access on Schooling: Evidence from Public Insurance Expansions. *Journal of Human Resources*. 2016;51(3):727-759. doi:10.3368/jhr.51.3.1014-6688R1.

Brown DW, Kowalski AE, Lurie IZ. Long-Term Impacts of Childhood Medicaid Expansions on Outcomes in Adulthood. *Rev Econ Stud*. 2020;87(2):792-821. doi:10.1093/restud/rdz039.

O'Brien RL, Robertson CL. Early-life Medicaid Coverage and Intergenerational Economic Mobility. *Journal of Health and Social Behavior*. 2018;59(2):300-315. doi:10.1177/0022146518771910.

Status of State Medicaid Expansion Decisions. KFF. Accessed May 12, 2025. <https://www.kff.org/medicaid/status-of-state-medicaid-expansion-decisions/>.

Prenatal-to-3 Policy Clearinghouse Evidence Review: Expanded Income Eligibility for Health Insurance. Prenatal-to-3 Policy Impact Center, Peabody College of Education and Human Development, Vanderbilt University. September 2024. https://pn3policy.org/wp-content/uploads/2024/10/PN3PIC_ExpandIncomeEligHealthInsur_EvidenceReview1024.pdf.

FOOD AND NUTRITION SUPPORTS

Jones JW. Supplemental Nutrition Assistance Program (SNAP) - Key statistics and Research. Economic Research Service. Accessed August 20, 2025. <https://www.ers.usda.gov/topics/food-nutrition-assistance/supplemental-nutrition-assistance-program-snap/key-statistics-and-research>.

Jones JW. Distribution of SNAP participants by age, fiscal year 2023. Economic Research Service. Accessed August 20, 2025. <https://www.ers.usda.gov/data-products/chart-gallery/chart-detail?chartId=54640>.

Hodges L, Todd JE. WIC Program. U.S. Department of Agriculture. Accessed April 14, 2025. <https://www.ers.usda.gov/topics/food-nutrition-assistance/wic-program>.

Almond D, Hoynes HW, Schanzenbach DW. Inside the War on Poverty: The Impact of Food Stamps on Birth Outcomes. *Rev Econ Stat*. 2011;93(2):387-403. doi:10.1162/rest_a_00089.

Bailey MJ, Hoynes H, Rossin-Slater M, Walker R. Is the Social Safety Net a Long-term Investment? Large-scale Evidence from the Food Stamps Program. *Rev Econ Stud*. 2024;91(3):1291-1330. doi:10.1093/restud/rdad063.

East CN. The Effect of Food Stamps on Children's Health: Evidence from Immigrants' Changing Eligibility. *J Hum Resour*. 2020;55(2):387-427. doi:10.3368/jhr.55.3.0916-8197r2.

Soneji S, Beltrán-Sánchez H. Association of Special Supplemental Nutrition Program for Women, infants, and Children with Preterm Birth and Infant Mortality. *JAMA Netw Open*. 2019;2(12):e1916722. doi:10.1001/jamanetworkopen.2019.16722.

Currie J, Rajani I. Within-mother Estimates of the Effects of WIC on Birth Outcomes in New York City: Within-mother Estimates of WIC Effects. *Econ Inq*. 2015;53(4):1691-1701. doi:10.1111/ecin.12219.

Guan A, Hamad R, Batra A, Bush NR, Tylavsky FA, LeWinn KZ. The Revised WIC Food Package and Child Development: A Quasi-experimental Study. *Pediatrics*. 2021;147(2):e20201853. doi:10.1542/peds.2020-1853.

Jackson MI. Early Childhood WIC Participation, Cognitive Development and Academic Achievement. *Soc Sci Med*. 2015;126:145-153. doi:10.1016/j.socscimed.2014.12.018.

Insolera N, Cohen A, Wolfson JA. SNAP and WIC Participation during Childhood and Food Security in Adulthood, 1984-2019. *Am J Public Health*. 2022;112(10):1498-1506. doi:10.2105/AJPH.2022.306967.



HOUSING SUPPORTS

What is the Low-Income Housing Tax Credit and how does it work? The Urban-Brookings Tax Policy Center. January 2024. Accessed July 7, 2025. <https://taxpolicycenter.org/briefing-book/what-low-income-housing-tax-credit-and-how-does-it-work>.

Public Housing. Center on Budget and Policy Priorities. September 30, 2024. Accessed July 7, 2025. <https://www.cbpp.org/research/housing/public-housing>.

Housing Choice Voucher Program (Section 8). Urban Institute. March 13, 2025. Accessed July 8, 2025. <https://apps.urban.org/features/infrastructure-spending-states-counties/program/hcv/>.

Luke MJ, Murosko D, Sandel M, et al. To Ensure Children's Health, Create Affordable Housing In High-Opportunity Neighborhoods. *Health Affairs Forefront*. 2025. doi:10.1377/forefront.20250228.195232.

Moving to Opportunity. Office of Policy Development and Research, U.S. Department of Housing and Urban Development. Accessed July 8, 2025. <https://www.huduser.gov/portal/mto.html>.

Chetty R, Hendren N, Katz LF. The Effects of Exposure to Better Neighborhoods on Children: New Evidence from the Moving to Opportunity Experiment. *American Economic Review*. 2016;106(4):855-902. doi:10.1257/aer.20150572.

Pollack CE, Blackford AL, Du S, Deluca S, Thornton RLJ, Herring B. Association of Receipt of a Housing Voucher With Subsequent Hospital Utilization and Spending. *JAMA*. 2019;322(21):2115-2124. doi:10.1001/jama.2019.17432.

Pollack CE, Bozzi DG, Blackford AL, DeLuca S, Thornton RLJ, Herring B. Using the Moving to Opportunity Experiment to Investigate the Long-Term Impact of Neighborhoods on Healthcare Use by Specific Clinical Conditions and Type of Service. *Housing Policy Debate*. 2023;33(1):269-289. doi:10.1080/10511482.2021.1951804.

Krieger J, Takaro TK, Song L, Beaudet N, Edwards K. A Randomized Controlled Trial of Asthma Self-management Support Comparing Clinic-Based Nurses and In-Home Community Health Workers: The Seattle-King County Healthy Homes II Project. *Arch Pediatr Adolesc Med*. 2009;163(2):141-149. doi:10.1001/archpediatrics.2008.532.

Colton MD, Laurent JGC, MacNaughton P, et al. Health Benefits of Green Public Housing: Associations With Asthma Morbidity and Building-Related Symptoms. *Am J Public Health*. 2015;105(12):2482-2489. doi:10.2105/AJPH.2015.302793.

Beck AF, Wymer L, Pinzer E, Friedman W, Ashley PJ, Vesper S. Reduced Prevalence of Childhood Asthma after Housing Renovations in an Under-resourced Community. *Journal of Allergy and Clinical Immunology: Global*. 2023;2(4):100143. doi:10.1016/j.jacig.2023.100143.

Shanahan ME, Austin AE, Durrance CP, et al. The Association of Low-Income Housing Tax Credit Units and Reports of Child Abuse and Neglect. *American Journal of Preventive Medicine*. 2022;62(5):727-734. doi:10.1016/j.amepre.2021.11.020.

Chyn E, Collinson R, Sandler DH. The Long-Run Effects of America's Largest Residential Racial Desegregation Program: Gautreaux*. *Q J Econ*. 2025;140(3):2213-2267. doi:10.1093/qje/qjaf011.

Fenelon A, Slopen N, Newman SJ. The Effects of Rental Assistance Programs on Neighborhood Outcomes for U.S. Children: Nationwide Evidence by Program and Race/Ethnicity. *Urban Affairs Review*. 2023;59(3):832-865. doi:10.1177/10780874221098376.



EARLY CARE AND EDUCATION

Head Start Services. Office of Head Start, Administration for Children and Families, U.S. Department of Health and Human Services. February 26, 2025. Accessed July 16, 2025. <https://acf.gov/ohs/about/head-start>.

About the Early Head Start Program. Office of Head Start, Administration for Children and Families, U.S. Department of Health and Human Services. May 20, 2024. Accessed July 16, 2025. <https://headstart.gov/programs/article/about-early-head-start-program>.

Head Start Supplemental Assistance Program (HSSAP). The Pennsylvania Key. Accessed November 5, 2025. <https://www.pakeys.org/hssap/>.

Child Care Works (CCW) — Subsidized Child Care Program. Department of Human Services, Commonwealth of Pennsylvania. Accessed November 5, 2025. <https://www.pa.gov/agencies/dhs/resources/early-learning-child-care/child-care-works>.

Executive Summary for the CCDBG State Plan for Plan Cycle FFYs 2019 – 2021. The Pennsylvania Key. Accessed September 10, 2025. <https://www.pakeys.org/wp-content/uploads/2018/04/CCDF-Executive-Summary-for-State-Plan-for-Plan-Cycle-2019-2021-8-6-18.pdf>.

Pennsylvania Pre-K Counts. The Pennsylvania Key. Accessed November 5, 2025. <https://www.pakeys.org/pkc/>.

McCartney K, Dearing E, Taylor BA, Bub KL. Quality Child Care Supports the Achievement of Low-income Children: Direct and Indirect Pathways through Caregiving and the Home Environment. *Journal of Applied Developmental Psychology*. 2007;28(5):411-426. doi:10.1016/j.appdev.2007.06.010.

Deming D. Early Childhood Intervention and Life-Cycle Skill Development: Evidence from Head Start. *American Economic Journal: Applied Economics*. 2009;1(3):111-134. doi:10.1257/app.1.3.111.

Green BL, Ayoub C, Bartlett JD, et al. Pathways to Prevention: Early Head Start Outcomes in the First Three Years Lead to Long-term Reductions in Child Maltreatment. *Children and Youth Services Review*. 2020;118:105403. doi:10.1016/j.childyouth.2020.105403.

Merritt DH, Klein S. Do Early Care and Education Services Improve Language Development for Maltreated Children? Evidence from a National Child Welfare Sample. *Child Abuse & Neglect*. 2015;39:185-196. doi:10.1016/j.chiabu.2014.10.011.

Garces E, Thomas D, Currie J. Longer-Term Effects of Head Start. *American Economic Review*. 2002;92(4):999-1012. doi:10.1257/00028280260344560.

Bailey MJ, Sun S, Timpe B. Prep School for Poor Kids: The Long-Run Impacts of Head Start on Human Capital and Economic Self-Sufficiency. *American Economic Review*. 2021;111(12):3963-4001. doi:10.1257/aer.20181801.

Barr A, Gibbs CR. Breaking the Cycle? Intergenerational Effects of an Antipoverty Program in Early Childhood. *Journal of Political Economy*. 2022;130(12):3253-3285. doi:10.1086/720764.

Danziger SK, Ananat EO, Browning KG. Childcare Subsidies and the Transition from Welfare to Work. *Family Relations*. 2004;53(2):219-228. <http://www.jstor.org/stable/3700265>

Forry ND, Hofferth SL. Maintaining Work: The Influence of Child Care Subsidies on Child Care—Related Work Disruptions. *Journal of Family Issues*. 2011;32(3):346-368. doi:10.1177/0192513X10384467.

Lemke RJ, Witt R, Witte AD. The Transition from Welfare to Work. *Eastern Economic Journal*. 2007;33(3):359-373. <https://www.jstor.org/stable/20642363>.

CASH ASSISTANCE FOR FAMILIES

Knowles S, Dehry I, Shantz K, Goldsmith L. Graphical Overview of State and Territory TANF Policies as of July 2022. Accessed May 20, 2025. <https://www.urban.org/sites/default/files/2024-02/Graphical%20Overview%20of%20State%20and%20Territory%20TANF%20Policies%20as%20of%20July%202022.pdf>.

TANF and Moe Spending and Transfers by Activity, FY 2022. The Administration for Children and Families. Accessed April 22, 2025. <https://acf.gov/ofa/data/tanf-and-moe-spending-and-transfers-activity-fy-2022>.

About Us. Permanent Fund Dividend. Accessed January 10, 2026. <https://pfd.alaska.gov/Division-Info/About-Us>.

Indian Gaming Regulatory Act: Gaming on “Indian lands.” Indian Gaming Regulatory Act: Gaming on “Indian Lands.” December 17, 2025. Accessed January 10, 2026. <https://www.congress.gov/crs-product/IF12527>.

Spencer RA, Livingston MD, Komro KA, Sroczynski N, Rentmeester ST, Woods-Jaeger B. Association between Temporary Assistance for Needy Families (TANF) and Child Maltreatment among a Cohort of Fragile Families. *Child Abuse & Neglect*. 2021;120:105186. doi:10.1016/j.chiabu.2021.105186.

Baltagi BH, Yen Y. Welfare Reform and Children’s Health. *Health Economics*. 2014;25(3):277-291. doi:10.1002/hec.3139.

Hawkins A, Hollrah C, Miller S, Wherry LR, Aldana G, Wong M. The Long-term Effects of Income for At-risk Infants: Evidence from Supplemental Security Income. *American Economic Review*. 2025;115(9):3081-3129. doi:10.1257/aer.20231293.

Chung W, Ha H, Kim B. Money Transfer and Birth Weight: Evidence from the Alaska Permanent Fund Dividend. *Economic Inquiry*. 2015;54(1):576-590. doi:10.1111/ecin.12235.

A Prescription for Health, Hope, and Opportunity. Rx Kids. January 12, 2026. Accessed January 13, 2026. <https://rxkids.org/>.

Hanna M, Agarwal S, Shaefer HL. Unconditional Cash Transfers and Prenatal Care Utilization in Flint, Michigan. *JAMA Netw Open*. 2025;8(10):e2538406. doi:10.1001/jamanetworkopen.2025.38406.

Hanna M, Shaefer HL, Finegood E, Agarwal S, Zamani-Hank Y, LaChance J. Hardship and Hope: The Relationship between Unconditional Prenatal and Infant Cash Transfers, Economic Stability, and Maternal Mental Health and Well-being. *American Journal of Public Health*. 2025;115(12):2020-2029. doi:10.2105/ajph.2025.308244.

Bridge Project. Bridge Project. Accessed August 5, 2025. <https://www.bridgeproject.org/work>.

Bridge Project. Research and Resource Library. Accessed September 13, 2025. <https://www.bridgeproject.org/work#research>.

Noble KG, Magnuson K, Gennetian LA, et al. Baby’s First Years: Design of a Randomized Controlled Trial of Poverty Reduction in the United States. *Pediatrics*. 2021;148(4). doi:10.1542/peds.2020-049702.

Gennetian LA, Duncan GJ, Fox NA, et al. Effects of a Monthly Unconditional Cash Transfer Starting at Birth on Family Investments among U.S. Families with Low Income. *Nature Human Behaviour*. 2024;8(8):1514-1529. doi:10.1038/s41562-024-01915-7.

Duncan GJ, Magnuson K, Kunin-Batson AS, et al. Cash Transfers and Their Effect on Maternal and Young Children’s Health: A Randomized Clinical Trial. *JAMA Pediatr*. 2025;179(8):867-875. doi:10.1001/jamapediatrics.2025.1612.

Wang JS-H. TANF Coverage, State TANF Requirement Stringencies, and Child Well-being. *Children and Youth Services Review*. 2015;53:121-129. doi:10.1016/j.childyouth.2015.03.028.

Chyi H, Ozturk OD. The Effects of Single Mothers' Welfare Use and Employment Decisions on Children's Cognitive Development. *Economic Inquiry*. 2012;51(1):675-706. doi:10.1111/j.1465-7295.2012.00466.x.

Cusick G, Gaul-Stout J, Kakuyama-Villaber R, Wilks O, Grewal-Kök Y, Anderson C. A Systematic Review of Economic and Concrete Support to Prevent Child Maltreatment. MDPI. September 6, 2024. Accessed October 15, 2025. <https://www.mdpi.com/2075-4698/14/9/173>.

Flynn EF, Kenyon CC, Vasana A. Cash Transfer Programs for Child Health-Elucidating Pathways and Optimizing Program Design. *JAMA Pediatr*. 2023;177(7):661-662. doi:10.1001/jamapediatrics.2023.1181.



TAX CREDITS FOR FAMILIES

Earned Income Tax Credit Enactments. Accessed November 19, 2025. <https://www.ncsl.org/human-services/eitc-enactments>.

Child Tax Credit Overview. Accessed December 5, 2025. <https://www.ncsl.org/human-services/child-tax-credit-overview>.

Fact Sheet: How Many Pennsylvanians will Benefit from New Tax Credit. Commonwealth of Pennsylvania. November 18, 2025. Accessed November 24, 2025. <https://www.pa.gov/governor/newsroom/2025-press-releases/fact-sheet--how-many-pennsylvanians-will-benefit-from-new-tax-cr>.

Hoynes H, Miller D, Simon D. Income, the Earned Income Tax Credit, and Infant Health. *American Economic Journal: Economic Policy*. 2015;7(1):172-211. doi:10.1257/pol.20120179.

Karasek D, Batra A, Baer RJ, et al. Estimating the Effect of Timing of Earned Income Tax Credit Refunds on Perinatal Outcomes: A Quasi-experimental Study of California Births. *BMC Public Health*. 2023;23(1). doi:10.1186/s12889-023-16920-0.

Braga B, Blavin F, Gangopadhyaya A. The Long-term Effects of Childhood Exposure to the Earned Income Tax credit on Health Outcomes. *Journal of Public Economics*. 2020;190:104249. doi:10.1016/j.jpubeco.2020.104249.

Kovski NL, Hill HD, Mooney SJ, Rivara FP, Rowhani-Rahbar A. Short-term Effects of Tax Credits on Rates of Child Maltreatment Reports in the United States. *Pediatrics*. 2022;150(1). doi:10.1542/peds.2021-054939.

Vasana A, Wood JI, Luan X, Kenyon CC, Matone M. Expanded Child Tax Credit Payments during Pregnancy were Associated with Decreased Odds of Adverse Birth Outcomes. *Health Affairs*. 2025;44(10):1298-1306. doi:10.1377/hlthaff.2024.01641.

Barr A, Eggleston J, Smith AA. Investing in Infants: The Lasting Effects of Cash Transfers to New Families. *The Quarterly Journal of Economics*. 2022;137(4):2539-2583. doi:10.1093/qje/qjac023.

McInnis N, Michelmores K, Pilkauskas N. The Intergenerational Transmission of Poverty and Public Assistance. *Journal of Human Resources*. Published online March 6, 2024. doi:10.3368/jhr.0422-12241r2.

Parolin Z, Ananat E, Collyer S, Curran M, Wimer C. The Effects of the Monthly and Lump-sum Child Tax Credit Payments on Food and Housing Hardship. *AEA Papers and Proceedings*. 2023;113:406-412. doi:10.1257/pandp.20231088.

Nam J, Kwon SJ. Expansion of Child Tax Credits and Mental Health of Parents with Low Income in 2021. *JAMA Netw Open*. 2024;7(2):e2356419. doi:10.1001/jamanetworkopen.2023.56419.

Batra A, Jackson K, Hamad R. Effects of the 2021 Expanded Child Tax Credit on Adults' Mental Health: A Quasi-experimental Study. *Health Affairs*. 2023;42(1):74-82. doi:10.1377/hlthaff.2022.00733



PAID FAMILY AND MEDICAL LEAVE

State Paid Family & Medical Leave Insurance Laws. National Partnership for Women & Families. July 2024. <https://nationalpartnership.org/wp-content/uploads/2023/02/state-paid-family-leave-laws.pdf>.

There for the Moments that Matter Most – Paid Family Leave. California Employment Development Department. 2025. https://edd.ca.gov/siteassets/files/pdf_pub_ctr/de2530.pdf.

Montoya-Williams D, Passarella M, Lorch SA. The Impact of Paid Family Leave in the United States on Birth Outcomes and Mortality in the First Year of Life. *Health Services Research*. 2020;55(S2):807-814. doi:10.1111/1475-6773.13288.

Pac J, Bartel A, Ruhm C, Waldfogel J. Paid Family Leave and Parental Investments in Infant Health: Evidence from California. *Economics & Human Biology*. 2023;51:101308. doi:10.1016/j.ehb.2023.101308.

Ahrens KA, Janevic T, Strumpf EC, Nandi A, Ortiz JR, Hutcheon JA. Paid Family Leave and Prevention of Acute Respiratory Infections in Young Infants. *JAMA Pediatr*. 2024;178(10):1057-1065. doi:10.1001/jamapediatrics.2024.3184.

Lichtman-Sadot S, Bell NP. Child Health in Elementary School Following California's Paid Family Leave Program. *Journal of Policy Analysis and Management*. 2017;36(4):790-827. doi:10.1002/pam.22012.

Morrissey TW, Castleberry NM, Miller DP. New York State's Paid Family Leave Program and Children's Health Care Use. *Academic Pediatrics*. 2025;25(6):102822. doi:10.1016/j.acap.2025.102822.

Wood JN, French B, Fromkin J, et al. Association of Pediatric Abusive Head Trauma Rates With Macroeconomic Indicators. *Acad Pediatr*. 2016;16(3):224-232. doi:10.1016/j.acap.2015.05.008.

Klevens J, Luo F, Xu L, Peterson C, Latzman NE. Paid Family Leave's Effect on Hospital Admissions for Pediatric Abusive Head Trauma. *Injury Prevention*. 2016;22(6):442-445. doi:10.1136/injuryprev-2015-041702.

Bullinger LR, Raissian KM, Klika B, Merrick M, Thibodeau E. More than Snuggles: The Effect of Paid Family Leave on Infant Maltreatment. *Child Maltreatment*. 2025;31(1):98-110. doi:10.1177/10775595251318939.

Lee BC, Modrek S, White JS, Batra A, Collin DF, Hamad R. The Effect of California's Paid Family Leave Policy on Parent Health: A Quasi-experimental Study. *Social Science & Medicine*. 2020;251:112915. doi:10.1016/j.socscimed.2020.112915.

Kim J. The Effects of Paid Family Leave—Does it Help Fathers' Health, Too? *J Popul Econ*. 2024;37(1):19. doi:10.1007/s00148-024-00994-0.

Doran EL, Bartel AP, Ruhm CJ, Waldfogel J. California's Paid Family Leave Law Improves Maternal Psychological Health. *Social Science & Medicine*. 2020;256:113003. doi:10.1016/j.socscimed.2020.113003.

Stanczyk AB. Does Paid Family Leave Improve Household Economic Security Following a Birth? Evidence from California. *Social Service Review*. 2019;93(2):262-304. doi:10.1086/703138.

Kang JY, Lee A, Kwon E, Park S. The Effects of California Paid Family Leave on Labor Force Participation Among Low-income Mothers One Year after Childbirth. *Journal of Social Policy*. 2022;51(4):707-727. doi:10.1017/S0047279421000246.

Jones K, Wilcher B. Reducing Maternal Labor Market Detachment: A Role for Paid Family Leave. *Labour Economics*. 2024;87:102478. doi:10.1016/j.labeco.2023.102478.

Das T, Polachek SW. Unanticipated Effects of California's Paid Family Leave Program. *Contemporary Economic Policy*. 2015;33(4):619-635. doi:10.1111/coep.12102



MINIMUM WAGE INCREASES

Cooper D, Hickey SM, Zipperer B. The Value of the Federal Minimum Wage is at its Lowest Point in 66 years. Economic Policy Institute. July 14, 2022. Accessed May 28, 2025. <https://www.epi.org/blog/the-value-of-the-federal-minimum-wage-is-at-its-lowest-point-in-66-years/>.

What is a Living Wage and How is it Estimated? Living Wage Institute. Accessed July 17, 2025. <https://livingwage.mit.edu/pages/methodology>.

The Economic Policy Institute Minimum Wage Tracker. Economic Policy Institute. January 1, 2026. Accessed January 9, 2026. <https://www.epi.org/minimum-wage-tracker/>.

Prenatal-to-3 Policy Clearinghouse Evidence Review: State Minimum Wage. Prenatal-to-3 Policy Impact Center, Peabody College of Education and Human Development, Vanderbilt University. October 2024. https://pn3policy.org/wp-content/uploads/2024/10/PN3PIC_StateMinWage_EvidenceReview_1024.pdf.

Komro KA, Livingston MD, Markowitz S, Wagenaar AC. The Effect of an Increased Minimum Wage on Infant Mortality and Birth Weight. *Am J Public Health*. 2016;106(8):1514-1516. doi:10.2105/AJPH.2016.303268.

Wehby GL, Dave DM, Kaestner R. Effects of the Minimum Wage on Infant Health. *Journal of Policy Analysis and Management*. 2020;39(2):411-443. doi:10.1002/pam.22174.

Wehby GL, Kaestner R, Lyu W, Dave DM. Effects of the Minimum Wage on Child Health. *American Journal of Health Economics*. 2022;8(3):412-448. doi:10.1086/719364.

Averett SL, Smith JK, Wang Y. Minimum Wages and the Health of Immigrants' Children. *Applied Economics Letters*. 2021;28(11):894-901. doi:10.1080/13504851.2020.1784832.

Raissian KM, Bullinger LR. Money matters: Does the Minimum Wage Affect Child Maltreatment Rates? *Children and Youth Services Review*. 2017;72:60-70. doi:10.1016/j.childyouth.2016.09.033.

Ash MJ, Livingston MD, Komro K, Spencer RA, Walker A, Woods-Jaeger B. The Impact of Increased Minimum Wage on Child Neglect Varies by Developmental Age of Child. *J Interpers Violence*. 2023;38(13-14):7893-7910. doi:10.1177/08862605221150458.

Livingston MD, Woods-Jaeger B, Spencer RA, Lemon E, Walker A, Komro KA. Association of State Minimum Wage Increases with Child Maltreatment. *J Interpers Violence*. 2022;37(21-22):NP21411-NP21421. doi:10.1177/08862605211056727.

Neumark D. The Effects of Minimum Wages on (Almost) Everything? A Review of Recent Evidence on Health and Related Behaviors. *LABOUR*. 2024;38(1):1-65. doi:10.1111/labr.12263.

Godøy A, Reich M, Wursten J, Allegretto S. Parental Labor Supply: Evidence from Minimum Wage Changes. *Journal of Human Resources*. 2024;59(2):416-442. doi:10.3368/jhr.1119-10540R2.

Godoy A, Reich M. Are Minimum Wage Effects Greater in Low-Wage Areas? *Industrial Relations: A Journal of Economy and Society*. 2021;60(1):36-83. doi:10.1111/irel.12267.

Neumark D, Wascher W. Does a Higher Minimum Wage Enhance the Effectiveness of the Earned Income Tax Credit? *ILR Review*. 2011;64(4):712-746. doi:10.1177/001979391106400405.



PREDICTIVE SCHEDULING POLICIES

Inequalities in the Service Sector. The Shift Project. Accessed June 11, 2025. <https://shift.hks.harvard.edu/inequalities-in-the-service-sector/>.

Ananat EO, Gassman-Pines A, Fitz-Henley JA. The Effects of the Emeryville Fair Workweek Ordinance on the Daily Lives of Low-Wage Workers and Their Families. *RSF: The Russell Sage Foundation Journal of the Social Sciences*. 2022;8(5):45-66. doi:10.7758/RSF.2022.8.5.03.

State and Local Laws Advancing Fair Work Schedules. National Women's Law Center. September 2023. <https://nwlc.org/wp-content/uploads/2019/10/Fair-Work-Schedules-Factsheet-9.14.23v1.pdf>.

Fair Workweek Employment Standards (2018). Accessed December 16, 2025. https://codelibrary.amlegal.com/codes/philadelphia/latest/philadelphia_pa/0-0-0-280804.

Harknett K, Schneider D, Luhr S. Who Cares if Parents have Unpredictable Work Schedules?: Just-in-Time Work Schedules and Child Care Arrangements. *Soc Probl.* 2022;69(1):164-183. doi:10.1093/socpro/spaa020.

Messing K, Tissot F, Couture V, Bernstein S. Strategies for Managing Work/Life Interaction among Women and Men with Variable and Unpredictable Work Hours in Retail Sales in Québec, Canada. *New Solut.* 2014;24(2):171-194. doi:10.2190/NS.24.2.d.



DIAPER ASSISTANCE

Belarmino EH, Conway CM, Kolodinsky J, Daylor KM, Spence E. Diaper Need in the United States: A Nationally Representative Study during the COVID-19 Pandemic. *Heliyon.* 2024;10(10). doi:10.1016/j.heliyon.2024.e31344.

National Diaper Bank Network. December 2022. https://nationaldiaperbanknetwork.org/wp-content/uploads/2022/12/NDBN_DiaperNeed_Overview_Dec_2022-.pdf

Sobowale K, Clayton A, Smith MV. Diaper Need Is Associated with Pediatric Care Use: An Analysis of a Nationally Representative Sample of Parents of Young Children. *The Journal of Pediatrics.* 2021;230:146-151. doi:10.1016/j.jpeds.2020.10.061.

Shaffer E, Porter S, Condon E, Zha P, Caldwell BA. Associations Between Diaper Need and Child Sleep in Under-resourced Families. *J Dev Behav Pediatr.* 2022;43(7):402-408. doi:10.1097/DBP.0000000000001088.

Austin AE, Smith MV. Examining Material Hardship in Mothers: Associations of Diaper Need and Food Insufficiency with Maternal Depressive Symptoms. *Health Equity.* 2017;1(1):127-133. doi:10.1089/heq.2016.0023.

Belarmino EH, Zack RM, Clay LA, Birk NW. Diaper Need During the COVID-19 Pandemic Associated with Poverty, Food Insecurity, and Chronic Illness: An Analysis of a Representative State Sample of Caretakers with Young Children. *Health Equity.* 2022;6(1):150-158. doi:10.1089/heq.2021.0093.

Shaffer E, Porter S, Zha P, Condon E. Diaper Need as a Measure of Material Hardship During COVID-19. *Nurs Res.* 2022;71(2):90-95. doi:10.1097/NNR.0000000000000572.

The NDBN Diaper Check 2023: Diaper Insecurity among U.S. Children and Families. National Diaper Bank Network. June 15, 2023. https://nationaldiaperbanknetwork.org/wp-content/uploads/2023/06/NDBN-Diaper-Check-2023_Executive-Summary-FINAL.pdf.

Gardner A, Mondestin T. Delaware and Tennessee Become First States to Cover Diapers for Young Children in Medicaid through Section 1115 Demonstrations. The Center for Children & Families at the McCourt School of Public Policy at Georgetown University. May 21, 2024. Accessed June 25, 2025. <https://ccf.georgetown.edu/2024/05/21/delaware-and-tennessee-become-first-states-to-cover-diapers-for-young-children-in-medicaid-through-section-1115-demonstrations/>.

Engelhard N. Did You Know Work First New Jersey Now Provides Participants with a \$30 Diaper Benefit? Advocates for Children of New Jersey. September 23, 2024. Accessed June 25, 2025. <https://acnj.org/did-you-know-work-first-new-jersey-now-provides-participants-with-a-30-diaper-benefit/>.

Gates D, Callaway I, Campbell SE, McCormick M, Zaveri H. Diaper Distribution Programs: Overview of Programs and Available Research. Office of Planning, Research, and Evaluation, Administration for Children and Families, U.S. Department of Health and Human Services. January 31, 2023. <https://www.mathematica.org/publications/diaper-distribution-programs-overview-of-programs-and-available-research>.

Massengale KEC, Erausquin JT, Old M. Health, Social, and Economic Outcomes Experienced by Families as a Result of Receiving Assistance from a Community-Based Diaper Bank. *Matern Child Health J.* 2017;21(10):1985-1994. doi:10.1007/s10995-017-2317-9.

CONCLUSION

Cooper K, Stewart K. Does Household Income Affect Children's Outcomes? A Systematic Review of the Evidence. *Child Ind Res.* 2021;14(3):981-1005. doi:10.1007/s12187-020-09782-0.

East CN, Miller S, Page M, Wherry LR. Multigenerational Impacts of Childhood Access to the Safety Net: Early Life Exposure to Medicaid and the Next Generation's Health. *American Economic Review.* 2023;113(1):98-135. doi:10.1257/aer.20210937.

Barr A, Gibbs CR. Breaking the Cycle? Intergenerational Effects of an Antipoverty Program in Early Childhood. *Journal of Political Economy.* 2022;130(12):3253-3285. doi:10.1086/720764.

Shrider EA, Creamer J. Poverty in the United States: 2022. United States Census Bureau. September 12, 2023. Accessed May 5, 2025. <https://www.census.gov/library/publications/2023/demo/p60-280.html>.