

Impact of ECE Teacher Education on Program Quality, Child Outcomes or Teachers: A Partial List of Research Evidence

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This document provides a few citations that have shown the relationships between teacher's education and better classrooms, child outcomes and teacher benefit. The first two of these are meta-analyses. A meta-analysis researches the literature, finds various studies done on the relationship between education and better classrooms and/or child outcomes, uses and combines the original data from these studies, creates a much larger and robust database and conducts a larger analysis. You will note in those citations below that the number of different studies used is provided.

1. [Higher teacher qualifications are associated with higher quality early childhood education and care–Campbell Collaboration](#), 2017. (Forty-eight different studies were included in this meta-analysis; 82 independent samples were included in the analysis.)
2. [The impact of teacher education on outcomes in center-based Early Childhood Education Programs: A meta-analysis](#). National Institute for Early Education Research. Kelley, P. and Camilli, G. (2016, August 17). Retrieved June 20, 2022. (Thirty-two different studies were included in this meta-analysis.)
3. [Transforming the Workforce for Children Birth Through Age 8: A Unifying Foundation](#) National Research Council, 2015. Washington, DC: The National Academies Press.
4. [Unifying Framework for the Early Childhood Profession](#), Power to the Profession, 2020.
5. [Comparisons among quality measures in child care settings: Understanding the use of multiple measures in North Carolina's QRIS and their links to social-emotional development in preschool children](#). Early Childhood Research Quarterly, 2015. Hestenes, L. L., Kintner-Duffy, V., Wang, Y. C., La Paro, K., Mims, S. U., Crosby, D., Scott-Little, C., Cassidy, D. J.
6. [Education level and quality as it relates to early childhood classroom quality](#). [Journal of Research in Early Childhood Education](#), 2009, Mims, S.U., Scott-Little, C., Lower, J.K., Cassidy, D.J., Hestenes, L..
7. [Beyond False Choices for Early Childhood Educators](#), 2018. Susan Russell, New America.
8. [Infants and Toddlers in High Quality Child Care Seem to Reap the Benefits Longer](#). [Research Says](#). 2023. Hechinger Report, 2023. Mader J. Retrieved August 18, 2024. Study Title: Kindergarten through Grade 3 Outcomes Associated with Participation in High Quality Early Care and Education: A RCT Follow-up Study. 2022, Horm, D., Jeon, S., Clavijo, M., Acton, M. *Educ. Sci.* **2022**, *12*(12), 908; <https://doi.org/10.3390/educsci12120908>