

**Inclusion of Young Children with Disabilities:
A Critical Quality Indicator in Early Childhood Education**

Resources and References

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Related Resources

- 2021 Annual Report to Congress on the Individuals with Disabilities Education Act (IDEA):
<https://sites.ed.gov/idea/2021-individuals-with-disabilities-education-act-annual-report-to-congress/>
- Caring for Our Youngest: State Strategies for Improving the Quality of Child Care for Children Under Age Three Through Quality Improvement Systems: <https://buildinitiative.org/resource-library/caring-for-our-youngest-state-strategies-for-improving-the-quality-of-child-care-for-children-under-age-three-through-quality-improvement-systems/>
- Children with Special Needs and Inclusion Practices in QRISs:
https://childcareta.acf.hhs.gov/sites/default/files/public/347_2010_qris_fact_sheet_special_needs_and_inclusion_final_508compliant.pdf
- Considerations for Developing State Policy and Guidance on Inclusion of Children with Disabilities in Early Childhood Programs: <https://ectacenter.org/~pdfs/topics/inclusion/considerations-state-policies.pdf>

- DEC/NAEYC (2009) Joint Position Statement on Early Childhood Inclusion:
https://www.naeyc.org/sites/default/files/globally-shared/downloads/PDFs/resources/position-statements/ps_inclusion_dec_naeyc_ec.pdf
- ECTA Indicators of High-Quality Inclusion: <https://ectacenter.org/topics/inclusion/indicators.asp>
- Early Care and Education Environment Indicators and Elements of High-Quality Inclusion:
<https://ectacenter.org/topics/inclusion/indicators-ece.asp>
- Every Child Can Fly: An Early Childhood Educator's Guide to Inclusion:
<https://www.amazon.com/dp/0876599331>
- Policy Statement on Inclusion of Children with Disabilities in Early Childhood Programs:
<https://sites.ed.gov/idea/idea-files/policy-statement-inclusion-of-children-with-disabilities-in-early-childhood-programs/>
- Preschool Inclusion: Key Findings from Research and Implications for Policy:
http://www.nccp.org/wp-content/uploads/2020/05/text_1154.pdf
- Quality Indicators of Inclusive Early Childhood Programs and Practices:
<https://files.eric.ed.gov/fulltext/ED512722.pdf>
- QRIS Compendium: <https://qualitycompendium.org/>
- QRIS Resource Guide: <https://ecquality.acf.hhs.gov/resource-guide>
- Quality Indicators of Inclusive Early Childhood Programs/Practices Quality Indicators of Inclusive Early Childhood Programs/Practices A Compilation of Selected Resources:
<https://ectacenter.org/~pdfs/pubs/qualityindicatorsinclusion.pdf>
- QRIS and Inclusion: Do state QRIS standards support the learning needs of all children?:
http://ceelo.org/wp-content/uploads/2014/11/ceelo_fast_fact_qris_inclusion.pdf
- Start With Equity: Expanding Inclusive Learning (Children's Equity Project)
<https://childandfamilysuccess.asu.edu/sites/default/files/2020-07/CEP-disabilities-inclusion-pullout-070620-FINAL.pdf>

- The Impact of COVID-19 on Early Care and Education Quality Initiatives:
<https://buildinitiative.org/resource-library/the-impact-of-covid-19-on-early-care-and-education-quality-initiatives/>
- Why Program Quality Matters for Early Childhood Inclusion:
https://npdci.fpg.unc.edu/sites/npdci.fpg.unc.edu/files/resources/NPDCI-Why-Program-Quality-Matters-for-Early-Childhood-Inclusion_11-2009_0.pdf

References

20 USC 1400. 2004. Individuals with Disabilities Education Improvement Act of 2004.

42 USC 9801 et seq. 2007. Head Start Act.

https://eclkc.ohs.acf.hhs.gov/sites/default/files/pdf/HS_Act_2007.pdf

Artiga, S., Corallo, B., & Pham, O. (2020). Racial disparities in COVID-19: Key findings from available data and analysis. Kaiser Family Foundation. <https://www.kff.org/report-section/racial-disparities-in-covid-19-key-findings-from-available-data-and-analysis-issuebrief/>

Artiles, A. J., Harry, B., Reschly, D. J., & Chinn, P. C. (2002). Over-identification of students of color in special education: A critical overview. *Multicultural perspectives*, 4(1), 3-10;

Applegate, K. G., Pentimonti, J., & Justice, L. M. (2011). Parents' selection factors when choosing preschool programs for their children with disabilities. *Child & Youth Care Forum*, 40, 211–231.

Award of Excellence in Inclusion of Children with Special Needs (2015). Illinois Inclusion Guidelines Checklist. Springfield, IL: Illinois Office of Early Childhood Development.
<https://www.excelerateillinoisproviders.com/docman/resources/95-illinois-inclusion-guidelines-checklist>

Banda, Devender R., Stephanie L. Hart, and Lan Liu-Gitz. 2010. "Impact of Training Peers and Children with Autism on Social Skills during Center Time Activities in Inclusive Classrooms." *Research in Autism Spectrum Disorders* 4(4): 619–625.

Barton, Erin E., and Barbara J. Smith. (2015). "Advancing High Quality Preschool Inclusion: A Discussion and Recommendations for the Field." *Topics in Early Childhood Special Education* 35(2): 69–78.

Booth-LaForce, C., & Kelly, J. F. (2004). Childcare patterns and issues for families of preschool children with disabilities. *Infants & Young Children*, 17, 5–16.

Build Initiative & Child Trends. (2019). Quality Rating and Improvement Systems compendium [Data system]. <http://qualitycompendium.org/>

Buyse, Virginia. (2011). "Access, Participation, and Supports: The Defining Features of High-Quality Inclusion." *Zero to Three* 31(4): 24–31.

Buyse, Virginia, Barbara D. Goldman, and Martie L. Skinner. (2002). "Setting Effects on Friendship Formation among Young Children with and without Disabilities." *Exceptional Children* 68(4): 503–517.

Buysse, V., Wesley, P. W., Bryant, D. M., & Gardner, D. (1999). Quality of early childhood programs in inclusive and noninclusive settings. *Exceptional Children*, 65, 301–314

Cross, Alice F., et al. 2004. "Elements of Successful Inclusion for Children with Significant Disabilities." *Topics in Early Childhood Special Education* 24(3): 169–183.

Cryer, D., Tietze, W., Burchinal, M., Leal, T., & Palacios, J. (1999). Predicting process quality from structural quality in preschool programs: A cross-country comparison. *Early Childhood Research Quarterly*, 14(3), 339–361. [https://doi.org/10.1016/S0885-2006\(99\)00017-4](https://doi.org/10.1016/S0885-2006(99)00017-4)

Early Childhood Technical Assistance Center, & National Center for Pyramid Model Innovations (2020). Indicators of High-Quality Inclusion. <https://ectacenter.org/topics/inclusion/indicators.asp>

Early Childhood Quality Assurance Center. (2020). *Trends in Child Care Center Licensing Requirements and Policies for 2017*. Research brief #1. https://childcareta.acf.hhs.gov/sites/default/files/public/2003_center_licensing_trends_brief_2017_final_0.pdf

Ferri, B. A., & Connor, D. J. (2014). Talking (and not talking) about race, social class, and dis/ability: Working margin to margin. *Race, Ethnicity and Education*, 17(4), 471-493.

Fierros, E. G., & Conroy, J. W. (2002). Double jeopardy: An exploration of restrictiveness and race in special education. *Racial Inequity in Special Education*, 39-70.

Green, Katherine, Nicole P. Terry, and Peggy A. Gallagher. (2014). "Progress in Language and Literacy Skills Among Children with Disabilities in Inclusive Early Reading First Classrooms." *Topics in Early Childhood Special Education* 33(4): 249–259.

Hanno EC, Gonzalez KE, Jones SM, Lesaux NK. (2021). Linking Features of Structural and Process Quality Across the Landscape of Early Education and Care. *AERA Open*. doi:10.1177/23328584211044519

Harris, P., Blasberg, A., Mathias, D., & Stover Wright, M. (2021). The Impact of COVID-19 on Early Care and Education Quality Initiatives. *The Build Initiative and Child Trends*. https://qualitycompendium.org/assets/documents/Impact_of_COVID-19_on_ECE_Quality_Initiatives.pdf

Hehir, T., Grindal, B. Freeman, R. Lamoreau, Y. Borquaye, and S. Burke. (2016). "A Summary of the Evidence on Inclusive Education." https://alana.org.br/wp-content/uploads/2016/12/A_Summary_of_the_evidence_on_inclusive_education.pdf

Holahan, Annette, and Virginia Costenbader. (2000). "A Comparison of Developmental Gains for Preschool Children with Disabilities in Inclusive and Self-Contained Classrooms." *Topics in Early Childhood Special Education* 20(4): 224–235.

Howes, C., Burchinal, M., Pianta, R., Bryant, D., Early, D., Clifford, R., & Barbarin, O. (2008). Ready to learn? Children's pre-academic achievement in pre-kindergarten programs. *Early Childhood Research Quarterly*, 23(1), 27–50. <https://doi.org/10.1016/j.ecresq.2007.05.002>

Justice, Laura M., Jessica A. R. Logan, Tzu-Jung Lin, and Joan N. Kaderavek. 2014. "Peer Effects in Early Childhood Education: Testing the Assumptions of Special-Education Inclusion." *Psychological Science* 25(9): 1722–1729.

Kozlowski, Jani. (2022). *Every Child Can Fly: An Early Childhood Educator's Guide to Inclusion*. Gryphon House, Inc., Lewisville, NC.

Lawrence, Sharmila, et. al. (2016). "Preschool Inclusion: Key Findings from Research and Implications for Policy." Child Care and Early Education Research Connections. http://www.nccp.org/wp-content/uploads/2020/05/text_1154.pdf

McCoy, C., Yoshikawa, H., & Ziol-Gues, K.M. (2017). "Impacts of early childhood education on medium- and long-term educational outcomes". Educational Researcher, 46:8, 474-487.

Meek, S., Smith, L., Allen, R., Catherine, E., Edyburn, K., Williams, C., & Pontier, R. (2020). Start with equity: From the early years to the early grades. Children's Equity Project and Bipartisan Policy Center. <https://childandfamilysuccess.asu.edu/sites/default/files/2020-07/CEP-report-071520-FINAL.pdf>

National Center on Early Childhood Quality Assurance. (2020). Research Brief #1: Trends in Child Care Center Licensing Regulations and Policies for 2017. Washington, DC: Office of Child Care. Retrieved from https://childcareta.acf.hhs.gov/sites/default/files/public/2003_center_licensing_trends_brief_2017_final_0.pdf

National Center for Education Statistics, "2016 National Household Education Survey: Early Childhood Program Participation Survey" (Washington: U.S. Department of Education, 2018), available at <https://nces.ed.gov/nhes/dataproducts.asp#2016dp>.

National Professional Development Center on Inclusion. (2009). Why program quality matters for early childhood inclusion: Recommendations for professional development. Chapel Hill: The University of North Carolina, FPG Child Development Institute, Author. Available at <http://npdci.fpg.unc.edu>

Novoa, Christina. (2020). "The Child Care Crisis Disproportionately Affects Children With Disabilities." The Center for American Progress. <https://cdn.americanprogress.org/content/uploads/2020/01/07090004/Child-Care-for-Children-with-Disabilities1.pdf>

Odom, Samuel L., Virginia Buysse, and Elena Soukakou. (2011). "Inclusion for Young Children with Disabilities: A Quarter Century of Research Perspectives." Journal of Early Intervention 33(4): 344–356.

Odom, Samuel L., Thomas B. Parrish, and Christine Hikido. (2001). "The Costs of Inclusive and Traditional Special Education Preschool Programs." Journal of Special Education Leadership 14(1): 33–41.

Odom, Samuel L., et al. (2000). "Approaches to Understanding the Ecology of Early Childhood Environments for Children with Disabilities." In Behavioral Observation: Technology and Applications in Developmental Disabilities. Baltimore, MD: Paul H. Brookes.

Odom, Samuel L., et al. (2001). "The Costs of Preschool Inclusion." Topics in Early Childhood Special Education 21(1): 46–55.

Odom, Samuel L., et al. (2004). "Preschool Inclusion in the United States: A Review of Research from an Ecological Systems Perspective." Journal of Research in Special Educational Needs 4(1): 17–49.

Odom, Samuel L., et al. (2006). "Social Acceptance and Social Rejection of Young Children with Disabilities in Inclusive Classes." Journal of Educational Psychology 98(4): 807–823.

Office for Civil Rights. (n.d.). Civil Rights Data Collection. Retrieved December 15, 2021, from <https://ocrdata.ed.gov/>

Oswald, D. P., Coutinho, M. J., & Best, A. M. (2002). Community and school predictors of overrepresentation of minority children in special education. *Racial inequity in special education*, 1-13;

Phillipsen, L. C., Burchinal, M. R., Howes, C., & Cryer, D. (1997). The prediction of process quality from structural features of child care. *Early Childhood Research Quarterly*, 12(3), 281–303.
[https://doi.org/10.1016/S0885-2006\(97\)90004-1](https://doi.org/10.1016/S0885-2006(97)90004-1)

Pianta, R. C., Hamre, B. K., & Nguyen, T. (2020). Measuring and improving quality in early care and education. *Early Childhood Research Quarterly*, 51, 285–287. <https://doi.org/10.1016/j.ecresq.2019.10.013>

Pianta, R. C., Howes, C., Burchinal, M., Bryant, D., Clifford, R., Early, D., & Barbarin, O. (2005). Features of pre-kindergarten programs, classrooms, and teachers: Do they predict observed classroom quality and child-teacher interactions? *Applied Developmental Science*, 9(3), 144–159. https://doi.org/10.1207/s1532480xads0903_2

Rafferty, Yvonne, and Kenneth W. Griffin. 2005. “Benefits and Risks of Reverse Inclusion for Preschoolers with and without Disabilities: Perspectives of Parents and Providers.” *Journal of Early Intervention* 27(3): 173–192.

Rapid-EC Survey (2022) Child Care Difficulties On the Rise for Parents of Young Children. Retrieved from: <https://rapidsurveyproject.com/our-research/child-care-difficulties-on-the-rise-for-parents-of-young-children>

Rausch, Alissa, Jaclyn Joseph, and Elizabeth Steed. (2019). “Dis/ability Critical Race Studies (DisCrit) for Inclusion in Early Childhood Education: Ethical Considerations of Implicit and Explicit Bias.” *Zero to Three* 40(1): 43–51.

Schell-Frank, Deb, Howard, Wynette and Link, Sandra (2017). Indicators of Quality Inclusion in Early Childhood (IQI-EC). Colorado Preschool Special Education Advisory Committee.
<https://www.cde.state.co.us/early/iqiec>

Skiba, R. J., Poloni-Staudinger, L., Gallini, S., Simmons, A. B., & Feggins-Azziz, R. (2006). Disparate access: The disproportionality of African American students with disabilities across educational environments. *Exceptional Children*, 72(4), 411-42.

Slot, P. L., Bleses, D., Justice, L. M., Markussen-Brown, J., & Højen, A. (2018). Structural and process quality of Danish preschools: Direct and indirect associations with children’s growth in language and preliteracy skills. *Early Education and Development*, 29(4), 581–602.
<https://doi.org/10.1080/10409289.2018.1452494>

Slot, P. L., Leseman, P. P. M., Verhagen, J., & Mulder, H. (2015). Associations between structural quality aspects and process quality in Dutch early childhood education and care settings. *Early Childhood Research Quarterly*, 33, 64–76. <https://doi.org/10.1016/j.ecresq.2015.06.001>

Soukakou, E. P. (2012). Measuring quality in inclusive preschool classrooms: Development and validation of the Inclusive Classroom Profile (ICP). *Early Childhood Research Quarterly*, 27(3), 478–488.

Strain, Phillip S. 2014. “Inclusion for Preschool Children with Disabilities: What We Know and What We Should Be Doing.” https://ectacenter.org/~pdfs/topics/inclusion/research/STRAIN_what_we_know.pdf

Strain, Phillip S., and Edward H. Bovey II. (2015). "The Power of Preschool Peers to Influence Social Outcomes for Children with Special Needs." In *The Power of Peers in the Classroom: Enhancing Learning and Social Skills*. New York: Guilford Press.

The Children's Equity Project (CEP). (n.d.). Center for Child and Family Success.
<https://childandfamilysuccess.asu.edu/cep>

The Education Trust, National Center for Learning Disabilities & ZERO TO THREE. (2021). *Our Youngest Learners, Increasing Equity in Early Intervention*. <https://edtrust.org/wp-content/uploads/2014/09/Increasing-Equity-in-Early-Intervention-May-2021.pdf>

US Department of Education. 2020. 42nd Annual Report to Congress on the Implementation of the Individuals with Disabilities Education Act, 2020. Washington, DC: Office of Special Education and Rehabilitative Services, US Department of Education. <https://www.sattlerpublisher.com/42ndIDEA.pdf>

Weglarz-Ward, Jenna M., Rosa M. Santos, and Jennifer Timmer. 2019. "Factors that Support and Hinder Including Infants with Disabilities in Child Care." *Early Childhood Education Journal* 47: 163–173.

Weiland, C. (2016). Impacts of the Boston prekindergarten program on the school readiness of young children with special needs. *Developmental Psychology*, 52(11), 1763–1776.

Yu, Seon Yeong. 2019. "Head Start Teachers' Attitudes and Perceived Competence Toward Inclusion." *Journal of Early Intervention* 41(1): 30–43.



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Early CHOICES www.eclre.org

What makes Inclusion Work: <https://www.eclre.org/good-to-know/what-makes-inclusion-work/>

Illinois Vision Statement <https://eclre.org/media/140788/illinois-inclusion-vision-statement3719pdf.pdf>

Summit information <https://www.eclre.org/good-to-know/illinois-early-childhood-inclusion-policy-summit/>

Illinois Each & Every Child Inclusion Brochure It is available in English, Spanish, Polish, French, Arabic and Urdu.

<https://www.eclre.org/research-resources/illinois-resources/>

IL Senate Joint Resolution for Preschool Inclusion: <https://www.eclre.org/wp-content/uploads/2019/10/Senata-Joint-Resolution-2019.pdf>

IL Inclusion Strategic Plan: <https://www.eclre.org/wp-content/uploads/2020/04/InclusionBrochure2020HyperlinksFinal4.6.20.pdf>

IL Inclusion Guidelines: <https://www.eclre.org/wp-content/uploads/2020/08/Illinois-Inclusion-Guidelines-2020-2-pages.pdf>

IL Inclusion Guidelines Checklist: <https://www.eclre.org/wp-content/uploads/2020/08/IIGC-2020.docx>

Outstanding Practices in Inclusion:

<http://www.eclre.org/good-to-know/outstanding-practices-in-inclusion.aspx>

Community Inclusion Teams Report and Infographics here:

<https://www.eclre.org/planning-tools/implementation-of-inclusion-project/>

COP for PD Providers Report <https://www.eclre.org/wp-content/uploads/2022/04/COP-PD-Inclusion3.25.22.pdf>

IL Understanding Inclusion online modules: <https://www.eclre.org/good-to-know/understanding-inclusion/>