

JUNE 2021

# HISTORIC CRISIS, HISTORIC OPPORTUNITY:

USING EVIDENCE TO MITIGATE THE EFFECTS OF  
THE COVID-19 CRISIS ON YOUNG CHILDREN AND  
EARLY CARE AND EDUCATION PROGRAMS

## APPENDIX

Christina Weiland, Erica Greenberg, Daphna Bassok, Anna Markowitz, Paola Guerrero Rosada,  
Grace Luetmer, Rachel Abenavoli, Celia Gomez, Anna Johnson, Brenda Jones-Harden, Michelle Maier,  
Meghan McCormick, Pamela Morris, Milagros Nores, Deborah Phillips, & Catherine Snow



## STUDIES INCLUDED IN OUR DETAILED REVIEW

SORTED BY NATIONAL, STATE, AND LOCAL AND THEN ALPHABETICALLY BY RESOURCE NAME

RESOURCE NAME AUTHORS	DATA COLLECTION	DATE PUBLISHED	GEOGRAPHY	ECE PROGRAM TYPE	DATA ON CHILDREN'S LEARNING?	DATA ON ECE PROGRAMS?
NATIONAL STUDIES						
<a href="#">Changing Patterns of Growth in Oral Reading Fluency During the COVID-19 Pandemic</a> Benjamin W. Domingue, Heather J. Hough, David Lang, Jason Yeatman	N/A	03/01/21	National	Schools - Grades 1 - 3	x	
<a href="#">Childcare: An Essential Industry for Economic Recovery</a> U.S. Chamber of Commerce Foundation		09/01/20	National	A variety of provider types from large, for-profit centers to local nonprofit organizations to home-based providers	x	x
<a href="#">COVID-19 means more students not learning to read</a> Amplify	Middle of the 20-21 school year	02/01/21	National	Kindergarten - 3rd grade	x	
<a href="#">COVID-19 Transmission in US Child Care Programs</a> Walter S. Gilliam, Amy A. Malik, Mehr Shafiq, Madeline Klotz, Chin Reyes, John Eric Humphries, Thomas Murray, Jad A. Elharake, David Wilkinson, Saad B. Omer	05/22/20 - 06/08/20	10/01/20	National	Center based, family based/ home based child care providers	x	x
<a href="#">How Kids Are Performing Tracking the Midyear Impact of COVID-19 on Reading and Mathematics Achievement</a> Renaissance Learning	December 1 2020	04/01/21	National	1st, 2nd, 3rd grade	x	
<a href="#">K-12 parents' satisfaction with child's education slips</a> Megan Brennan	7/30/20 - 8/12/20	08/25/20	National	K-12 schools	x	x
<a href="#">Large socio-economic, geographic, and demographic disparities exist in exposure to school closures</a> Zachary Parolin and Emma K. Lee	01/18 - 12/20	12/01/20	National	Schools	x	
<a href="#">Learning during COVID-19: Initial findings on students' reading and math achievement and growth</a> Megan Kuhfeld, Beth Tarasawa, Angela Johnson, Erik Ruzek, and Karyn Lewis	Fall 2020	11/01/20	National	3rd grade	x	
<a href="#">National Snapshot of State Agency Approaches to Child Care during the COVID-19 Pandemic</a> Christi A. Grimm	04/30/20 - 06/30/20	09/01/20	National	Child Care providers with CCDF programs	x	x
<a href="#">Pandemic Parent Survey Findings Perverse Pattern: Students are More Likely to Be Attending School in Person Where COVID is Spreading More Rapidly</a> Michael B. Henderson, Paul E. Peterson, Martin R. West	11/10/20 - 12/3/20	01/19/21	National	Kindergarten, 1st, 2nd, and 3rd grades	x	
<a href="#">Seven Impacts of the Pandemic on Young Children and their Parents: Initial Findings from NIEER's December 2020 Preschool Learning Activities Survey</a> W. Steven Barnett and Kwanghee Jung	05/22/2020 - 12/11/2020	02/01/21	National	Preschool	x	
<a href="#">Special Report: The Covid-19 Pandemic's Impact on Preschool</a> NIEER	N/A	04/2021	National	Preschool	x	x
<a href="#">The impact of COVID-19 on the U.S. child care market: Evidence from stay-at-home orders</a> Umair Ali, Chris M. Herbst, and Christos A. Makridis	01/01/20 - 06/30/30	01/19/21	National	Child care, Head Start, Early Head Start, Pre-kindergarten		x

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<u>The True Cost of Providing Safe Child Care During the Coronavirus Pandemic</u> Simon Workman and Steven Jessen-Howard		09/01/20		Licensed child care centers and homes		x
<u>Well-being of Parents and Children During the COVID-19 Pandemic: A National Survey</u> Stephen W. Patrick, Laura E. Henkhaus, Joseph S. Zickafoose, Kim Lovell, Alese Halvorson, Sarah Loch, Mia Letterie and Matthew M. Davis	06/01/20 – 06/30/20	10/01/20	National	N/A	x	x
<u>Young Children's Home Learning and Preschool Participation Experiences During the Pandemic</u> Steven Barnett, Kwanghee Jung, and Milagros Nores	05/22/20 – 06/05/20	07/01/20	National	All programs for 3-5 years	x	x
STATE-LEVEL STUDIES						
<u>A Fragile Ecosystem: The Impact of COVID-19 on Kentucky's Child Care Providers</u> United Way of Kentucky; Prichard Committee for Academic Excellence; Kentucky Youth Advocates; Child Care Advocates of Kentucky; Metro United Way; Learning Grove; United Way of Greater Cincinnati		06/01/20	Kentucky	Licensed child care providers		x
<u>A System in Jeopardy: California's Early Learning System and its Dual Language Learners During the COVID-19 Pandemic</u> Heather Quick, Lisa White, Iliana Brodziak de los Reyes, Rebecca Bergey, and Maryan Carbuccia-Abbott	06/11/20 – 07/16/20	09/01/21	California	School-based programs, community-based programs, Head Start programs, state preschool programs, and family child care homes	x	x
<u>An Equitable Return to Early Education Demands a Smart Approach to Data</u> Erica Greenberg	N/A	02/01/21	Florida	Public kindergarten		x
<u>An exploratory study of the use of time diaries to understand young children's experiences during the pandemic</u> Milagros Nores	5/13/2020 – 6/19/20	11/18/20	New Jersey	Preschool, kindergarten, first grade public schools	x	x
<u>Better Data Use Shows the Depths of the Pandemic Prekindergarten Crisis</u> Erica Greenberg	N/A	03/01/21	Florida	Public school based Pre-K		x
<u>California's Early Learning and Care Providers - Essential Workers Who Need Support</u> Rebecca Bergey, Heather E. Quick, Jennifer Anthony, Carolyne Crolotte, and Patricia Lozano	05/20 – N/R	06/01/20	California	California early learning and care programs: school-based; center-based; Head Start; State Preschool; family child care homes; and family, friend and neighbor care	x	x
<u>Caring During Covid: The Impact of the Pandemic on Maryland Child Care Providers</u> Maryland Family Network. Laura Weeldreyer, Steve Rohde, Lacey Egerton, Douglas Lent, Clinton Macsherry, Beth Morrow, FloJean Speck, Heather Cope, Libbie Sonnier-Netto	05/05/20 – 05/15/20	06/01/20	Maryland	Licensed child care providers	x	x
<u>Colorado school district needs inventory</u> Colorado Department of Education and Colorado Education Initiative	03/20 – 04/15/20	04/01/20	Colorado	CO public school districts	x	
<u>Community Conversations: COVID-19 and Early Childhood</u> Early Milestones Colorado	07/01/20 – 08/31/20	08/01/20	Colorado	Early childhood educators, council staff, advocates, family support staff, local and state government staff, other professionals (including healthcare and higher education)	x	x
<u>Data Insights: How the Pandemic is Affecting the 2020-2021 School Year</u> Ohio Department of Education	N/A	05/21/2021	Ohio	Pre-K - 3rd grade	x	

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<u>DHS child care provider survey</u> Rhode Island Department of Human Services	04/09/20 -N/R	04/01/20	Rhode Island	Licensed child care programs	x	x
<u>Early childhood education during the COVID-19 pandemic: The experiences of Arkansas educators</u> Grindal, Sheila Smith, Jennifer Nakamura, Maribel Granja	10/21/20 - 12/17/20	12/17/20	Arkansas	Private center-based programs, school-based preschools, Head Start, Arkansas Better Chance (ABC) programs, home-based ECE programs	x	x
<u>Early childhood throughout the COVID-19 pandemic: The experiences of Arkansas educators</u> Jennifer Nakamura, Todd A. Grindal, Kirby A Chow, Nancy K Perez	02/21 - 03/21	05/01/21	Arkansas	Center and home based child care	x	x
<u>Examining early reading skills in the wake of COVID-19: Virginia Fall 2020 state-wide screening key findings</u> Key findings are taken from McGinty, A.S., Gray, A., Herring, W., Soland, J., & Partee, A. (2021, expected February). Report of the PALS Office at the University of Virginia, Charlottesville	Fall 2020	N/A	Virginia	Kindergarten and first grade students	x	
<u>Facing Learning Disruption: Examining the Effects of the COVID-19 Pandemic on K-12 Students</u> Isaac Kwakye and Emma Kibort-Crocker	N/A	03/01/21	Washington	Grade K-5	x	
<u>Family Care Child Providers: Unsung Heroes in the COVID-19 Crisis</u> Porter, T., Bromer, J., Melvin, S., Ragonese-Barnes, M., & Molloy, P.	03/01/20 - 06/01/20	09/01/20	California, Florida, Massachusetts, Wisconsin	Family daycare	x	x
<u>Supporting Hawai'i's Child Care Providers During COVID-19</u> Early Childhood Action Strategy	N/A	06/22/20	Hawai'i	Family child care, center-based child care, Head Start	x	x
<u>How Are They Faring? Impacts of the COVID-19 Pandemic on the Lives of Families and Young Children in Massachusetts</u> Gonzalez, K. E., Hanno, E. C., Cuartas, J., Jones, S. M., Lesaux, N. K., Hofer, K., Checkoway, A., & Goodson, B.	04/16/20 -06/24/20	08/01/20	Massachusetts	Kindergarten and 1st grade	x	
<u>Impact of COVID-19 on Mississippi Childcare Centers</u> University of Mississippi's Center for Research Evaluation (CERE)	05/05/20 - 05/11/20	05/01/20	Mississippi	Licensed childcare centers (not including Head Start/ Early Head Start)		x
<u>Impacts of COVID-19 on Families' Experiences with Child Care</u> Center for the Improvement of Child and Family Services at Portland State University and OSLC Developments, Inc.	Fall 2020	02/01/21	Oregon	N/A - parent focused	x	
<u>Impacts of COVID-19 on the Child Care Sector: Evidence from North Carolina</u> Qing Zhang, Maria Sauval, Jade M. Jenkins	N/A	04/01/21	North Carolina	Licensed child care providers	x	x
<u>Implementing Mitigation Strategies in Early Care and Education Settings for Prevention of SARS-cov-2 Transmission—Eight States, September–October 2020</u> Fátima Coronado, Sara Blough, Deborah Bergeron, Krista Proia, Erin Sauber-Schatz, Marco Beltran, Katherine Troy Rau, Andria McMichael, Tracye Fortin, Mark Lackey, Jovanna Rohs, Tracey Sparrow, Grant Baldwin	09/01/20 - 10/31/20	12/01/20	Alaska, Georgia, Idaho, Maine, Missouri, Texas, Washington, and Wisconsin	Head Start and Early Head Start	x	x
<u>Maine Child Care Sector Operating at a Financial Loss</u> Maine Association for the Education of Young Children (MaineAEYC)	06/25/20 - 06/30/20	07/01/20	Maine	Child care (does not specify if centers and family daycares included)		x

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<a href="#">Measuring the Impact of COVID-19 on Colorado's Early Care and Learning Sector</a> Suzanne Delap, Meg Franko, Katherine Nicolaou, Gerardo Silva-Padrón, and Courtney Thornton	06/16/20 – 07/16/20	03/01/21	Colorado	Child care centers, child care homes, preschool	×	×
<a href="#">NC Pre-K remote learning survey results: covid-19 response</a> North Carolina Department of Health and Human Services, Division of Child Development and Early Education, Robert Carr	04/17/20 - 04/24/20	05/01/20	North Carolina	Pre-K classrooms, located within public schools, Head Start programs, private child care centers	×	×
<a href="#">Nebraska COVID-19 Early Care and Education Provider Survey II (August 2020)</a> Alexandra Daro, and Kathleen Gallagher	06/08/20 - 06/23/20	08/01/20	Nebraska	Licensed family home-based and center-based child care providers in Nebraska	×	×
<a href="#">New Year, Same Challenges: The Continued Impacts of COVID-19 on Louisiana Child Care Providers</a> Louisiana Policy Institute for Children (LPIC)	1/13/21 - 1/27/21	03/01/21	Louisiana	Center, Family, In-home child care	×	×
<a href="#">November 2020 Data From PATCH Survey of DHS Regulated Child Care Providers</a> Early Childhood Action Strategy and PATCH		11/01/20	Hawaii	Regulated child care (before and after school care programs, family child care providers, group child care centers, group child care homes, infant and toddler programs)	×	×
<a href="#">October 2020 Data from PATCH Survey of DHS Regulated Child Care Providers</a> Early Childhood Action Strategy (ECAS)	N/R - 10/2020	10/01/20	Hawaii	All regulated child care providers: before and after school programs, family child care providers, group child care centers, group child care homes, infant & toddler programs		×
<a href="#">Ohio covid-19 child care study findings</a> Freedman, D. A., Tisch, D., Ciesielski, T., Yamoah, O., Borawski, E., Minnes, S., Burkhart, K., Dimitropoulos, A., Nock, N., Lee, E. K., Embaye, M., Doernberg, E., Balser, S., Lewis-Miller, C., Sommer, R., Marks, M. E., Ogland-Hand, C., O'Brien, M., & Ross, K.	08/15/20 - 11/20/20	12/01/20	Ohio	Licensed child care programs		×
<a href="#">Over Half of Maryland's Child Care Programs May Close Due to COVID-19</a> Maryland Family Network	N/R	07/01/20	Maryland	Licensed child care providers		×
<a href="#">Pandemic Meets Preschool: Impacts of the COVID-19 Outbreak on Early Education and Care in Massachusetts</a> Hanno, E. C. Gonzalez, K. E., Gardner, M., Jones, S. M., Lesaux, N. K., Hofer, K., Checkoway, A., & Goodson, B.	04/21/20 - 06/17/20	08/01/20	Massachusetts	Family child care, community based centers, Head Start, and public school Pre-K programs	×	×
<a href="#">Review of Early Childhood Education Business Needs Survey</a> Kathryn E. Parr, Kyle Pilon, Juliany Polar, Bonnya Mukherjee	05/05/20	06/01/20	Connecticut	Licensed child care centers, group homes, family child cares, and state-funded license exempt programs (receiving any combination of the following funds: Care4Kids, School Readiness, Child Day Care contracts, or State Head Start)	×	×
<a href="#">Short Term Assistance Benefit for Licensed Entities (STABLE) Child Care Survey</a> Katie Davis, Brian Simmons, Melinda Williams Moore, Theresa A. Wright	07/07/20 - 07/29/20	10/01/20	Georgia	Licensed Child Care Learning Centers (CCLC) and Family Child Care Learning Home (FCCLH) in GA	×	×
<a href="#">Supporting Child Care Providers and the Dual Language Learners They Serve During the COVID-19 Crisis</a> Lisa White, Heather Quick, Rebecca Bergey, Iliana Brodziak de los Reyes, and Maryan Carbuccia-Abbott	06/11/20 – 07/16/20	07/16/20	California	California early learning and care programs, including school-based, community-based, Head Start, and State Preschool programs, and family child care homes	×	

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<a href="#">Teaching Young Children during COVID-19: Lessons from Early Educators in Virginia</a> Daphna Bassok, Kennedy Weisner, Anna J. Markowitz & Todd Hall	October 2020	04/01/21	Virginia	Child care centers, Head Start, and school-based preschool	x	x
<a href="#">The Divergent Experiences of Early Educators in Schools and Child Care Centers during COVID-19: Findings from Virginia</a> Daphna Bassok, Molly Michie, Deiby Mayaris Cubides-Mateus, Justin B. Doromal, & Sarah Kiscaden	05/01/20 -05/31/20	09/01/20	Virginia	Publicly funded school-based and center based	x	x
<a href="#">The Growing Adverse Impacts of COVID-19 on Louisiana Child Care Providers</a> Libbie Sonnier-Netto, Heather Cope, RuthAnne Oakey-Frost, Rhea Lewis	06/15/20 -06/22/20	06/01/20	Louisiana	Any child care provider in Louisiana.	x	x
<a href="#">The Impact of COVID-19 on Louisiana Child Care Providers</a> Libbie Sonnier-Netto, Heather Cope, Teresa Falgoust, RuthAnne Oakey-Frost, Rhea Lewis	03/16/20 - 03/23/20	03/01/20	Louisiana	Type I, II, and III centers, Family Child Care, In-Home child care providers	x	x
<a href="#">The Impact of COVID-19 on Pennsylvania Child Care</a> Philip Sirinides	04/30/20 - 06/02/20	08/01/20	Pennsylvania	Child care centers, family child care homes, group child care homes	x	x
<a href="#">The North Carolina Pre-Kindergarten Program and Remote Learning Services During the COVID-19 Pandemic</a> Robert C. Carr	05/26/20 -06/15/20	07/01/20	North Carolina	Pre-K classrooms in elementary schools, Head Start programs, and private child care centers, both for-profit and non-profit	x	x
<a href="#">Understanding COVID-19-era enrollment drops among early-grade public school students</a> Daphna Bassok and Anna Shapiro	Fall 2019	02/01/21	Virginia	Public school based Pre-K and kindergarten	x	
<a href="#">Understanding Student Needs: Early Results from Fall Assessments</a> Curriculum Associates	08/1/20 - 9/9/20	10/01/20	Colorado, Florida, Indiana, Missouri, Mississippi, North Carolina, South Carolina, Tennessee, Georgia, Idaho, Texas, Utah	Schools	x	
<a href="#">Virginia's Family Day Homes in the Early Months of COVID-19: Lessons from Two Waves of the PDG B-5 Workforce Survey</a> Daphna Bassok, Kennedy Weisner, Justin B. Doromal & Molly Michie	May-20 - N/R	01/01/21	Virginia	Family daycare	x	x
<a href="#">Washington state child care industry assessment</a> Washington Department of Commerce Child Care Collaborative Task Force	04/08/20 - 04/22/20	06/01/20	Washington	Licensed child care centers (excluding Head Start and ECEAP), licensed family child care homes, and licensed school-age only programs		x
LOCAL-LEVEL STUDIES						
<a href="#">Boston's Child-Care Supply Crisis: What a Pandemic Reveals</a> Fernanda Q. Campbell, Ph.D, Pratima A. Patil, Ed.M., A.M., Kristin McSwain		11/01/20	Boston, Massachusetts	Family child care, center-based care		x
<a href="#">Changes in Early Educator Well-Being and Job Commitment in the Wake of the Coronavirus Pandemic: Lessons from Large-Scale Surveys in Jefferson and Rapides Parishes</a> Anna J. Markowitz, Daphna Bassok, & Sarah Kiscaden	10/19 -12/19 10/20 -12/20	03/01/21	Jefferson Parish and Rapides Parish (Louisiana)	Publicly funded child care and school-based Pre-K sites		x

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<u>Child Care in a Pandemic: What We Learned from Emergency Child Care Programs and How We Can Safely Reopen Our Early Education System</u> Mai Miksic and Kendra Hurley		06/01/20	New York City	Emergency Child Care programs (ECCs) located in CBOs and FCC	x	x
<u>Child Care Leaders' Experiences with COVID-19: First Findings from the Study of Early Education in Louisiana</u> Daphna Bassok, Anna J. Markowitz, Amy Smith, Sarah Kiscaden	04/20/20 - 05/29/20	06/01/20	Jefferson and Rapides parishes, Louisiana	Subsidized child care centers	x	x
<u>Child Care Staffing Challenges during the Pandemic: Lessons from Child Care Leaders in Louisiana</u> Daphna Bassok, Amy E. Smith, Anna J. Markowitz, & Justin B. Doromal	N/A	06/01/21	Local	Child care centers	x	x
<u>Child Care Teachers' Experiences with COVID-19: findings from the Study of Early Education in Louisiana</u> Anna J. Markowitz, Daphna Bassok, Amy Smith, Sarah Kiscaden	04/20/20 - 05/29/20	07/01/20	Jefferson and Rapides parishes, Louisiana	Publicly funded child care sites	x	x
<u>COVID-19 and Parent-Child Psychological Well-being</u> Anna Gassman-Pines, Elizabeth Oltmans Ananat, John Fitz-Henley, II.	3/23/20 - 4/26/20	04/26/20	"Large US city"	N/R	x	
<u>Effects of COVID-19 on Early Childhood Education Centers</u> Paola Guerrero Rosada, Christina Weiland, Anne Taylor, Louisa Penfold, Catherine Snow, Jason Sachs, Meghan McCormick	09/20 -12/20	03/01/21	Boston	Community Based Organizations	x	x
<u>Impact of Disruptions to Schooling and Childcare During the Pandemic</u> Elizabeth O. Ananat, Anna Gassman-Pines, John Fitz-Henley II and Jane Leer	March 2020	05/06/21	Philadelphia	Child care, Pre-K, 1-3rd graders	x	
<u>Parents, Teachers, and Distance Learning During the COVID-19 Pandemic: A Snapshot from Tulsa, OK</u> Tulsa SEED Study Team	05/15/20 – 07/15/20	08/01/20	Tulsa	First grade in Tulsa Public Schools and other districts with TPS-Pre-K graduates	x	x
<u>Present Danger: Solving the deepening student absenteeism crisis</u> Phyllis W. Jordan	N/R	05/25/21	Districts in the South, Southwest, and West	School districts	x	
<u>Teaching Young Children during COVID-19: Lessons from Early Educators in Louisiana</u> Daphna Bassok, Kennedy Weisner, Anna J. Markowitz, & Todd Hall	October 2020	04/01/21	Louisiana - Jefferson Parish, Orleans Parish, and Rapides Parish	Child care centers and school-based preschool	x	x
<u>The Impact of COVID-19 on Greater New Orleans Child Care Providers</u> Libbie Sonnier-Netto, Heather Cope, Teresa Falgoust, RuthAnne Oakey-Frost, Rhea Lewis	03/16/20 - 03/23/20	03/01/20	Greater New Orleans, Louisiana	Licensed child care centers and family child care providers	x	x
<u>The Wellbeing of Early Educators in Jefferson, Orleans, and Rapides Parishes during COVID: Findings from the Study of Early Education in Louisiana Fall 2020 Workforce Survey</u> Anna J. Markowitz, Daphna Bassok, & Sarah Kiscaden	10/20 -12/20	03/01/21	Jefferson Parish, Rapides Parish, and Orleans Parish (Louisiana)	Publicly funded child care and school-based sites		x
<u>Think Small Survey of Ramsey/Hennepin County Providers</u> Think Small	04/12/20 - 05/28/20	07/01/20	Ramsey and Hennepin counties, Minnesota	Licensed family child care and center-based programs		x