

# STATE OF THE CHILDREN: EARLY LEARNING AND CARE SOURCES

**November 2020**

The following information provides page-by-page citations for the data and research used to create the State of Children: Early Learning and Care reports.

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## PAGE ONE

No sources or data were used for page one of this report.

## PAGE TWO

Vision and Equity Statement data referring to kindergarten readiness comes from the Washington Kindergarten Inventory of Developing Skills Assessment provided by the Washington Office of Superintendent of Public Instruction State Report Card.

## PAGE THREE

Overall State of Young Children

- The Washington State Office of Financial Management Estimates of April 1 population by age, sex, race, and Hispanic origin. <https://www.ofm.wa.gov/washington-data-research/population-demographics/population-estimates/estimates-april-1-population-age-sex-race-and-hispanic-origin>
- United States Census Bureau, American Community Survey 5-Year Estimates - Age by Ratio of Income to Poverty Level in the Past 12 Months. <https://data.census.gov/cedsci/table?q=B17024&g=0400000US53.050000&tid=ACSDT5Y2018.B17024&hidePreview=true>
- Washington State Department of Children, Youth & Families, 2019-20 ECEAP and Headstart Saturation Study [https://www.dcyf.wa.gov/sites/default/files/pdf/eceap/ECEAP\\_HeadStart\\_Saturation\\_Study.pdf](https://www.dcyf.wa.gov/sites/default/files/pdf/eceap/ECEAP_HeadStart_Saturation_Study.pdf) and data provided by Child Care Aware of Washington .
- U.S. Department of Health & Human Services - Office of the Assistant Secretary for Planning and Evaluation, 2020 poverty guidelines. <https://aspe.hhs.gov/2020-poverty-guidelines>

## PAGE FOUR

Paragraph one and two, research on the economic benefits of investing in early childhood care and education come from:

- The Economics of Human Potential, Heckman, Retrieved from: <https://heckmanequation.org/resource/perry-preschool-midlife-toolkit/>
- Center for High Impact Philanthropy School of Social Policy & Practice the University of Pennsylvania, High Return on Investment, Retrieved from: <https://www.impact.upenn.edu/early-childhood-toolkit/why-invest/what-is-the-return-on-investment/>

Return on Investment

- American Community Survey 5-Year Estimates, Age Of Own Children Under 18 Years In Families And Subfamilies By Living Arrangements By Employment Status Of Parents. <https://data.census.gov/cedsci/table?q=B23008&g=0400000US53.050000&tid=ACSDT5Y2018.B23008&hidePreview=true>

Economic Impact on Employers:

Projections for Washington state employer incurred cost was collected from:

- The Mounting Costs of Child Care: Impacts of child care affordability and access to Washington's employers and economy, 2018, Retrieved from: [http://www.commerce.wa.gov/wp-content/uploads/2019/09/MountingCostsReport\\_FINAL.pdf](http://www.commerce.wa.gov/wp-content/uploads/2019/09/MountingCostsReport_FINAL.pdf)

Key Findings data comes from:

- Institute for Public Policy and Economic Analysis, Washington State Childcare Study: Analyzing the Costs Facing Businesses Due to Workforce Turnover and Missed Time Associated with Inadequate Childcare Option, by Brian Kennedy, M. S. D. and Patrick Jones, Ph. D., 2019. Retrieved from: [http://www.commerce.wa.gov/wp-content/uploads/2019/10/Childcare-in-Washington-EWU-Study\\_FINAL.pdf](http://www.commerce.wa.gov/wp-content/uploads/2019/10/Childcare-in-Washington-EWU-Study_FINAL.pdf)
- The Mounting Costs of Child Care: Impacts of child care affordability and access to Washington's employers and economy, 2018, Retrieved from: [http://www.commerce.wa.gov/wp-content/uploads/2019/09/MountingCostsReport\\_FINAL.pdf](http://www.commerce.wa.gov/wp-content/uploads/2019/09/MountingCostsReport_FINAL.pdf)

## PAGE FIVE

The Economic Impact on Families

Paragraph one

- Data for family median income was collected from the United States Census Bureau, American Community Survey 5-Year Estimates.
- Data on the typical cost of child care comes from Child Care Aware of Washington, 2019 data report. <https://childcareawarewa.org/wp-content/uploads/2020/04/2019-Data-Report.pdf>

Percent of Annual Income Spent on Child Care

- The Child Care Aware of Washington 2019 data report. <https://childcareawarewa.org/wp-content/uploads/2020/04/2019-Data-Report.pdf>
- The University of Washington - Self-Sufficiency Standard Tables <http://www.selfsufficiencystandard.org/Washington>
- The Child Care Subsidy Copay Calculation Table from the Department of Children, Youth, and Families (DCYF)
- U.S. Department of Health & Human Services - Office of the Assistant Secretary for Planning and Evaluation, 2020 poverty guidelines <https://aspe.hhs.gov/2020-poverty-guidelines>

Economic Impact for Child Care Programs as Small Businesses

Paragraph one:

- Information about Working Connections Child Care subsidy program was provided directly by the Department of Children, Youth, and Families (DCYF)

Working Connections Reimbursement Rate vs. Price of Quality Care Visual

- Child Care Aware of Washington 2019 data report <https://childcareawarewa.org/wp-content/uploads/2020/04/2019-Data-Report.pdf>
- Cost of Quality care based on current average monthly rate of Washington State's early childhood education and assistance program, <https://www.dcyf.wa.gov/services/early-learning-providers/eceap/community-funded-eceap/funding#:~:text=Dollars%20Needed%20for%20a%20Child's,hours%20per%20day%20%E2%80%93%20%248%2C237%2Fyear>

## PAGE SIX

Early Learning Workforce

Paragraph one:

- Data and information provided were collected from the Employment Security Department, 2019 All Occupational Projections (separations). <https://esd.wa.gov/labormarketinfo/projections>
- 83% are female: Center for Economic and Policy Research, <https://cepr.net/a-basic-demographic-profile-of-workers-in-frontline-industries/>

Average Hourly Wage Visual

- Average hourly wage data was collected from the Employment Security Department, Occupational Employment Statistics. <https://esd.wa.gov/labormarketinfo/occupations>
- Income requirements for Medicaid were collected from Washington State Health Care Authorities eligibility requirements for Washington Apple Health for individual adults, Retrieved from: <https://www.hca.wa.gov/health-care-services-supports/apple-health-medicaid-coverage/individual-adults>
- Information regarding WIC requirements and eligibility was collected from Families served by Women Infants & Children (WIC) supplemental nutrition information. <https://www.fns.usda.gov/wic/wic-eligibility-requirements>

Growing the Workforce

Additional educators needed to meet the regional need

- Child Care Aware of Washington 2019 data report. <https://childcareawarewa.org/wp-content/uploads/2020/04/2019-Data-Report.pdf>

- Department of Children Youth and Families educator to child ratios:  
<https://app.leg.wa.gov/wac/default.aspx?cite=110-300-0356&pdf=true>
- American Community Survey, Age Of Own Children Under 18 Years In Families And Subfamilies By Living Arrangements By Employment Status Of Parents
- <https://data.census.gov/cedsci/table?q=B23008&g=0400000US53,53.050000&tid=ACSDT5Y2018.B23008&hidePreview=true>

## PAGE SEVEN

### COVID-19 Impact

#### Key Findings:

- Data on temporary child care closures provided directly to Washington STEM via data sharing agreement with Department of Children, Youth and Families.
- Paycheck Protection Loan information comes from US Small Business Administration Paycheck Protection Program Loan Data: <https://www.sba.gov/funding-programs/loans/coronavirus-relief-options/paycheck-protection-program>

#### Temporary Child Care Capacity Lost

- Data provided directly to Washington STEM via data sharing agreement with Department of Children, Youth and Families.

## PAGE EIGHT

#### Paragraph one research on child brain development:

- First Things First, Why Childhood Matters, Brain Development, accessed 2020, retrieved from:  
<https://www.firstthingsfirst.org/early-childhood-matters/brain-development/>
- Center on the Developing Child, Harvard University, Lifelong Health, accessed 2020, Retrieved from:  
<https://developingchild.harvard.edu/science/deep-dives/lifelong-health/#health-graphic-longdesc>

#### Licensed Early Care: Access

- American Community Survey, Age Of Own Children Under 18 Years In Families And Subfamilies By Living Arrangements By Employment Status Of Parents.  
<https://data.census.gov/cedsci/table?q=B23008&g=0400000US53,53.050000&tid=ACSDT5Y2018.B23008&hidePreview=true>
- Child Care Aware of Washington 2019 report. <https://childcareawarewa.org/wp-content/uploads/2020/04/2019-Data-Report.pdf>

#### Children with all Caregivers in the Workforce vs Child Care Capacity

- American Community Survey, Age Of Own Children Under 18 Years In Families And Subfamilies By Living Arrangements By Employment Status Of Parents.  
<https://data.census.gov/cedsci/table?q=B23008&g=0400000US53,53.050000&tid=ACSDT5Y2018.B23008&hidePreview=true>
- Child Care Aware of Washington 2019 report. <https://childcareawarewa.org/wp-content/uploads/2020/04/2019-Data-Report.pdf>

#### Child Care Capacity Available by Age

- American Community Survey, Age Of Own Children Under 18 Years In Families And Subfamilies By Living Arrangements By Employment Status Of Parents.  
<https://data.census.gov/cedsci/table?q=B23008&g=0400000US53,53.050000&tid=ACSDT5Y2018.B23008&hidePreview=true>
- Data provided directly to Washington STEM via data sharing agreement with Department of Children, Youth and Families.

#### Age Group as a Percent of Child Care Capacity

- American Community Survey, Age Of Own Children Under 18 Years In Families And Subfamilies By Living Arrangements By Employment Status Of Parents.  
<https://data.census.gov/cedsci/table?q=B23008&g=0400000US53,53.050000&tid=ACSDT5Y2018.B23008&hidePreview=true>
- Data provided directly to Washington STEM via data sharing agreement with Department of Children, Youth and Families.

## PAGE NINE

### Licensed Early Care: Affordability

#### Paragraph One

- The percent of income spent on child care for families with median income and two children and the percent of income paid to child care by families of color in Southwest Washington compared to white families comes from:
  - American Community Survey 5-year estimates, Median Family Income in the past 12 months.  
<https://data.census.gov/cedsci/table?q=B19113&t=Income%20%28Households,%20Families,%20Individuals%29&g=0400000US53.050000&tid=ACSDT1Y2018.B19113&moe=false&tp=true&hidePreview=false>
  - Child Care Aware Data Report 2019. <https://childcareawarewa.org/wp-content/uploads/2020/04/2019-Data-Report.pdf>
- The State of Washington, Department of Commerce, Washington State Child Care Industry Assessment, 2019, retrieved from: <https://www.commerce.wa.gov/wp-content/uploads/2020/08/Child-Care-Collaborative-Task-Force-Industry-Assessment-Report.pdf>

#### Price by Age Group

- Child Care Aware of Washington 2019 data report. <https://childcareawarewa.org/wp-content/uploads/2020/04/2019-Data-Report.pdf>
- The cost of tuition comes Clark College Full-time in-state rates for the 2019-2020.  
<http://www.clark.edu/enroll/registration/tuition-fees/index.php>

### Licensed Early Care: Quality

#### Regional Access to Quality Care by Age

- Data provided directly to Washington STEM via data sharing agreement with Department of Children, Youth and Families.
- American Community Survey 5-Year Estimates, Age Of Own Children Under 18 Years In Families And Subfamilies By Living Arrangements By Employment Status Of Parents.  
<https://data.census.gov/cedsci/table?q=B23008&g=0400000US53.53.050000&tid=ACSDT5Y2018.B23008&hidePreview=true>

## PAGE TEN

### Children Eligible vs ECEAP & Head Start Slots Available

- DCYF 2019-2020 ECEAP and Head Start Saturation report [https://www.dcyf.wa.gov/sites/default/files/pdf/eceap/ECEAP\\_HeadStart\\_Saturation\\_Study.pdf](https://www.dcyf.wa.gov/sites/default/files/pdf/eceap/ECEAP_HeadStart_Saturation_Study.pdf)

#### COVID-19 Impact

- Data provided by Child Care Aware - ESD 112.
- Child Care Aware of Washington 2019 data report. <https://childcareawarewa.org/wp-content/uploads/2020/04/2019-Data-Report.pdf>

## PAGE ELEVEN

### Help Me Grow

- Program information, program map, and program usage data supplied by Within Reach, <https://withinreachwa.org/>

### Additional Resources for Families -- Paid Family Leave

- Paid Family Leave Bonding usage data provided directly to Washington STEM from the Washington State Employment Security Department.

## PAGE TWELVE

No sources or data were used for page twelve of this report.