

Office of Child Development and Early Learning

Early Learning Data References

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF EDUCATION
DEPARTMENT OF HUMAN SERVICES

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EARLY LEARNING DATA REFERENCES

Publicly available data can inform, engage and create opportunities for children and families throughout the commonwealth. Data can be used to identify priorities for investments, as well as assist in evaluating the effectiveness of early learning policies. Data can broaden an understanding of early learning programs at local, state and national levels, and help make changes to impact the lives of children and their families. The Pennsylvania Office of Child Development and Early Learning (OCDEL) is committed to ensuring parents, providers, advocates, researchers, school districts, policymakers and communities throughout the commonwealth are aware of data which reflects the impact and available supports around early learning. For a resource to be included in the table, all the following conditions must be met:

- There are no access restrictions or purchase requirements for a user to view a resource. Data elements must be readily accessible or provided to a user within a set time period.
- Organizations providing a resource cannot be involved in federal or state lobbying activities.
- Data may not be manipulated to promote specific policies or recommendations.
- Data elements may not be evaluated and compared to arbitrarily defined standards or rating scales.

The following information provide links and descriptions of the types of data which can be found within each resource.

Disclaimer: References to a product, source, data set or organization does not constitute or imply an endorsement by the Office of Child Development and Early Learning (OCDEL). The views and opinions expressed by the referenced organizations do not necessarily state or reflect those of OCDEL, the Pennsylvania Department of Education or the Pennsylvania Department of Human Services. Information and data found by utilizing the hypertext links and internet web addresses may be maintained by other public and private organizations and are provided for the users' convenience. OCDEL does not control or guarantee the accuracy, relevance, timeliness, or completeness of these resources. For OCDEL data that is publicly available, users are required to provide an appropriate citation in all publications.

Resource	Data Reported	Examples of Information Available
Administration for Children and Families (ACF), Office of Child Care (OCC) / https://bit.ly/2raRqCr		
Resource Library / Data Sets	Child Care Development Fund (CCDF) Allocations/Expenditures by State Child/Family/Provider Data by State <ul style="list-style-type: none"> • Children and families served • Children served by payment method • Children served by type of care • Children served regulated/ unregulated providers • Children served by age group • Children served by race / ethnicity • Family co-pay as a percent of income • Providers receiving CCDF funds CCDF State Program Implementation	Administration of the child care subsidy program in Pennsylvania as compared to other states. Federal funding provided to Pennsylvania to implement the child care subsidy program as compared to other states. The number of group homes in Pennsylvania receiving subsidized child care payments. The number of children in Pennsylvania being served in unregulated settings as compared to children in other states. Compare subsidized child care policies across different states.
Administration for Children and Families (ACF), Office of Planning, Research and Evaluation (OPRE) / https://bit.ly/2QxEWU5		
Resource Library	Child Care Head Start / Early Head Start Home Visiting	Recent and archived research reports on the impact of Head Start in high-poverty communities. Findings of the impact of the Mother and Infant Home Visiting Program (MIECHV). Literature review on child self-regulation.
Child Care and Other Early Learning Programs (COMPASS) / https://bit.ly/2eUhm4k		
Searchable Database	Provider Characteristics <ul style="list-style-type: none"> • Early learning provider type • Address & contact information • Hours of operation/schedule • Keystone STAR level • Financial programs accepted • Daily costs charged per child • Transportation Quality Assurance <ul style="list-style-type: none"> • State inspection results 	Number of early learning providers in a specific zip code. Higher-quality early learning providers in a county. Providers offering non-traditional hours. Providers offering scholarships or accept subsidized child care. Providers in compliance with Pennsylvania regulations. Negative sanctions issued for a child care provider. Head Start providers located within a geographic area. Home visiting programs located within a geographic area.

Resource	Data Reported	Examples of Information Available
	<p><i>(Child Care and Other Early Programs (continued))</i></p> <ul style="list-style-type: none"> • Verified complaints w/ plan of correction • Accreditations • Negative sanctions <p>Waivers of regulations</p>	
<p>Child Care Provider List / https://bit.ly/2P63v5H</p>		
<p>State Generated Report</p>	<p>Provider Characteristics</p> <ul style="list-style-type: none"> • Child care provider type • Address & contact information • Certification ID and type • Licensed Capacity 	<p>Total number of child care providers located in a county. Name and location of regulated child care providers in a county. Demographic details of regulated child care providers.</p>
<p>Federal Head Start – Data & Ongoing Monitoring / https://bit.ly/2E7uNrc</p>		
<p>Resource Library</p>	<p>Head Start / Early Head Start</p>	<p>Why quality data is important to Head Start programs. How to use data at a Head Start program to support family progress. How to utilize Head Start data for self-assessment and continuous improvement. How to create a culture that embraces data collection in Head Start.</p>
<p>Kids COUNT Data Center / https://bit.ly/2DNS4O1</p>		
<p>Data Sets</p>	<p>State Demographics Child Care Works (CCW)</p> <ul style="list-style-type: none"> • Eligibility/enrollment of children <5 • Monthly average enrolled by age group/provider type • Children enrolled receiving care in a Keystone STAR 3 or 4 program <p>High-quality, Publicly Funded Pre-K</p> <ul style="list-style-type: none"> • Children enrolled by program • Eligible unserved children 	<p>Percentage of children in CCW enrolled in a high-quality program. Percentage of eligible at-risk children not provided the opportunity to attend a high-quality pre-k classroom. Percentage of family child care homes considered high-quality. Children ages 0-5 with parents in the workforce. Pennsylvania children enrolled in full-day and part-day pre-k. Public school enrollment fluctuation in Pennsylvania. Number of children in Pennsylvania cared for by their grandparents. Children in single-parent households. Percentage of mothers who gave birth in Pennsylvania who did not receive early prenatal care.</p>

Resource	Data Reported	Examples of Information Available
	<p><i>Kids Count Data Center (continued)</i></p> <ul style="list-style-type: none"> • Children served by federal/state Head Start <p>Regulated Child Care</p> <ul style="list-style-type: none"> • Child care capacity meeting high-quality standards • Provider type and Keystone STAR participation <p>Early Intervention (EI)</p> <ul style="list-style-type: none"> • Children receiving EI services <p>Regulated Child Care</p> <ul style="list-style-type: none"> • Total providers by Keystone STAR level • Provider type by Keystone STAR level <p>Birth Outcomes</p> <ul style="list-style-type: none"> • Prenatal care • Low birth weight • Tobacco use • Medicaid births • Young mothers/fathers • Teen births <p>Child Demographics</p>	<p>Low birth weight statistics in Pennsylvania.</p>
<p>Maternal, Infant and Early Childhood Home Visiting Program (MIECHV) - Federal Report Statistics / https://bit.ly/2Awrk1b</p>		
<p>Data Sets</p>	<p>Performance Measures</p> <ul style="list-style-type: none"> • Infants born preterm • Breastfeeding • Maternal depression screening • Postpartum care • Maternal tobacco use • Safe sleep practices • Injury related visits/maltreatment • Parent child interaction • Early language and literature • Developmental screenings 	<p>Number of families accessing home visiting services last year. Home visiting data on the prevention of negative child experiences. New household and child enrollment in home visiting last year. Home visiting service impact on helping parents understand the importance of health insurance for children. Military family access to home visiting services in Pennsylvania. Households below 50 percent of the Federal Poverty Income Guidelines (FPIG) served by home visiting programs. Total home visits completed across the four evidence-based models.</p>

Resource	Data Reported	Examples of Information Available
	<p><i>MIECHV – Federal Report Statistics (continued)</i></p> <ul style="list-style-type: none"> • Behavioral concerns • Parental education attainment • Continuity of insurance coverage • Referral process <p>Program Demographics</p> <ul style="list-style-type: none"> • Caregiver sex/age • Households served • Children served • Ethnicity/race • Marital status <p>Education Attainment/Employment</p>	
<p>Open Data PA (Schools that Teach, Early Education) / https://bit.ly/2Q6Yi2Y</p>		
<p>Data Sets</p>	<p>Pre-K Counts (PKC)/ Head Start Supplemental Assistance Program (HSSAP) Funded Slots</p> <ul style="list-style-type: none"> • Grant type/fiscal year • Lead agency/partner • Provider type • Provider address and county • Full-day funded slots (PKC) • Half-day funded slots (PKC) • Total funded slots <p>Child Care Provider Listing Current Human Services</p> <ul style="list-style-type: none"> • MPI ID • MPI location ID • Type • Address and contact information • Certification license number • Certification license issue/expiration dates • Licensed capacity 	<p>The number of child providers awarded PKC slots. Counties awarded the most HSSAP slots. Percentage of PKC and HSSAP slots awarded to child care providers. Prior year grantees that did not receive slots for the new grant period.</p> <p>The change in total PKC slots year to year. The number of child care centers in a county. The address of child care providers. If a facility received a negative sanction. The STAR level of providers.</p>

Resource	Data Reported	Examples of Information Available
	<p><i>Open Data PA (continued)</i></p> <ul style="list-style-type: none"> • ELRC region • STAR level and effective date • PKC/HSSAP provider designation • Negative sanctions (Y/N) • School age provider designation <p>Family Support Programs Current Quarterly County Human Services</p> <ul style="list-style-type: none"> • Grant type by provider • Provider location name • Provider model • Provider address • Provider Georeferenced Latitude/Longitude • Total funded family slots by provider • Yearly goal number of families served by provider • Cumulative families served by provider • Cumulative children served by provider 	<p>Number of home visiting provider within a geographic area. Preferred home visiting model types by region. Number of children served within a geographic area. Number of families served within a geographic area. Grant/funding source for a provider.</p>
<p>PA Early Childhood Mental Health (ECMH) Consultation: External Evaluation Reports / https://bit.ly/2DSyAYD</p>		
<p>Reports</p>	<p>ECMH Capacity</p> <ul style="list-style-type: none"> • Consultations per region • Caseload per consultant • Frequency and value of activities • Time spent with different consultees • Average consultant time per case • Waitlist <p>Demographic Data</p> <ul style="list-style-type: none"> • Reason for consultation request • Reason consultation was not delivered • Social-emotional development • Age of child 	<p>The most common reason providers are requesting ECMH consultations for a child. The relation of ECMH consultations to child expulsion rates. ECMH consultations by Keystone STAR level. ECMH services demographics. Percentage of ECMH consultations resulting in a positive outcome. Common referrals that result from ECMH consultations.</p>

Resource	Data Reported	Examples of Information Available
	<p><i>PA ECMH Consultation (continued)</i></p> <ul style="list-style-type: none"> • Expulsion risk • Individual Education Programs (IEP)/Individual Family Service Plans (IFSP) among consultation requests • Consultation request by Keystone STAR level <p>Child/Teacher/Family Outcomes</p> <ul style="list-style-type: none"> • Case outcomes • Referrals for community-based services • Change in child behavioral concerns • Change in teacher stress level 	
<p>PA Early Learning Dashboards / https://bit.ly/2scGbxz</p>		
<p>Dashboard</p>	<p>Early Intervention (EI) Services</p> <ul style="list-style-type: none"> • Children served • Children served vs birth cohort • Results of children referred to EI • EI provider name • EI provider location <p>Family Support Programs</p> <ul style="list-style-type: none"> • Programs capacity • Program type • Model type • Number of families served • Number of children served <p>High-quality Pre-kindergarten (Pre-K)</p> <ul style="list-style-type: none"> • Funded slots • Children served, by STAR level • Provider details - Keystone STAR level (aggregate) <p>Subsidized Child Care – Child Care Works (CCW)</p> <ul style="list-style-type: none"> • Children served, by age range and STAR level • Child care programs participating in CCW 	<p>Number of children in Pennsylvania receive EI services.</p> <p>Number of children receiving EI services from each EI program.</p> <p>Areas of Pennsylvania the highest concentration of children receiving EI services.</p> <p>Percentage of children deemed ineligible for EI services in each Pennsylvania county.</p> <p>Number of family support programs by county.</p> <p>Number of families and children receiving family support programs.</p> <p>Family support models operating within a county.</p> <p>Number of at-risk children benefiting from publicly funded, high-quality pre-k.</p> <p>Legislative districts with the most at-risk children served through publicly funded, high-quality pre-k.</p> <p>School districts with the largest number of at-risk children served in publicly funded, high-quality pre-k.</p> <p>Number of high-quality providers within a geographic area.</p> <p>Number of children served in CCW.</p> <p>Percent of CCW children served in high-quality settings. Number of child care programs participating in CCW within a county.</p>

Resource	Data Reported	Examples of Information Available
	<p><i>PA Early Learning Dashboards (continued)</i></p> <p>Provider Location Density</p> <ul style="list-style-type: none"> • Provider type • STAR level 	
<p>Pennsylvania Department of Health (DOH) – Health Statistics / https://bit.ly/2P8qVHx</p>		
Data Sets/Reports	<p>Birth Statistics</p> <p>Maternal and Child Statistics</p>	<p>Birth rate fluctuation in Pennsylvania in the last five years.</p> <p>Number of mothers who smoked during the first trimester and gave birth.</p>
<p>Pennsylvania Department of Human Services (DHS) – Monthly Data Report / https://bit.ly/2uFOXHf</p>		
Reports	<p>Subsidized Child Care – Child Care Works (CCW)</p> <ul style="list-style-type: none"> • Number of children served by subsidy type • Subsidy type encumbrance level • Number of children on the low income wait list • Percentage of regulated child care usage by subsidy type • Percentage of children receiving subsidized child care in regulated vs unregulated settings • Percent of CCW children in STAR 3 or 4 providers • Percent of STARS Providers at STAR 3 or STAR 4 <p>Early Intervention (EI) – Birth to 3</p> <ul style="list-style-type: none"> • Enrollment (1-day count) • Enrollment (unduplicated total) • Waivers (monthly average) • Percentage of children meeting EI goals prior to 3rd birthday 	<p>Historical trend of children accessing care in high-quality settings.</p> <p>Historical trend of children receiving care in regulated settings.</p> <p>State-wide low income wait-list child count.</p> <p>Percentage of providers meeting high-quality standards.</p> <p>Birth – 3 EI Enrollment trends.</p> <p>Birth – 3 EI Waiver trends.</p> <p>Portion of children entering preschool that have met their EI goals.</p>
<p>The Pennsylvania Key / https://bit.ly/2LmJtp4</p>		
Reports	<p>The Cost of Child Care in Pennsylvania (2020)</p> <ul style="list-style-type: none"> • Distribution of weekly per-child costs • Median shares of total cost by resource category • County difference in cost of child care 	<p>The median cost of child care in Pennsylvania and the low to high range.</p> <p>Percent of total child care costs attributed to personnel, facilities,</p>

Resource	Data Reported	Examples of Information Available
	<p><i>The Pennsylvania Key (continued)</i></p> <ul style="list-style-type: none"> • Weekly per-child cost by provider type • Weekly per-child cost by Keystone STAR level • Weekly per-child cost by locale 	<p>food, and other cost categories</p> <p>Comparing the cost of child care between Adams and Cumberland Counties.</p>
<p>Pennsylvania System of School Assessment (PSSA) Grade 3 Annual Results / https://bit.ly/2TdZhOW_</p>		
<p>Data Sets</p>	<p>English Language Arts</p> <ul style="list-style-type: none"> • Assessments scored (Grades 3-8) • Proficiency percentages - all (Grades 3-8) • Proficiency percentages - underperforming subgroup (Grades 3-8) <p>Math</p> <ul style="list-style-type: none"> • Assessments scored (Grades 3-8) • Proficiency percentages - all (Grades 3-8) • Proficiency percentages – underperforming subgroup (Grades 3-8) <p>Science</p> <ul style="list-style-type: none"> • Assessments scored (Grades 4,8) • Proficiency percentages - all (Grades 4,8) • Proficiency percentages – underperforming subgroup (Grades 4,8) 	<p>Elementary school performance in meeting the state’s rigorous academic standards.</p> <p>Student performance in a school district compared to other students throughout the state.</p> <p>Academic performance of students attending charter and cyber-charter schools compare those in traditional public school settings.</p>
<p>Special Education Data Reporting / https://bit.ly/2P9fE9Q</p>		
<p>State Generated Report</p>	<p>EI Provider Family/Child Interaction</p> <ul style="list-style-type: none"> • Children evaluated and/or served in a timely manner • Parental satisfaction • Children in an inclusive environment • Transition planning <p>Provider Demographics</p> <ul style="list-style-type: none"> • EI children by disability type • EI children by ethnicity <p>Provider Child Outcomes</p>	<p>EI program performance in meeting and/or exceeding the goals established by Pennsylvania.</p> <p>EI programs providing positive results for children at a rate comparable to other EI programs.</p> <p>Percentage of children receiving timely transition planning to preschool and other services.</p> <p>Percentage of the children in an EI program diagnosed with a developmental delay.</p> <p>Percentage of the total EI population in Pennsylvania in a specific EI</p>

Resource	Data Reported	Examples of Information Available
	<ul style="list-style-type: none"> • Positive social-emotional skills <i>Special Education Data Reporting (continued)</i> <ul style="list-style-type: none"> • Acquisition/use of knowledge • Use of appropriate behavior 	program.
United States Census Bureau / https://bit.ly/1F4oj1l		
Data Sets	Population by State <ul style="list-style-type: none"> • By age group • Single year of age • Race and ethnicity Poverty Level by State Federal Poverty Income Guidelines (FPIG)	Number of at-risk preschoolers in Pennsylvania eligible for publicly funded, high-quality pre-k. Number of children in Pennsylvania five years of age or younger. Number of Pennsylvania children in families at or below 300% FPIG. Number of minority children living in low-income families.
2020 Family Supports Needs Assessment (FSNA) Report / https://bit.ly/3qNuc2X		
Reports	Maternal & Child Health Indicators <ul style="list-style-type: none"> • Percent of births to mothers who did not initiate prenatal care in the first trimester • Percent of living birth <37 gestational weeks • Percent of live births <2,500 grams at birth • Percent of live births admitted to NICU • Percent of newborns who were not breastfed at hospital discharge • Infant deaths per 1,000 live births • Deaths of children under 5 years old per 1,000 residents • Rate of diagnosed depression among pregnant Medicaid-enrolled women • Median number of well-child visits among Medicaid-enrolled children <1 years old • Median number of well-child visits among Medicaid-enrolled children 1 to 5 years old • Ratio of low birth weight rate in infants born to Black mothers to infants born to White mothers 	Counties with an elevated need for maternal and child health services.

Resource	Data Reported	Examples of Information Available
	<p>2020 FSNA Report (continued)</p> <p>Substance Abuse Indicators</p> <ul style="list-style-type: none"> • Prevalence of mothers receiving two or more opioid prescriptions – Medicaid mothers • Rate of neonatal abstinence syndrome per 1,000 newborn hospital stays • Rate of substance use disorder among Medicaid mothers in the last three years • Prevalence rate of alcohol use disorder among individuals ages 12 years and older • Prevalence rate of marijuana use in the past month among individuals ages 12 years and older • Prevalence rate of cocaine use in the past year among individuals 12 years and older • Prevalence rate of heroin use in the past year among individuals 12 years and older • Rate of births to mothers who used tobacco during pregnancy per 100 live births <p>Socioeconomic Status Indicators</p> <ul style="list-style-type: none"> • Percent of children under age 5 living in poverty • Percent of 16-19 year olds not enrolled in school and with no high school diploma • Number of births per 1,000 females ages 15-19 • Percent of births to mothers whose educational attainment is below high school • Percent of households with children under 18 who have received public benefits • Per capita dollar amount of WIC redemptions • Percent of children who live in food-insecure households <p>Child Safety & Maltreatment</p>	<p>Counties with an elevated need for services to address substance abuse.</p> <p>Counties with an elevated risk of socioeconomic conditions.</p>

Resource	Data Reported	Examples of Information Available
	<p><i>2020 FSNA Report (continued)</i></p> <ul style="list-style-type: none"> • Number of substantiated child maltreatment victims under 18 years old • Number of substantiated child abuse and neglect victims per 1,000 children ages 0-4 • Rate of diagnosed abuse among Medicaid pregnant women • Number of children with non-superficial injuries during the first year of life per 1,000 Medicaid children • Number of children with non-superficial injuries during the first 5 years of life per 1,000 Medicaid children • Percent of children under age 18 receiving child welfare in-home services <p>Community Environment</p> <ul style="list-style-type: none"> • Number of pediatric dentists per 1,000 children under 18 years old • Number of crime arrests per 100,000 juveniles ages 0-17 • Percent of children with elevated blood-lead levels <p>Child Care</p> <ul style="list-style-type: none"> • Number of regulated child care providers per 100 children residents under 3 years old • Percent of regulated child care providers meeting high-quality standards (Keystone STAR 3-4) • Percent of children ages 0-5 eligible for Child Care Works (CCW) who were served • Percent of children ages 3-4 below 300% federal poverty guidelines with access to publicly funded, high-quality pre-k 	<p>Counties experiencing an elevated need for services to address child safety and maltreatment.</p> <p>Counties with an elevated need for community services.</p> <p>Counties with an elevated need and high unserved population for early learning services.</p>

Resource	Data Reported	Examples of Information Available
	<p><i>2020 FSNA Report (continued)</i></p> <ul style="list-style-type: none"> • Percent of children 0-5 receiving CCW in Keystone STAR 3-4 facilities • Number of children served by Pre-K Counts • Number of children served by Head Start Supplemental Assistance Program <p>Sub-County Analysis</p> <ul style="list-style-type: none"> • Allegheny • Blair • Bucks • Carbon • Centre • Chester • Delaware • Fayette • Monroe • Montgomery • Northumberland • Philadelphia 	<p>Zip code analysis of 12 specific indicators including, but not limited to, child poverty rate, welfare recipient rate, and prenatal outcomes.</p>

Organizations and professional associations also produce various policy reports, data sets and mapping applications that may relate to early learning. These organizations represent a diverse set of constituencies across the commonwealth and the country.

[The Arc of Pennsylvania](#)

[Center for Schools and Communities](#)

[Child Care Aware](#)

[Early Intervention Technical Assistance \(EITA\)](#)

[Fight Crime: Invest in Kids](#)

[First Up: Champions for Early Education](#)

[Mission: Readiness](#)

[National Institute for Early Education Research \(NIEER\)](#)

[Pennsylvania Association for the Education of Young Children \(PennAEYC\)](#)

[Pennsylvania Association of Intermediate Units \(PAIU\)](#)

[Pennsylvania Association of Rural and Small Schools \(PARSS\)](#)

[Pennsylvania Association of School Administrators \(PASA\)](#)

[Pennsylvania Association of School Business Officials \(PASBO\)](#)

[Pennsylvania Child Care Association \(PACCA\)](#)

[Pennsylvania Early Learning Investment Commission \(ELIC\)](#)

[Pennsylvania Head Start Association \(PHSA\)](#)

[Pennsylvania Head Start Collaboration Office \(HSSCO\)](#)

[Pennsylvania Parents as Teachers \(PAT\)](#)

[Pennsylvania Partnerships for Children \(PPC\)](#)

[Pennsylvania Principals Association](#)

[Pennsylvania School Boards Association \(PSBA\)](#)

[Pennsylvania State Education Association \(PSEA\)](#)

[Public Citizens for Children and Youth](#)

[Reinvestment Fund](#)

[Trying Together](#)

[United Way of Pennsylvania](#)