



First 2000 Days Guide to Source Materials

Topic	Statistic	Link to Source
National Security	Military leaders are making early childhood a priority, and senior retired officials have formed a national organization.	http://www.missionreadiness.org/
	70% of Americans age 17-24 cannot meet the military's eligibility requirements.	http://cdn.missionreadiness.org/MR-Ready-Willing-Unable.pdf (Recently Updated from 75% to 70%)
	In Wisconsin, 19% of high school graduates score too low on the Armed Forces Qualification Test to join the Army.	http://edtrust.org/wp-content/uploads/2013/10/ASVAB_4.pdf
Crime Prevention	Law enforcement professionals are speaking up about early childhood issues and have formed a national organization.	http://www.fightcrime.org
	At risk children that didn't attend quality prekindergarten were 5 times more likely to become chronic criminal offenders by age 27.	https://strongnation.s3.amazonaws.com/documents/33/d5f9da0d-6389-42a5-a67e-548c9ae7ad3d.pdf?1469728763&inline;%20filename=%22!m%20the%20Guy_NATIONAL.pdf%22
State Budget	In FY 2017, Wisconsin's Department of Corrections was appropriated over \$1.2 billion.	http://www.doa.state.wi.us/Documents/DEBF/Budget/Biennial%20Budget/2015-17%20Executive%20Budget/2015-17_Executive_Budget.pdf
Economic Well-Being	The US Chamber of Commerce's Center for Education and Workforce advocates for greater early childhood investments.	https://www.uschamberfoundation.org/about-icw
	The US Chamber of Commerce says investments in early learning deeply impact the success of the American workforce.	https://www.uschamberfoundation.org/publication/ready-set-go-why-business-should-support-early-childhood-education
	80-90 million adults do not have the basic education and communication skills to acquire or advance in jobs.	http://files.eric.ed.gov/fulltext/ED511933.pdf
	The Chinese government has made early childhood development a national priority.	http://www.brookings.edu/blogs/up-front/posts/2012/06/29-china-childhood-dev-van-der-gaag
	Employers have concerns about the workforce and employees' abilities to communicate and collaborate effectively and to think critically and creatively.	http://www.p21.org/storage/documents/FINAL_REPORT_PDF09-29-06.pdf http://www.amanet.org/images/Critical-Skills-Survey-2011.pdf

Soft Skills	A survey of business leaders found employers view "soft skills" as even more important to work readiness than traditional skills.	http://www.p21.org/storage/documents/FINAL_REPORT_PDF09-29-06.pdf
Brain Development	The brain is one of the only organs not fully developed at birth; cells are formed, but connections happen in early childhood.	http://developingchild.harvard.edu/resources/reports_and_working_papers/science_of_early_childhood_development/
	Early experiences determine how the brain is wired (graph).	http://developingchild.harvard.edu/index.php/resources/briefs/inbrief_series/inbrief_the_science_of_ecd/
	Core concepts of brain architecture.	http://developingchild.harvard.edu/resources/multimedia/videos/three_core_concepts/brain_architecture/
Programs That Work	There are several rigorous longitudinal studies that have looked at the long-term outcomes of participants in early childhood learning programs and found benefits to society.	http://www.gregorycamilli.info/papers/early_education_interventions.pdf https://www.minneapolisfed.org/~media/files/publications/studies/earlychild/lessonslearned.pdf?la=en https://highscope.org/perrypreschoolstudy https://heckmanequation.org/assets/2013/07/F_HeckmanDeficitPieceCUSTOM-Generic_052714-3-1.pdf https://heckmanequation.org/assets/2017/01/F_Heckman_CBAOnePager_120516.pdf
	Children that participated in high-quality early learning programs with health screenings and nutrition had better adult health.	http://heckmanequation.org/content/resource/research-summary-abecedarian-health
	Home visiting programs reduce health care costs, improve school readiness and success, and reduce the need for remedial education. In the Governor's recommended budget for the 2017-2019 biennium, an additional \$3.9 million of TANF funding was allotted to Wisconsin's home visiting program.	https://www.nga.org/files/live/sites/NGA/files/pdf/1103HOMEVISIT.PDF http://www.pewtrusts.org/en/projects/home-visiting-campaign http://doa.wi.gov/Documents/DEBF/Budget/BiennialBudget/2017-19_ExecutiveBudget/17-19_BIB_FINAL_revised_02082017.pdf
	Duke University research, based in North Carolina, found that third graders had higher reading and math scores and lower special education placements in counties that received more funding for early education programs when those children were younger.	http://news.sanford.duke.edu/news-type/news/2011/new-study-investments-smart-start-and-more-four-generate-broad-education-benefit http://onlinelibrary.wiley.com/doi/10.1002/pam.21734/epdf?r3_referer=wol&tracking_action=preview_click&show_checkout=1&purchase_referrer=dfs.duke.edu&purchase_site_license=LICENSE_DENIED_NO_CUSTOM

Economic Value	Economist, Dr. Heckman, found that government dollars invested in early education have the greatest return on investment.	https://heckmanequation.org/assets/2013/07/F_HeckmanDeficitPieceCUSTOM-Generic_052714-3-1.pdf https://heckmanequation.org/assets/2014/05/F_Heckman_Brochure_041515.pdf
	For every dollar spent in early education (preschool programs), the rate of return is 7-10%.	https://heckmanequation.org/assets/2013/07/F_HeckmanDeficitPieceCUSTOM-Generic_052714-3-1.pdf
	Additionally, Dr. Heckman's newest research shows up to a 13% return on investment for every dollar invested in high-quality birth-to-five early childhood education for disadvantaged children, even higher than the 7-10% delivered by preschool alone.	https://heckmanequation.org/assets/2013/07/F_HeckmanDeficitPieceCUSTOM-Generic_052714-3-1.pdf https://heckmanequation.org/assets/2017/04/F_Heckman_CBA_InfographicHandout_040417.pdf https://heckmanequation.org/assets/2017/01/F_Heckman_CBAOnePager_120516.pdf
	In Wisconsin, it is estimated that dropouts cost the state over half a billion dollars each year.	http://www.maciverinstitute.com/2013/04/the-high-costs-of-high-school-dropouts-in-wisconsin/
Faith	The faith community also supports and speaks out for investments in early care and learning at the state and local levels across the country and through national organizations such as Shepherding the Next Generation.	https://www.strongnation.org/shepherding
	The Children's Defense Fund sponsors an annual National Observance of Children's Sabbath to shine a spotlight on the importance of early learning.	http://www.childrensdefense.org/programs/faithbased/faith-based-action-programs-pages/childrens-sabbaths/National-Observance-of-Children-s-Sabbaths.html http://www.childrensdefense.org/library/2016-sabbath-manual-/2016-sabbath-welcome.pdf
Other	Children that are not reading proficiently by third grade are much more likely to drop out of school.	http://www.aecf.org/m/resourcedoc/AECF-DoubleJeopardy-2012-Full.pdf
	By age three, children from high-income families are exposed to 30 million more words than children from families receiving public assistance.	https://www.aft.org/sites/default/files/periodicals/TheEarlyCatastrophe.pdf