



early learning group

Studien, Daten und Statistiken  
zur frühkindlichen Bildung

## Wichtige internationale Studien zur frühkindlichen Bildung



Studie	Quelle	Weblink
Lifetime Effects: The High/Scope Perry Preschool Study Through Age 40 (2005)	High/Scope Educational Research Foundation	<a href="http://www.highscope.org">www.highscope.org</a>
Early Childhood Development: Economic Development with a High Public Return	Federal Reserve Bank of Minneapolis	<a href="http://www.nabe.com">www.nabe.com</a>
The Productivity Argument for Investing in Young Children	Nobel Prize winner James Heckman and Dmitriy V. Masterov	<a href="http://jenni.uchicago.edu">http://jenni.uchicago.edu</a>
The Effects of Investing in Early Education on Economic Growth (2006)	The Brookings Institution	<a href="http://www.brookings.edu">www.brookings.edu</a>
Strong Foundations: Early Childhood Care and Education: EFA Global Monitoring Report 2007	UNESCO	<a href="http://unesdoc.unesco.org">http://unesdoc.unesco.org</a>
Early Childhood Development and Social Mobility	National Institute for Early Education Research in The Future of Children (Princeton-Brookings journal)	<a href="http://www.futureofchildren.org">www.futureofchildren.org</a>
Early Child Development: From Measurement to Action - A Priority for Growth and Equity	World Bank	<a href="http://web.worldbank.org">http://web.worldbank.org</a>
From early child development to human development - investing in our children's future	World Bank	<a href="http://www-wds.worldbank.org">http://www-wds.worldbank.org</a>
Early Childhood Education for All: A Wise Investment	The Economic Impacts of Child Care and Early Education: Financing Solutions for the Future (Legal Momentum's Family Initiative and the MIT Workplace Center)	<a href="http://web.mit.edu">http://web.mit.edu</a>
Preschool for All: Investing in a Productive and Just Society	Committee for Economic Development	<a href="http://www.eric.ed.gov">www.eric.ed.gov</a>
Framing Child Care as Economic Development: Lessons from Early Studies	Cornell University	<a href="http://government.cce.cornell.edu">http://government.cce.cornell.edu</a>

# Frühkindliche Bildung hat langfristige Auswirkungen

Positive Effekte der frühkindlichen Bildung für den Einzelnen.



	Carolina Abecedarian <sup>1,2</sup>	High/Scope Perry Preschool <sup>1</sup>
<i>Treatment vs. Control Group</i>		
<b>Cognitive Outcomes</b>		
IQ	94 vs. 88* at age 12	91 vs. 88* at age 7
Achievement	93 vs. 82* Math achievement at age 15	6.0 vs. 5.2* Problem solving at age 27
<b>Educational Outcomes</b>		
Special Education Placement	24% vs. 48%*	15% vs. 35%*
Grade Retention	31% vs. 55%*	35% vs. 40%*
High School Completion	70% vs. 67%*	65% vs. 45%*
<b>Employment and Earnings</b>		
Employed	64% vs. 50% at age 21	76% vs. 62%* at age 40
Employed in Skilled Jobs	67% vs. 41%* at age 21	n/a
Monthly Earnings	n/a	\$ 1,856 vs. \$ 1,308* at age 40

<sup>1</sup> Model program, randomized treatment and control groups.

<sup>2</sup> Program began while children were in infancy

\* Difference between treatment and control groups is statistically significant at the .05 level.

# Persönlicher und volkswirtschaftlicher Nutzen (Kapitalrendite) frühkindlicher Bildung



## Perry School Preschool's Estimated Impact per Program Participant

### Benefit/Cost Analysis

Present Value in 1992 Dollars Discounted at 3%

Benefits*	Participants	Public	Total
Child care provided	738	0	738
More efficient K-12 education, such as less grade retention and higher achievement	0	6.872	6.872
Decrease in public adult education costs	0	283	283
Increase in participants' earnings and employee benefits	21.485	8.846	30.331
Decrease in crime	0	70.381	70.381
Increase in publicly funded higher education costs	0	-868	-868
Decrease in welfare payments	-2.653	2.918	265
<b>Total Benefits</b>	<b>19.569</b>	<b>88.433</b>	<b>108.002</b>
<b>Cost of Program</b>	<b>0</b>	<b>-12.356</b>	<b>-12.356</b>

### Estimated return on US\$1.00 invested in the program:

For Participant and Public: **\$8.74** (\$108,002 in Benefits/\$12,356 for Cost of Program)

For Public: **\$7.16** (\$88,433 in Benefits/\$12,356 for Cost of Program)

- Benefits and costs were measured from ages 3 through 27 and projected for ages 28 through 65.
- QUELLE: The High/Scope Perry Preschool Study Through Age 27

## Wer investiert in die frühkindliche Erziehung und Bildung?

