

## Examples of available large datasets

**National Center for Education Statistics (NCES) <http://nces.ed.gov/surveys/>**

<b>Dataset Name</b>	<b>Topics</b>	<b>Target population</b>	<b>Interesting aspects</b>
National Assessment of Educational Progress (NAEP)	Math, reading, science, writing, the arts, civics, economics, geography, US history, technology+ engineering literacy	Grades 4, 8, and 12 Ages 9, 13, and 17 years (U.S. sample)	<ul style="list-style-type: none"> <li>➤ “The largest nationally representative and continuing assessment of what America's students know and can do in various subject areas.”</li> <li>➤ “Most NAEP data from 1990 to date are now available online in the NAEP Data Explorer (NDE). Results from national and state NAEP assessments can be viewed by grade and subject assessed. Users can customize the data displays according to their interests.”</li> <li>➤ Two assessment programs—an annual assessment based on evolving content standards and a Long-Term Trends Assessment program, where the tests are not altered so that long-term trends can be studied.</li> </ul>
Education Longitudinal Study of 2002 (ELS:2002)	<ul style="list-style-type: none"> <li>➤ Students' trajectories from the beginning of high school into postsecondary education, the workforce, and beyond.</li> <li>➤ Different patterns of college access and persistence that occur in the years following high school completion</li> </ul>	10 <sup>th</sup> graders in 2002 and 12 <sup>th</sup> graders in 2004	<ul style="list-style-type: none"> <li>➤ Surveys of students, their parents, math and English teachers, and school administrators</li> <li>➤ Base year-2002, follow-ups – 2004, 2006, 2012</li> <li>➤ Example areas measured: social background (i.e. sex, race, family background), home educational support system, school and classroom characteristics, postsecondary education choice and enrollment, employment, outcomes (i.e. achievement in reading and math, retention/promotion, labor market outcomes)</li> <li>➤ Non-public schools and Asian students sampled at a higher rate, to support group comparisons.</li> <li>➤ Contains restricted-use data</li> </ul>
National Household Education Surveys Program (NHES)	Early childhood care and education; Young children’s readiness for school; Before- and after-school activities of school-age children; Parent and family involvement in education; Adult education	All ages, from early childhood to school age through adulthood. (U.S. sample)	<ul style="list-style-type: none"> <li>➤ “The most recent data collection in 2012 consisted of two surveys: Parent and Family Involvement in Education and Early Childhood Program Participation.</li> <li>➤ Other special topics include: civic involvement, Household and Library Use, School Safety and Discipline.”</li> </ul>

Early Childhood Longitudinal Study (ECLS)	Child development, school readiness, and early school experiences	Early Childhood (U.S. sample)	The cohort is “a sample of children born in 2001 and followed from birth through kindergarten entry. The kindergarten class of 1998-99 cohort is a sample of children followed from kindergarten through the eighth grade. The kindergarten class of 2010-11 cohort is following a sample of children from kindergarten through the fifth grade.”
Beginning Teacher Longitudinal Study (BTLS)	The impact that different life events have on teachers’ careers, how school and/or district characteristics and policies affect teacher satisfaction, and how teachers respond to transitions in their lives and careers	Beginning teachers (U.S. sample)	“The study will create an unfolding"story" by following this cohort of first-year teachers for 5 years.”
EDFIN	Finance information on public elementary/ secondary education	Schools and school districts of all states in the U.S.	Includes information on specific public school district finance data, comparisons with other school districts, and school district fiscal and nonfiscal data over time.
National Assessments of Adult Literacy (NAAL)	English literacy	Adults age 16 and older (U.S. sample)	“2003, the nation's most comprehensive measure of adult literacy since the 1992 National Adult Literacy Survey (NALS). Approximately 1,200 inmates of federal and state prisons were assessed in order to provide separate estimates of literacy for the incarcerated population.”
Baccalaureate and Beyond (B&B)	Students’ future employment, education expectations, and their undergraduate education	Postsecondary students and institutions (U.S. sample)	This data set “examines students’ education and work experiences after they complete a bachelor’s degree, with a special emphasis on the experiences of new elementary and secondary teachers.”
Other datasets:			
➤ High School Longitudinal Study of 2009 (HSL:09)			
➤ Career/ Technical Education Statistics (CTES)			
➤ National Teacher and Principal Survey (NTPS)			
➤ Private School Survey (PSS)			
➤ Rural Education in America			
➤ Urban Education in America			
➤ School Survey on Crime and Safety (SSOCS)			
➤ Schools and Staffing Survey (SASS)			

## International Datasets

Dataset Name	Topics	Target population	Interesting aspects
Programme for International Student Assessment (PISA)	Reading, math, and science	15-year-olds in over 65 countries	<ul style="list-style-type: none"> <li>➤ Alternates which major area is the focus of intense assessment (all three domains measured each time to a limited extent)</li> <li>➤ <b>Administered every 3 years</b></li> <li>➤ Be sure to read widely about the limitations of comparing across countries (especially when sampling methods are different.)</li> <li>➤ Coordinated by Organisation for Economic Co-operation and Development (OECD) for its members</li> <li>➤ <a href="http://www.oecd.org/pisa/aboutpisa/">http://www.oecd.org/pisa/aboutpisa/</a></li> </ul>
Trends in International Mathematics and Science Study (TIMSS)	Math and science achievement	4 <sup>th</sup> and 8 <sup>th</sup> grade students in over 40 countries	<ul style="list-style-type: none"> <li>➤ Measures trends in mathematics and science achievement with measures of school and home contexts</li> <li>➤ <b>Administered every 4 years</b></li> <li>➤ Measured at 4<sup>th</sup> and 8<sup>th</sup> grade (some countries try to measure same students at both grades across administrations)</li> <li>➤ Be sure to read widely about the limitations of comparing across countries (especially when sampling methods are different.)</li> <li>➤ <a href="http://timssandpirls.bc.edu/">http://timssandpirls.bc.edu/</a></li> </ul>
Progress in International Reading Literacy Study (PIRLS)	Reading and literacy	4 <sup>th</sup> and 8 <sup>th</sup> grade students in over 40 countries	<ul style="list-style-type: none"> <li>➤ "It is designed to measure children's reading literacy achievement, to provide a baseline for future studies of trends in achievement, and to gather information about children's home and school experiences in learning to read."</li> <li>➤ <b>Administered every 5 years</b></li> <li>➤ Coordinated by same group as TIMSS (at Boston College)</li> <li>➤ Be sure to read widely about the limitations of comparing across countries (especially when sampling methods are different.)</li> <li>➤ <a href="http://timssandpirls.bc.edu/">http://timssandpirls.bc.edu/</a></li> </ul>
Programme for the International Assessment of Adult Competencies (PIAAC)	Adult competencies (literacy in multiple domains)	Adults over the age of 16 in 24 countries	<ul style="list-style-type: none"> <li>➤ Intended to "assist governments in assessing, monitoring and analysing the level and distribution of skills among their adult populations as well as the utilisation of skills in different contexts."</li> <li>➤ Coordinated by same group as PISA</li> <li>➤ Be sure to read widely about the limitations of comparing across countries (especially when sampling methods are different.)</li> </ul>

			➤ <a href="http://www.oecd.org/site/piaac/">http://www.oecd.org/site/piaac/</a>
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