About the IDB Analyzer (Version 3.2)

The IEA International Database Analyzer (IDB Analyzer) is an application developed by the IEA Data Processing and Research Center (IEA-DPC) in Hamburg, Germany, that can be used to combine and analyze data from IEA's large-scale assessments, as well as data from most major large-scale assessment surveys, including those conducted by the Organisation for Economic Co-operation and Development (OECD), and other international organizations. Originally designed for International large-scale assessments, it is also capable of working with national assessments such as the US National Assessment of Educational Progress (NAEP). Figure 1 below lists the studies that have been configured in the IDB Analyzer.[2]

Figure 1: Studies that can be analyzed with the IDB Analyzer (in alphabetical order)

Study/Organization	Capability
ALLS/StatsCan & OECD: Adult Literacy and Life Skills Study[3]	Analyze
CivEd/IEA: Civics Education Study	Merge and Analyze
IALS/OECD: International Adult Literacy Study	Analyze
ICCS/IEA: International Civics and Citizenship Education Study	Merge and Analyze
ICILS/IEA: International Computer and Information Literacy Study	Merge and Analyze
NAEP/ U.S. National Assessment of Educational Progress	Analyze[4]
PIAAC/OECD: Programme of International Assessment of Adult Competencies	Merge and Analyze
PIRLS/IEA: Progress in International Literacy Study	Merge and Analyze[5]
PISA/OECD: Programme for International Student Assessment	Analyze[6]
PRIDI/IADB: Project on Child Development Indicators	Merge and Analyze
SITES/IEA: Second Information Technology in Education Study	Merge and Analyze
TALIS/OECD: Teachers and Learning International Study	Merge and Analyze
TEDS-M/IEA: Teacher Education Study	Merge and Analyze

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[2] Upon request, the IDB Analyzer can be configured to work with other large-scale assessment databases. For further information please contact the IEA-DPC at software@iea-dpc.de.

[3] When working with ALLS and IALS data you will need to rename the replicate weight variables to eliminate leading zeroes from the replicate number.

[4] Please see Appendix E of this Help Manual for the available options.

[5] As of 2016, PIRLS will be calculating the standard errors using the "FULL" method. This change will apply retroactively. For more information about this, please refer to the Appendix of this Help Manual.

[6] Please see Appendix E of this Help Manual for the available options.