## 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.<sup>2</sup>

Study/Organization	Capability
ALLS/StatsCan & OECD: Adult Literacy and Life Skills Study <sup>3</sup>	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 <sup>4</sup>
PIAAC/OECD: Programme of International Assessment of Adult Competencies	Merge and Analyze
PIRLS/IEA: Progress in International Literacy Study	Merge and Analyze <sup>5</sup>
PISA/OECD: Programme for International Student Assessment	Analyze <sup>6</sup>
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

Figure 1: Studies that can	1 1 1 1.1.1		
HIGHT A LINE THIRD THAT CAN	bo analyzod with th	A IIIK Analyzar (	in alphabatical order)
TIPUIC I. SLUUICS HIAL CAL	DC allalvzCu with th	ις του πηαινές τ	III allohaloctical official
	,		========================

 $<sup>^2</sup>$  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.

<sup>&</sup>lt;sup>3</sup> When working with ALLS and IALS data you will need to rename the replicate weight variables to eliminate leading zeroes from the replicate number.

<sup>&</sup>lt;sup>4</sup> Please see Appendix E of this Help Manual for the available options.

<sup>&</sup>lt;sup>5</sup> 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.

<sup>&</sup>lt;sup>6</sup> Please see Appendix E of this Help Manual for the available options.