World KLEMS database for US: sources and notes

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The World KLEMS dataset for the US is an adaptation from the database on U.S. productivity growth by industry created by Dale Jorgenson and associates. This new data set covers 70 industries for the period 1960-2007 and uses the North American Industry Classification System (NAICS). Previous industry-level data sets on U.S. productivity provided by Jorgenson, Gollop, and Fraumeni (1987) and Jorgenson, Ho, and Stiroh (2005) have used the Standard Industrial Classification (SIC). The U.S. statistical system has shifted gradually to NAICS, beginning with the Business Census of 1997. The national accounts converted to NAICS in the 2003 Comprehensive Revision of the National Income and Product Accounts. The new database is described in the paper NEW DATA ON U.S. PRODUCTIVITY GROWTH BY INDUSTRY by Dale W. Jorgenson, Mun Ho and Jon Samuels, presented at the first World KLEMS conference (available at http://www.worldklems.net/conferences/worldklems2010_jorgenson.pdf)

To allow for easy comparisons with the data for the countries provided in the EU KLEMS database (available at http://www.euklems.net/), this US data set has been mapped into the 31 NACE rev 1 industries used in EU KLEMS. This NAICS-NACE mapping has been made in a one-to-one fashion (concordance table available upon request). Most industries could be easily matched, but in particular trade services (e.g. automotive sales and repairs) and business services (e.g. management of companies) the matching is incomplete. In future work this bridging will be improved.