

**Title:** *The OECD's Input-Output Database: 2006 Edition*

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The OECD's input-output database was started over a decade ago and is currently undergoing its second update. The database has been used in a number of analytical applications both within and outside the OECD. Two major applications within the OECD were in the analyses of the diffusion of embodied technology and, more recently, the measurement of carbon dioxide emissions embodied in the international trade of goods. The latest update is being conducted as part of a project looking at global value chains. This paper describes how the database has developed over the last decade, both from a collection and a compilation perspective, and, in particular, describes some of the thinking behind the various assumptions used during compilation and the various pre-requisite data needed to compile the tables. The paper also describes the rationale for producing these harmonised tables on an industry-by-industry basis rather than product-by-product; which partly reflects the importance of linking the tables to many other OECD databases. The purpose of the paper is therefore twofold. The first is to describe the database and its uses. The second is to describe the OECD's experience in the compilation of these tables in the hope that this may benefit input-output compilers in national statistical offices and provide them with a better understanding of the information needed and used by the OECD in compiling these tables.