



Overview of Recent GTAP Data Base Releases

Presented by
Betina Dimaranan
Center for Global Trade Analysis
Purdue University
West Lafayette, Indiana, USA

GTAP Data Base Releases

Data Release	Release Year	No. of Regions	No. of Sectors	Reference Year
GTAP 1	1993	15	37	1990
GTAP 2	1994	24	37	1992
GTAP 3	1996	30	37	1992
GTAP 4	1998	45	50	1995
GTAP 5	2001	66	57	1997
GTAP 6	2005	87	57	2001
GTAP 7	2007+	101+	57	2004

GTAP Data Cycle

- **Pre-releases (as we bring in data inputs)**
 - Switch to new base year
 - New and updated I-O tables
 - Updated international datasets
 - Any new data (e.g. taxes, parameters)
 - Released only to consortium member agencies and data contributors
- **Final (public) release**
- **Interim Releases**
 - Any new or updated I-O tables
- **Special Data Projects**

Recent Data Releases

- **Africa Data Base (Stage 1) – Mar 2007**
 - Built on GTAP 6.2 Data Base
 - I-O data for new regions based on existing data
- **GTAP 7 pre-release 1 – April 2007**
 - 2004 reference year, 101 regions and 57 sectors
 - Macroeconomic aggregates, merchandise trade, protection data
- **GTAP 7 pre-release 2 – May 2007**
 - Improved bilateral services trade data

Africa Data Base

- **Special Project funded by the European Commission and the World Bank**
- **Built on GTAP 6.2 Data Base (2001 ref. year)**
- **Africa is split into 31 regions (up from 19)**
- **Stage 1: new single regions based on other African I-O data in the GTAP 6.2 Data Base**
- **Data packaged as 40 regions x 57 sectors**
- **Meeting for Africa Project: tomorrow, 5:30-6:15pm**

GTAP 7 Pre-releases 1 and 2

- **2004 reference year, 101 regions, 57 sectors**
- **3 new regions (Nicaragua, Kazakhstan, Kyrgyzstan)**
- **4 updated I-O tables (CHN, IDN, CHL, TUR)**
- **3 corrected I-O tables (BEL, LUX, FRA)**
- **2004 macroeconomic aggregates**
- **2004 merchandise trade**
- **2004 domestic support for OECD and disaggregated EU**
- **agricultural export subsidies (2004 or most recent)**
- **2004 preferential tariffs**
- **2003\2004 ATC ETEs**

All the above plus

- **improved bilateral services trade data in pre-release 2**

GTAP 7 New I-O Tables

Country		Year	Contributor
Nicaragua	N	2000	Ludena
Kazakhstan	N	2002	de Souza
Kyrgyzstan	N	2003	Atamanov
China	U	2002 (1997)	He
Indonesia	U	2004 (1995)	Horridge
Chile	U	2003 (1996)	Schuschny
Turkey	U	1998 (1995)	Acar
Belgium	C	1995	Walmsley
Luxembourg	C	1995	Walmsley
France	C	1992	Walmsley

GTAP 7 Data Sources

Data	Sources	Status
Macroeconomic Aggregates	World Bank plus other sources	2004 data in 7pre1
Merchandise Trade	Gehlhar (ERS\USDA) – processed COMTRADE data	2004 data in 7pre1; update expected
Services Trade	IMF BOP Statistics; CPB (OECD data)	2003 OECD data in 7pre2
Agricultural I-O	Peterson and McDougall (processed FAO data)	Same as in GTAP 6 (new data not needed)
Agr Prodn Targets	OECD value of production	not yet done for 2004
Energy	IEA volumes and prices	2004 data prep in progress

GTAP 7 Protection Data

Data	Sources	Status
Domestic Support for OECD \ NMEs	Huang (OECD)	2004 data in 7pre1
Domestic Support for EU members	Jensen (FOI)	2004 data in 7pre1
Agr. Export Subsidies	Elbehri (ERS\USDA)	2004 or most recent data in 7pre1
Preferential Tariffs (MAcMaps)	Laborde (CEPII)	2004 data in 7pre1; update expected
ATC ETEs	Francois and Woerz	2003\2004 data in 7pre1

GTAP 7 Other Data

Data	Sources	Status
Trade Elasticities	No new sources	Same as in GTAP 6
Demand Elasticities	Revised estimates	Module update needed
Govt Consumption Adjustment	IFS time series data	Data update in progress
Income and Factor Taxes	IMF Government Financial Statistics	2004 data prep in progress
Agr Factor Shares	Literature review	Not yet done
Time Series Trade	Gehlhar (ERS\USDA)	update expected

Release Practices

- **Pre-releases**
 - Board members (and data contributors) are notified of the availability of pre-release on the website
 - Bugs are addressed in next pre-release
- **Final release and interim releases**
 - Board members (and data contributors) are notified of the availability of release candidate on the website
 - Release candidate becomes interim release after one month if no substantial feedback; else construct new release candidate
- **Previous releases maintained on GTAP website for board member access**
- **Release notes for pre- and interim releases; Full documentation for final release**

Other Data Presentations

- **Energy Data (Rob)**
- **Trade Data**
 - **Merchandise Trade (Bob, Mark)**
 - **Services Trade (Rob)**
- **Factor and Income Taxes (Rob)**