

GTAP Data Cycle and Releases

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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 1 – 4 Data Cycle

- **Switch to a new base year**
- **Include all domestic databases and international datasets**
- **Release candidate**
 - if not okay, revise => new release candidate
 - if okay => final release
- **18- to 24- month data cycle**

Changes Introduced in GTAP 5

- **Automation (Build Management)**
- **Modular Structure**
- **Regional Flexibility (Standard Regions)**
- **Archiving / Version Control**
- **Dissemination to Board – web-board / website**

GTAP 5 Pre-releases

Release	Date	Data Added
5pre1	May 2000	I-O tables – 26 new (EU14) ; 2 updated New data - macroeconomic; trade; output subsidies; export subsidies; merchandise tariffs
5pre2	Nov 2000	New data - agric tariff; Revised - merchandise tariffs; domestic support (ERS); export subsidies;
5pre3	Apr 2001	I-O tables – 20 updated including EU15 New data - ATC ETEs; TS trade Revised - domestic support w/ EU; merch tariffs (WITS); export subsidies;
GTAP 5	Jun 2001	I-O tables – 2 updated New data - I-O disaggregation; energy; energy volumes Revised - trade; agric factors splits;

GTAP 5 Data Cycle

- **Switch to 1997 base year in Jan 2000**
- **Overhaul of data construction => automation**
- **3 pre-releases for scrutiny, as we bring in new data**
- **Final release 1.5 years later (June 2001)**
- **I-O tables after final release => interim releases**
 - **EU tables – agricultural production targets**
 - **CEECs**
 - **Russia, Albania**

GTAP 5 Interim Releases

Release	Date	Data Added
5.1	May 2002	I-O tables: EU – agric prod tgt
5.2	Sep 2002	New I-O tables: CEECs
5.3	Mar 2003	New I-O tables: Russia, Albania
5.4	Aug 2003	Updated I-O table: Japan
(public)	(Nov `03)	Various bug fixes

GTAP 6 Pre-releases

- **GTAP 6 work began in October 2003**
- **5 pre-releases from Nov 2003 to Nov 2004**
- **2 new regions – Madagascar, Tunisia**
- **11 regions with updated I-O tables**
- **Updated international data to 2001**
- **Revised data handling in various modules**
- **New data – income and factor taxes; govt consumption**
- **Several revisions of international datasets thru the pre-releases**

GTAP 6 I-O Tables

Release	Activity	Regions
6pre1 Nov 2003		Region definition (more composites); 226 standard countries
6pre2 Apr 2004	New Updated Agr Prd Tgt	Madagascar AUS NZL KOR TWN SGP IND BRA COL NLD TUR EU, CEECs
6pre3 Jun 2004	Re-Agg Corrected	IND, IDN, THA KOR
6pre4 Sept 2004	New Updated Agr Prd Tgt	Tunisia ARG Other OECD and BRA
6pre5 Nov 2004	Corrected Agr Prd Tgt	AUS, ARG, BRA AUS, CAN, BRA

GTAP 6 International Data

Data	Source	Release	Activity
Macroeconomic Aggregates	World Bank +	6pre1 6pre2	Added C I G adjustments
Agricultural I-O data	FAO (thru Peterson)	6pre3	Added; Module Overhaul
Merchandise Trade	Gehlhar/ERS	6pre1 6pre3 6pre5	Added Revised Revised (NLD)
Services Trade	IMF Balance of Payment Statistics	6pre4	Added (unilateral)
Energy	IEA volumes	6	Added (prices updated)

GTAP 6 Protection Data

Data	Source	Release	Activity
Domestic Support	Huang/OECD and Jensen/FOI	6pre1 6pre2 6pre5	Added (OECD; EU) Added (NMEs); misc. Correction on EU
Export Subsidies	Elbehri/ERS	6pre1 6pre4	Added (2000 data) Updated (2001 data)
Tariffs (MAcMaps)	Mimouni/ITC Laborde/CEPII	6pre1 6pre3 6pre4 6pre5	Added Revised (RG wghts) Revised (trade wghts) Revised
ATC ETEs	Francois and Spinanger	6pre3	Added

GTAP 6 Other Data

Data	Source	Release	Activity
Trade Elasticities	Hertel, Hummels, Ivanic and Keeney (2003) GTAP TP 26	6pre2	Revised
Demand Elasticities	Reimer and Hertel (2003) GTAP TP 22	6pre2	Revised
Govt Consumption Adjustment	IFS data	6pre3	NEW - Added
Income and Factor Taxes	IMF Government Financial Statistics	6	NEW - Added
Time Series Trade	Gehlhar/ERS	6	Added 1992-2002
Population	World Bank +	6	NEW – Added

Release Practices

- **Pre-releases**
 - Board members (and data contributors) notified of availability of pre-release on the website
 - Bugs are addressed in next pre-release
- **Final release and interim releases**
 - Board members (and data contributors) notified of availability of -release candidate on the website
 - Release candidate becomes interim release after one month with 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**

Release Policies

- **Access to pre-releases and interim releases should be limited to your agency only**
- **Three month lag between final release to board and public release**
- **PLEASE use correct release names:**
 - **GTAP 6 pre-release 1 (GTAP 6pre1)**
 - **GTAP interim release 6.1 (GTAP 6.1)**

Some (Old and New) Data Issues

- **Data-based bilateral structure for services trade**
- **IEA energy prices**
- **Factor-splits (self-employed labor; factor-splits from I-O tables)**
- **Sugar classification**
- **Textiles/clothing classification**