

Inforum IT in 2014

Demonstrating the Collection, Compilation, and Presentation of Information

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¹Inforum – Department of Economics
University of Maryland

Inforum World Conference 2014, Alexandria, VA

Outline

- 1 Introduction to G7
 - Introduction to G7
 - Inforum Web Site
- 2 Introductory Demonstration: Basic G
 - Workshop Demo 1
- 3 G7 and Excel Demonstration: Data Collection, Compilation, and Presentation
 - Recent Developments in G7
 - Workshop Demo 2
- 4 Other Demo Routines
 - Other Demos

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What is G7?

- Build and develop economic time series databases
 - Scalar, vector, and matrix data
- Review and summarize data
 - Build tables and graphs
- Estimate regression equations and other analysis
 - Linear and nonlinear regression
- Build macro and interindustry models
 - Prepare equations and data, evaluate and present results

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Related Work

- Clopper Almon (2012). The Craft of Economic Modeling.
www.inforum.umd.edu/papers/TheCraft.html
- Inforum Web Site: Software Page.
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Inforum Web Site: Software

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www.inforum.umd.edu/software/documentation.html
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- HTML (Available for browsing on web site)
- PDF (May be printed as book)
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Inforum Web Site: Documentation

The G7 Help files are available in a zipped archive. After downloading the zipped files, first right-click on the file icon, select Properties, and click Unblock. This must be done before extracting the zipped files. If you have trouble unblocking the file, see [this blog post](#) for help.

Software Documentation

Program	Version	Release Date	Notes
Online G7 Help Files	G7 7.3845 and later	August 29, 2014	
PDF Documentation	G7 7.3845 and later	August 29, 2014	
Compiled Help File	G7 7.3845 and later	August 29, 2014	Unblock the file, then extract to C:\PDG. See The Craft for recent developments
Dyme		May 2, 2003	

Software Documentation Archives

Program	Version	Release Date	Notes
G7 Help Files	G7 7.3844 and earlier.	August 19, 2011	Unblock the file, then extract.
G7 Reference Manual	G7 7.3844 and earlier.	August 19, 2011	
G7 Tutorial	G7 7.3844 and earlier.	September 1, 2009	
Build		February 12, 2001	

EconData

G7

Products and Services

- [U.S. National Models](#)
- [Research and Analysis](#)
- [International Partners](#)
- [World Conferences](#)
 - 2013
 - 2014
- [Outlook Conferences](#)
 - 2012
 - 2013
- [The Craft, Vol. 1-3](#)

[Related Links](#)

Inforum Web Site: Update

- Work on a new Inforum web site is under way.
www.inforum.umd.edu/~infweb.
- Many, but not all, main features are in place. Much will change.
- Inforum Web Site: Software Documentation.
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Inforum Web Site Update: Documentation

INEFORUM
INTERINDUSTRY FORECASTING AT THE UNIVERSITY OF MARYLAND

Organization Research Services EconData Software Search

Software Documentation

Documentation files for many pieces of software maintained by Inforum are available below.

[Docs](#) [Archive](#)

Software Documentation

[Online G7 Help Files](#)
Version: G7 7.3B45 and later
Release Date: August 23, 2013

[PDF Documentation](#)
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Introductory Demonstration: Basic G

- Starting G7 and running a script
- Load databases, perform calculations, graph data
- Workshop: Demonstration with G7

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Recent Developments in G7

- Improved Documentation
- Excel Interface Improvements
- Strings, Functions, and Keywords.
- Miscellaneous Improvements and Bug Fixes.

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- Controls for gridlines, cell borders, RGB color specification, conditional formatting.
- Printer control.
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G7 and Excel Demonstration: Data Collection, Compilation, and Presentation

- Read information from a spreadsheet
- Compile the data in G7 databases
- View data in G7
- Create formatted data tables and graphs in spreadsheet documents

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- US 2014 Quarter 1 data have been revised a lot
- GDP growth forecasts for 2014 have been revised a lot
- GDP growth estimates seem at odds with employment estimates
- We will assemble the sequence of GDP estimates to track their evolution

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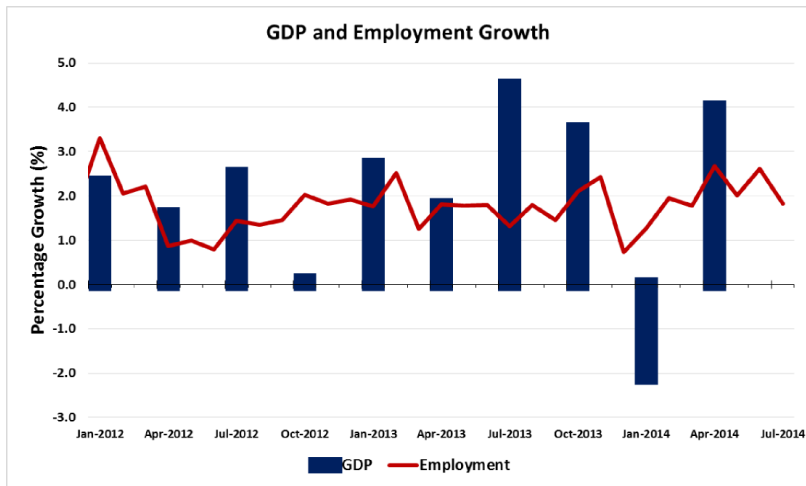
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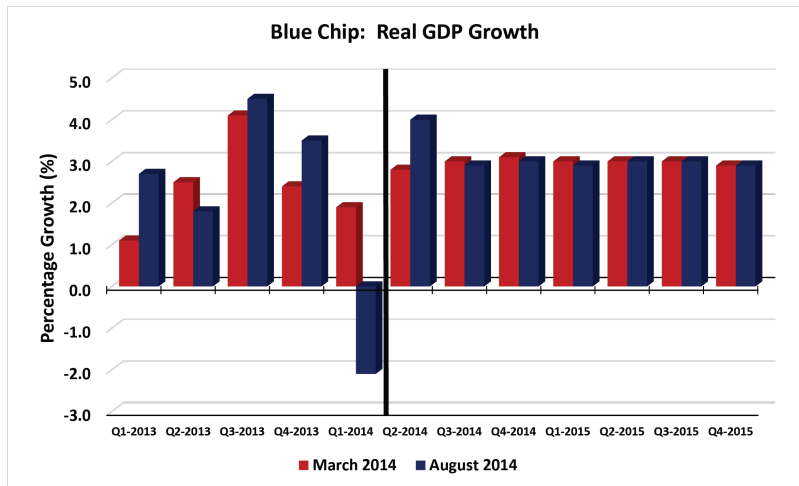
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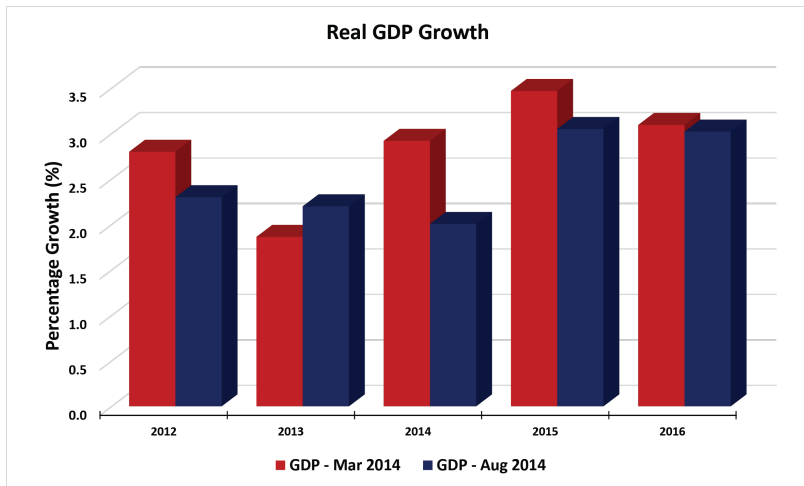
GDP and Employment: August Estimate



GDP History and Forecasts: March and August



GDP History and Forecasts: March and August



Inforum Web Site Update: EconData Archives

INFORUM
INTERINDUSTRY FORECASTING AT THE UNIVERSITY OF MARYLAND
Site Under Construction

Organization Research Services EconData Software Search

EconData Archive

This page contains an archive of G7 databanks made available by Inforum. Download and unzip the bank before using G7, Inforum's database and regression package, to access data.

Select a bank from the list below and click submit to see all available historical releases.

Select Bank:

- NIPA Annual
- NIPA Quarterly
- NIPA Monthly
- Short Term Energy Outlook
- Monthly Retail Trade Survey
- Monthly Wholesale Trade Survey
- EHE Seasonally Adjusted
- EHE Non-Seasonally Adjusted

NIPA Quarterly

Download	Release Date: 2014-08-01	Updated: 2014-08-01
	First Period Covered: 1969 Q1	Last Period Covered: 2014 Q2
Download	Release Date: 2014-05-30	Updated: 2014-05-30
	First Period Covered: 1969 Q1	Last Period Covered: 2014 Q1



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Additional Resources

- Basics of VAM Banks
- Basic String Commands
- Additional String Routines
- A Review of VAM Techniques
- Map industry detail from one sectoring scheme to another
- Demonstrate recursive function techniques by calculating the Fibonacci sequence
- Reviewing an Economic Forecast Balancing Matrices with Uncertain Totals

Additional Resources I

-  Inforum Web Site: Software Page.
www.inforum.umd.edu/software/software.html.
-  Author contact: horst@econ.umd.edu.