Inforum IT in 2014

Demonstrating the Collection, Compilation, and Presentation of Information

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[1]Inforum – 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
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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

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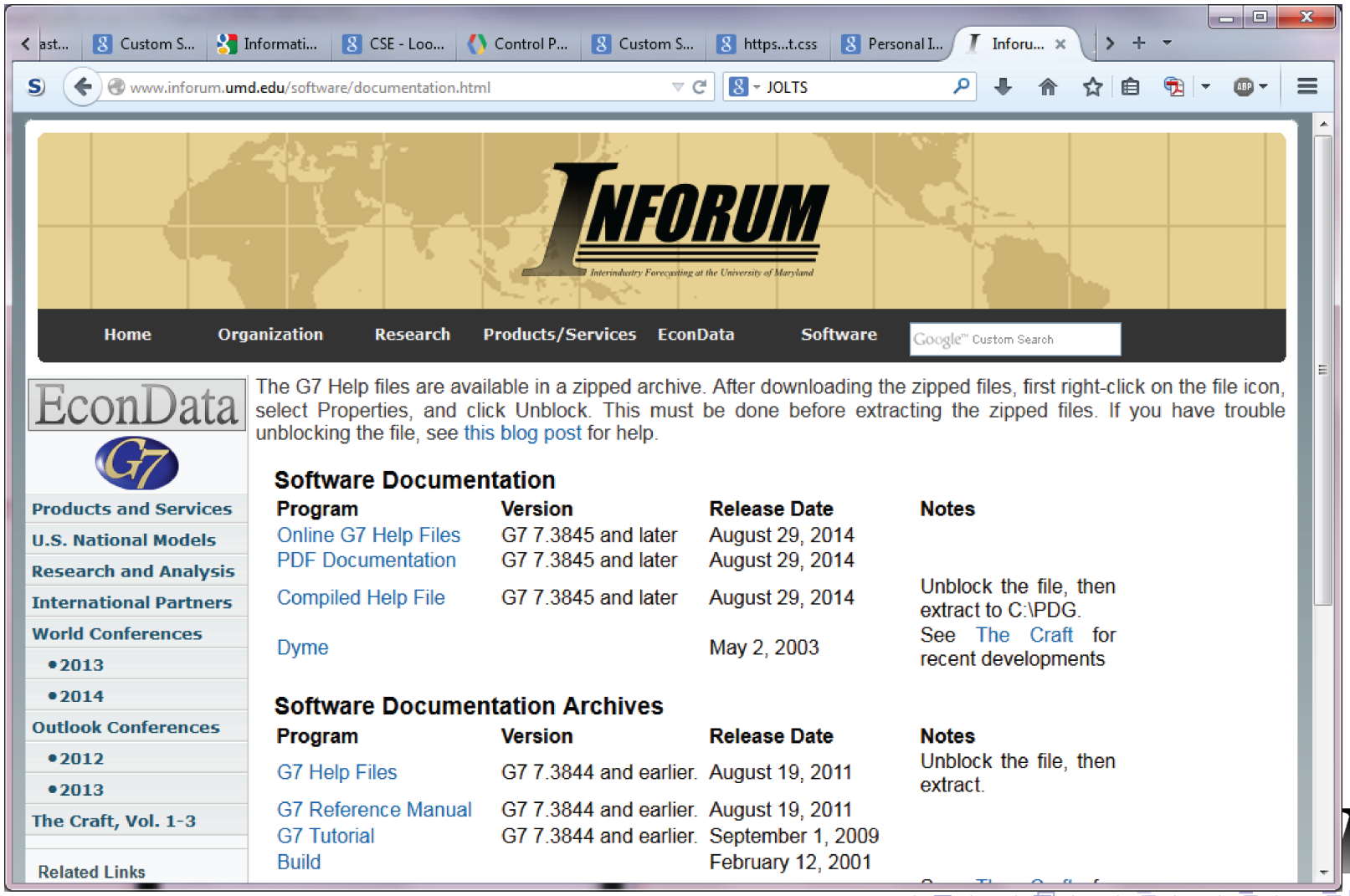

Inforum Web Site: Update

- Work on a new Inforum web site is under way.

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- Many, but not all, main features are in place. Much will change.

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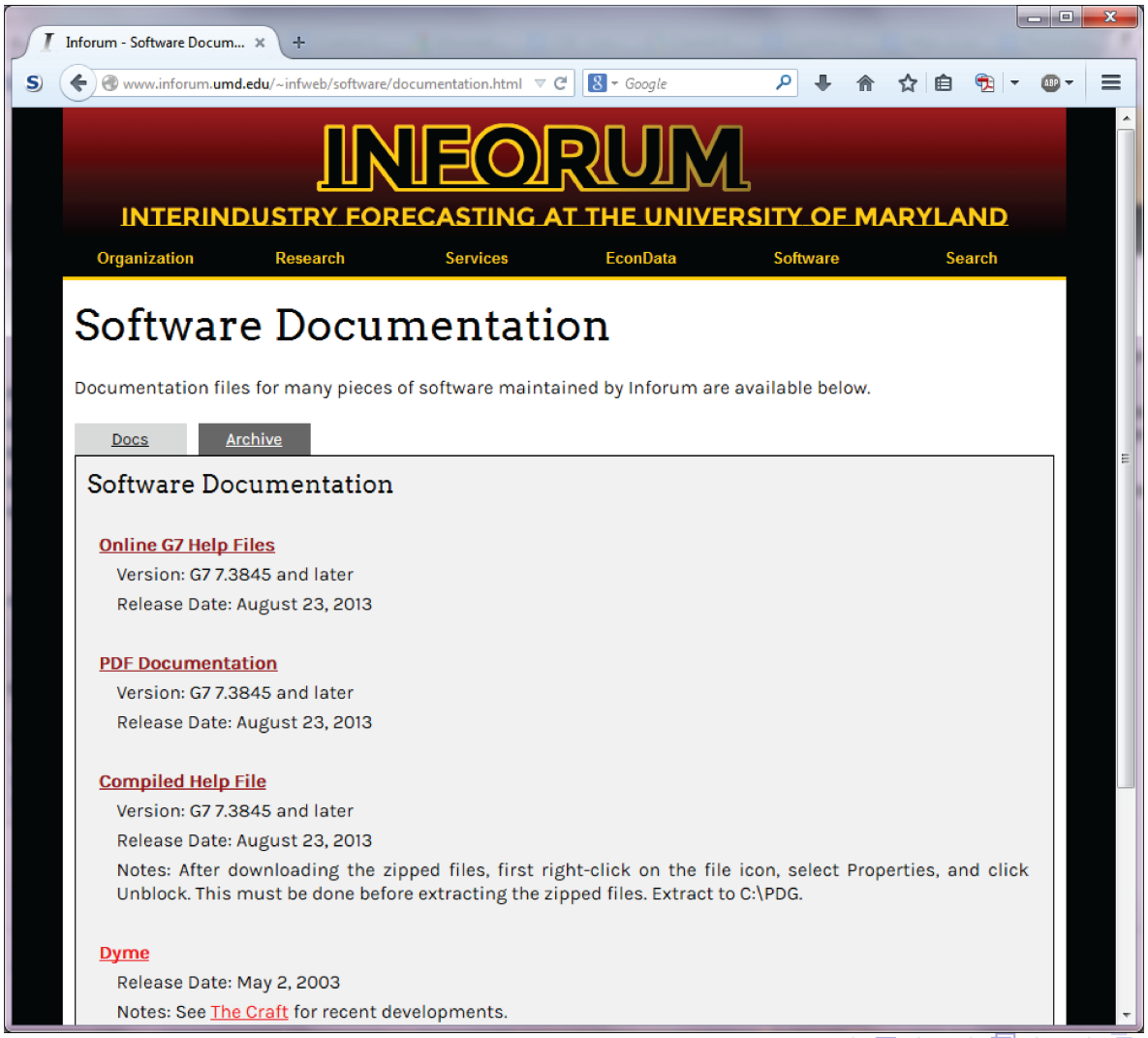

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- Starting *G7* and running a script
- Load databases, perform calculations, graph data
- Workshop: Demonstration with *G7*

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

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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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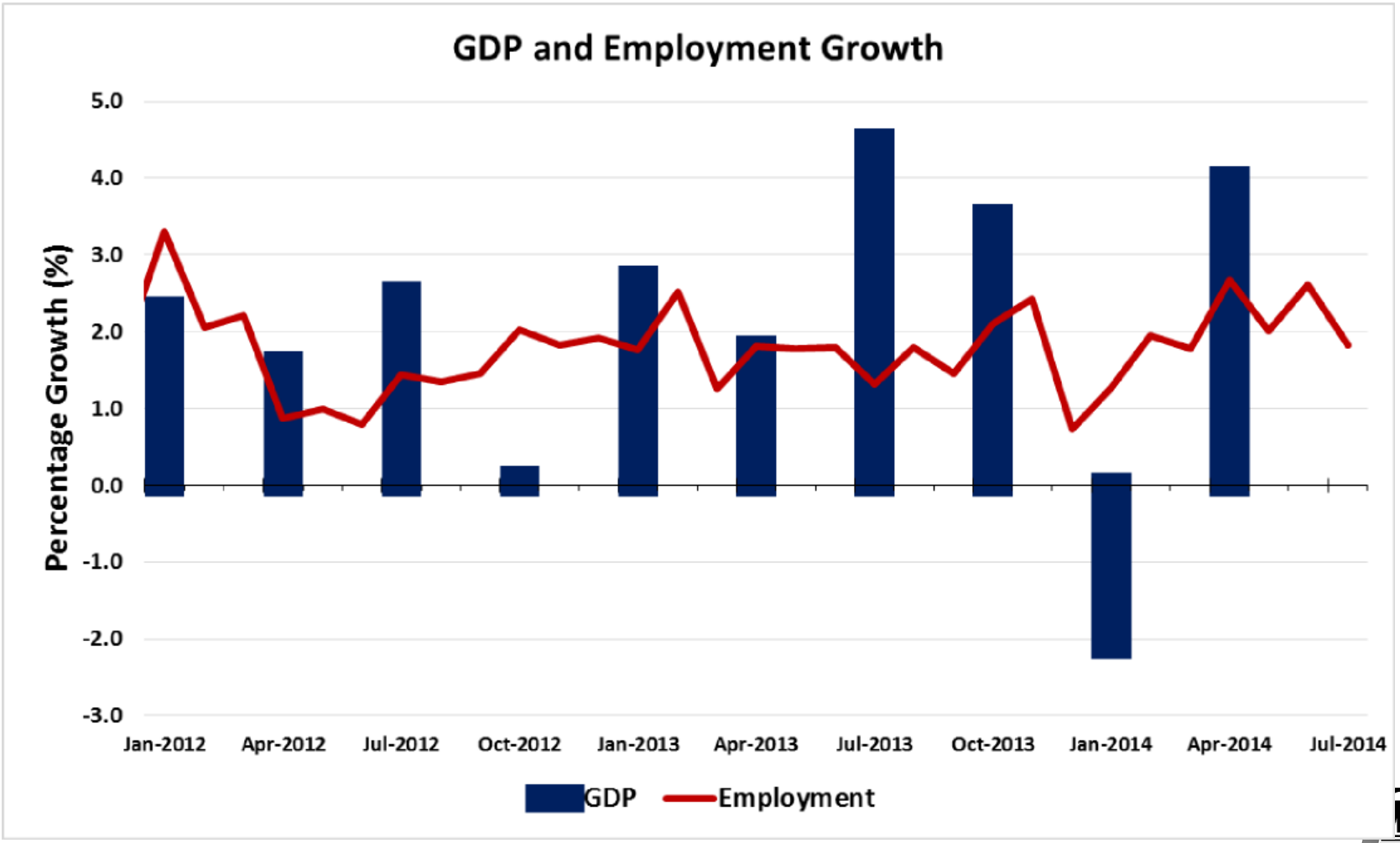
GDP and Employment: August Estimate



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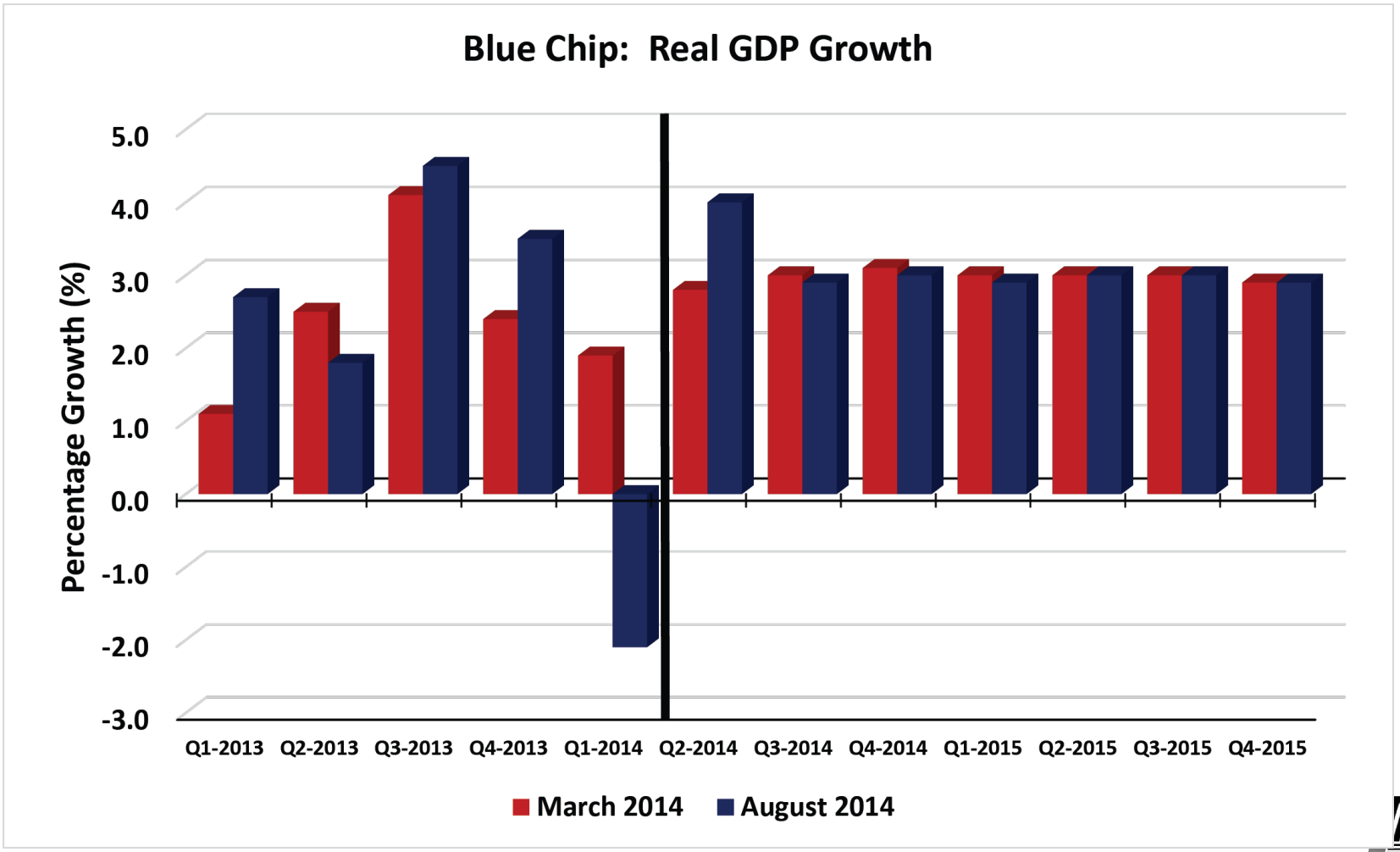

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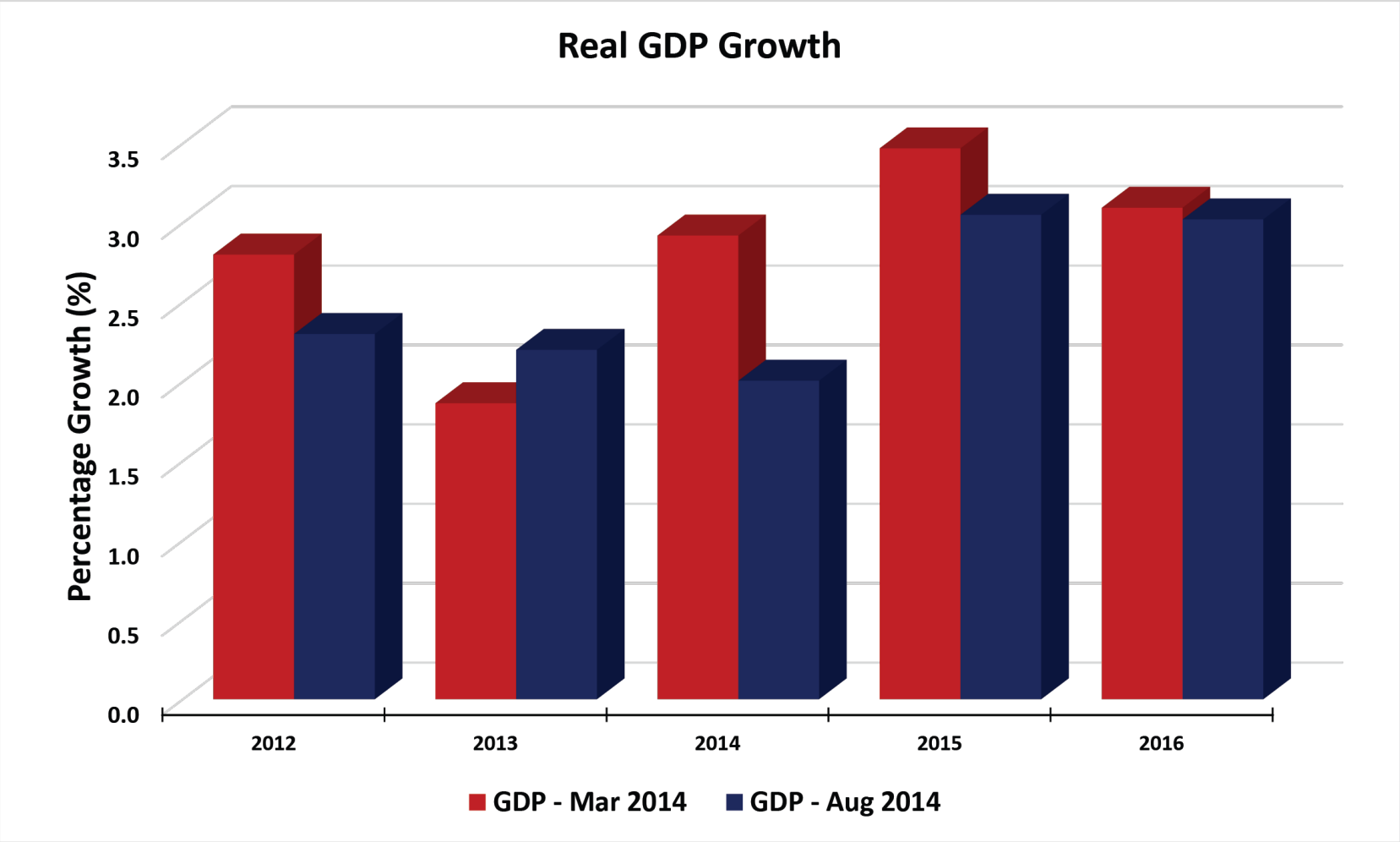
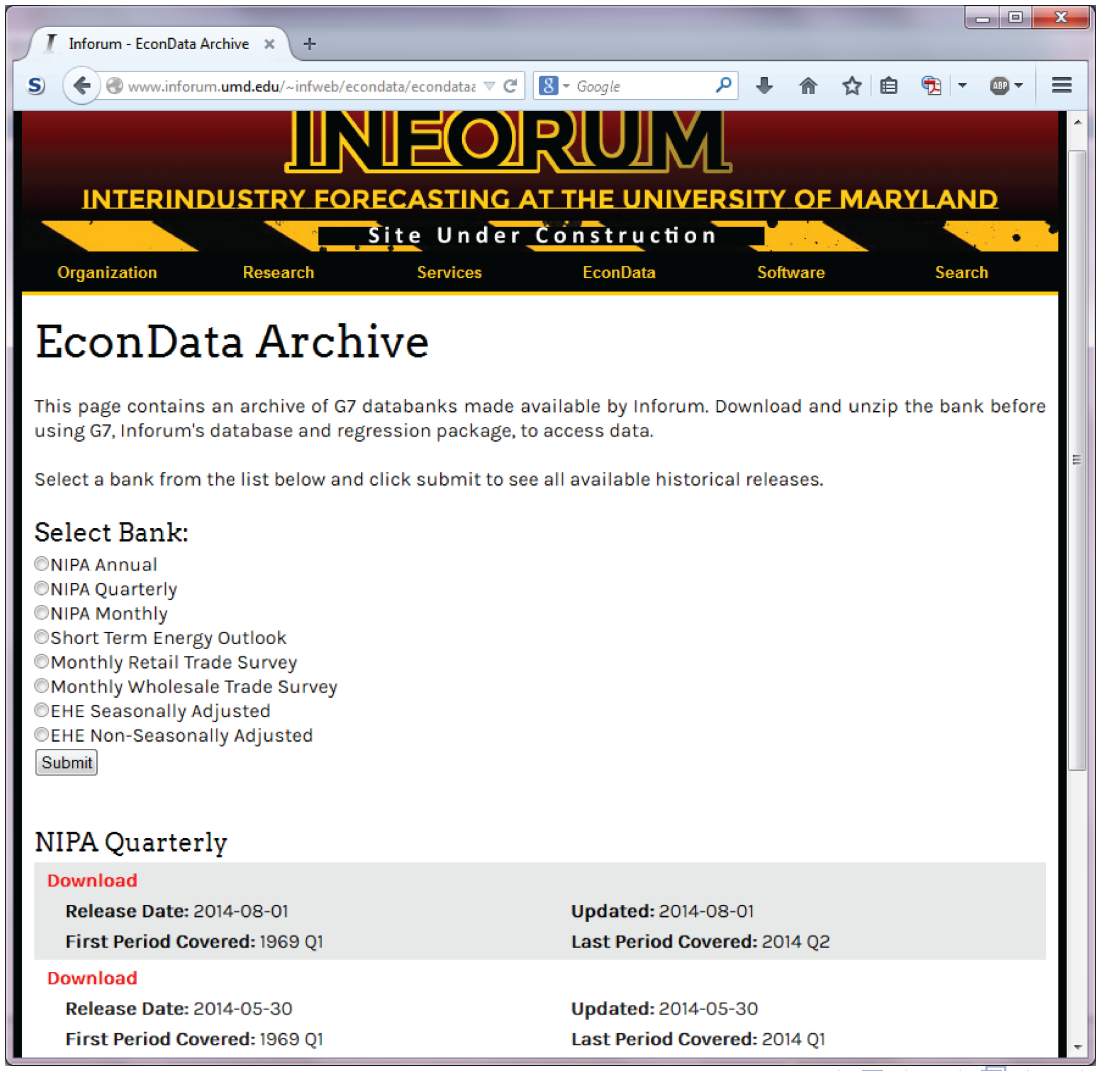


Inforum Web Site Update: EconData Archives



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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.