1 Data Appendix

This appendix contains a list of all the data used in the paper. The series are listed by the blocks they are organized into. For each series we provide the full description, the data source, and the transformation code. The transformation codes are defined in the following table:

Tcode	Transformation
1	$X_{it} = Y_{it}$
2	$X_{it} = \Delta Y_{it}$
3	$X_{it} = \Delta^2 Y_{it}$
4	$X_{it} = \ln Y_{it}$
5	$X_{it} = \Delta \ln Y_{it}$

Table A.1: Production

Series	**Source** [1]	**TCode**
Capacity Utilization: Wood Products (SA, % of Capacity)	FRB	2
Capacity Utilization: Nonmetallic Mineral Products (SA, % of Capacity)	FRB	2
Capacity Utilization: Primary Metal (SA, % of Capacity)	FRB	2
Capacity Utilization: Fabricated Metal Product (SA, % of Capacity)	FRB	2
Capacity Utilization: Machinery (SA, % of Capacity)	FRB	2
Capacity Utilization: Computer and Electronic Products (SA, % of Capacity)	FRB	2
Capacity Utilization: Elec Eqpt, Appliances & Components (SA, % of Capacity)	FRB	2
Capacity Utilization: Motor Vehicles and Parts (SA, % of Capacity)	FRB	2
Capacity Utilization: Aerospace & Misc Transportation (SA, % of Capacity)	FRB	2
Capacity Utilization: Furniture and Related Products (SA, % of Capacity)	FRB	2
Capacity Utilization: Miscellaneous Durable Goods (SA, % of Capacity)	FRB	2
Capacity Utilization: Food, Beverage, & Tobacco Products (SA, % of Capacity)	FRB	2
Capacity Utilization: Textile and Product Mills (SA, % of Capacity)	FRB	2
Capacity Utilization: Apparel and Leather (SA, % of Capacity)	FRB	2
Capacity Utilization: Paper (SA, % of Capacity)	FRB	2
Capacity Utilization: Printing & Related Support Activities (SA, % of Capacity)	FRB	2
Capacity Utilization: Petroleum and Coal Products (SA, % of Capacity)	FRB	2
Capacity Utilization: Chemicals (SA, % of Capacity)	FRB	2
Capacity Utilization: Plastics and Rubber Products (SA, % of Capacity)	FRB	2
Capacity Utilization: Other Manufacturing [Non-NAICS] (SA, % of Capacity)	FRB	2
Capacity Utilization: Mining (SA, % of Capacity)	FRB	2
Capacity Utilization: Electric and Gas Utilities (SA, % of Capacity)	FRB	2
Capacity Utilization: Computer and Peripheral Equipment (SA, % of Capacity)	FRB	2
Capacity Utilization: Communications Equipment (SA, % of Capacity)	FRB	2
Capacity Utilization: Semiconductors and Related Equipment (SA, % of Cap.)	FRB	2
Mfrs' Shipments: Wood Products (SA, Mil.$)	CEN	5
Mfrs' Shipments: Nonmetallic Mineral Products (SA, Mil.$)	CEN	5

Continued on next page

Production– continued from previous page

Series	Source	TCode
Mfrs' Shipments: Primary Metals (SA, Mil.$)	CEN	5
Mfrs' Shipments: Fabricated Metal Products (SA, Mil.$)	CEN	5
Mfrs' Shipments: Machinery (SA, Mil.$)	CEN	5
Mfrs' Shipments: Computers & Electronic Products (SA, Mil.$)	CEN	5
Mfrs' Shipments: Electrical Equip, Appliances & Components (SA, Mil.$)	CEN	5
Mfrs' Shipments: Transportation Equipment (SA, Mil.$)	CEN	5
Mfrs' Shipments: Furniture & Related Products (SA, Mil.$)	CEN	5
Mfrs' Shipments: Miscellaneous Durable Goods (SA, Mil.$)	CEN	5
Mfrs' Shipments: Food Products (SA, Mil.$)	CEN	5
Mfrs' Shipments: Beverage & Tobacco Products (SA, Mil.$)	CEN	5
Mfrs' Shipments: Textile Mills (SA, Mil.$)	CEN	5
Mfrs' Shipments: Textile Products (SA, Mil.$)	CEN	5
Mfrs' Shipments: Apparel (SA, Mil.$)	CEN	5
Mfrs' Shipments: Leather & Allied Products (SA, Mil.$)	CEN	5
Mfrs' Shipments: Paper Products (SA, Mil.$)	CEN	5
Mfrs' Shipments: Printing (SA, Mil.$)	CEN	5
Mfrs' Shipments: Petroleum & Coal Products (SA, Mil.$)	CEN	5
Mfrs' Shipments: Basic Chemicals (SA, Mil.$)	CEN	5
Mfrs' Shipments: Plastics & Rubber Products (SA, Mil.$)	CEN	5
Mfrs' New Orders: Primary Metals (SA, Mil.$)	CEN	5
Mfrs' New Orders: Fabricated Metal Products (SA, Mil.$)	CEN	5
Mfrs' New Orders: Machinery (SA, Mil.$)	CEN	5
Mfrs' New Orders: Computers & Electronic Products (SA, Mil.$)	CEN	5
Mfrs' New Orders: Electrical Equip, Appliances & Components (SA, Mil.$)	CEN	5
Mfrs' New Orders: Transportation Equipment (SA, Mil.$)	CEN	5
Mfrs' New Orders: Furniture & Related Products (SA, Mil.$)	CEN	5
Mfrs' New Orders: Nondurable Goods Industries (SA, Mil.$)	CEN	5
Mfrs' Unfilled Orders: Primary Metals (EOP, SA, Mil.$)	CEN	5
Mfrs' Unfilled Orders: Fabricated Metal Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Unfilled Orders: Machinery (EOP, SA, Mil.$)	CEN	5
Mfrs' Unfilled Orders: Computers & Electronic Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Unfilled Orders: Electrical Equip, Appliances & Comp (EOP, SA, Mil.$)	CEN	5
Mfrs' Unfilled Orders: Transportation Equipment (EOP, SA, Mil.$)	CEN	5
Mfrs' Unfilled Orders: Furniture & Related Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Wood Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Nonmetallic Mineral Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Primary Metals (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Fabricated Metal Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Machinery (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Computers & Electronic Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Electrical Equipment, Appliances & Comp (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Transportation Equipment (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Furniture & Related Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Miscellaneous Durable Goods (EOP, SA, Mil.$)	CEN	5

Continued on next page

Production– continued from previous page

Series	Source	TCode
Mfrs' Inventories: Grain & Oilseed Milling (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Dairy Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Meat, Poultry & Seafood Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Beverages (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Tobacco (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Textile Mills (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Textile Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Apparel (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Leather & Allied Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Paper Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Printing (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Petroleum & Coal Products (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Basic Chemicals (EOP, SA, Mil.$)	CEN	5
Mfrs' Inventories: Plastics & Rubber Products (EOP, SA, Mil.$)	CEN	5
IP: Durable Consumer Goods (SA, 2002=100)	FRB	5
IP: Nondurable Consumer Goods (SA, 2002=100)	FRB	5
IP: Business Equipment (SA, 2002=100)	FRB	5
IP: Oil & Gas Well Drilling, Manufactured Homes (SA, 2002=100)	FRB	5
IP: Defense and Space Equipment (SA, 2002=100)	FRB	5
IP: Construction Supplies (SA, 2002=100)	FRB	5
IP: Business Supplies (SA, 2002=100)	FRB	5
IP: Durable Materials (SA, 2002=100)	FRB	5
IP: Nondurable Materials (SA, 2002=100)	FRB	5
IP: Energy Materials (SA, 2002=100)	FRB	5
IP: Oil and Gas Extraction (SA, 2002=100)	FRB	5
IP: Mining Excl Oil and Gas (SA, 2002=100)	FRB	5
IP: Support Activities for Mining (SA, 2002=100)	FRB	5
IP: Electric Power Generation, Transmission and Distribution (SA, 2002=100)	FRB	5
IP: Natural Gas Distribution (SA, 2002=100)	FRB	5
IP: Food (SA, 2002=100)	FRB	5
IP: Beverages and Tobacco Products (SA, 2002=100)	FRB	5
IP: Textile Mills (SA, 2002=100)	FRB	5
IP: Textile Product Mills (SA, 2002=100)	FRB	5
IP: Apparel (SA, 2002=100)	FRB	5
IP: Leather and Allied Products (SA, 2002=100)	FRB	5
IP: Wood Products (SA, 2002=100)	FRB	5
IP: Paper and Paper Products (SA, 2002=100)	FRB	5
IP: Printing and Related Support Activities (SA, 2002=100)	FRB	5
IP: Petroleum and Coal Products (SA, 2002=100)	FRB	5
IP: Chemicals (SA, 2002=100)	FRB	5
IP: Plastics and Rubber Products (SA, 2002=100)	FRB	5
IP: Nonmetallic Mineral Products (SA, 2002=100)	FRB	5
IP: Primary Metals (SA, 2002=100)	FRB	5
IP: Fabricated Metal Products (SA, 2002=100)	FRB	5

Continued on next page

Production– continued from previous page

Series	Source	TCode
IP: Machinery (SA, 2002=100)	FRB	5
IP: Computer and Electronic Products (SA, 2002=100)	FRB	5
IP: Electrical Equipment, Appliances, and Components (SA, 2002=100)	FRB	5
IP: Transportation Equipment (SA, 2002=100)	FRB	5
IP: Furniture and Related Products (SA, 2002=100)	FRB	5
IP: Miscellaneous Manufacturing (SA, 2002=100)	FRB	5
IP: Logging (SA, 2002=100)	FRB	5
IP: Newspaper, Periodical, Book, and Database Publishers (SA, 2002=100)	FRB	5

[1]FRB: Federal Reserve Board
CEN: Bureau of the Census

Table A.2: Employment

Series	Source [1]	TCode
Civilian Labor Force: Men: 16-19 Yrs (SA, Thous)	BLS	5
Civilian Labor Force: Men: 20-24 Yrs (SA, Thous)	BLS	5
Civilian Labor Force: Men: 25-54 Yrs (SA, Thous)	BLS	5
Civilian Labor Force: Men: 55 Yrs & Over (SA, Thous)	BLS	5
Civilian Labor Force: Women: 16-19 Yrs (SA, Thous)	BLS	5
Civilian Labor Force: Women: 20-24 Yrs Women (SA, Thous)	BLS	5
Civilian Labor Force: Women: 25-54 Yrs (SA, Thous)	BLS	5
Civilian Labor Force: Women: 55 Yrs & Over (SA, Thous)	BLS	5
Civilian Labor Force: Married Men (SA, Thous)	BLS	5
Civilian Labor Force: Married Women (SA, Thous)	BLS	5
Labor Force: 25 Yrs & Over: Less than H.S. Diploma (SA, Thous)	BLS	5
Labor Force: 25 Yrs & Over: H.S. Graduates, No College (SA, Thous)	BLS	5
Labor Force: 25 Yrs & Over: Some College/Less than Bachelor's Degree(SA, Thous)	BLS	5
Labor Force: 25 Yrs & Over: College Graduates (SA, Thous)	BLS	5
Labor Force Participation Rate: Men: 16-19 Yrs (SA, %)	BLS	5
Labor Force Participation Rate: Men: 20-24 Yrs (SA, %)	BLS	5
Labor Force Participation Rate: Men: 25-54 Yrs (SA, %)	BLS	5
Labor Force Participation Rate: Men: 55 Yrs & Over (SA, %)	BLS	5
Labor Force Participation Rate: Women: 16-19 Yrs (SA, %)	BLS	5
Labor Force Participation Rate: Women: 20-24 Yrs (SA, %)	BLS	5
Labor Force Participation Rate: Women: 25-54 Yrs (SA, %)	BLS	5
Labor Force Particip Rate: 25 Yrs/Over: Less than H.S. Diploma (SA,%)	BLS	5
Labor Force Particip Rate: 25 Yrs/Over: H.S. Grad, No College (SA, %)	BLS	5
Labor Force Partic Rate: 25 Yrs/Over: Some College/Less than Bachelor Deg(SA,%)	BLS	5
Labor Force Particip Rate: 25 Yrs & Over: College Graduates (SA, %)	BLS	5
Employed: Men: 16-19 Yrs (SA, Thous)	BLS	5
Employed: Men: 20-24 Yrs (SA, Thous)	BLS	5
Employed: Men: 25-54 Yrs (SA, Thous)	BLS	5
Employed: Men: 55 Yrs & Over (SA, Thous)	BLS	5
Employed: Women: 16-19 Yrs (SA, Thous)	BLS	5
Employed: Women: 20-24 Yrs (SA, Thous)	BLS	5
Employed: Women: 25-54 Yrs (SA, Thous)	BLS	5
Employed: Women: 55 Yrs & Over (SA, Thous)	BLS	5
Employed: Married Men (SA, Thous)	BLS	5
Employed: Married Women (SA, Thous)	BLS	5
Employed: Less than H.S. Diploma: 25 Yrs & Over (SA, Thous)	BLS	5
Employed: H.S. Graduates with No College: 25 Yrs & Over (SA, Thous)	BLS	5
Employed: Some Collegeess than Bachelor's Degree: 25 Yrs & Over (SA, Thous)	BLS	5
Employed: College Graduates: 25 Yrs & Over (SA, Thous)	BLS	5
Employed: Part-Time/Economic Reasons: All Industries (SA, Thous)	BLS	5

Continued on next page

Employment– continued from previous page

Series	Source	TCode
Employed: At Work Part-Time: Usually Pt-Time/Nonecon Reas: All Indus(SA, Thous)	BLS	5
Employment: Nonagriculture: Wage & Salary Workers: Men (SA, Thous)	BLS	5
Employment: Nonagriculture: Wage & Salary Workers: Women (SA, Thous)	BLS	5
Employed: Nonagricultural Industries: Self-Employed (SA, Thous)	BLS	5
Employed: Employed Full-Time Workers: Men: (SA, Thous)	BLS	5
Employed: Employed Part-Time: Men: (SA, Thous)	BLS	5
Employed: Employed Full-Time Workers: Women: (SA, Thous)	BLS	5
Employed: Employed Part-Time: Women: (SA, Thous)	BLS	5
Employment: Construction Industry: Men (SA, Thous)	BLS	5
Employment: Education Services: Men (SA, Thous)	BLS	5
Employment: Arts, Entertainment, Recreation Industries: Men (SA, Thous)	BLS	5
Employment: Retail Trade: Men (SA, Thous)	BLS	5
Employment: Construction Industry: Women (SA, Thous)	BLS	5
Employment: Education Services: Women (SA, Thous)	BLS	5
Employment: Arts, Entertainment, Recreation Industries: Women (SA, Thous)	BLS	5
Employment: Retail Trade: Women (SA, Thous)	BLS	5
Employment-Population Ratio: Men: 16-19 Yrs (SA, %)	BLS	5
Employment-Population Ratio: Men: 20-24 Yrs (SA, %)	BLS	5
Employment-Population Ratio: Men: 25-54 Yrs (SA, %)	BLS	5
Employment-Population Ratio: Men: 55 Yrs & Over (SA, %)	BLS	5
Employment-Population Ratio: Women: 16-19 Yrs (SA, %)	BLS	5
Employment-Population Ratio: Women: 20-24 Yrs (SA, %)	BLS	5
Employment-Population Ratio: Women: 25-54 Yrs (SA, %)	BLS	5
Employment-Population Ratio: Women: 55 Yrs & Over (SA, %)	BLS	5
Employment-Population Ratio: 25 Yrs & Over: Less than H.S. Diploma(SA, %)	BLS	5
Employment-Population Ratio: 25 Yrs & Over: H.S. Grads/No College (SA, %)	BLS	5
Employment-Pop Ratio: 25 Yrs/Over: Some College/Less than Bachelor Deg (SA, %)	BLS	5
Employment-Population Ratio: 25 Yrs & Over: College Graduates (SA, %)	BLS	5
Unemployment Rate: Men: 16-19 Yrs (SA, %)	BLS	5
Unemployment Rate: Men: 20-24 Yrs (SA, %)	BLS	5
Unemployment Rate: Men: 25-54 Yrs (SA, %)	BLS	5
Unemployment Rate: Men: 55 Yrs & Over (SA, %)	BLS	5
Unemployment Rate: Women: 16-19 Yrs (SA, %)	BLS	5
Unemployment Rate: Women: 20-24 Yrs (SA, %)	BLS	5
Unemployment Rate: Women: 25-54 Yrs (SA, %)	BLS	5
Unemployment Rate: 25 Yrs/Over: Less than High School Diploma (SA, %)	BLS	5
Unemployment Rate: 25 Yrs/Over: High School Graduate, No College(SA, %)	BLS	5
Unemployment Rate: 25 Yrs/Over: Some College, Less than Bachelor Deg(SA, %)	BLS	5
Unemployment Rate: 25 Yrs/Over: Bachelor Degree & Higher (SA, %)	BLS	5
Unemployment Rate: Full-Time Workers: Men (SA, %)	BLS	5
Unemployment Rate: Part-Time Workers: Men (SA, %)	BLS	5
Unemployment Rate: Full-Time Workers: Women (SA, %)	BLS	5
Unemployment Rate: Part-Time Workers: Women (SA, %)	BLS	5
Unemployment Rate: Married Men (SA, %)	BLS	5

Continued on next page

Employment– continued from previous page

Series	Source	TCode
Unemployment Rate: Married Women (SA, %)	BLS	5
Unemployment Rate: Job Losers / Finished Temporary Job (SA, %)	BLS	5
Unemployment Rate: Job Leavers [Quit Job] (SA, %)	BLS	5
Unemployment Rate:Labor Force Reentrants (SA, %)	BLS	5
Unemployment Rate:Labor Force New Entrants (SA, %)	BLS	5
Unemployment Rate: Unemployed 15 Weeks & Over [% of Civilian Labor Force](SA, %)	BLS	5
Not in Labor Force: Men (SA, Thous)	BLS	5
Not in Labor Force: Women (SA, Thous)	BLS	5
All Employees: Natural Resources and Mining (SA, Thous)	BLS	5
All Employees: Construction (SA, Thous)	BLS	5
All Employees: Wood Products (SA, Thous)	BLS	5
All Employees: Nonmetallic Mineral Product Manufacturing (SA, Thous)	BLS	5
All Employees: Primary Metal Manufacturing (SA, Thous)	BLS	5
All Employees: Fabricated Metal Product Manufacturing (SA, Thous)	BLS	5
All Employees: Machinery Manufacturing (SA, Thous)	BLS	5
All Employees: Computer & Electronic Product Manufacturing (SA, Thous)	BLS	5
All Employees: Electrical Equipment and Appliance Mfg (SA, Thous)	BLS	5
All Employees: Transportation Equipment Manufacturing (SA, Thous)	BLS	5
All Employees: Furniture and Related Product Manufacturing (SA, Thous)	BLS	5
All Employees: Miscellaneous Manufacturing (SA, Thous)	BLS	5
All Employees: Food Manufacturing (SA, Thous)	BLS	5
All Employees: Beverage and Tobacco Products (SA, Thous)	BLS	5
All Employees: Textile Mills (SA, Thous)	BLS	5
All Employees: Textile Product Mills (SA, Thous)	BLS	5
All Employees: Apparel Manufacturing (SA, Thous)	BLS	5
All Employees: Leather and Allied Products (SA, Thous)	BLS	5
All Employees: Paper Manufacturing (SA, Thous)	BLS	5
All Employees: Printing and Related Support Activities (SA, Thous)	BLS	5
All Employees: Petroleum and Coal Products (SA, Thous)	BLS	5
All Employees: Chemical Manufacturing (SA, Thous)	BLS	5
All Employees: Plastics and Rubber Products (SA, Thous)	BLS	5
All Employees: Wholesale Trade (SA, Thous)	BLS	5
All Employees: Retail Trade (SA, Thous)	BLS	5
All Employees: Transportation (SA, Thous)	BLS	5
All Employees: Utilities (SA, Thous)	BLS	5
All Employees: Information (SA, Thous)	BLS	5
All Employees: Finance, Insurance & Real Estate (SA, Thous)	BLS	5
All Employees: Professional and Business Services (SA, Thous)	BLS	5
All Employees: Education and Health Services (SA, Thous)	BLS	5
All Employees: Leisure and Hospitality (SA, Thous)	BLS	5
All Employees: Other Services ex Public Administration (SA, Thous)	BLS	5
All Employees: State Government (SA, Thous)	BLS	5
All Employees: Local Government (SA, Thous)	BLS	5
Avg Wkly Earnings: Natural Resources and Mining (SA, $/wk)	BLS	5

Continued on next page

Employment– continued from previous page

Series	Source	TCode
Avg Wkly Earnings: Construction (SA, $/wk)	BLS	5
Avg Wkly Earnings: Durable Goods (SA, $/wk)	BLS	5
Avg Wkly Earnings: Nondurable Goods (SA, $/wk)	BLS	5
Avg Wkly Earnings: Wholesale Trade (SA, $/wk)	BLS	5
Avg Wkly Earnings: Retail Trade (SA, $/wk)	BLS	5
Avg Wkly Earnings: Transportation and Warehousing (SA, $/wk)	BLS	5
Avg Wkly Earnings: Utilities (SA, $/wk)	BLS	5
Avg Wkly Earnings: Information (SA, $/wk)	BLS	5
Avg Wkly Earnings: Finance, Insurance & Real Estate (SA, $/wk)	BLS	5
Avg Wkly Earnings: Professional and Business Services (SA, $/wk)	BLS	5
Avg Wkly Earnings: Education and Health Services (SA, $/wk)	BLS	5
Avg Wkly Earnings: Leisure and Hospitality (SA, $/wk)	BLS	5
Avg Wkly Earnings: Other Services ex Public Administration (SA, $/wk)	BLS	5
Avg Wkly Hours: Natural Resources and Mining (SA, Hours)	BLS	2
Avg Wkly Hours: Construction (SA, Hours)	BLS	2
Avg Wkly Hours: Wood Products (SA, Hours)	BLS	2
Avg Wkly Hours: Nonmetallic Mineral Product Manufacturing (SA, Hours)	BLS	2
Avg Wkly Hours: Primary Metal Manufacturing (SA, Hours)	BLS	2
Avg Wkly Hours: Fabricated Metal Product Manufacturing (SA, Hours)	BLS	2
Avg Wkly Hours: Machinery Manufacturing (SA, Hours)	BLS	2
Avg Wkly Hours: Computer & Electronic Product Manufacturing (SA, Hours)	BLS	2
Avg Wkly Hours: Electrical Equipment and Appliance Mfg (SA, Hours)	BLS	2
Avg Wkly Hours: Production Workers: Motor Vehicles & Parts (SA, Hours)	BLS	2
Avg Wkly Hours: Furniture and Related Product Manufacturing (SA, Hours)	BLS	2
Avg Wkly Hours: Miscellaneous Manufacturing (SA, Hours)	BLS	2
Avg Wkly Hours: Food Manufacturing (SA, Hours)	BLS	2
Avg Wkly Hours: Beverage and Tobacco Products (SA, Hours)	BLS	2
Avg Wkly Hours: Textile Mills (SA, Hours)	BLS	2
Avg Wkly Hours: Textile Product Mills (SA, Hours)	BLS	2
Avg Wkly Hours: Apparel Manufacturing (SA, Hours)	BLS	2
Avg Wkly Hours: Leather and Allied Products (SA, Hours)	BLS	2
Avg Wkly Hours: Paper Manufacturing (SA, Hours)	BLS	2
Avg Wkly Hours: Printing and Related Support Activities (SA, Hours)	BLS	2
Avg Wkly Hours: Petroleum and Coal Products (SA, Hours)	BLS	2
Avg Wkly Hours: Chemical Manufacturing (SA, Hours)	BLS	2
Avg Wkly Hours: Plastics and Rubber Products (SA, Hours)	BLS	2
Avg Wkly Hours: Wholesale Trade (SA, Hours)	BLS	2
Avg Wkly Hours: Retail Trade (SA, Hours)	BLS	2
Avg Wkly Hours: Transportation and Warehousing (SA, Hours)	BLS	2
Avg Wkly Hours: Utilities (SA, Hours)	BLS	2
Avg Wkly Hours: Information (SA, Hours)	BLS	2
Avg Wkly Hours: Finance, Insurance & Real Estate (SA, Hours)	BLS	2
Avg Wkly Hours: Professional and Business Services (SA, Hours)	BLS	2
Avg Wkly Hours: Education and Health Services (SA, Hours)	BLS	2

Continued on next page

Employment– continued from previous page

Series	Source	TCode
Avg Wkly Hours: Leisure and Hospitality (SA, Hours)	BLS	2
Avg Wkly Hours: Other Services ex Public Administration (SA, Hours)	BLS	2

[1]BLS: Bureau of Labor Statistics

Table A.3: Demand

Series	Source [1]	TCode
Domestic Car Retail Sales (SAAR, Mil. Units)	AC	5
Domestic Light Truck Retail Sales (SAAR, Mil. Units)	AC	5
Imported Car Retail Sales (SAAR, Mil. Units)	AC	5
Imported Light Truck Retail Sales (SAAR, Mil. Units)	AC	5
Retail Sales: Motor Vehicle Dealers (SA, Mil.$)	CEN	5
Retail Sales: Automotive Parts, Acc & Tire Stores (SA, Mil.$)	CEN	5
Retail Sales: Furniture & Home Furnishing Stores (SA, Mil.$)	CEN	5
Retail Sales: Electronics & Appliance Stores (SA, Mil.$)	CEN	5
Retail Sales: Building Materials, Garden Equipment & Supply Dealers (SA, Mil.$)	CEN	5
Retail Sales: Grocery Stores (SA, Mil.$)	CEN	5
Retail Sales: Beer, Wine & Liquor Stores (SA, Mil.$)	CEN	5
Retail Sales: Health & Personal Care Stores (SA, Mil.$)	CEN	5
Retail Sales: Gasoline Stations (SA, Mil.$)	CEN	5
Retail Sales: Clothing Stores (SA, Mil.$)	CEN	5
Retail Sales: Shoe Stores (SA, Mil.$)	CEN	5
Retail Sales: Jewelry Stores (SA, Mil.$)	CEN	5
Retail Sales: Sporting Goods, Hobby, Book & Music Stores (SA, Mil.$)	CEN	5
Retail Sales: General Merchandise Stores (SA, Mil.$)	CEN	5
Retail Sales: Miscellaneous Stores Retailers (SA, Mil.$)	CEN	5
Retail Sales: Electronic Shopping & Mail Order Houses (SA, Mil.$)	CEN	5
Retail Sales: Fuel Dealers (SA, Mil.$)	CEN	5
Retail Sales: Food Services & Drinking Places (SA, Mil.$)	CEN	5
Retail Inventories: Motor Vehicle & Parts Dealers (EOP, SA, Mil.$)	CEN	5
Retail Inventories: Furniture/Home Furnish/Electron/Appl Stores (EOP,SA, Mil.$)	CEN	5
Retail Inventories: Building Mat., Garden Equip & Supply Stores (EOP,SA, Mil.$)	CEN	5
Retail Inventories: Food and Beverage Stores (EOP, SA, Mil.$)	CEN	5
Retail Inventories: Clothing & Accessory Stores (EOP, SA, Mil.$)	CEN	5
Retail Inventories: Gen Merchandise Stores (EOP, SA, Mil.$)	CEN	5
Inv/Sales Ratios: Retail: Motor Vehicle & Parts Dealers (SA)	CEN	2
Inv/Sales Ratios: Retail: Furniture/Home Furnish/Electron/Appl Stores (SA)	CEN	2
Inv/Sales Ratios: Retail: Building Mat., Garden Equip & Supply Stores (SA)	CEN	2
Inv/Sales Ratios: Retail: Food and Beverage Stores (SA)	CEN	2
Inv/Sales Ratios: Retail: Clothing & Accessory Stores (SA)	CEN	2
Inv/Sales Ratios: Retail: Gen Merchandise Stores (SA)	CEN	2
Merchant Wholesalers: Sales: Automotive (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Furniture (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Lumber (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Professional Equipment (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Metals (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Electrical (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Hardware (SA, Mil.$)	CEN	5

Continued on next page

Demand– continued from previous page

Series	Source	TCode
Merchant Wholesalers: Sales: Misc. Durable Goods (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Machinery (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Paper (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Drugs (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Apparel (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Groceries (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Farm-Products (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Chemicals (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Petroleum (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Alcohol (SA, Mil.$)	CEN	5
Merchant Wholesalers: Sales: Misc. Nondurable Goods (SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Automotive (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Furniture (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Lumber (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Professional Equipment (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Metals (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Electrical (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Hardware (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Machinery (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Misc. Durable Goods (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Paper (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Drugs (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Apparel (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Groceries (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Farm-Products (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Chemicals (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Petroleum (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Alcohol (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventories: Misc. Nondurable Goods (EOP, SA, Mil.$)	CEN	5
Merchant Wholesalers: Inventory/Sales Ratio: Automotive (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Furniture (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Lumber (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Professional Equipment (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Metals (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Electrical (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Hardware (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Machinery (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Misc. Durable Goods (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Paper (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Drugs (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Apparel (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Groceries (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Farm-Products (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Chemicals (SA)	CEN	2

Continued on next page

Demand– continued from previous page

Series	Source	TCode
Merchant Wholesalers: Inventory/Sales Ratio: Petroleum (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Alcohol (SA)	CEN	2
Merchant Wholesalers: Inventory/Sales Ratio: Misc. Nondurable Goods (SA)	CEN	2

[1]CEN: Bureau of the Census
AC: Autodata Corporation

Table A.4: Housing

Series	Source [1]	TCode
NAR Total Existing Home Sales, Northeast (SAAR, Thous)	NAR	5
NAR Total Existing Home Sales, Midwest (SAAR, Thous)	NAR	5
NAR Total Existing Home Sales, South (SAAR, Thous)	NAR	5
NAR Total Existing Home Sales, West (SAAR, Thous)	NAR	5
Housing Starts: 1-Unit: Northeast (SAAR, Thous.Units)	CEN	5
Multi-unit Housing Starts: Northeast (SAAR, Thous.Units)	CEN	5
Housing Starts: 1-Unit: Midwest (SAAR, Thous.Units)	CEN	5
Multi-unit Housing Starts: Midwest (SAAR, Thous.Units)	CEN	5
Housing Starts: 1-Unit: South (SAAR, Thous.Units)	CEN	5
Multi-unit Housing Starts: South (SAAR, Thous.Units)	CEN	5
Housing Starts: 1-Unit: West (SAAR, Thous.Units)	CEN	5
Multi-unit Housing Starts: West (SAAR, Thous.Units)	CEN	5
Housing Completions: 1-Unit: Northeast (SAAR, Thous.Units)	CEN	5
Multi-unit Housing Completions: Northeast (SAAR, Thous.Units)	CEN	5
Housing Completions: 1-Unit: Midwest (SAAR, Thous.Units)	CEN	5
Multi-unit Housing Completions: Midwest (SAAR, Thous.Units)	CEN	5
Housing Completions: 1-Unit: South (SAAR, Thous.Units)	CEN	5
Multi-unit Housing Completions: South (SAAR, Thous.Units)	CEN	5
Housing Completions: 1-Unit: West (SAAR, Thous.Units)	CEN	5
Multi-unit Housing Completions: West (SAAR, Thous.Units)	CEN	5
Housing Units Under Construction: 1-Unit: Northeast (SA, Thous.Units, EOP)	CEN	5
Multi-unit Housing Units Under Construction: Northeast (SA, Thous.Units, EOP)	CEN	5
Housing Units Under Construction: 1-Unit: Midwest (SA, Thous.Units, EOP)	CEN	5
Multi-unit Housing Units Under Construction: Midwest (SA, Thous.Units, EOP)	CEN	5
Housing Units Under Construction: 1-Unit: South (SA, Thous.Units, EOP)	CEN	5
Multi-unit Housing Units Under Construction: South (SA, Thous.Units, EOP)	CEN	5
Housing Units Under Construction: 1-Unit: West (SA, Thous.Units, EOP)	CEN	5
Multi-unit Housing Units Under Construction: West (SA, Thous.Units, EOP)	CEN	5
New 1-Family Houses Sold: Northeast (SAAR, Thous)	CEN	5
New 1-Family Houses Sold: Midwest (SAAR, Thous)	CEN	5
New 1-Family Houses Sold: South (SAAR, Thous)	CEN	5
New 1-Family Houses Sold: West (SAAR, Thous)	CEN	5
New 1-Family Houses For Sale: United States (SA, Thous)	CEN	5

[1] NAR: National Association of Realtors
CEN: Bureau of the Census

Table A.5: Manufacturing Surveys

Series	Source [1]	TCode
Chicago FRB: Midwest Manufacturing Index (SA, 2002=100)	CHIF	2
Chicago FRB: Auto Sector Index (SA, 2002=100)	CHIF	2
Chicago FRB: Steel Sector Index (SA, 2002=100)	CHIF	2
Chicago FRB: Machinery Sector Index (SA, 2002=100)	CHIF	2
Chicago FRB: Resource Sector Index (SA, 2002=100)	CHIF	2
Phila FRB Business Outlook: General Activity, Current, Diffusion Index (SA,%)	PHLF	2
Phila FRB Business Outlook: New Orders, Current, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: Shipments, Current, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: Unfilled Orders, Current, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: Delivery Time, Current, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: Inventories, Current,Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: Prices Paid, Current, Diffusion Index (SA,%)	PHLF	2
Phila FRB Business Outlook: Prices Received, Current, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: No. of Employees, Current, Diffusion Index (SA,%)	PHLF	2
Phila FRB Business Outlook: Avg Workweek, Current, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: General Activity, Future, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: New Orders, Future, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: Shipments, Future, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: Unfilled Orders, Future, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: Delivery Time, Future, Diffusion Index (SA,%)	PHLF	2
Phila FRB Business Outlook: Inventories, Future, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: Prices Paid, Future, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: Prices Received, Future, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: No. of Employees, Future, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: Average Workweek, Future, Diffusion Index (SA, %)	PHLF	2
Phila FRB Business Outlook: Cap Expenditures, Current, Diffusion Index (SA,%)	PHLF	2
ISM Mfg: PMI Composite Index (SA, 50+ = Econ Expand)	ISM	2
ISM Mfg: New Orders Index (SA, 50+ = Econ Expand)	ISM	2
ISM Mfg: Production Index (SA, 50+ = Econ Expand)	ISM	2
ISM Mfg: Employment Index (SA, 50+ = Econ Expand)	ISM	2
ISM Mfg: Supplier Deliveries Index (SA, 50+ = Slower)	ISM	2
ISM Mfg: Inventories Index (SA, 50+ = Econ Expand)	ISM	2
ISM Mfg: Prices Index (NSA, 50+ = Econ Expand)	ISM	2
ISM Mfg: New Export Orders Index (SA, 50+ = Econ Expand)	ISM	2
ISM Mfg: Imports Index (SA, 50+ = Econ Expand)	ISM	2

[1] CHIF: Federal Reserve Bank of Chicago
PHLF: Federal Reserve Bank of Philadelphia
ISM: Institute for Supply Management