

Brave-Butters-Kelley Indexes (BBKI)

Indicators List

Transformations

LV: Level

DLV: First difference

DLN: Log first difference

YRYRL: Year-over-year log difference

Indicator	Transformation	NIPA category ¹	CFNAI category ²
ADP Nonfarm Private Payroll Employment: Construction	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Education	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Financial activities	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Healthcare	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Information	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Large businesses	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Leisure and hospitality	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Medium businesses	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Manufacturing	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Natural resources and mining	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Other Services	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Professional and business services	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Small businesses	DLN	Consumption	EU&H
ADP Nonfarm Private Payroll Employment: Trade, transportation, and utilities	DLN	Consumption	EU&H
Domestic Lightweight Auto Sales	DLN	Consumption	C&H
Imported Lightweight Auto Sales	DLN	Consumption	C&H
Autos: Real Average Consumer Expenditure per Car	DLN	Consumption	C&H
Autos: Real Average Expenditure per Domestic Car	DLN	Consumption	C&H
Autos: Real Average Expenditure per Foreign Car	DLN	Consumption	C&H
Autos: Real Average Expenditure per Car	DLN	Consumption	C&H
Retail Motor Vehicle Sales	DLN	Consumption	SO&I
American Staffing Association Staffing Index	DLN	Consumption	EU&H
Autos: Consumer Dollars as a Percent of Final Sales	DLV	Consumption	C&H
Lightweight Retail Auto Sales	DLN	Consumption	C&H
PCE: Total	DLN	Consumption	C&H
Consumer Board: Consumer Expectations	DLV	Consumption	C&H
Conference Board: Consumer Confidence	DLV	Consumption	C&H
Conference Board: Present Situation	DLV	Consumption	C&H

Indicator	Transformation	NIPA category ¹	CFNAI category ²
UofM Survey of Consumers: Current Conditions	DLV	Consumption	C&H
PCE: Durable Goods	DLN	Consumption	C&H
PCE: Furnishings and Durable Household Equipment	DLN	Consumption	C&H
Real Consumer Discretionary Spending	DLN	Consumption	P&I
PCE: Other Durable Goods	DLN	Consumption	C&H
PCE: Recreational Goods and Vehicles	DLN	Consumption	C&H
PCE: Motor Vehicles & Parts	DLN	Consumption	C&H
UofM Survey of Consumers: Consumer Expectations	DLV	Consumption	C&H
Challenger, Gray, and Christmas: Announced Job Cuts	LV	Consumption	EU&H
PCE: Nondurable Goods	DLN	Consumption	C&H
Real Consumer Nondiscretionary Spending	DLN	Consumption	P&I
PCE: Gasoline and Other Energy Goods	DLN	Consumption	C&H
PCE: Food and Beverages	DLN	Consumption	C&H
PCE: Clothing and Footwear	DLN	Consumption	C&H
PCE: Other Nondurable Goods	DLN	Consumption	C&H
PCE: Final Consumption Expenditures of Nonprofit Institutions Serving Households	DLN	Consumption	C&H
Population and Payroll-Concept Adjusted CPS Employment	DLN	Consumption	EU&H
PCE Control Group	DLN	Consumption	C&H
PCE: Services	DLN	Consumption	C&H
PCE: Healthcare Services	DLN	Consumption	C&H
UofM Survey of Consumers: Consumer Sentiment	DLV	Consumption	C&H
PCE: Food Services	DLN	Consumption	C&H
PCE: Financial Services & Insurance	DLN	Consumption	C&H
PCE: Other Services	DLN	Consumption	C&H
PCE: Recreational Services	DLN	Consumption	C&H
PCE: Housing & Utilities	DLN	Consumption	C&H
PCE: Transportation Services	DLN	Consumption	C&H
Texas Retail Sector Outlook Survey: General Business Activity, Current	LV	Consumption	SO&I
Texas Retail Sector Outlook Survey: General Business Activity, Future	LV	Consumption	SO&I
Conference Board: Jobs Plentiful minus Jobs Hard to Get	LV	Consumption	C&H
Electric Utility Output Index	DLN	Consumption	P&I
Retail Food Services Sales	DLN	Consumption	SO&I
Motor Vehicle and Jet Fuel Consumption	DLN	Consumption	SO&I
IP: Consumer Energy Products	DLN	Consumption	C&H
IP: Fuels	DLN	Consumption	C&H

Indicator	Transformation	NIPA category ¹	CFNAI category ²
IP: Residential Utilities	DLN	Consumption	C&H
Employment: Logging	DLN	Consumption	EU&H
Employment: Construction	DLN	Consumption	EU&H
Employment: Durable Goods Manufacturing	DLN	Consumption	EU&H
Employment: Education & Health Services	DLN	Consumption	EU&H
Employment: Financial Activities	DLN	Consumption	EU&H
Employment: Goods-producing	DLN	Consumption	EU&H
Employment: Government	DLN	Consumption	EU&H
Employment: Information Services	DLN	Consumption	EU&H
Employment: Leisure & Hospitality	DLN	Consumption	EU&H
Employment: Manufacturing	DLN	Consumption	EU&H
Employment: Mining	DLN	Consumption	EU&H
Employment: Total Nonfarm	DLN	Consumption	EU&H
Employment: Nondurable Goods Manufacturing	DLN	Consumption	EU&H
Employment: Professional & Business Services	DLN	Consumption	EU&H
Employment: Retail Trade	DLN	Consumption	EU&H
Employment: Private Service-providing	DLN	Consumption	EU&H
Employment: Other Services	DLN	Consumption	EU&H
Employment: Transportation & Warehousing	DLN	Consumption	EU&H
Employment: Trade, Transportation & Utilities	DLN	Consumption	EU&H
Employment: Utilities	DLN	Consumption	EU&H
Employment: Wholesale Trade	DLN	Consumption	EU&H
Labor Cost Per Unit of Output: Manufacturing	DLN	Consumption	EU&H
Initial Unemployment Insurance Claims	DLN	Consumption	EU&H
Civilian Employment	DLN	Consumption	EU&H
Average Hourly Earnings: Prod & Nonsupervisory, Construction	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Durable Goods Manufacturing	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Education & Health Services	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Financial Activities	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Goods-producing industries	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Information Services	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Leisure & Hospitality	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Manufacturing	DLN	Consumption	P&I
Civilian Employment: Nonagricultural	DLN	Consumption	EU&H

Indicator	Transformation	NIPA category ¹	CFNAI category ²
Average Hourly Earnings: Prod & Nonsupervisory, Nondurable Goods Manufacturing	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Mining & Logging	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Professional & Business Services	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Private Industries	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Service-providing Industries	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Retail Trade	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Other Services	DLN	Consumption	P&I
Average Hourly Earnings: All Employees, Private Industries	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Transportation & Warehousing	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Trade, Transportation & Utilities	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Utilities	DLN	Consumption	P&I
Average Hourly Earnings: Prod & Nonsupervisory, Wholesale Trade	DLN	Consumption	P&I
Civilian Labor Force	DLN	Consumption	EU&H
Index of Help-Wanted Advertising/Job Openings	DLN	Consumption	EU&H
Ratio of Help-Wanted Advertising/Job Openings to Number of Unemployed	DLN	Consumption	EU&H
JOLTS: Hires Rate	DLV	Consumption	EU&H
Aggregate Weekly Hours: Prod & Nonsupervisory, Private Industries	DLN	Consumption	EU&H
Continuing Unemployment Insurance Claims	DLN	Consumption	EU&H
JOLTS: Job Openings Rate	DLV	Consumption	EU&H
JOLTS: Layoffs and Discharges Rate	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Durable Goods Manufacturing Overtime	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Manufacturing Overtime	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Nondurable Goods Manufacturing Overtime	DLV	Consumption	EU&H
JOLTS: Other Separations Rate	DLV	Consumption	EU&H
Participation Rate: Total	DLV	Consumption	EU&H
Participation Rate: 25-54	DLV	Consumption	EU&H
Participation Rate: Men, 25-54	DLV	Consumption	EU&H
Participation Rate: Women, 25-54	DLV	Consumption	EU&H
Civilian Employment/Noninstitutional Population	DLV	Consumption	EU&H
Civilian Employment 25-54/Noninstitutional Population 25-54	DLV	Consumption	EU&H
Civilian Employment Men 25-54/Noninstitutional Population Men 25-54	DLV	Consumption	EU&H
JOLTS: Quits Rate	DLV	Consumption	EU&H

Indicator	Transformation	NIPA category ¹	CFNAI category ²
Civilian Employment Women 25-54/Noninstitutional Population Women 25-54	DLV	Consumption	EU&H
Unemployment Rate: Total	DLV	Consumption	EU&H
U1 Unemployment Rate	DLV	Consumption	EU&H
U2 Unemployment Rate	DLV	Consumption	EU&H
Unemployment Rate: 25-54	DLV	Consumption	EU&H
U4 Unemployment Rate	DLV	Consumption	EU&H
U5 Unemployment Rate	DLV	Consumption	EU&H
U6 Unemployment Rate	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Construction	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Durable Goods Manufacturing	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Education & Health Services	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Financial Ac- tivities	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Goods- producing industries	DLV	Consumption	EU&H
Average Weekly Insured Unemployment Rate	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Information Ser- vices	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Leisure & Hos- pitality	DLV	Consumption	EU&H
Unemployment Rate: Men, 25-54	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Manufacturing	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Nondurable Goods Manufacturing	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Mining & Log- ging	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Professional & Business Services	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Private Indus- tries	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Service- providing Industries	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Retail Trade	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Other Services	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Transportation & Warehousing	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Trade, Trans- portation & Utilities	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Utilities	DLV	Consumption	EU&H
Unemployment Rate: Women, 25-54	DLV	Consumption	EU&H
Average Weekly Hours: Prod & Nonsupervisory, Wholesale Trade	DLV	Consumption	EU&H
Job Losers on Temporary Layoff/Civilian Labor Force	DLV	Consumption	EU&H
Job Losers on Permanent Layoff/Civilian Labor Force	DLV	Consumption	EU&H

Indicator	Transformation	NIPA category ¹	CFNAI category ²
JOLTS: Total Separations Rate	DLV	Consumption	EU&H
Civilians Unemployed for Less than 5 Weeks	DLN	Consumption	EU&H
Civilians Unemployed for 15-26 Weeks	DLN	Consumption	EU&H
Civilians Unemployed for 5-14 Weeks	DLN	Consumption	EU&H
Average Duration of Unemployment	DLV	Consumption	EU&H
Persons Unemployed	DLN	Consumption	EU&H
Median Duration of Unemployment	DLV	Consumption	EU&H
Civilians Unemployed for More than 15 Weeks	DLN	Consumption	EU&H
Civilians Unemployed for More than 27 Weeks	DLN	Consumption	EU&H
Natural Gas Storage: US Lower 48	DLN	Consumption	P&I
Retail Sales: Northeast	DLN	Consumption	C&H
Retail Sales: Midwest	DLN	Consumption	C&H
Retail Sales: South	DLN	Consumption	C&H
Retail Sales: West	DLN	Consumption	C&H
Retail & Food Services Sales	DLN	Consumption	C&H
Persons Employed Part-time for Economic Reasons/Civilian Labor Force	DLV	Consumption	EU&H
Persons Employed Part-time for Economic Reasons: Slack Business Conditions/Civilian Labor Force	DLV	Consumption	EU&H
Persons Employed Part-time for Economic Reasons: Could only Find Part-time Work/Civilian Labor Force	DLV	Consumption	EU&H
Restaurant Performance Index	LV	Consumption	C&H
Retail & Food Service Sales ex Auto, Gas Stations & Building Materials	DLN	Consumption	C&H
Retail Sales ex Auto, Gas Stations & Building Materials	DLN	Consumption	C&H
Retail & Food Service Sales ex Auto & Building Materials	DLN	Consumption	C&H
Retail & Food Service Sales ex Auto & Gas Stations	DLN	Consumption	C&H
Retail & Food Service Sales ex Motor Vehicle and Parts Dealers	DLN	Consumption	C&H
Retail Sales: Durable Goods	DLN	Consumption	C&H
Retail Sales: Residential Equipment	DLN	Consumption	C&H
Retail Sales	DLN	Consumption	C&H
Retail Sales: Building Materials, Garden Equipment & Supply Dealers	DLN	Consumption	C&H
Retail Sales: Nondurable Goods	DLN	Consumption	C&H
Johnson Redbook Retail Sales Index: Same-Store Sales	DLN	Consumption	C&H
Personal Savings Rate	DLV	Consumption	P&I
Domestic Lightweight Truck Sales	DLN	Consumption	C&H
Lightweight Truck Sales	DLN	Consumption	C&H
Lightweight Vehicle Sales	DLN	Consumption	C&H
Imported Lightweight Truck Sales	DLN	Consumption	C&H

Indicator	Transformation	NIPA category ¹	CFNAI category ²
Tourist Arrivals to the US from Overseas	DLN	Consumption	C&H
Wages and Salaries in Mining, Manufacturing, & Construction	DLN	Consumption	EU&H
Real Disposable Personal Income	DLN	Consumption	P&I
Real Personal Income Less Transfer Payments	DLN	Consumption	P&I
Real Personal Income	DLN	Consumption	P&I
Architecture Billings Index: Overall	LV	Investment	P&I
Architecture Billings Index: Commercial/Industrial sector	LV	Investment	P&I
Architecture Billings Index: Institutional sector	LV	Investment	P&I
Architecture Billings Index: Midwest	LV	Investment	P&I
Architecture Billings Index: Northeast	LV	Investment	P&I
Architecture Billings Index: Residential sector	LV	Investment	C&H
Architecture Billings Index: South	LV	Investment	P&I
Architecture Billings Index: West	LV	Investment	P&I
Architecture Billings Index: Mixed sectors	LV	Investment	P&I
Architecture Billings Index: Inquiries for New Work	LV	Investment	P&I
Autos: Real Average Business Expenditure per Car	DLN	Investment	P&I
Domestic Auto Inventories	DLV	Investment	SO&I
BEA Auto Production Estimate	DLN	Investment	P&I
Business New Light Vehicle Sales	DLN	Investment	SO&I
Philly Fed Mfg. Business Outlook Survey: Future Activity	LV	Investment	P&I
Philly Fed Mfg. Business Outlook Survey: Current Activity	LV	Investment	P&I
High-Propensity Business Applications	YRYRL	Investment	P&I
Cass Freight Index: Shipments	DLV	Investment	P&I
Shipments: Consumer Goods	DLN	Investment	SO&I
Shipments: Computers & Related Goods	DLN	Investment	SO&I
Shipments: Construction Materials & Supplies	DLN	Investment	SO&I
Construction Put in Place: Total	DLN	Investment	P&I
Construction Contracts	DLV	Investment	P&I
Construction Put in Place: Private Nonresidential	DLN	Investment	P&I
Shipments: Nondefense Capital Goods ex Aircraft	DLN	Investment	SO&I
Construction Put in Place: Private	DLN	Investment	P&I
Shipments: Nondefense Capital Goods	DLN	Investment	SO&I
Capacity Utilization: Mining	DLN	Investment	P&I
IP: Capacity Utilization Crude Processing	DLN	Investment	P&I
IP: Finished Processing	DLN	Investment	P&I
Capacity Utilization: Computers/Communication Equipment/Semiconductors	DLN	Investment	P&I

Indicator	Transformation	NIPA category ¹	CFNAI category ²
Capacity Utilization: Durable Goods Manufacturing	DLN	Investment	P&I
Capacity Utilization: Manufacturing	DLN	Investment	P&I
Capacity Utilization: Nondurable Goods Manufacturing	DLN	Investment	P&I
IP: Capacity Utilization Primary and Semifinished Processing	DLN	Investment	P&I
Capacity Utilization: Total	DLN	Investment	P&I
Capacity Utilization: Utilities	DLN	Investment	P&I
Texas Mfg Outlook Survey: General Business Activity, Current	LV	Investment	P&I
Texas Mfg Outlook Survey: General Business Activity, Future	LV	Investment	P&I
Texas Service Sector Outlook Survey: General Business Activity, Current	LV	Investment	SO&I
Texas Service Sector Outlook Survey: General Business Activity, Future	LV	Investment	SO&I
Shipments: Durable Goods	DLN	Investment	SO&I
Empire State Mfg: Business Conditions: Current	LV	Investment	P&I
Empire State Mfg: Business Conditions: Future	LV	Investment	P&I
Number of Households	DLN	Investment	C&H
Home Builders: Housing Market Index	DLV	Investment	C&H
Home Builders: Midwest	DLV	Investment	C&H
Home Builders: Northeast	DLV	Investment	C&H
Home Builders: South	DLV	Investment	C&H
Home Builders: Single family sales: present	DLV	Investment	C&H
Home Builders: Single family sales: next 6 months	DLV	Investment	C&H
Home Builders: Traffice of prospective buyers	DLV	Investment	C&H
Home Builders: West	DLV	Investment	C&H
New Single-Family Home Sales: Midwest	DLV	Investment	C&H
New Single-Family Home Sales: Northeast	DLV	Investment	C&H
New Single-Family Home Sales: South	DLV	Investment	C&H
New Single-Family Houses for Sale: Midwest	DLV	Investment	C&H
New Single-Family Houses for Sale: Northeast	DLV	Investment	C&H
New Single-Family Houses for Sale: South	DLV	Investment	C&H
New Single-Family Houses for Sale	DLV	Investment	C&H
New Single-Family Home Sales Value	DLN	Investment	C&H
New Single-Family Houses for Sale: West	DLV	Investment	C&H
New Single-Family Home Sales	DLV	Investment	C&H
New Single-Family Construction Home Values	DLN	Investment	C&H
New Single-Family Home Sales: West	DLV	Investment	C&H
Housing Permits: 1 unit structures	DLV	Investment	C&H
Housing Permits: Midwest	DLV	Investment	C&H

Indicator	Transformation	NIPA category ¹	CFNAI category ²
Housing Permits: Northeast	DLV	Investment	C&H
Housing Permits: South	DLV	Investment	C&H
Housing Permits	DLV	Investment	C&H
Housing Permits: 5 or more unit structures	DLV	Investment	C&H
Housing Permits: West	DLV	Investment	C&H
Mobile Home Shipments	DLV	Investment	C&H
Mobile Home Values	DLN	Investment	C&H
Housing Starts	DLV	Investment	C&H
Housing Starts: 1 unit structures	DLV	Investment	C&H
Housing Starts: 5 or more unit structures	DLV	Investment	C&H
Housing Starts: Midwest	DLV	Investment	C&H
Housing Starts: Northeast	DLV	Investment	C&H
Housing Starts: South	DLV	Investment	C&H
Housing Starts: West	DLV	Investment	C&H
IP: Motor Vehicle Assemblies	DLN	Investment	P&I
IP: Real Gross Value of Consumer Products	DLN	Investment	P&I
IP: Real Gross Value of Consumer Durable Products	DLN	Investment	P&I
IP: Real Gross Value of Automotive Products	DLN	Investment	P&I
IP: Real Gross Value of Other Consumer Durable Goods	DLN	Investment	P&I
IP: Real Gross Value of Consumer Nondurable Products	DLN	Investment	P&I
IP: Real Gross Value of Equipment	DLN	Investment	P&I
IP: Real Gross Value of Business Equipment	DLN	Investment	P&I
IP: Real Gross Value of Defense & Space Equipment	DLN	Investment	P&I
IP: Real Gross Value of Nonindustrial Supplies	DLN	Investment	P&I
IP: Real Gross Value of Construction Supplies	DLN	Investment	P&I
IP: Real Gross Value of Business Supplies	DLN	Investment	P&I
IP: Real Gross Value of Commercial Energy Products	DLN	Investment	P&I
IP: Real Gross Value of Final Products	DLN	Investment	P&I
IP: Real Gross Value of Total Products	DLN	Investment	P&I
IP: Total	DLN	Investment	P&I
IP: Consumer Goods	DLN	Investment	P&I
IP: Durable Consumer Goods	DLN	Investment	P&I
IP: Nondurable Consumer Goods	DLN	Investment	P&I
IP: Business Equipment	DLN	Investment	P&I
IP: Defense & Space Equipment	DLN	Investment	P&I
IP: Materials	DLN	Investment	P&I

Indicator	Transformation	NIPA category ¹	CFNAI category ²
IP: Durable Goods Materials	DLN	Investment	P&I
IP: Nonenergy Materials	DLN	Investment	P&I
IP: Nondurable Goods Materials	DLN	Investment	P&I
IP: Energy Materials	DLN	Investment	P&I
IP: Nonindustrial Supplies	DLN	Investment	P&I
IP: Construction Supplies	DLN	Investment	P&I
IP: Business Supplies	DLN	Investment	P&I
IP: Mining	DLN	Investment	P&I
IP: Oil & Gas Well Drilling	DLN	Investment	P&I
IP: Commercial Energy Products	DLN	Investment	P&I
IP: Crude Processing	DLN	Investment	P&I
IP: Total Equipment	DLN	Investment	P&I
IP: Finished Processing	DLN	Investment	P&I
IP: Final Products	DLN	Investment	P&I
IP: Computers, Communications Equipment, and Semiconductors	DLN	Investment	P&I
IP: Durable Goods Manufacturing	DLN	Investment	P&I
IP: Manufacturing	DLN	Investment	P&I
IP: Nondurable Goods Manufacturing	DLN	Investment	P&I
IP: Energy	DLN	Investment	P&I
IP: Nonenergy	DLN	Investment	P&I
IP: Primary and Semifinished Processing	DLN	Investment	P&I
IP: Final Products & Nonindustrial Supplies	DLN	Investment	P&I
IP: Electric & Gas Utilities	DLN	Investment	P&I
ISM Chicago: Composite	LV	Investment	P&I
ISM Milwaukee: Composite	LV	Investment	P&I
I/S Ratio: Total Business	DLN	Investment	SO&I
I/S Ratio: Manufacturing	DLN	Investment	SO&I
I/S Ratio: Retail Trade	DLN	Investment	SO&I
I/S Ratio: Retail Trade ex. Motor Vehicle & Part Dealers	DLN	Investment	SO&I
I/S Ratio: Merchant Wholesale Trade	DLN	Investment	SO&I
Transportation Services Index	DLN	Investment	SO&I
Transportation Services Index: Freight	DLN	Investment	SO&I
Transportation Services Index: Passenger	DLN	Investment	SO&I
Shipments: Information Technology	DLN	Investment	SO&I
Kansas City Fed Mfg: Composite, vs. Last Month	LV	Investment	P&I
Kansas City Fed Mfg: Composite, Next 6 Months	LV	Investment	P&I

Indicator	Transformation	NIPA category ¹	CFNAI category ²
Real Aggregate Payrolls of Residential Remodelers	DLN	Investment	EU&H
Employment: Construction of Residential Buildings	DLN	Investment	EU&H
Employment: Computer Systems Design & Related Services	DLN	Investment	EU&H
Employment: Professional & Technical Services	DLN	Investment	EU&H
Business Share of Lightweight Truck Sales	DLV	Investment	P&I
New Orders: Durable Goods	DLN	Investment	SO&I
Mid-America Business Conditions Index	LV	Investment	P&I
New Orders: Consumer Goods	DLN	Investment	SO&I
New Orders: Consumer Goods & Materials	DLN	Investment	SO&I
New Orders: Nondefense Capital Goods	DLN	Investment	SO&I
New Orders: Construction Materials & Supplies	DLN	Investment	SO&I
New Orders: Information Technology	DLN	Investment	SO&I
ISM Manufacturing: Composite	LV	Investment	P&I
ISM Manufacturing: Employment	LV	Investment	EU&H
ISM Manufacturing: Inventories	LV	Investment	SO&I
ISM Manufacturing: New Orders	LV	Investment	SO&I
ISM Manufacturing: Production	LV	Investment	P&I
ISM Nonmanufacturing: Composite	LV	Investment	P&I
ISM Nonmanufacturing: Business Activity	LV	Investment	P&I
ISM: Nonmanufacturing: Order Backlogs	LV	Investment	SO&I
ISM Nonmanufacturing: Supplier Deliveries	LV	Investment	SO&I
ISM Nonmanufacturing: Employment	LV	Investment	EU&H
ISM Nonmanufacturing: Export Orders	LV	Investment	P&I
ISM Nonmanufacturing: Inventories	LV	Investment	SO&I
ISM Nonmanufacturing: Imports	LV	Investment	P&I
ISM Nonmanufacturing: New Orders	LV	Investment	SO&I
ISM Manufacturing: Supplier Deliveries	LV	Investment	SO&I
Construction Put in Place: New Residential	DLN	Investment	C&H
Construction Put in Place: New Residential Single-Family	DLN	Investment	C&H
Construction Put in Place: Residential Improvements	DLN	Investment	C&H
Construction Put in Place: New Residential Multi-Family	DLN	Investment	C&H
NFIB: Small Business Optimism Index	DLV	Investment	P&I
NFIB: Plans to Increase Employment	LV	Investment	EU&H
NFIB: Now is a Good Time To Expand	DLV	Investment	P&I
NFIB: Plans to Make Capital Outlays	DLV	Investment	SO&I
NFIB: Firms with Positions Not Able to Fill Right Now	DLV	Investment	EU&H

Indicator	Transformation	NIPA category ¹	CFNAI category ²
NFIB: Expect Economy to Improve	DLV	Investment	P&I
NFIB: Expect Real Sales Higher	LV	Investment	SO&I
NFIB: Higher Earnings this Quarter	LV	Investment	P&I
NFIB: Current Inventory Too Low	DLV	Investment	SO&I
NFIB: Plans to Increase Inventories	LV	Investment	SO&I
New Orders: Nondefense Capital Goods ex Aircraft	DLN	Investment	SO&I
Net Shipments Nondefense Aircraft	DLV	Investment	SO&I
New Orders: All Manufacturing Industries	DLN	Investment	SO&I
Pending Home Sales: Total	DLV	Investment	C&H
Pending Home Sales: Midwest	DLV	Investment	C&H
Pending Home Sales: Northeast	DLV	Investment	C&H
Pending Home Sales: South	DLV	Investment	C&H
Pending Home Sales: West	DLV	Investment	C&H
Existing Single-Family Home Sales: Northeast	DLN	Investment	C&H
Existing Single-Family Home Sales Value	DLN	Investment	C&H
Existing Single-Family Home Sales: Midwest	DLN	Investment	C&H
Existing Single-Family Home Sales: South	DLN	Investment	C&H
Existing Single-Family Home Sales: West	DLN	Investment	C&H
US Railroad Traffic Originated: Intermodal plus Carloads	DLN	Investment	P&I
Construction Put in Place: Private Residential	DLN	Investment	C&H
Baker Hughes U.S. Active Rig Count	DLN	Investment	P&I
Richmond Fed Manufacturing Survey: Current Conditions	LV	Investment	P&I
Retail Sales: Building Materials & Supplies	DLN	Investment	SO&I
Shipments: All Manufacturing Industries	DLN	Investment	SO&I
Raw Steel Production	DLN	Investment	P&I
Raw Steel Rate of Capability Utilization	DLV	Investment	P&I
San Francisco Fed: Tech Pulse Index	DLN	Investment	P&I
Inventories: Manufacturing Durable Goods	DLN	Investment	SO&I
Inventories: Manufacturing	DLN	Investment	SO&I
Inventories: Manufacturing Nondurable Goods	DLN	Investment	SO&I
Inventories: Retail Trade	DLN	Investment	SO&I
Inventories: Manufacturing & Trade	DLN	Investment	SO&I
Inventories: Merchant Wholesale Durable Goods	DLN	Investment	SO&I
Inventories: Merchant Wholesale Trade	DLN	Investment	SO&I
Inventories: Merchant Wholesale Nondurable Goods	DLN	Investment	SO&I
I/S Ratio: Manufacturing Durable Goods	DLN	Investment	SO&I

Indicator	Transformation	NIPA category ¹	CFNAI category ²
I/S Ratio: Manufacturing	DLN	Investment	SO&I
I/S Ratio: Manufacturing Nondurable Goods	DLN	Investment	SO&I
I/S Ratio: Retail Trade	DLN	Investment	SO&I
I/S Ratio: Manufacturing & Trade	DLN	Investment	SO&I
I/S Ratio: Merchant Wholesale Durable Goods	DLN	Investment	SO&I
I/S Ratio: Merchant Wholesale Trade	DLN	Investment	SO&I
I/S Ratio: Merchant Wholesale Nondurable Goods	DLN	Investment	SO&I
Heavy Truck Sales	DLN	Investment	P&I
Sales: Manufacturing Durable Goods	DLN	Investment	SO&I
Manufacturing Machinery & Equipment Sales plus Business Construction Spending	DLN	Investment	P&I
Sales: Manufacturing	DLN	Investment	SO&I
Sales: Manufacturing Nondurable Goods	DLN	Investment	SO&I
Sales: Retail Trade	DLN	Investment	SO&I
Sales: Manufacturing & Trade	DLN	Investment	SO&I
Sales: Merchant Wholesale Durable Goods	DLN	Investment	SO&I
Sales: Merchant Wholesale Trade	DLN	Investment	SO&I
Sales: Merchant Wholesale Nondurable Goods	DLN	Investment	SO&I
Unfilled Orders: Nondefense Capital Goods	DLN	Investment	SO&I
Unfilled Orders: Consumer Goods	DLN	Investment	SO&I
Unfilled Orders: Construction Materials & Supplies	DLN	Investment	SO&I
Unfilled Orders: Durable Goods	DLN	Investment	SO&I
Unfilled Orders: Information Technology	DLN	Investment	SO&I
Unfilled Orders: Nondefense Capital Goods ex Aircraft	DLN	Investment	SO&I
Existing Houses For Sale	DLV	Investment	C&H
Existing Condos and Co-ops Sales	DLN	Investment	C&H
Existing Condos and Co-ops For Sale	DLV	Investment	C&H
Existing Single-Family Home Sales	DLN	Investment	C&H
Existing Single-Family Houses For Sale	DLV	Investment	C&H
Construction Put in Place: Public	DLN	Other	P&I
Construction Put in Place: Federal	DLN	Other	P&I
Construction Put in Place: State & Local	DLN	Other	P&I
Net Imports of Crude Oil & Petroleum Products	DLV	Other	P&I
Real Exports of Computers & Accessories	DLN	Other	P&I
Real Exports of Core Capital Goods	DLN	Other	P&I
Real Exports of Goods	DLN	Other	P&I
Exports of Domestic Agriculture Products	DLN	Other	P&I

Indicator	Transformation	NIPA category ¹	CFNAI category ²
Exports Excluding Military Aid Shipments	DLN	Other	P&I
Real Imports of Goods	DLN	Other	P&I
Imports of Automobiles & Parts	DLN	Other	P&I
Real Imports of Computers & Accessories	DLN	Other	P&I
Real Imports of Core Capital Goods	DLN	Other	P&I
Employment: Department of Defense	DLN	Other	EU&H
Employment: Federal Government	DLN	Other	EU&H
Employment: State & Local Government	DLN	Other	EU&H
New Orders: Defense Capital Goods	DLN	Other	SO&I
Shipments: Defense Capital Goods	DLN	Other	SO&I
Unfilled Orders: Defense Capital Goods	DLN	Other	SO&I
ISM Manufacturing: New Export Orders	LV	Other	P&I
ISM Manufacturing; Imports	LV	Other	P&I
Real Exports of Goods and Services	DLN	Other	P&I
Real Exports Automotive	DLN	Other	P&I
Real Exports of Other Business Services	DLN	Other	P&I
Real Exports Consumer Goods ex. Auto	DLN	Other	P&I
Real Exports Capital Goods ex. Auto	DLN	Other	P&I
Real Exports Foods, Feeds, & Beverages	DLN	Other	P&I
Real Exports of Financial Services	DLN	Other	P&I
Real Exports of Government Goods and Services	DLN	Other	P&I
Real Exports of Insurance Services	DLN	Other	P&I
Real Exports of Charges for Use of Intellectual Property	DLN	Other	P&I
Real Exports Industrial Supplies & Materials	DLN	Other	P&I
Real Exports of Maintenance & Repair Services	DLN	Other	P&I
Real Exports Other Goods	DLN	Other	P&I
Real Exports of Travel Services	DLN	Other	P&I
Real Exports of Telecommunications, Computer, & Information Services	DLN	Other	P&I
Real Exports of Transportation Services	DLN	Other	P&I
Real Federal Outlays: Total	DLN	Other	P&I
Real Federal Outlays: Defense Spending	DLN	Other	P&I
Real Imports of Goods and Services	DLN	Other	P&I
Real Imports Automotive	DLN	Other	P&I
Real Imports of Other Business Services	DLN	Other	P&I
Real Imports Consumer Goods ex. Auto	DLN	Other	P&I
Real Imports Capital Goods ex. Auto	DLN	Other	P&I

Indicator	Transformation	NIPA category ¹	CFNAI category ²
Real Imports Foods, Feeds, & Beverages	DLN	Other	P&I
Real Imports of Financial Services	DLN	Other	P&I
Real Imports of Government Goods and Services	DLN	Other	P&I
Real Imports of Insurance Services	DLN	Other	P&I
Real Imports of Charges for Use of Intellectual Property	DLN	Other	P&I
Real Imports Industrial Supplies & Materials	DLN	Other	P&I
Real Imports of Maintenance & Repair Services	DLN	Other	P&I
Real Imports Other Goods	DLN	Other	P&I
Real Imports of Travel Services	DLN	Other	P&I
Real Imports of Telecommunications, Computer, & Information Services	DLN	Other	P&I
Real Imports of Transportation Services	DLN	Other	P&I
Real Trade Balance in Goods, Customs Value	DLV	Other	P&I
Real Exports of Services	DLN	Other	P&I
Real Imports of Services	DLN	Other	P&I
Real Balance of Trade in Goods & Services	DLV	Other	P&I
Real Wage & Salary Disbursements: Government	DLN	Other	P&I

¹ The national income and product accounts (NIPA) categories are consumption, investment, and other. The final category comprises government spending and net exports indicators, along with quarterly real gross domestic product.

² The Chicago Fed National Activity Index (CFNAI) categories are abbreviated for ease of presentation. The abbreviations stand for the following: P&I = production and income; EU&H = employment, unemployment, and hours; C&H = personal consumption and housing; and SO&I = sales, orders, and inventories.