

## MEI Indicators

Haver Mnemonics	Relative MEI		Transformation	Description	Source	Sector	State
	MEI Weights	Weights					
ILLCONSA	0.0153	0.0065	DLN	All Employees: Construction, Illinois (SA, Thous)	BLS	Construction	Illinois
ILLNRMNA	-0.0007	-0.0018	DLN	All Employees: Natural Resources/Mining, Illinois (SA, Thous)	BLS	Construction	Illinois
ILPCOAL	-0.0001	-0.0002	DLN	Bituminous & Lignite Coal Production: Illinois (Short.Tons)	EIA	Construction	Illinois
ILHST	0.0124	0.0049	LN	Housing Starts: Illinois (SAAR, Thous.Units)	COMMERCE	Construction	Illinois
ILTRUS	0.0117	0.0076	LN	Permits: New Pvt Housing Units, Illinois (SA, Units)	CENSUS	Construction	Illinois
INLCONSA	0.0179	0.0202	DLN	All Employees: Construction, Indiana (SA, Thous)	BLS	Construction	Indiana
INLNRMNA	0.0009	-0.0035	DLN	All Employees: Natural Resources/Mining, Indiana (SA, Thous)	BLS	Construction	Indiana
INPCOAL	0.0002	0.0013	DLN	Bituminous & Lignite Coal Production: Indiana (Short.Tons)	EIA	Construction	Indiana
INHST	0.0115	0.0060	LN	Housing Starts: Indiana (SAAR, Thous.Units)	COMMERCE	Construction	Indiana
INTRUS	0.0110	0.0067	LN	Permits: New Pvt Housing Units, Indiana (SA, Units)	CENSUS	Construction	Indiana
IALCONSA	0.0123	0.0172	DLN	All Employees: Construction, Iowa (SA, Thous)	BLS	Construction	Iowa
IALNRMNA	0.0015	0.0013	DLN	All Employees: Natural Resources/Mining, Iowa (SA, Thous)	BLS	Construction	Iowa
IAHST	0.0084	0.0038	LN	Housing Starts: Iowa (SAAR, Thous.Units)	COMMERCE	Construction	Iowa
IATRUS	0.0074	0.0043	LN	Permits: New Pvt Housing Units, Iowa (SA, Units)	CENSUS	Construction	Iowa
MILCONSA	0.0170	0.0168	DLN	All Employees: Construction, Michigan (SA, Thous)	BLS	Construction	Michigan
MILNRMNA	0.0072	0.0110	DLN	All Employees: Natural Resources/Mining, Michigan (SA, Thous)	BLS	Construction	Michigan
MIHST	0.0116	0.0046	LN	Housing Starts: Michigan (SAAR, Thous.Units)	COMMERCE	Construction	Michigan
MITRUS	0.0112	0.0048	LN	Permits: New Pvt Housing Units, Michigan (SA, Units)	CENSUS	Construction	Michigan
HPMMW	0.0080	0.0025	LN	Mobile Home Placements: Midwest (SAAR, Thous)	CENSUS	Construction	Regional
WILCONSA	0.0164	0.0119	DLN	All Employees: Construction, Wisconsin (SA, Thous)	BLS	Construction	Wisconsin
WILNRMNA	0.0132	0.0088	DLN	All Employees: Natural Resources/Mining, Wisconsin (SA, Thous)	BLS	Construction	Wisconsin
WIHST	0.0116	0.0055	LN	Housing Starts: Wisconsin (SAAR, Thous.Units)	COMMERCE	Construction	Wisconsin
WITRUS	0.0110	0.0082	LN	Permits: New Pvt Housing Units, Wisconsin (SA, Units)	CENSUS	Construction	Wisconsin
ILEA	0.0159	0.0143	DLN	Number Employed, Illinois (SA, Thous)	BLS	Consumer	Illinois
ILRA	-0.0157	-0.0126	DLV	Unemployment Rate, Illinois (SA, %)	BLS	Consumer	Illinois
ILLICLS	-0.0107	0.0058	DLV	Unemployment Insurance: Initial Claims Applications: Illinois (SA, Number)	DOL	Consumer	Illinois
ILYPPHQ	0.0104	0.0061	DLN	Per Capita Personal Income, Illinois (Chained.2005\$)	BEA	Consumer	Illinois
ILQSBAU	0.0027	-0.0053	DLN	NAR Existing Home Sales: 1-Fam, Condos & Co-ops, Illinois (SAAR, Thous)	REALTOR	Consumer	Illinois
INEA	0.0170	0.0142	DLN	Number Employed, Indiana (SA, Thous)	BLS	Consumer	Indiana
INRA	-0.0153	-0.0026	DLV	Unemployment Rate, Indiana (SA, %)	BLS	Consumer	Indiana
INLICLS	-0.0067	0.0134	DLV	Unemployment Insurance: Initial Claims Applications: Indiana (SA, Number)	DOL	Consumer	Indiana
INYPHQ	0.0111	0.0045	DLN	Per Capita Personal Income, Indiana (Chained.2005\$)	BEA	Consumer	Indiana
INQSBAU	0.0026	-0.0067	DLN	NAR Existing Home Sales: 1-Fam, Condos & Co-ops, Indiana (SAAR, Thous)	REALTOR	Consumer	Indiana
IAEA	0.0117	0.0131	DLN	Number Employed, Iowa (SA, Thous)	BLS	Consumer	Iowa
IARA	-0.0127	-0.0115	DLV	Unemployment Rate, Iowa (SA, %)	BLS	Consumer	Iowa
IALICLS	-0.0088	0.0009	DLV	Unemployment Insurance: Initial Claims Applications: Iowa (SA, Number)	DOL	Consumer	Iowa
IAYPPHQ	0.0069	0.0018	DLN	Per Capita Personal Income, Iowa (Chained.2005\$)	BEA	Consumer	Iowa
IAQSBAU	0.0025	-0.0046	DLN	NAR Existing Home Sales: 1-Family, Condos & Co-ops, Iowa (SAAR, Thous)	REALTOR	Consumer	Iowa
MIEA	0.0177	0.0139	DLN	Number Employed, Michigan (SA, Thous)	BLS	Consumer	Michigan
MIRA	-0.0167	-0.0069	DLV	Unemployment Rate, Michigan (SA, %)	BLS	Consumer	Michigan
MILICLS	-0.0055	0.0121	DLV	Unemployment Insurance: Initial Claims Applications: Michigan (SA, Number)	DOL	Consumer	Michigan
MIYPPHQ	0.0095	0.0035	DLN	Per Capita Personal Income, Michigan (Chained.2005\$)	BEA	Consumer	Michigan
MIQSBAU	0.0003	-0.0039	DLN	NAR Existing Home Sales: 1-Fam, Condos & Co-ops, Michigan (SAAR, Thous)	REALTOR	Consumer	Michigan
NRS2	0.0099	-0.0010	DLN	BTMU/NRF: Regional Retail Sales: Midwest {NAICS} (SA, Mil.\$)	COMMERCE	Consumer	Regional
R2MRS AU	0.0031	-0.0057	DLN	NAR Existing 1-Family Home Sales, Midwest (SAAR, Units)	REALTOR	Consumer	Regional
HN1MW	0.0027	-0.0030	DLN	New 1-Family Houses Sold: Midwest (SAAR, Thous)	CENSUS	Consumer	Regional
WIEA	0.0154	0.0155	DLN	Number Employed, Wisconsin (SA, Thous)	BLS	Consumer	Wisconsin
WIRA	-0.0153	-0.0113	DLV	Unemployment Rate, Wisconsin (SA, %)	BLS	Consumer	Wisconsin
WILICLS	-0.0096	0.0072	DLV	Unemployment Insurance: Initial Claims Applications: Wisconsin (SA, Number)	DOL	Consumer	Wisconsin
WIYPPHQ	0.0098	0.0057	DLN	Per Capita Personal Income, Wisconsin (Chained.2005\$)	BEA	Consumer	Wisconsin
WIQSBAU	0.0029	-0.0054	DLN	NAR Existing Home Sales: 1-Fam, Condos & Co-ops, Wisconsin (SAAR, Thous)	REALTOR	Consumer	Wisconsin
PMCXNOA	0.0174	0.0160	LV	Chicago Purchasing Mgrs Assn: New Orders Index (SA, 50+ = Econ Growth)	ISMC	Manufacturing	Illinois
PMCX PDA	0.0177	0.0187	LV	Chicago Purchasing Mgrs Assn: Production Index (SA, 50+ = Econ Growth)	ISMC	Manufacturing	Illinois

PMCXBAA	0.0175	0.0196	LV	Chicago Purchasing Mgrs Assn: Business Barometer Index (SA, 50+ = Econ Grow	ISMC	Manufacturing	Illinois
PMCXEA	0.0152	0.0183	LV	Chicago Purchasing Mgrs Assn: Employment Index (SA, 50+ = Econ Growth)	ISMC	Manufacturing	Illinois
PMCXVDA	0.0126	0.0161	LV	Chicago Purchasing Mgrs Assn: Vendor Deliveries Index (SA, 50+ = Econ Growth)	ISMC	Manufacturing	Illinois
PMCXIA	0.0151	0.0170	LV	Chicago Purchasing Mgrs Assn: Inventories Index (SA, 50+ = Econ Growth)	ISMC	Manufacturing	Illinois
PMCXOBA	0.0175	0.0199	LV	Chicago Purchasing Mgrs Assn: Order Backlog Index (SA, 50+ = Econ Growth)	ISMC	Manufacturing	Illinois
ILLMANUA	0.0192	0.0361	DLN	All Employees: Manufacturing, Illinois (SA, Thous)	BLS	Manufacturing	Illinois
ILOMA	0.0090	0.0148	DLN	Origin of Movement: Exports Manufactured Goods, Illinois (Mil.\$)	CENSUS	Manufacturing	Illinois
CHIPSTL	0.0073	-0.0016	DLN	Raw Steel Production: Indiana/Chicago (Thous..Net.Tons)	AISI	Manufacturing	Indiana
INLMANUA	0.0201	0.0212	DLN	All Employees: Manufacturing, Indiana (SA, Thous)	BLS	Manufacturing	Indiana
INOMA	0.0054	0.0038	DLN	Origin of Movement: Exports Manufactured Goods, Indiana (Mil.\$)	CENSUS	Manufacturing	Indiana
IALMANUA	0.0195	0.0344	DLN	All Employees: Manufacturing, Iowa (SA, Thous)	BLS	Manufacturing	Iowa
IAOMA	0.0066	0.0099	DLN	Origin of Movement: Exports Manufactured Goods, Iowa (Mil.\$)	CENSUS	Manufacturing	Iowa
DETPSTL	0.0056	-0.0026	DLN	Raw Steel Production: Detroit (Thous..Net.Tons)	AISI	Manufacturing	Michigan
PMDTNI	0.0171	0.0173	LV	NAPM Detroit: New Orders Index (NSA, %)	NAPM-D	Manufacturing	Michigan
PMDTOI	0.0174	0.0203	LV	NAPM Detroit: Production Index (NSA, %)	NAPM-D	Manufacturing	Michigan
PMDTC	0.0178	0.0213	LV	NAPM Detroit: Detroit Index (NSA, %)	NAPM-D	Manufacturing	Michigan
PMDTEI	0.0158	0.0224	LV	NAPM Detroit: Employment Index (NSA, %)	NAPM-D	Manufacturing	Michigan
PMDTVI	0.0117	0.0170	LV	NAPM Detroit: Vendor Deliveries Index (NSA, %)	NAPM-D	Manufacturing	Michigan
PMDTIFI	0.0162	0.0287	LV	NAPM Detroit: Finished Goods and Raw Materials Inventory Index (NSA, %)	NAPM-D	Manufacturing	Michigan
MILMANUA	0.0185	0.0154	DLN	All Employees: Manufacturing, Michigan (SA, Thous)	BLS	Manufacturing	Michigan
MIOMA	0.0056	0.0014	DLN	Origin of Movement: Exports Manufactured Goods, Michigan (Mil.\$)	CENSUS	Manufacturing	Michigan
MWPSTL	0.0085	-0.0032	DLN	Raw Steel Production: Midwest (Thous..Net.Tons)	AISI	Manufacturing	Regional
FRBC	0.0156	-0.0033	DLN	Chicago FRB: Midwest Manufacturing Index (SA, 2002=100)	CHIFED	Manufacturing	Regional
FRBCA	0.0108	-0.0043	DLN	Chicago FRB: Auto Sector Index (SA, 2002=100)	CHIFED	Manufacturing	Regional
FRBCS	0.0151	-0.0003	DLN	Chicago FRB: Steel Sector Index (SA, 2002=100)	CHIFED	Manufacturing	Regional
FRBCM	0.0145	0.0080	DLN	Chicago FRB: Machinery Sector Index (SA, 2002=100)	CHIFED	Manufacturing	Regional
FRBCR	0.0085	-0.0014	DLN	Chicago FRB: Resource Sector Index (SA, 2002=100)	CHIFED	Manufacturing	Regional
PMMKCI	0.0161	0.0139	LV	NAPM Milwaukee: Composite Diffusion Index (SA 50+ = Econ Growth)	NAPM-M	Manufacturing	Wisconsin
PMMKNI	0.0159	0.0133	LV	NAPM Milwaukee: New Orders Index (NSA)	NAPM-M	Manufacturing	Wisconsin
PMMKOI	0.0158	0.0126	LV	NAPM Milwaukee: Production Index (NSA)	NAPM-M	Manufacturing	Wisconsin
PMMKBOI	0.0157	0.0152	LV	NAPM Milwaukee: Backlog of Orders Index (NSA)	NAPM-M	Manufacturing	Wisconsin
PMMKEI	0.0179	0.0243	LV	NAPM Milwaukee: Employment Index (NSA)	NAPM-M	Manufacturing	Wisconsin
PMMKII	0.0144	0.0307	LV	NAPM Milwaukee: Inventory Levels Index (NSA)	NAPM-M	Manufacturing	Wisconsin
WILMANUA	0.0200	0.0369	DLN	All Employees: Manufacturing, Wisconsin (SA, Thous)	BLS	Manufacturing	Wisconsin
WIOMA	0.0066	0.0071	DLN	Origin of Movement: Exports Manufactured Goods, Wisconsin (Mil.\$)	CENSUS	Manufacturing	Wisconsin
ILLTTULA	0.0188	0.0293	DLN	All Empl: Trade/Transportation/Utilities, Illinois (SA, Thous)	BLS	Services	Illinois
ILLFIREA	0.0117	0.0048	DLN	All Employees: Financial Activities, Illinois (SA, Thous)	BLS	Services	Illinois
ILLGOVTA	0.0010	0.0024	DLN	All Employees: Government, Illinois (SA, Thous)	BLS	Services	Illinois
ILLINFOA	0.0109	0.0194	DLN	All Employees: Information, Illinois (SA, Thous)	BLS	Services	Illinois
ILLPBSVA	0.0197	0.0284	DLN	All Empl: Professional & Business Svces, Illinois (SA, Thous)	BLS	Services	Illinois
ILLEDUHA	-0.0011	0.0151	DLN	All Employees: Educational & Health Svcs, Illinois (SA, Thous)	BLS	Services	Illinois
ILLLEIHA	0.0129	0.0179	DLN	All Employees: Leisure & Hospitality, Illinois (SA, Thous)	BLS	Services	Illinois
ILLSRVOA	0.0087	0.0155	DLN	All Employees: Other Services, Illinois (SA, Thous)	BLS	Services	Illinois
INLTTULA	0.0189	0.0326	DLN	All Empl: Trade/Transportation/Utilities, Indiana (SA, Thous)	BLS	Services	Indiana
INLFIREA	0.0115	0.0146	DLN	All Employees: Finance, Insurance & Real Estate, Indiana (SA, Thous)	BLS	Services	Indiana
INLGOVTA	0.0016	0.0001	DLN	All Employees: Total Government, Indiana (SA, Thous)	BLS	Services	Indiana
INLINFOA	0.0109	0.0101	DLN	All Employees: Information, Indiana (SA, Thous)	BLS	Services	Indiana
INLPBSVA	0.0180	0.0207	DLN	All Empl: Professional & Business Svces, Indiana (SA, Thous)	BLS	Services	Indiana
INLEDUHA	0.0002	0.0097	DLN	All Employees: Educational & Health Svcs, Indiana (SA, Thous)	BLS	Services	Indiana
INLLEIHA	0.0131	0.0192	DLN	All Employees: Leisure & Hospitality, Indiana (SA, Thous)	BLS	Services	Indiana
INLSRVOA	0.0126	0.0203	DLN	All Employees: Other Services, Indiana (SA, Thous)	BLS	Services	Indiana
IALLTTULA	0.0144	0.0286	DLN	All Empl: Trade/Transportation/Utilities, Iowa (SA, Thous)	BLS	Services	Iowa
IALLFIREA	0.0058	0.0022	DLN	All Employees: Finance, Insurance & Real Estate, Iowa (SA, Thous)	BLS	Services	Iowa
IALLGOVTA	0.0027	0.0043	DLN	All Employees: Total Government, Iowa (SA, Thous)	BLS	Services	Iowa
IALLINFOA	0.0140	0.0194	DLN	All Employees: Information, Iowa (SA, Thous)	BLS	Services	Iowa
IALLPBSVA	0.0153	0.0287	DLN	All Empl: Professional & Business Svces, Iowa (SA, Thous)	BLS	Services	Iowa
IALLEDUHA	-0.0011	0.0044	DLN	All Employees: Educational & Health Svcs, Iowa (SA, Thous)	BLS	Services	Iowa

IALLIHA	0.0084	0.0114	DLN	All Employees: Leisure & Hospitality, Iowa (SA, Thous)	BLS	Services	Iowa
IALSRVOA	0.0028	0.0067	DLN	All Employees: Other Services, Iowa (SA, Thous)	BLS	Services	Iowa
MILTTULA	0.0189	0.0291	DLN	All Empl: Trade/Transportation/Utilities, Michigan (SA, Thous)	BLS	Services	Michigan
MILFIREA	0.0115	0.0044	DLN	All Employees: Finance, Insurance & Real Estate, Michigan (SA, Thous)	BLS	Services	Michigan
MILGOVTA	0.0035	0.0015	DLN	All Employees: Total Government, Michigan (SA, Thous)	BLS	Services	Michigan
MILINFOA	0.0095	0.0093	DLN	All Employees: Information, Michigan (SA, Thous)	BLS	Services	Michigan
MILPBSVA	0.0187	0.0289	DLN	All Empl: Professional & Business Svcs, Michigan (SA, Thous)	BLS	Services	Michigan
MILEDUHA	0.0014	0.0049	DLN	All Employees: Educational & Health Svcs, Michigan (SA, Thous)	BLS	Services	Michigan
MILLEIHA	0.0144	0.0130	DLN	All Employees: Leisure & Hospitality, Michigan (SA, Thous)	BLS	Services	Michigan
MILSRVOA	0.0129	0.0207	DLN	All Employees: Other Services, Michigan (SA, Thous)	BLS	Services	Michigan
WILTTULA	0.0182	0.0256	DLN	All Empl: Trade/Transportation/Utilities, Wisconsin (SA, Thous)	BLS	Services	Wisconsin
WILFIREA	0.0083	0.0024	DLN	All Employees: Finance, Insurance & Real Estate, Wisconsin (SA, Thous)	BLS	Services	Wisconsin
WILGOVTA	0.0044	0.0137	DLN	All Employees: Total Government, Wisconsin (SA, Thous)	BLS	Services	Wisconsin
WILINFOA	0.0123	0.0133	DLN	All Employees: Information, Wisconsin (SA, Thous)	BLS	Services	Wisconsin
WILPBSVA	0.0181	0.0236	DLN	All Empl: Professional & Business Svcs, Wisconsin (SA, Thous)	BLS	Services	Wisconsin
WILEDUHA	0.0031	0.0079	DLN	All Employees: Educational & Health Svcs, Wisconsin (SA, Thous)	BLS	Services	Wisconsin
WILLEIHA	0.0127	0.0112	DLN	All Employees: Leisure & Hospitality, Wisconsin (SA, Thous)	BLS	Services	Wisconsin
WILSRVOA	0.0024	0.0043	DLN	All Employees: Other Services, Wisconsin (SA, Thous)	BLS	Services	Wisconsin

\*Per capita personal income and exports of manufactured goods deflated to 2000 Dollars using BLS Midwest CPI and Export price indexes, respectively.

#### Stationary Transformations:

LV: 3-Month Moving Average  
DLV:  $\Delta$  3-Month Moving Average  
LN: 3-Month Moving Average of Natural Log  
DLN:  $\Delta$  3-Month Moving Average of Natural Log

#### Sectors

Manufacturing  
Construction and mining  
Services  
Consumer spending

#### Source codes:

CHIFED = Chicago Fed  
BEA = Bureau of Economic Analysis  
BLS = Bureau of Labor Statistics  
DOL = Department of Labor  
CENSUS = Census Bureau  
COMMERCE = U.S. Department of Commerce  
REALTOR = National Association of Realtors  
ISMC = Institute for Supply Management (Chicago)  
NAPM-M/D = National Association of Purchasing Managers Milwaukee/Detroit  
EIA = Energy Information Administration  
AISI = American Iron and Steel Institute