

Ohio
Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Goods-Producing Industries	42.3	40.9	42.2	41.8	42.4	42.3	42.4	41.5	42.4	42.5	42.8	43.1	43.3
Mining	46.6	45.5	46.5	45.6	46.8	47.3	47.2	47.1	47.7	47.3	46.3	47.4	44.7
Coal Mining	50.2	50.2	51.2	50.8	48.3	50.1	50.3	50.5	51.6	50.9	49.2	50.5	49.0
Construction	39.7	36.5	38.9	37.5	38.9	40.3	40.2	40.8	40.6	39.6	41.3	41.0	39.1
General Building Contractors	38.8	36.2	39.0	37.5	38.6	39.3	38.9	39.4	39.4	38.9	39.6	40.2	38.5
Heavy Construction, Except Building	42.6	37.2	40.0	38.1	40.6	44.0	44.5	44.5	44.6	44.4	44.4	44.3	39.2
Special Trade Contractors	39.4	36.5	38.7	37.4	38.7	39.9	39.8	40.5	40.1	38.9	41.2	40.6	39.2
Manufacturing	42.9	41.6	42.9	42.6	43.2	42.7	42.9	41.6	42.8	43.2	43.2	43.5	44.3
Durable Goods ^b	43.1	41.8	43.2	42.9	43.4	42.8	43.2	41.7	43.0	43.5	43.4	43.8	44.8
Lumber and Wood Products	39.6	38.4	38.2	40.3	40.6	39.4	39.5	39.9	40.3	39.5	40.3	40.3	38.8
Millwork, Plywood and Structural Members	42.3	39.2	38.8	43.5	44.0	41.4	41.2	42.8	43.3	42.4	44.2	44.8	41.6
Furniture and Fixtures	40.5	40.9	41.2	41.4	41.0	39.4	40.1	40.6	40.5	40.2	39.8	39.9	40.5
Stone, Clay, and Glass Products	43.9	42.0	43.2	42.5	43.6	43.7	44.2	43.8	43.8	44.4	44.3	45.3	45.5
Primary Metal Industries	44.4	43.7	44.2	44.4	44.3	44.3	44.8	42.9	44.0	44.4	44.9	45.4	45.6
Blast Furnace and Basic Steel Products	45.1	43.7	44.1	44.8	44.8	45.1	46.2	44.7	45.3	44.6	45.2	46.0	47.0
Iron and Steel Foundries	45.8	46.6	45.9	46.3	46.6	45.8	46.1	42.1	44.8	46.8	46.2	46.5	45.3
Nonferrous Rolling and Drawing	41.8	41.2	41.9	41.8	40.8	40.9	40.2	38.6	40.6	42.4	44.2	44.7	44.3
Nonferrous Foundries	42.9	42.5	44.3	43.8	42.5	43.6	43.7	42.1	42.1	42.2	42.8	41.8	43.5
Fabricated Metal Products	42.7	42.2	42.7	42.2	42.6	42.2	42.7	41.5	42.8	42.7	43.0	43.5	44.1
Fabricated Structural Metal Products	41.9	41.0	41.8	40.9	41.9	41.1	41.4	41.3	42.2	42.4	42.0	43.2	43.4
Metal Forgings and Stampings	44.5	44.0	44.5	44.1	44.8	44.0	44.5	42.7	44.8	44.8	45.1	45.4	45.9
Industrial Machinery and Equipment	43.8	42.8	44.1	43.8	44.1	43.6	43.2	42.5	43.8	44.0	44.1	44.6	45.5
Construction and Related Machinery	40.0	39.6	40.6	39.5	40.3	40.0	39.0	39.4	39.7	40.4	39.6	40.9	41.4
Metalworking Machinery	43.5	42.3	44.4	43.7	42.9	44.6	43.0	42.4	43.8	43.0	43.6	43.4	44.7
Special Industry Machinery	43.9	43.6	45.3	45.3	44.2	43.1	42.7	42.8	43.5	42.2	44.2	44.1	45.2
General Industrial Machinery	44.1	43.2	44.6	43.4	44.6	44.1	43.6	42.2	43.6	44.3	44.6	45.2	45.6
Computer and Office Equipment	43.1	40.8	41.6	43.0	42.9	43.0	42.8	44.6	44.6	43.8	42.5	41.6	44.8
Refrigeration and Service Machinery	47.5	45.0	48.3	47.2	48.7	45.6	48.6	45.2	46.8	49.7	48.3	48.9	47.7
Electronic and Other Electric Equipment	41.9	40.0	42.7	41.7	42.0	41.7	42.1	40.9	41.4	41.9	42.6	43.2	43.0
Electrical Industrial Apparatus	43.4	40.2	43.6	43.6	43.5	43.9	44.8	42.4	43.0	42.2	43.5	45.2	44.6
Household Appliances	40.5	37.6	42.7	40.4	40.4	40.0	39.5	40.1	40.4	40.9	41.2	42.1	40.7
Electric Lighting and Wiring Equipment	43.8	42.6	43.9	44.1	44.5	43.4	44.4	41.8	43.1	43.1	44.1	44.9	46.0
Electronic Components and Accessories	42.1	39.4	42.6	40.4	42.5	42.0	42.7	41.2	41.8	42.5	42.9	43.7	43.4
Transportation Equipment	44.0	41.5	44.1	43.5	45.1	43.7	44.6	40.8	43.9	45.5	44.0	44.2	47.6
Motor Vehicles and Equipment	44.2	41.5	44.2	43.7	45.4	43.9	44.9	40.5	44.0	45.8	44.1	44.2	48.0
Aircraft and Parts	44.0	42.8	44.9	43.5	44.0	43.3	43.7	43.6	43.5	43.5	43.7	45.3	46.1
Instruments and Related Products	41.6	40.4	41.4	40.9	41.1	41.7	41.5	41.2	41.4	41.9	42.2	42.9	42.8
Measuring and Controlling Devices	41.9	41.6	41.4	41.8	42.0	41.7	41.2	41.8	41.1	42.0	42.3	42.8	42.5
Nondurable Goods ^c	42.3	41.2	42.2	41.9	42.5	42.4	42.3	41.4	42.3	42.6	42.6	42.8	43.2
Food and Kindred Products	42.8	42.2	42.7	41.8	43.7	43.7	42.7	42.1	42.8	42.5	43.7	42.9	43.0
Dairy Products	42.9	42.7	42.8	42.7	42.9	43.3	43.7	42.4	43.0	42.4	43.3	43.0	43.1
Preserved Fruits and Vegetables	41.3	40.4	41.1	40.2	41.4	41.5	40.4	39.5	42.1	41.8	43.9	41.3	42.1
Bakery Products	40.1	36.8	39.0	39.8	40.5	41.9	40.5	40.2	41.0	39.7	41.3	40.5	39.6
Apparel and Other Textile Products	41.6	37.6	40.4	40.5	40.3	41.5	41.9	39.8	41.4	41.2	43.0	45.5	46.3
Paper and Allied Products	44.0	43.6	43.4	43.6	43.9	43.8	43.7	43.2	43.8	44.9	44.7	44.3	44.5
Paperboard Containers and Boxes	42.9	42.6	43.0	42.6	42.9	42.7	42.5	42.2	42.9	43.3	43.9	42.5	44.0
Miscellaneous Converted Paper Products	43.5	42.8	42.1	43.0	43.3	43.7	43.0	42.6	43.5	44.9	44.1	45.0	44.3
Printing and Publishing	39.8	38.4	39.6	39.5	39.7	39.5	38.9	39.6	39.8	40.7	40.1	40.5	41.1
Newspapers	34.4	32.9	32.6	33.8	34.6	34.9	35.6	34.1	34.0	34.8	34.7	35.2	36.5
Commercial Printing	40.9	39.1	40.9	40.7	40.8	40.4	40.0	41.4	41.0	42.1	41.4	41.6	41.9
Chemicals and Allied Products	42.8	42.7	42.8	42.6	42.5	42.5	43.0	42.1	42.7	42.9	42.7	43.4	44.2
Plastics Materials and Synthetics	43.8	44.3	43.7	44.5	42.9	44.3	42.8	42.7	42.6	43.0	44.3	45.4	44.5
Rubber and Miscellaneous Plastics Products	42.5	41.2	42.6	42.5	43.1	42.8	43.0	41.1	42.6	42.8	42.3	42.7	43.0
Tires and Inner Tubes	40.8	42.0	40.9	40.7	40.8	40.5	40.1	39.3	39.6	40.2	41.2	42.3	42.6
Miscellaneous Plastics Products	42.7	41.3	42.7	42.4	43.0	42.9	43.4	41.7	43.1	43.2	42.6	42.6	43.3

Service-Producing Industries	....	....	....	....	....	....	....	....	....	....	....	....	....
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	42.1	41.8	41.9	41.5	42.1	41.7	41.9	42.6	42.7	42.7	42.6	41.9	41.9
Communications	41.0	40.9	40.6	40.5	40.4	40.7	40.7	40.8	41.8	41.7	41.7	41.1	41.1
Electric, Gas, and Sanitary Services	43.4	42.9	43.5	42.9	44.1	42.8	43.4	44.8	43.8	43.9	43.7	42.9	42.8
Wholesale Trade	39.6	39.5	39.5	39.5	39.9	40.6	40.0	40.0	39.6	39.4	39.4	39.0	39.2
Wholesale Trade-Durable Goods	40.0	39.8	40.1	39.8	40.4	41.0	40.3	40.0	40.0	39.7	39.9	39.2	39.9
Motor Vehicles, Parts, and Supplies	39.7	39.1	39.5	39.5	39.6	39.5	39.6	40.7	39.0	39.7	40.3	39.9	40.3
Metals and Minerals, Except Petroleum	41.7	42.3	42.1	42.2	41.9	42.1	42.4	41.7	41.1	41.4	42.7	40.1	40.6
Wholesale Trade-Nondurable Goods	38.9	38.8	38.6	39.0	39.1	39.7	39.4	40.0	38.7	38.9	38.5	38.6	38.0
Retail Trade	28.2	27.4	28.0	27.8	28.2	28.4	28.7	29.0	28.7	28.0	28.0	28.0	28.5
General Merchandise Stores	27.7	26.9	27.3	28.0	28.0	28.4	28.1	27.8	27.3	27.2	26.9	26.9	29.0
Department Stores	28.2	27.1	27.5	28.3	28.4	29.0	28.7	28.5	28.0	28.0	27.7	27.6	29.9
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Business Services	33.1	32.5	33.3	32.8	33.2	33.7	33.3	32.7	33.4	31.8	33.3	33.9	33.5
Health Services	32.1	31.8	32.2	32.0	32.0	32.1	32.1	32.1	32.0	32.1	32.1	32.0	32.2
Nursing and Personal Care Facilities	32.5	32.4	32.2	32.0	32.3	32.6	32.7	32.9	32.6	32.6	32.2	32.5	32.8
Hospitals	32.5	32.4	32.7	32.6	32.4	32.3	32.5	32.4	32.4	32.4	32.4	32.5	32.4
Engineering and Management Services	36.5	36.3	36.7	36.4	37.1	37.2	36.8	36.6	36.7	36.1	36.2	36.5	35.9
Engineering and Architectural Services	39.9	39.4	40.1	39.6	40.1	40.5	39.8	39.8	40.1	39.7	40.1	39.8	39.6
Research and Testing Services	33.8	33.7	33.5	33.3	34.6	33.9	33.3	34.5	34.0	34.0	34.0	33.4	33.7

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision". (b) Includes miscellaneous manufacturing industries. (c) Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products.

Ohio Department of Job and Family Services
Bureau of Labor Market Information
Columbus 43215 February 2003

Akron PMSA
Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.2	41.8	43.0	42.9	42.3	42.3	42.5	41.6	42.1	41.2	42.0	42.4	42.6
Durable Goods ^b	42.3	41.8	43.5	43.4	42.6	42.5	42.5	41.5	42.1	41.1	42.3	42.4	42.5
Fabricated Metal Products	41.1	40.7	42.4	42.9	41.1	41.3	41.5	41.0	40.6	39.8	40.1	41.1	40.9
Industrial Machinery and Equipment	44.5	43.7	44.7	44.6	43.9	44.0	44.3	43.1	44.7	43.6	45.6	45.3	46.3
Metalworking Machinery	44.5	44.6	44.1	43.6	43.9	43.0	43.5	43.2	44.4	44.1	46.3	46.0	47.4
Electronic and Other Electric Equipment	43.8	41.5	44.7	44.7	46.0	43.8	43.5	42.6	42.2	43.2	43.4	45.0	45.1
Transportation Equipment	44.8	42.2	45.1	45.2	46.6	46.9	46.1	45.2	45.1	43.8	43.9	44.8	43.4
Nondurable Goods ^c	42.1	41.8	42.3	42.3	42.0	42.1	42.6	41.8	42.1	41.3	41.5	42.4	42.8
Food and Kindred Products	38.7	38.9	39.5	40.8	39.2	40.9	39.5	38.6	37.7	37.4	36.4	37.6	38.8
Chemicals and Allied Products	44.9	45.7	44.3	44.4	44.8	44.2	45.0	43.6	43.8	44.2	45.2	46.5	46.0
Rubber and Miscellaneous Plastics Products	43.4	43.7	44.1	43.8	43.4	43.3	43.9	43.3	43.6	41.8	42.6	43.9	44.0
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	43.8	43.8	43.5	42.9	43.4	43.8	44.3	44.5	43.9	44.7	43.5	44.0	43.5
Wholesale Trade	39.0	39.3	39.2	40.8	39.1	39.3	38.2	38.9	38.8	39.2	38.8	38.5	38.2
Retail Trade	27.2	25.8	26.9	27.2	27.3	27.8	27.7	27.8	27.5	26.6	26.9	26.9	27.8
General Merchandise Stores	27.3	27.6	27.0	26.8	26.9	27.8	27.6	27.9	26.9	26.6	26.2	26.7	29.5
Food Stores	25.6	24.5	24.8	25.5	25.6	25.9	26.7	25.9	26.2	26.1	25.3	24.2	26.2

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision". (b) Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing industries. (c) Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products.

Ohio Department of Job and Family Services
Bureau of Labor Market Information
Columbus 43215 February 2003

Canton-Massillon MSA
Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	40.3	39.0	40.2	40.8	40.5	40.9	40.8	40.0	40.4	39.9	40.2	40.7	40.8
Durable Goods ^b	40.9	39.4	41.1	41.5	41.2	41.5	41.2	40.5	40.9	40.4	40.7	40.9	41.0
Fabricated Metal Products	40.7	39.2	40.7	40.9	40.4	40.6	40.7	40.1	40.2	39.7	40.6	42.7	42.5
Nondurable Goods ^c	39.0	37.6	37.5	38.7	38.6	39.3	39.5	38.6	39.1	38.8	39.2	40.2	40.2
Food and Kindred Products	39.0	36.6	36.3	39.2	39.3	40.1	40.1	40.0	39.5	38.3	38.4	39.4	40.2
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	36.6	37.3	36.3	36.2	36.7	37.9	36.9	39.5	38.6	34.4	34.7	35.0	35.9
Wholesale Trade	41.5	41.4	41.5	41.6	41.8	42.3	42.1	42.3	41.9	40.3	41.1	40.7	40.4
Retail Trade	28.5	27.1	28.2	27.8	28.2	28.5	28.4	28.8	29.0	28.4	28.7	28.8	29.5
General Merchandise Stores	29.3	28.1	28.3	28.6	28.9	29.4	29.3	30.6	30.0	29.1	28.9	28.9	30.7
Food Stores	25.6	24.4	23.7	24.4	25.4	25.1	27.0	26.9	25.8	26.6	25.7	26.3	26.0
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nursing and Personal Care Facilities	31.4	30.9	30.7	30.6	31.0	31.1	31.3	33.2	32.1	31.4	31.3	31.4	31.7

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton-Massillon area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision". (b) Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; industrial machinery and equipment; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. (c) Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products.

Ohio Department of Job and Family Services
Bureau of Labor Market Information
Columbus 43215 February 2003

Cincinnati PMSA
Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	43.3	42.5	43.1	42.3	43.1	43.3	43.5	42.9	43.2	43.6	43.7	44.1	44.5
Durable Goods ^b	44.1	43.4	44.4	43.6	44.2	43.9	44.3	42.7	43.8	44.6	44.5	44.8	45.5
Fabricated Metal Products	41.7	41.0	41.6	39.5	41.2	41.5	42.8	41.7	41.9	40.9	42.3	42.1	43.4
Fabricated Structural Metal Products	41.8	41.9	43.2	39.5	40.0	41.7	42.0	41.3	41.4	42.6	43.2	42.2	42.0
Industrial Machinery and Equipment	44.1	44.7	44.8	43.7	45.6	42.7	43.1	42.4	43.5	43.9	43.6	44.6	46.2
Electronic and Other Electric Equipment	42.2	41.3	42.0	43.3	44.2	43.2	43.8	43.0	42.6	39.8	41.0	41.6	41.1
Transportation Equipment	48.7	47.4	48.6	48.0	47.7	47.6	48.7	44.6	48.2	52.2	49.9	50.3	51.1
Motor Vehicles and Equipment	52.1	50.9	51.6	51.5	50.5	50.8	52.7	46.0	51.9	57.5	53.9	53.3	54.5
Nondurable Goods ^c	42.5	41.4	41.7	40.9	41.9	42.7	42.6	43.2	42.6	42.7	42.9	43.4	43.5
Food and Kindred Products	45.1	43.6	43.4	41.1	46.2	46.9	45.9	45.2	45.4	45.3	44.9	46.2	46.3
Beverages	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
Apparel and Other Textile Products	37.1	32.3	35.9	34.1	36.6	36.3	36.7	38.2	38.4	38.1	39.7	40.2	39.3
Paper and Allied Products	42.9	43.3	44.1	43.3	43.0	42.9	43.5	43.4	43.2	42.8	41.8	40.5	42.7
Printing and Publishing	38.9	37.5	38.5	38.8	37.6	39.3	37.6	39.9	38.9	39.3	39.0	39.5	40.4
Commercial Printing	40.2	38.8	40.2	40.0	39.1	39.6	37.7	41.6	39.9	41.1	40.5	41.1	43.2
Chemicals and Allied Products	44.7	44.8	43.7	42.7	41.9	43.4	44.7	45.9	43.6	44.9	46.5	47.0	46.7
Rubber and Miscellaneous Plastics Products	42.7	41.7	42.0	42.1	42.5	42.2	43.6	43.1	44.3	42.6	42.8	43.1	42.3
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	42.4	42.4	42.3	42.0	42.4	42.5	42.8	43.3	42.8	42.1	42.2	42.1	42.4
Communications	41.0	41.5	40.9	40.3	40.7	40.6	41.4	41.4	42.3	41.0	40.9	40.3	40.3
Wholesale Trade	40.3	40.2	41.0	40.6	41.2	42.1	41.0	40.9	38.9	38.5	39.8	39.6	40.2
Retail Trade	29.2	28.0	29.2	29.3	29.3	29.5	29.8	29.4	29.3	28.5	28.6	29.0	30.3
General Merchandise Stores	28.6	28.2	29.6	30.1	30.0	30.3	28.7	28.8	27.7	27.5	27.4	26.9	28.7
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	35.4	34.7	35.0	34.8	34.8	35.0	35.0	35.1	35.4	35.1	35.8	36.7	36.7
Engineering and Management Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Engineering and Architectural Services	39.5	38.6	40.1	39.6	40.9	40.4	39.6	38.7	38.6	39.2	39.8	39.2	39.6

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Brown, Clermont, Hamilton, and Warren Counties, Ohio; Dearborn and Ohio Counties, Indiana; Boone, Campbell, Gallatin, Grant, Kenton, and Pendleton Counties, Kentucky. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision".

(b) Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. (c) Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products.

Ohio Department of Job and Family Services
Bureau of Labor Market Information
Columbus 43215 February 2003

Cleveland-Lorain-Elyria PMSA

Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	43.4	42.1	43.1	43.6	43.4	43.6	43.8	42.5	43.9	43.6	43.9	43.9	44.0
Durable Goods ^b	44.4	42.8	43.8	44.5	44.3	44.5	44.8	43.4	45.1	44.6	45.1	44.8	45.0
Primary Metal Industries	46.7	46.2	46.2	45.4	44.8	46.0	47.5	45.5	47.6	47.5	48.0	48.1	47.4
Fabricated Metal Products	44.1	44.5	43.5	43.5	43.4	44.0	44.2	42.6	44.7	44.4	44.5	45.1	45.2
Screw Machine Products, Bolts, etc.	43.8	43.5	43.3	43.2	43.9	43.6	44.8	41.9	44.3	44.9	43.5	44.6	44.5
Metal Forgings and Stampings	46.6	47.2	45.2	45.0	44.9	46.4	47.2	45.6	47.5	46.6	47.7	48.3	48.2
Industrial Machinery and Equipment	43.1	42.4	44.3	44.0	43.3	43.3	43.0	42.1	43.4	41.9	42.8	43.0	43.2
Metalworking Machinery	40.8	39.4	43.2	42.8	40.1	42.7	41.3	38.6	42.0	39.8	39.9	39.8	39.8
Electronic and Other Electric Equipment	43.9	41.6	43.1	43.8	43.3	42.5	45.4	44.3	43.6	44.7	44.4	45.8	44.7
Electrical Industrial Apparatus	45.6	40.7	43.8	45.7	46.9	45.2	46.8	44.8	45.8	47.6	44.1	49.4	46.3
Electric Lighting and Wiring Equipment	42.9	41.8	43.0	43.6	44.0	43.7	42.1	42.6	41.6	42.0	42.8	43.0	44.4
Transportation Equipment	47.0	41.5	46.3	47.9	48.4	49.4	49.0	44.9	48.6	48.5	47.2	44.3	48.2
Motor Vehicles and Equipment	47.6	41.2	46.5	48.4	49.3	50.3	49.8	45.2	49.5	49.4	47.9	44.6	48.8
Instruments and Related Products	38.3	37.1	38.0	37.4	37.9	38.2	38.4	37.9	37.9	38.7	39.6	39.2	39.5
Measuring and Controlling Devices	40.0	39.2	39.9	39.7	39.4	40.2	40.0	39.3	39.9	40.1	40.4	39.7	41.8
Nondurable Goods ^c	40.8	40.2	40.8	40.9	40.9	41.2	40.8	40.1	40.4	40.8	40.7	41.4	41.3
Food and Kindred Products	41.6	39.9	41.3	41.6	41.7	42.9	43.8	41.2	40.6	41.8	40.8	41.7	42.5
Paper and Allied Products	41.0	41.7	41.2	41.3	41.5	40.4	41.0	39.8	41.3	40.0	41.7	41.5	40.7
Printing and Publishing	38.9	36.8	38.4	38.2	38.2	38.4	38.8	39.3	38.7	41.5	38.9	39.9	40.3
Chemicals and Allied Products	42.2	41.9	43.2	42.7	42.8	42.8	42.3	40.6	41.1	41.7	41.9	42.5	42.5
Rubber and Miscellaneous Plastics Products	40.8	40.7	40.5	41.2	40.7	41.9	40.2	40.2	40.7	40.1	40.5	41.5	41.1
Miscellaneous Plastics Products	40.1	40.5	39.5	40.0	40.0	41.1	39.3	39.9	39.6	39.3	40.0	40.8	40.6
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Transportation	....	....	....	....	....	....	....	....	....	....	....	....	....
Trucking and Warehousing	40.6	39.5	39.9	39.9	41.4	41.1	38.7	39.4	41.6	38.4	42.6	43.4	41.2
Communications, Electric, Gas Services	40.5	40.1	40.1	40.7	41.1	40.3	39.6	42.0	41.3	40.0	40.8	39.8	40.0
Wholesale Trade	39.9	40.2	39.9	39.5	39.6	40.0	39.7	39.0	39.1	40.1	40.5	39.9	40.7
Retail Trade	27.5	26.5	27.4	27.0	27.5	27.5	27.8	28.3	28.2	27.6	27.3	27.1	27.8
General Merchandise Stores	26.1	26.5	25.3	26.3	26.6	26.5	26.4	25.4	24.8	25.6	25.5	25.6	28.3
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	31.0	30.9	31.2	31.0	31.2	31.0	31.2	31.2	31.2	31.2	30.9	30.8	31.0
Nursing and Personal Care Facilities	33.1	33.2	33.3	33.1	33.7	33.0	33.4	33.3	33.1	32.8	32.4	32.5	33.4
Hospitals	29.7	29.7	29.7	29.7	29.5	29.5	29.7	29.7	29.9	29.8	29.8	29.8	29.6

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland-Lorain-Elyria area is defined as Ashtabula, Cuyahoga, Geauga, Lake, Lorain, and Medina Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision". (b) Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; miscellaneous manufacturing industries. (c) Includes tobacco products; textile mill products; apparel and other textile products; petroleum and coal products; leather and leather products.

Columbus MSA
Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.1	40.7	41.7	41.3	42.2	41.8	41.9	41.8	41.6	42.7	43.1	43.4	43.6
Durable Goods ^b	42.7	41.1	42.2	41.6	42.7	42.3	42.2	42.2	42.1	43.4	44.0	44.2	44.6
Stone, Clay, and Glass Products	44.9	42.9	43.5	42.4	43.8	44.1	44.2	44.5	44.5	45.9	46.3	47.7	48.5
Glass and Glassware, Pressed or Blown	42.4	40.7	41.7	40.9	40.8	41.0	40.3	40.1	41.8	44.9	44.7	45.7	46.7
Fabricated Metal Products	42.9	40.5	42.0	42.4	42.8	42.5	42.3	41.6	42.8	43.3	44.2	44.4	46.0
Industrial Machinery and Equipment	41.5	38.0	39.9	39.6	41.7	41.7	40.5	41.4	41.6	42.9	43.2	43.6	43.1
Electronic and Other Electric Equipment	41.6	42.2	41.9	41.7	41.8	41.7	41.1	41.3	40.6	41.6	41.7	41.7	41.9
Transportation Equipment	43.8	42.3	44.6	43.0	44.0	43.0	44.4	41.9	42.3	44.3	44.8	45.8	45.8
Motor Vehicles and Equipment	43.9	42.3	44.6	43.0	44.0	43.0	44.4	42.0	42.3	44.3	44.8	45.8	45.9
Instruments and Related Products	39.2	38.2	39.5	38.3	38.7	40.9	39.0	38.0	39.4	37.8	40.3	40.1	40.1
Nondurable Goods ^c	41.1	40.1	40.8	40.7	41.3	41.0	41.2	41.0	40.5	41.4	41.5	42.0	41.8
Food and Kindred Products	41.3	41.5	41.9	41.8	41.4	41.7	42.1	40.4	40.0	40.5	40.9	41.8	41.2
Dairy Products	43.4	44.3	43.6	42.8	42.7	44.7	44.2	42.2	43.9	43.1	43.4	43.5	42.9
Printing and Publishing	38.9	36.7	38.3	38.4	39.7	38.8	39.0	39.0	37.9	39.8	39.9	40.2	39.9
Chemicals and Allied Products	41.2	41.7	41.5	41.7	41.0	40.8	40.0	41.4	41.4	40.7	40.8	41.7	42.0
Rubber and Miscellaneous Plastics Products	41.2	40.5	41.2	40.1	41.5	40.7	41.2	41.2	40.5	42.4	41.4	42.3	41.5
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Transportation	....	....	....	....	....	....	....	....	....	....	....	....	....
Trucking and Warehousing	42.9	42.4	42.8	42.0	43.0	44.3	42.8	41.4	43.0	41.4	42.5	44.8	44.8
Communications, Electric, Gas Services	40.1	41.6	40.7	40.4	40.5	39.5	39.7	40.6	40.3	39.5	39.6	39.1	39.1
Communications	40.4	40.8	40.6	40.0	40.5	39.3	39.8	41.0	41.1	40.4	40.7	40.4	40.5
Electric, Gas, and Sanitary Services	39.3	43.3	40.9	41.1	40.6	39.9	39.4	39.8	38.5	37.7	37.5	36.3	36.1
Wholesale Trade	39.2	37.4	37.9	37.9	38.6	38.6	38.2	40.4	40.9	41.0	39.9	38.3	40.6
Retail Trade	27.9	26.4	27.8	27.7	27.9	27.8	28.1	28.5	28.4	27.9	27.9	27.9	28.7
General Merchandise Stores	28.3	27.8	29.2	30.7	29.2	28.0	27.6	27.7	28.0	27.7	27.4	27.3	28.6
Food Stores	28.5	27.4	28.3	28.0	28.0	28.5	29.6	29.9	29.4	28.4	28.2	28.1	28.8
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Nursing and Personal Care Facilities	31.4	32.9	31.4	31.8	31.8	31.0	31.8	32.2	30.8	31.7	30.7	29.5	31.6
Hospitals	33.5	34.4	34.9	33.7	33.0	32.3	32.5	33.6	33.3	33.5	33.1	33.8	33.7
Engineering and Management Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Engineering and Architectural Services	40.7	40.8	41.5	41.2	41.5	40.9	40.5	40.8	41.0	40.0	40.5	40.2	39.7

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, and Pickaway Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision". (b) Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. (c) Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products.

Ohio Department of Job and Family Services
Bureau of Labor Market Information
Columbus 43215 February 2003

Dayton-Springfield MSA
Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	43.8	43.0	44.1	43.1	44.3	43.0	43.5	42.0	44.1	44.1	44.5	45.1	45.2
Durable Goods ^b	44.3	43.4	44.5	43.6	45.0	43.4	44.1	42.6	44.4	44.5	45.0	45.7	45.6
Fabricated Metal Products	41.8	41.0	41.8	40.0	42.2	41.3	41.5	40.6	42.8	42.5	42.2	43.4	42.9
Industrial Machinery and Equipment	46.3	45.6	46.4	45.6	46.8	45.1	46.1	45.5	46.0	46.6	46.9	47.1	47.9
Metalworking Machinery	46.1	46.6	45.9	46.2	46.2	45.3	43.9	45.0	45.9	44.3	48.0	46.9	48.6
General Industrial Machinery	44.7	43.8	44.0	40.6	44.8	43.1	45.8	44.1	46.9	42.7	42.3	49.0	49.5
Electronic and Other Electric Equipment	42.1	38.1	42.6	40.1	43.1	41.9	42.9	42.2	42.8	41.4	42.8	43.6	43.5
Transportation Equipment	45.1	44.0	45.5	44.2	45.9	44.0	44.7	41.3	45.3	45.5	46.7	47.2	47.0
Motor Vehicles and Equipment	44.7	43.3	44.7	43.6	45.6	43.8	44.5	40.8	45.0	45.4	46.5	46.8	46.5
Nondurable Goods ^c	42.2	41.6	42.6	41.6	41.8	41.7	41.4	39.9	43.1	42.9	42.7	43.5	43.6
Food and Kindred Products	39.1	37.9	36.3	38.8	38.8	37.4	35.6	40.7	41.7	41.4	41.2	40.8	38.1
Paper and Allied Products	40.0	39.5	41.9	39.7	38.1	38.2	38.7	39.4	39.7	40.4	41.0	41.7	42.2
Printing and Publishing	40.9	41.5	41.2	39.2	40.1	40.1	40.1	40.7	41.2	41.7	40.6	42.5	41.8
Rubber and Miscellaneous Plastics Products	44.6	43.5	44.7	43.7	44.8	44.9	45.3	39.3	45.8	45.7	44.9	45.2	46.8
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	38.8	38.4	39.0	38.8	39.6	39.5	39.8	39.2	38.8	37.7	38.6	38.1	38.3
Communications	35.0	35.1	35.3	35.2	35.8	35.9	36.4	36.0	34.9	33.2	35.1	33.6	32.4
Wholesale Trade	39.2	38.1	38.9	38.0	38.6	39.1	38.8	38.2	39.3	39.8	40.7	40.0	40.0
Retail Trade	27.7	26.5	28.0	27.9	28.2	28.2	28.2	28.3	28.4	27.2	26.9	26.6	27.4
General Merchandise Stores	28.0	25.5	28.0	28.7	29.1	29.0	28.2	28.5	28.0	27.5	27.0	27.2	29.3
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	31.4	32.9	32.7	32.9	32.4	32.9	32.9	31.0	30.8	29.4	29.3	29.7	29.9

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision". (b) Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. (c) Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products.

Ohio Department of Job and Family Services
Bureau of Labor Market Information
Columbus 43215 February 2003

Hamilton-Middletown PMSA
Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	46.0	46.6	46.7	46.0	46.1	46.0	46.6	45.3	45.2	45.7	45.9	45.1	47.0
Durable Goods ^b	46.0	46.2	46.5	46.1	45.9	45.3	47.3	45.5	45.3	45.1	45.3	45.5	48.1
Primary Metal Industries	49.9	49.0	49.4	50.0	50.7	48.9	52.5	49.5	49.1	48.5	48.4	49.1	54.1
Fabricated Metal Products	41.5	43.4	43.2	43.1	42.0	41.8	41.7	41.5	39.3	38.7	40.2	40.0	42.3
Industrial Machinery and Equipment	44.5	46.5	45.7	44.7	42.7	43.1	44.1	44.8	43.0	44.5	45.4	45.3	44.8
Nondurable Goods ^c	46.0	47.7	47.2	45.8	46.5	48.0	44.9	44.7	45.1	47.1	47.1	44.1	44.5
Paper and Allied Products	49.1	49.8	49.2	48.8	49.7	48.9	49.0	47.5	48.6	51.5	51.9	46.9	48.1
Paper Mills	50.8	53.9	52.4	50.1	51.6	48.5	50.3	48.8	49.9	54.5	54.3	48.1	47.5
Wholesale Trade	41.8	41.0	40.5	40.0	40.5	41.3	42.3	41.5	42.0	42.9	42.7	43.0	43.2
Retail Trade	25.8	24.8	25.4	26.4	26.2	26.4	26.8	26.4	25.8	25.0	25.2	25.4	25.5

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Hamilton-Middletown area is defined as Butler County. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision". (b) Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. (c) Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products.

Ohio Department of Job and Family Services
Bureau of Labor Market Information
Columbus 43215 February 2003

Lima MSA

Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	43.3	41.9	42.9	42.9	42.8	42.8	42.6	42.7	44.0	44.5	43.0	44.2	44.8
Durable Goods ^b	43.1	41.4	43.0	43.3	42.8	42.6	42.3	42.5	44.0	44.1	42.9	43.8	44.6
Fabricated Metal Products	42.5	41.3	42.7	43.8	41.3	40.4	41.4	41.9	43.5	42.8	42.6	43.5	45.1
Industrial Machinery and Equipment	41.2	39.3	41.1	40.1	41.2	41.6	40.5	41.4	41.4	42.1	41.4	41.7	43.1
Transportation Equipment	45.4	44.1	44.7	46.2	45.2	45.3	44.7	44.5	47.0	46.8	44.7	45.7	45.4
Motor Vehicles and Equipment	45.4	44.3	44.8	46.5	45.4	45.5	44.7	44.4	47.1	47.0	44.6	45.7	45.3
Nondurable Goods ^c	43.7	43.1	42.5	41.8	43.0	43.4	43.3	43.2	43.9	45.9	43.4	45.6	45.1
Food and Kindred Products	40.3	38.8	39.9	38.6	40.9	41.3	41.2	40.0	38.7	42.5	40.8	41.3	40.0
Rubber and Miscellaneous Plastics Products	44.8	45.7	44.0	43.3	45.2	45.0	43.8	44.8	47.0	46.5	43.6	44.9	44.0
Wholesale Trade	38.6	39.0	39.0	38.3	39.5	38.5	38.8	39.5	38.8	38.0	38.5	37.4	37.6
Retail Trade	27.2	25.7	26.5	26.6	27.1	27.2	27.6	27.6	27.6	27.9	27.2	27.2	27.9
General Merchandise Stores	26.3	25.1	25.6	25.8	26.1	26.1	26.1	27.0	26.4	26.3	26.3	26.1	28.8

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Lima area is defined as Allen and Auglaize Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision". (b) Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. (c) Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products.

Ohio Department of Job and Family Services
 Bureau of Labor Market Information
 Columbus 43215 February 2003

Mansfield MSA

Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	43.7	43.0	43.8	43.7	43.9	43.4	44.1	41.8	43.2	43.8	43.4	44.6	45.5
Durable Goods ^b	43.9	43.1	44.1	43.8	43.9	43.4	44.1	41.7	43.6	44.2	44.0	45.1	46.0
Fabricated Metal Products	46.4	44.9	46.0	45.4	45.3	45.7	47.7	40.5	46.7	48.9	46.8	49.0	50.4
Nondurable Goods ^c	42.4	42.2	42.7	43.4	43.7	43.3	43.7	42.0	41.3	41.7	40.3	41.8	43.2
Wholesale Trade	38.5	39.7	38.4	37.9	38.2	38.6	38.5	38.5	38.4	38.1	38.5	38.8	38.2
Retail Trade	28.7	26.7	29.1	28.5	28.9	29.3	29.0	29.5	28.7	28.6	28.2	28.5	28.9

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Mansfield area is defined as Crawford and Richland Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision". (b) Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; industrial machinery and equipment; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. (c) Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products.

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Steubenville-Weirton MSA

Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	41.1	41.5	41.1	40.7	41.3	41.3	40.5	39.7	40.3	41.1	41.7	42.4	42.0
Durable Goods ^b	40.9	41.3	41.0	40.6	41.1	41.2	39.9	39.3	40.0	40.8	41.5	42.3	41.6
Primary Metal Industries	40.9	41.8	40.6	40.5	41.0	41.1	39.7	39.4	40.3	41.0	41.2	42.4	41.3
Nondurable Goods ^c	43.3	43.2	42.1	41.5	42.9	42.9	44.9	43.2	43.0	43.7	44.0	43.2	45.2
Wholesale Trade	39.4	39.2	39.0	39.5	39.8	39.4	39.7	38.3	38.3	38.6	39.9	39.3	41.1
Retail Trade	28.7	26.7	28.2	27.9	28.5	28.9	29.3	28.9	29.1	27.9	29.1	29.4	29.9

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Steubenville-Weirton area is defined as Jefferson County, Ohio; Brooke and Hancock Counties, West Virginia. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision". (b) Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; fabricated metal products; industrial machinery and equipment; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. (c) Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products.

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Toledo MSA
Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	44.2	43.5	44.2	43.5	45.6	43.8	44.9	42.5	43.3	45.8	43.9	43.8	45.9
Durable Goods ^b	43.9	43.2	43.9	43.1	45.5	43.3	44.8	42.0	43.1	45.6	43.2	43.3	45.7
Stone, Clay, and Glass Products	43.9	42.7	43.2	42.2	41.9	42.6	43.6	43.1	44.5	44.2	46.3	47.3	45.1
Primary Metal Industries	43.0	42.0	41.9	41.6	41.3	44.0	45.1	43.4	43.7	42.1	42.4	42.3	45.6
Fabricated Metal Products	42.2	43.1	42.3	41.9	42.7	40.7	41.7	40.8	42.8	43.6	42.3	42.0	42.1
Metal Forgings and Stampings	45.0	45.9	44.3	44.2	45.1	45.5	45.6	42.6	46.6	47.1	45.9	43.4	43.4
Industrial Machinery and Equipment	42.9	43.6	43.8	42.7	41.3	41.8	42.8	42.8	43.4	42.4	43.1	43.3	44.5
Transportation Equipment	46.2	44.5	46.3	45.1	50.8	46.0	48.3	41.8	43.3	50.1	43.7	43.6	49.8
Nondurable Goods ^c	45.2	44.3	45.3	44.7	45.9	45.3	45.0	44.1	43.8	46.2	45.9	45.6	46.6
Food and Kindred Products	54.9	52.8	55.6	49.7	56.3	54.6	55.0	54.2	54.1	55.5	57.4	56.5	57.3
Rubber and Miscellaneous Plastics Products	42.7	41.5	42.3	42.3	43.0	43.6	43.1	41.1	40.6	43.0	43.0	42.4	46.7
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	35.2	32.2	32.0	32.3	33.6	35.3	36.3	36.6	36.1	37.7	36.0	36.9	38.7
Wholesale Trade	38.3	37.8	37.8	38.2	38.9	38.8	38.3	38.3	38.9	37.9	38.1	38.2	37.9
Retail Trade	27.8	26.7	27.4	27.7	28.1	28.3	27.9	28.4	28.4	27.2	27.7	27.5	28.2

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision". (b) Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. (c) Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products.

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Youngstown-Warren MSA

Average Weekly Hours of Production and Nonsupervisory Workers, 1999^a

Industry	Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.1	41.1	42.4	42.3	42.1	41.5	41.3	39.7	41.3	42.1	42.9	43.1	44.8
Durable Goods ^b	42.2	41.4	42.6	42.4	42.4	41.8	41.3	39.6	41.5	42.3	43.1	43.2	44.9
Primary Metal Industries	42.5	41.5	42.0	42.2	42.3	42.4	42.3	40.8	41.4	42.0	43.9	44.4	44.9
Blast Furnace and Basic Steel Products	44.5	41.3	43.4	44.5	44.9	45.8	45.9	45.8	44.6	41.6	43.4	45.5	47.5
Fabricated Metal Products	40.7	40.3	42.1	41.6	41.9	39.0	38.4	38.6	40.7	42.3	42.5	40.9	40.5
Industrial Machinery and Equipment	42.5	44.4	43.8	43.1	43.3	42.0	41.6	40.5	41.9	40.6	40.5	43.4	44.5
Transportation Equipment	42.6	39.3	41.6	42.5	42.3	42.9	41.9	37.7	41.5	43.8	43.9	44.1	50.1
Nondurable Goods ^c	41.1	39.1	40.4	41.5	40.1	40.0	41.6	40.9	40.2	41.4	41.5	42.3	44.0
Wholesale Trade	38.8	37.9	38.2	37.7	37.7	39.0	39.0	40.0	39.1	39.2	38.9	39.0	39.3
Retail Trade	29.2	28.8	30.2	29.6	29.6	29.6	29.0	29.1	29.2	28.7	28.7	28.4	29.8

(a) Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Columbiana, Mahoning, and Trumbull Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision". (b) Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. (c) Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products.

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