



Economic Indications for the Future

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Current emphasis on the factors that influence and are influenced by the status of the economy sparked a recent study by the Job Service of Iowa Research and Analysis department, in cooperation with the United States Department of Labor.

The project is geared to the needs of the "planners"... in business, government, education and training. Conclusions drawn concerning the interwoven relationships of national and state economic indicators, business cycles and economic activity are reliable guideposts in evaluation of the present and in future projections.

Included in this issue are the major conclusions drawn from the study. Detailed data and further explanation of the results will soon be published and will be available without charge. If you're interested, send a request for "LMI Research" to Job Service of Iowa, 1000 East Grand, Des Moines 50319.

Summary

The American free-market economy has a history of rapid growth and an increasing standard of living for the majority of its citizens. However, the price of high growth has been instability; the nation's economy tends to experience spurts of rapid growth followed by periods of stagnation or decline. A key element in minimizing the social and economic costs of these periods of decline is an understanding of the relationship between national events and the corresponding changes in a local area. This study examined the relationship between one national business cycle and employment and income in Iowa. It also explored the development of an indicator of future change in Iowa's economy and, specifically, in the Iowa labor market. A summary of the findings follows:

- Iowa's economy tends to experience less severe fluctuations than the nation's, and changes in economic activity in the state tend to lag similar changes nationally.
- The index of five leading economic indicators developed for Iowa—initial claims for Job Insurance benefits, average weekly overtime hours in manufacturing, an index of prices of stocks of Iowa-based corporations, residential building activity and the manufacturing layoff rate—led changes in economic activity by an average of 8.8 months between 1970 and 1979. The index performed better preceding recession periods, averaging 12 months' lead, than preceding periods of recovery, when the lead average was 5.5 months.
- A number of Iowa's basic industries, those with an especially heavy concentration of employment, are tied to the state's agricultural sector. These, and heavy concentrations of employment in some of the service-producing industries, help to stabilize the economy. The greatest rates of employment growth since 1950 have occurred in the service-producing sector. Within the goods-producing sector, most growth was concentrated in durable goods manufacturing.
- Total personal income has grown more slowly in Iowa than nationally since 1958. However, growth was more rapid in some components, including: wage and salary disbursements and dividend income. Local factors had less of a buoyant effect on personal income than on employment during the 1973-75 recession. Only wage and salary income showed significant local influence during the period.

LABOR MARKET BRIEFS

The National Scene . . .

Both the number of unemployed workers, 7.9 million, and the overall unemployment rate, 7.5 percent, were about the same as the October levels and have shown little movement since August. These levels represented a slight improvement from the May to July period. The number of unemployed persons in November was 1.7 million higher than a year earlier (See Table A).

The number of employees on nonagricultural payrolls rose by 270,000 to 90.9 million in November, the fourth consecutive monthly advance. Since July, the number of payroll jobs has increased by more than one million.

Average weekly earnings were \$243.92, up 1.76 over the month and \$18.22 from a year earlier.

and in Iowa . . .

Iowa's number of unemployed was estimated at 63,800 for November 1980. This was relatively unchanged from the previous month but still substantially above the year ago figure of 40,900 unemployed, which was 2.8 percent of the labor force. Since June of this year, with the exception of August, the rate has moved steadily downward.

Nonagricultural employment rose in Iowa by 8,100 from October. Most of the increase was the result of recalls in the manufacturing sector. Durable goods manufacturing registered most of the increase.

Nonmanufacturing employment pitted seasonal upswings in trade and local government against declines in construction and services.

Workers in Iowa's private sector earned \$245.97 a week during November, \$2.17 more than during October. The largest single increase in weekly earnings occurred in construction machinery - a gain of \$34.59.

Table A. Major indicators of labor market activity, seasonally adjusted

CATEGORY	Quarterly Averages			Monthly Data			Oct. - Nov. change
	1979 III	II 1980	III	Sept.	1980 Oct.	Nov.	
HOUSEHOLD DATA							
Thousands of persons							
Civilian labor force.....	103,238	104,701	105,087	105,034	105,180	105,320	140
Total employment.....	97,231	96,893	97,070	97,207	97,176	97,396	220
Unemployment.....	6,008	7,808	8,017	7,827	8,005	7,924	- 81
Not in labor force.....	58,568	59,103	59,388	59,633	59,704	59,762	58
Discouraged workers.....	731	917	969	N.A.	N.A.	N.A.	N.A.
Percent of labor force							
Unemployment rates:							
All workers.....	5.8	7.5	7.6	7.5	7.6	7.5	-0.1
Adult men.....	4.2	6.4	6.7	6.7	6.4	6.3	-0.1
Adult women.....	5.6	6.5	6.4	6.1	6.8	6.7	-0.1
Teenagers.....	16.2	18.0	18.5	17.5	18.4	18.7	0.3
White.....	5.1	6.6	6.8	6.5	6.7	6.6	-0.1
Black and other.....	10.9	13.4	14.0	14.2	14.3	14.0	-0.3
Hispanic origin.....	8.2	10.2	11.0	11.3	10.9	10.1	-0.8
Full-time workers.....	5.3	7.2	7.4	7.3	7.3	7.3	0
ESTABLISHMENT DATA							
Thousands of jobs							
Nonfarm payroll employment.....	90,186	90,489	90,131	90,384	90,612p	90,880p	268p
Goods-producing industries.....	26,555	25,763	25,317	25,476	25,613p	25,766p	153p
Service-producing industries.....	63,632	64,726	64,814	64,908	64,999p	65,114p	115p
Hours of work							
Average weekly hours:							
Total private nonfarm.....	35.6	35.1	35.1	35.2	35.2p	35.3p	0.1p
Manufacturing.....	40.1	39.4	39.3	39.6	39.6p	39.7p	0.1p
Manufacturing overtime.....	3.3	2.7	2.6	2.7	2.8p	2.9p	0.1p

EMPLOYERS' PAGE

Analysis and Planning Aids

A variety of publications that provide assistance in industrial and employment analysis and planning have been prepared by the Job Service Research and Analysis department, in conjunction with the United States Department of Labor. In some instances, the data is available for particular cities or areas in the state, as well as for the state as a whole.

Listed below are publications you may find helpful. They are available upon request without charge.

- *Labor Area Summary*—Monthly newsletters providing overviews of employment conditions in selected labor market areas. Included are narrative analyses of labor force and unemployment statistics, recent developments, applicant supply, job openings and other relative topics.

- *Wage Surveys*—Annual publication showing prevailing salary standards for various types of occupations within the state and given areas of the state.

- *Compensation by County*—Monthly report on amounts of unemployment benefit payments and number of weeks compensated per program, statewide and all counties.

- *Covered Employment and Wages*—Annual publication on statewide and county-by-county covered employment and wages, reported by employers subject to the Iowa Employment Security Law.

- *Resource Handbook of Facts and Figures*—Annual handbook containing definitions and concepts relative to activities, programs and statistics associated with Job Service and the Job Insurance system. Includes summary tables of area, state and national data on population, Job Insurance and labor market information.

- *Characteristics of the Insured Unemployed*—Quarterly publication containing information about individuals receiving unemployment insurance.

- *Supply/Demand Analysis*—Quarterly report of data relative to Job Service applicants, job openings and placements. Includes number of openings, duration of unfilled openings, applicant characteristics by occupation category and supply/demand ratio by occupational segment.

- *Agricultural Employment*—Annual summary of total number of individuals employed in agriculture on a monthly basis for counties and the state.

- *Annual Planning information*—Annual report containing statistical description and definition of subject area, characteristics of the labor force, employment development and outlook according to industry and occupation,

trends in unemployment and the existing manpower conditions within the area. Also includes projections of the population, labor force and unemployment for the planning year.

- *Annual Planning Information for Vocational Education*—Annual publication presenting statewide occupational supply and demand information by major occupational groups and some specific occupations, to aid in preparation and utilization of Iowa's labor force.

- *Occupational Employment Statistical Survey*—Annual summary of survey furnishing a measure of occupations in various industries. The first report will be available in the near future.

- *Occupational Outlook*—Biannual publication highlighting 1985 projected industry and occupational growth and job opportunities. Presents industrial/occupational staffing patterns showing kinds of jobs found in the major industrial groups. Included also are profiles of jobs in greatest demand, listing skill, education or training requirements, to aid counselors, educators and future workers.

If you would like to receive any of the publications listed, forward your request to:

Research and Analysis
Job Service of Iowa
1000 East Grand Avenue
Des Moines, Iowa 50319

JSIP News

Nick Holdt has resigned the chairmanship of the Job Service Improvement Program committee due to the demands of a new business.

The new chairman is Jackie Van Ahn, Personnel Staff Assistant, Farm Bureau Insurance, 5400 University Avenue, West Des Moines, Iowa.



Table III - Hours and Earnings of Iowa Production or Nonsupervisory Workers 1/

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings			Average Weekly Overtime Hours 1/		
	Nov. 1980	Oct. 1980	Nov. 1979	Nov. 1980	Oct. 1980	Nov. 1979	Nov. 1980	Oct. 1980	Nov. 1979	Nov. 1980	Oct. 1980	Nov. 1979
TOTAL PRIVATE	\$245.97	\$243.80	\$231.98	35.7	35.8	36.3	\$ 6.89	\$ 6.81	\$ 6.39	•	•	•
MANUFACTURING	369.79	349.88	332.92	39.8	39.2	41.0	9.04	8.92	8.12	2.9	2.8	3.9
Durable Goods.....	381.40	364.02	337.41	39.9	39.6	41.4	9.06	8.94	8.15	2.4	2.6	3.6
Lumber & furniture.....	294.35	289.37	242.08	40.6	38.1	37.3	7.25	7.07	6.49	2.9	0.9	0.8
Stone, clay & glass products.....	357.83	360.23	334.91	42.7	44.2	44.3	8.38	8.15	7.86	5.8	6.4	6.2
Primary metal industries.....	438.70	449.10	405.45	42.8	43.1	44.9	10.25	10.42	9.03	5.0	5.3	5.7
Fabricated metal products.....	291.53	285.05	284.42	40.1	39.7	39.0	7.27	7.18	6.78	2.0	1.8	2.3
Machinery except electrical.....	433.92	430.45	410.24	39.7	39.8	42.8	10.93	10.87	9.63	2.2	3.1	4.8
Farm machinery.....	467.28	480.00	427.85	39.4	40.0	42.7	11.86	12.00	10.02	3.4	4.9	5.8
Construction & related machinery.....	444.77	410.18	442.80	39.5	37.7	42.7	11.28	10.88	10.37	1.0	1.1	4.1
Electrical equipment & supplies.....	289.91	295.07	277.31	39.0	38.5	39.9	7.69	7.89	6.96	1.2	1.2	1.7
Transportation equipment.....	259.18	259.82	237.37	38.0	37.6	40.3	6.82	6.91	5.89	1.5	1.8	2.1
Other durable goods.....	239.32	237.36	231.01	38.6	38.1	40.6	6.20	6.23	5.89	1.3	1.1	2.7
Nondurable Goods.....	366.40	344.93	324.41	39.6	38.8	40.2	9.00	8.89	8.07	3.8	3.2	4.4
Food & kindred products.....	409.04	389.83	376.85	40.7	39.1	41.7	10.05	9.97	9.03	5.0	4.0	6.2
Meat products.....	469.89	437.36	414.54	40.2	38.5	42.0	11.44	11.36	9.87	5.3	4.1	6.8
Grain mill products.....	352.86	362.99	383.31	40.6	39.2	40.1	9.43	9.26	9.06	4.4	3.6	6.3
Apparel & other textile products.....	181.21	181.81	148.39	34.3	34.6	35.5	4.70	4.69	4.18	1.0	1.0	1.7
Paper & allied products.....	290.29	291.72	283.46	41.0	40.8	40.1	7.08	7.16	6.57	3.7	3.2	3.2
Printing & publishing.....	290.97	293.23	270.46	36.1	36.7	38.2	8.06	7.99	7.08	2.4	2.4	3.4
Newspapers.....	213.90	216.91	200.86	31.0	31.3	31.6	6.90	6.93	6.35	1.6	1.8	2.4
Chemicals & allied products.....	386.03	389.77	325.54	41.5	41.4	41.0	8.82	8.89	7.94	2.2	2.5	2.4
Rubber & plastic products, nec.....	357.69	340.69	318.77	40.6	39.8	39.1	8.81	8.58	8.14	3.3	2.4	2.8
Other nondurable goods.....	187.45	187.11	168.46	38.1	37.8	38.2	4.92	4.85	4.41	0.7	0.6	1.3
NONMANUFACTURING	212.87	214.02	200.10	34.5	34.8	34.8	6.17	6.15	5.75	•	•	•
Mining.....	317.83	318.07	325.53	45.6	45.7	49.1	6.97	6.86	6.83	•	•	•
Contract construction.....	427.89	424.08	383.37	38.6	38.8	39.0	11.08	10.93	9.83	•	•	•
Transportation & public utilities.....	388.95	386.92	343.89	40.6	40.6	41.1	9.58	9.53	8.36	•	•	•
Wholesale & retail trade.....	178.53	178.95	171.88	33.0	33.2	34.2	5.41	5.39	5.02	•	•	•
Finance, insurance & real estate.....	193.88	194.93	184.23	36.9	36.3	36.7	6.49	6.37	5.02	•	•	•
Services.....	176.44	176.30	153.82	33.8	34.1	32.2	5.22	5.17	4.78	•	•	•

1/ Estimates based upon a sample of full and part-time production and related employees, who worked during or received pay for the payroll period which includes the 12th of the month. Besides changes in basic hourly and incentive wage rates, average hourly earnings reflect such variable factors as overtime premium pay, late shift work, and changes in output of workers paid on an incentive basis. They also reflect changing employment of workers between relatively high-paid and low-paid work, and full-time and part-time status. Revised to most current information available at publication. (March, 1978 benchmark levels) *Data not available

Table IV - Iowans Receiving Job Insurance 1/

	Total			Women			Unemployed 5 Weeks or Longer		
	Nov. 1980	Oct. 1980	Nov. 1979	Nov. 1980	Oct. 1980	Nov. 1979	Nov. 1980	Oct. 1980	Nov. 1979
Total	29,573	33,813	14,588	9,074	9,942	5,384	18,917	19,889	6,897
Contract Construction.....	4,088	3,020	2,487	192*	187*	108*	1,739	1,837	781
Manufacturing.....	12,755	17,940	5,118	3,573	4,191	2,029	6,124	10,046	2,810
Durable Goods.....	10,138	14,879	3,177	2,895	3,024	1,141	7,409	8,046	1,576
Nondurable Goods.....	2,619	2,961	1,942	978*	1,168*	888	1,715	1,999	936
Trade.....	6,361	6,683	2,988	2,801	2,766	1,282	4,116	4,368	1,531
Services.....	3,327	3,204	2,033	1,780	1,854	1,248	2,077	2,047	1,147
All Other Industries.....	3,063	3,064	1,953	1,028*	1,163	707	1,882	1,782	988

1/ Insured unemployed counted during the week including the 12th and based on a survey of claims filed during the week including the 19th.
* Less than 5 per cent of total insured unemployed.

Table V Continued

County - Labor Area	1/Labor Force	Unemployed	Unadjusted Rate	2/Employment	3/Nonag Wage and Salary	4/Self-Employed, Unpaid Family, Domestic	Agriculture
Ida - Ida Grove	4,460	80	1.8	4,380	2,350	750	1,280
Iowa - Marengo	9,430	180	1.9	9,240	6,330	1,190	1,720
Jackson - Maquoketa	10,130	770	7.6	9,370	6,210	1,160	2,000
Jasper - Newton	16,270	940	5.8	15,330	11,670	1,690	1,960
Jefferson - Fairfield	7,740	350	4.5	7,390	5,500	970	930
Johnson - Iowa City	45,240	1,200	2.7	44,030	38,890	3,220	1,920
Jones - Anamosa	9,920	510	5.1	9,410	6,420	1,180	1,610
Keokuk - Sigourney	5,180	280	5.5	4,900	2,650	620	1,630
Kossuth - Algona	11,190	570	5.1	10,620	6,320	1,670	2,640
Lee - Ft. Madison - Keokuk	21,160	1,170	5.5	19,990	16,980	2,010	990
Linn - Cedar Rapids SMSA	89,800	5,200	5.8	84,600	76,400	5,800	2,400
Louisa - Wapello	5,490	130	2.4	5,360	4,180	490	690
Lucas - Chariton	4,700	210	4.5	4,490	3,180	520	780
Lyon - Rock Rapids	6,210	200	3.2	6,010	3,380	890	1,740
Madison - Winterset	5,660	250	4.4	5,410	3,580	590	1,250
Mahaska - Okaloosa	9,970	400	4.0	9,580	6,850	1,250	1,480
Marion - Knoxville	16,000	420	2.7	15,580	12,890	1,620	1,270
Marshall - Marshalltown	19,870	910	4.6	18,960	15,170	2,040	1,750
Mills - Glenwood	6,790	160	2.4	6,630	4,960	600	1,080
Mitchell - Osage	6,050	340	5.6	5,710	3,340	900	1,470
Monona - Onawa	5,200	210	3.9	4,990	2,930	770	1,290
Monroe - Albia	5,080	210	4.2	4,870	3,690	610	570
Montgomery - Red Oak	6,490	230	3.6	6,260	4,320	780	1,160
Muscatine - Muscatine	19,820	700	3.5	19,120	16,160	1,720	1,250
O'Brien - Sheldon	7,640	180	2.4	7,460	4,990	1,210	1,580
Osceola - Sibley	3,450	140	4.0	3,310	1,930	500	990
Page - Shenandoah	9,150	310	3.3	8,850	6,050	990	1,610
Palo Alto - Emmetsburg	5,400	280	4.8	5,140	3,120	820	1,200
Plymouth - Le Mars	11,440	390	3.4	11,050	7,410	1,100	2,550
Pocahontas - Pocahontas	4,680	170	3.7	4,510	2,500	620	1,390
Polk - (Part of Des Moines SMSA)							
Poweshiek - Grinnell	40,300	2,000	5.1	38,300			
Pottawattamie - (Part of OMAHA SMSA)	10,160	340	3.3	9,820	7,020	1,050	1,750
Ringgold - Mount Airy	3,100	80	2.6	3,020	1,410	440	1,170
Sac - Sac City	6,280	180	2.9	6,100	3,330	850	1,920
Scott - (Part of DRIM SMSA)	72,900	3,500	4.8	69,400			
Shelby - Harlan	6,680	190	2.8	6,500	3,670	940	1,690
Sioux - Orange City	16,090	520	3.3	15,570	10,330	2,290	2,990
Story - Ames	41,580	1,200	2.9	40,380	34,480	3,580	2,320
Tama - Tama-Toledo	9,710	210	2.1	9,500	6,110	1,250	2,180
Taylor - Bedford	3,240	70	2.3	3,160	1,380	470	1,320
Union - Creston	7,440	240	3.2	7,200	5,290	690	690
Van Buren - Keosauqua	3,780	230	6.0	3,550	2,320	490	750
Wapello - Ottumwa	17,210	1,140	6.6	16,070	13,510	1,500	780
Warren - (Part of Des Moines SMSA)							
Washington - Washington	9,990	270	2.8	9,710	6,590	1,390	1,500
Wayne - Corydon	3,740	90	2.5	3,650	2,080	500	1,090
Webster - Fort Dodge	22,070	990	4.5	21,080	17,520	1,990	1,590
Winnebago - Forest City	5,650	310	5.4	5,340	3,690	710	980
Winneshiek - Decorah	11,800	440	3.7	11,360	7,330	1,470	2,690
Woodbury - (Part of Sioux City SMSA)	46,900	2,400	5.1	44,500			
Worth - Northwood	3,940	230	5.7	3,720	2,350	390	690
Wright - Clarion	7,370	230	3.1	7,180	4,720	920	1,510

Table VI Selected Characteristics of the Insured Unemployed by Industry and Occupation in Iowa 1/
November 1980

Industry and Occupation	Total	Nonwhite	Male	Age Group		Weeks Claimed	
				Under 25	Over 45	Under 5	Over 15
Industry							
Total.....	34,259	876	23,824	10,919	6,291	6,136	16,570
Mining.....	125	0	110	41	30	20	70
Contract Construction.....	4,173	88	3,958	1,283	974	546	2,135
Manufacturing.....	17,859	414	12,765	5,527	2,717	3,665	8,962
Durable Goods.....	15,539	350	11,554	4,899	2,308	3,317	7,946
Nondurable Goods.....	2,320	64	1,211	628	409	348	1,116
Public Utilities.....	877	14	640	200	203	166	394
Wholesale and Retail Trade.....	6,017	116	3,615	2,270	1,196	865	2,885
Finance, Insurance and Real Estate.....	463	18	191	149	87	87	187
Services.....	2,656	88	1,134	791	689	478	1,067
State and Local Government.....	278	11	119	79	67	60	93
Information Not Available.....	1,811	129	1,292	579	348	249	777
Occupation							
Prof./Tech./Managerial.....	1,693	45	1,008	320	398	231	776
Clerical/Sales.....	3,334	69	859	1,067	745	433	1,551
Service.....	1,460	50	858	508	413	211	653
Farming/Fishing/Forestry.....	162	6	118	80	28	31	45
Industrial Categories:							
By Type of Work							
Processing.....	867	48	687	351	119	83	443
Machine Trades.....	2,379	43	2,021	904	245	170	1,291
Bench Work.....	2,190	55	886	680	277	236	1,129
Structural Work.....	2,653	46	2,522	1,172	303	269	1,441
Miscellaneous.....	2,552	78	2,107	1,023	358	283	1,287
By Complexity							
High.....	1,072	15	1,005	327	166	111	530
Medium.....	1,384	35	1,073	607	182	148	693
Low.....	4,312	125	2,775	1,798	862	426	2,281
Information Not Available.....	16,979	436	13,040	4,614	3,405	4,189	7,954

1/ Data covers individuals claiming benefits for the week including the 12th of the month. Compiled as part of a cooperative program with the Employment and Training Administration, U.S. Department of Labor.

Table VII - Gross and Spendable Average Weekly Earnings of Iowa Production or Nonsupervisory Workers

	Gross Average Weekly Earnings			Spendable Average Weekly Earnings					
				Worker With No Dependents			Married Worker With Three Dependents		
	Nov. 1980	Oct. 1980	Nov. 1979	Nov. 1980	Oct. 1980	Nov. 1979	Nov. 1980	Oct. 1980	Nov. 1979
TOTAL PRIVATE.....	\$245.97	\$243.80	\$231.86	\$189.04	\$187.84	\$180.00	\$207.54	\$206.00	\$197.89
MANUFACTURING.....	359.79	349.88	332.92	258.86	262.88	243.01	286.81	279.90	266.49
Durable Goods.....	361.49	354.02	337.41	259.86	265.46	245.86	287.97	282.88	271.55
Nondurable Goods.....	356.40	344.93	324.41	258.86	260.10	237.99	284.50	275.88	262.89
NONMANUFACTURING.....	212.87	214.02	200.10	167.16	167.93	158.45	183.79	184.84	174.40
Mining.....	317.83	318.07	325.53	234.11	234.26	238.86	258.20	268.37	263.45
Contract Construction.....	427.89	424.08	383.37	296.52	294.55	272.23	331.85	329.32	302.88
Transportation & Public Utilities.....	388.95	386.92	343.60	275.31	274.19	249.31	308.57	305.24	275.77
Wholesale & Retail Trade.....	178.53	178.95	171.88	143.64	143.94	138.80	160.17	160.43	155.86
Finance & Real Estate.....	193.86	194.93	184.23	154.20	154.93	147.84	169.80	170.59	163.73
Services.....	176.44	176.30	163.92	142.16	142.07	126.11	158.85	158.75	144.58

Table VIII Iowa Nonagricultural Employment 1/

(By Place of Work)

	Nov. 1980	Oct. 1980	Nov. 1979	Change From:	
				Oct. 1980 to Nov. 1980	Nov. 1979 to Nov. 1980
TOTAL NONAGRICULTURAL.....	1,109,600	1,104,500	1,148,200	5,100	- 38,600
MANUFACTURING.....	236,700	231,300	260,700	5,400	- 24,000
DURABLE GOODS.....	143,100	138,200	164,100	4,900	- 21,000
Lumber & furniture.....	8,800	8,800	9,700	0	- 900
Stone, clay & glass products.....	6,500	6,700	7,600	- 200	- 1,100
Primary metal industries.....	7,900	7,900	9,100	0	- 1,200
Fabricated metal products.....	17,800	17,600	19,700	200	- 1,900
Machinery except electrical.....	61,600	56,900	71,100	4,700	- 9,500
Farm machinery.....	25,500	25,400	31,200	100	- 5,700
Construction & related machinery.....	21,100	16,600	23,400	4,500	- 2,300
Electrical equipment & supplies.....	22,700	22,700	26,300	0	- 3,600
Transportation equipment.....	8,000	7,900	9,900	100	- 1,900
Other durable goods 2/.....	9,800	9,800	10,600	0	- 800
NONDURABLE GOODS.....	93,600	93,100	96,600	500	- 3,000
Food & kindred products.....	48,500	48,400	48,800	100	- 300
Meat products.....	24,700	24,500	24,900	200	- 200
Grain mill products.....	10,400	10,500	10,500	- 100	- 100
Bakery products.....	2,600	2,600	2,600	0	0
Apparel & other textile products.....	4,200	4,200	4,300	0	- 100
Paper & allied products.....	3,900	3,800	4,000	100	- 100
Printing & publishing.....	17,600	17,500	18,100	100	- 500
Newspapers.....	7,600	7,500	7,600	100	0
Chemicals & allied products.....	7,900	7,800	8,100	100	- 200
Rubber & plastics products, nec.....	9,500	9,300	11,000	200	- 1,500
Other nondurable goods 3/.....	2,100	2,100	2,300	0	- 200
NONMANUFACTURING.....	872,900	873,100	887,500	- 200	- 14,600
Nonmetallic mining.....	2,300	2,400	2,500	- 100	- 200
Contract construction.....	48,900	51,000	61,000	- 2,100	- 12,100
Transportation & public utilities.....	57,600	57,800	58,200	- 200	- 600
Railroad transportation.....	7,600	7,600	8,400	0	- 800
Communication.....	14,000	14,000	14,300	0	- 300
Electric, gas & sanitary services.....	10,600	10,600	10,400	0	200
Wholesale & retail trade.....	287,700	285,500	293,000	2,200	- 5,300
Wholesale trade.....	73,800	74,200	75,500	- 400	- 1,700
Retail trade.....	213,900	211,200	217,500	2,700	- 3,600
Retail, general merchandise.....	28,700	26,900	31,000	1,800	- 2,300
Finance, insurance & real estate.....	58,700	59,000	57,700	- 300	1,000
Banking.....	18,000	18,000	18,000	0	0
Insurance carriers & agents.....	23,800	23,900	23,000	- 100	800
Services.....	208,300	209,700	206,000	- 1,400	2,300
Medical & other health services.....	76,200	76,100	74,600	100	1,600
Government.....	209,400	207,800	209,000	1,600	400
Federal government.....	19,800	19,800	19,300	0	500
State government.....	55,200	55,400	54,800	- 200	400
Local government.....	134,400	132,500	134,900	1,900	- 500
Persons Involved in Labor-Management Disputes.....	600	300	2,400	300	- 1,800

1/ Revised to most current information available at publication. Data includes all full and part-time wage and salary workers employed during the week containing the 12th of the month. Proprietors, self-employed, domestic workers and the armed forces are excluded. Detail may not add up to total due to rounding. (March, 1978 benchmark levels)

2/ Includes ordnance & accessories, instruments & related products and miscellaneous manufacturing.

3/ Includes textile mill products, petroleum & coal products and leather & leather products.

Figures for Table IX not available at time of publication

Table X - Iowa Manufacturing Labor Turnover Rates 1/

	ACCESSION RATES									SEPARATION RATES								
	Total			New Hires			Recalls			Total			Quits			Layoffs		
	Nov. 1980	Oct. 1980	Nov. 1979	Nov. 1980	Oct. 1980	Nov. 1979	Nov. 1980	Oct. 1980	Nov. 1979	Nov. 1980	Oct. 1980	Nov. 1979	Nov. 1980	Oct. 1980	Nov. 1979	Nov. 1980	Oct. 1980	Nov. 1979
MANUFACTURING.....	2.4	2.5	2.4	0.9	1.1	1.6	1.3	1.0	0.5	3.7	6.1	3.4	0.6	0.9	1.1	2.7	4.7	1.6
Durable Goods.....	2.0	2.4	1.8	0.7	0.7	1.3	1.2	1.1	0.4	3.7	8.2	3.3	0.4	0.6	0.9	3.0	7.1	1.9
Stone, clay & glass products.....	0.6	2.6	0.7	0.3	0.9	0.6	0.2	1.7	*	7.2	1.2	3.7	0.4	0.5	1.4	6.6	0.5	2.1
Primary metal industries.....	2.6	3.2	2.2	1.3	1.2	1.7	1.2	2.1	0.5	3.2	1.1	7.9	0.6	0.7	1.4	2.5	*	5.9
Fabricated metal products.....	2.3	3.2	3.5	0.9	2.2	1.7	1.4	0.9	1.6	1.9	6.2	5.5	0.8	1.1	1.3	0.7	4.6	3.6
Machinery except electrical.....	1.6	2.7	1.4	0.3	0.4	1.0	1.2	1.1	0.2	5.4	14.7	1.5	0.2	0.3	0.6	4.9	13.9	0.5
Electrical equipment & supplies.....	1.0	1.2	2.1	0.4	0.1	1.7	0.4	0.5	0.3	0.7	2.1	1.3	0.2	0.4	0.8	0.2	1.0	0.2
Other durable goods.....	3.7	2.0	1.8	1.6	0.8	1.4	2.0	1.2	0.3	2.8	4.5	6.1	0.8	0.9	1.4	1.9	3.3	4.2
Nondurable Goods.....	2.9	2.7	3.4	1.4	1.6	2.2	1.3	0.9	0.7	3.7	3.0	3.5	0.9	1.4	1.5	2.3	1.0	1.2
Food & kindred products.....	3.0	2.7	4.0	1.6	1.5	2.5	1.3	1.0	1.2	3.4	3.3	3.9	0.9	1.4	1.6	2.0	1.3	1.7
Meat products.....	4.0	3.5	5.6	1.4	1.4	3.0	2.3	1.8	1.9	4.8	3.5	5.1	0.9	1.1	1.6	3.2	1.7	2.7
Printing & publishing.....	1.5	2.3	3.0	0.9	2.0	1.8	0.7	0.3	0.2	2.8	1.7	2.8	0.8	1.1	1.1	1.4	0.1	0.2
Rubber, plastics & leather prod.....	6.2	3.7	1.6	1.6	1.3	0.6	4.1	1.8	0.1	2.6	3.6	4.5	0.5	1.3	0.9	1.3	1.5	2.5
Other nondurable goods.....	2.0	2.5	3.2	1.2	1.7	2.7	0.6	0.7	0.3	6.2	3.0	2.6	1.0	1.5	1.9	4.7	0.9	0.1

1/ Figures presented are expressed as a rate per 100 employees. * Less than .05.

- The reasons for Iowa's insulation from the full effects of national trends are many and complex. The simplistic analytic tools in this study point to several: the state's agricultural base, although this may have been over-emphasized in the past; the ties of a number of the state's basic industries to agriculture; heavy concentrations of employment in a number of stable service-producing industries; and rather slow population growth caused by a relatively high rate of out-migration.

The outlook for the nation's economy is not very encouraging. Recovery from the current recession is not expected to be dramatic; unemployment may average over eight percent for 1981, and inflation may remain near double-digit rates.

Economic Developments and Outlook

The Nation

The nation slipped into a recession in January and experienced a sharp decline in activity during the first half of 1980, according to the Bureau of Economic Research (BER), which is responsible for determining turning points in economic activity. Available major indicators—labor force, employment and unemployment totals, real gross national product, inflation and unemployment rates—generally support that conclusion.

The State

Iowa's economy has reacted to the recession in about the same manner as the national economy. Employment in the goods-producing sector suffered the greatest losses. Changes in consumers' buying habits, which accompanied high interest rates and falling real income, resulted in employment decreases in the production of capital equipment, consumer durables and related items.

The outlook for Iowa is even more uncertain than for the nation. Improvements in economic activity appear doubtful in the near future. Continued high interest rates and gradual recovery from the recession nationally, predicted by many economists, will probably be true of the state as well.

IOWA PROFILE

Total Population (000's)	Iowa	U.S.
July 1, 1979	2,903.0	220,099
April 1, 1970	2,825.4	201,064
Percent Change	2.7	9.5
Civilian Labor Force (000's)		
1979 Annual Average	1,459.5	102,908
1978 Annual Average	1,458.7	100,420
Percent Change	0.1	2.5
Unemployment Rate		
1979 Annual Average	3.4	5.8
1978 Annual Average	3.8	6.0
Nonagricultural Wage and Salary Employment by Place of Work (000's)		
1979 Annual Average	1,128.3	89,497
1978 Annual Average	1,119.2	86,446
Percent Change	0.8	3.5

Unemployment Rates for SMSA's* and Counties with High Unemployment 1/ 1979 Annual Average

County	Unemployment Rate	SMSA	Unemployment Rate
Allamakee	4.9		
Appanoose	6.0	Cedar Rapids	3.0
Floyd	4.8	Des Moines	3.3
Jackson	4.9	Dubuque	4.6
Monroe	4.7	Iowa City	2.2
Wapello	5.6	Sioux City	5.9
Winnebago	5.3	Waterloo	
Woodbury	6.2	Cedar Falls	3.9
Worth	4.9		

* Standard Metropolitan Statistical Area

1/ Iowa Counties with 1979 Average Unemployment rates of 4.5 percent or more.

Continued on back page.

**Nonagricultural Wage and Salary Employment,
1979 Annual Average, U.S. and Iowa**

	Iowa		U.S.	
	Number (000's)	Percent	Number (000's)	Percent
Total	1,128.3	100.0	89,497	100.0
Manufacturing	258.0	22.9	20,979	23.4
Durable Goods	162.1	14.4	12,694	14.2
Nondurable Goods	95.9	8.5	8,285	9.3
Nonmanufacturing	870.3	77.1	68,518	76.6
Contract Construction	58.2	5.2	4,642	5.2
Transportation, Communication & Public Utilities	58.3	5.2	5,154	5.8
Trade	286.2	25.4	20,140	22.5
Wholesale	75.3	6.7	5,173	5.8
Retail	210.8	18.7	14,968	16.7
Finance, Insurance & Real Estate	57.0	5.1	4,964	5.5
Service & Miscellaneous*	205.3	18.2	17,995	20.1
Government	205.5	18.2	15,613	17.4
Federal	19.7	1.7	2,773	3.1
State and Local	185.7	16.5	12,840	14.3

* Includes Mining.

Tables in this publication prepared in cooperation with U.S. Department of Labor



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