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DEPARTMENT


ANNUAL MANPOWER PLANNING DATA

SUMMARY

March 1969

Cedar Rapids, Iowa, Labor Market Area 900

IOWA STATE EMPLOYMENT SERVICE  
Affiliated with  
Bureau of Employment Security

  
Robert D. Frye, Manager.

## HIGHLIGHTS AND CONCLUSIONS

Of the 8,660 individuals in the total universe of need for Linn County, Iowa, 4,100 are not disadvantaged. Of these, 1,280 are poor. Among the non-poor, 1,680 are unemployed and 1,140 are other underutilized.

The number of unemployed and underutilized disadvantaged was estimated to total 4,560 persons. Of these, 550 persons (12%) were unemployed and 4,010 individuals (87.9%) were underutilized.

Among the underutilized disadvantaged, 510 persons (12.7%) were employed part-time for economic reasons, 3,350 persons (83.5%) were employed full-time but with a family income at or below poverty levels, and 150 individuals (3.8%) were not in the labor force but should be.

Progress has been made during calendar 1969 to help alleviate barriers to the employment of the disadvantaged and to improve employability and employment services.

The Cedar Rapids local office has recently reorganized the Employability unit. A team concept has been introduced and additional personnel has been assigned to the unit.

The Employability Unit has now conducted Case Reviews of all applicants they currently are working with. These, primarily, are HRD clients, but there also are a few E.D. clients involved. Priority by the Employability Unit goes to HRD clients. Preferential treatment still applies to Veterans, and special attention is given to U.I. Claimants with Employability problems.

The four Employability Interviewers have been assigned caseloads. In addition, the Community Worker, Regular Counselor, and W.I.N. Counselor have been assigned cases. New Applicants identified as HRD, as well as renewed, and newly identified as HRD applicants, will be scheduled for assessment by the Regular Counselor. Where an applicant to be served by the Employability Unit is referred to this office by another Agency or Service, that Agency or Service is to be directed to the Regular Counselor, who will establish the necessary appointment.

In order to assure adequate service and progress, the Employability Unit will hold daily Case Review Conferences from 4:00 p.m. to 5:00 p.m. in the Conference Room. From time-to-time, Mainstream Placement Interviewers will participate in these conferences so that they will know the status of cases they are expected to assist with in placement activity.

Placement activity and job development for Employability applicants will be performed by the Employability Interviewers and the Mainstream Placement Interviewers. The Employability Interviewers, however, will handle the bulk of Selective Placement. The Community Worker and the Employer Relations representative will also assist with Selective Placement.

The development of the employability of applicants will involve a variety of activities, -- Stop-gap employment may be needed. This will be the job of both Mainstream and Employability Placement. -- The services of other agencies will be needed. To assure appointments are kept, the Community Worker and the Employability Interviewers will provide follow-through. This may include taking the client to his appointments, and reminding him in other ways of what he is to do. -- Information on services from other Agencies and client background may be needed. The Employability Interviewers and the Community Worker will perform this function, as well as the Assessment Counselor and the Employment Counselor. -- Direct selling of the program will be performed by the Employer Relations Representative. -- Personal and Telephone Job Development on a Selective Placement basis will be performed by the Employability Interviewers, the Community Worker, and the Employer Relations Representative. -- Regular Telephone Job Development will be performed by the Mainstream Placement Interviewers. -- Referral to Training will be performed by the Employability Unit for Employability clients, and by the Mainstream Unit for other clients. This includes MDTA, OJT, NYC, JOB CORPS, etc.

Follow-up for Employability clients will be the responsibility of the Employability Unit, according to who has the client in his caseload. Quality Placement is the objective; therefore, Follow-up will continue during the first six months after Placement. During the first month, weekly contacts will most likely be needed. Thereafter, it may be necessary to only make monthly contacts. These follow-up contacts are to be made with both the employer and the employee. Any problem developing may best be resolved through the Case Review procedure.

Table 1

Universe of Need--FY 1970

State and Area Linn County Base Period Used Calendar 1968

	Number of Individuals	
	Based Period	Planning
	Data	Assumption
	I	II
1. <u>Total Universe of Need</u> (Number of different individuals in year)	8,660	8,660
a. Poor	5,840	5,840
(1) Disadvantaged	4,560	4,560
(2) Other poor	1,280	1,280
b. Non-poor	2,820	2,820
(1) Unemployed	1,680	1,680
(2) Other underutilized	1,140	1,140
2. <u>Unemployed and Underutilized Disadvantaged:</u> <u>Total--by category</u>	4,560	4,560
a. Unemployed	550	550
b. Underutilized	4,010	4,010
(1) Employed part time for economic reasons	510	510
(2) Employed full time but with family income at or below poverty level	3,350	3,350
(3) Individuals not in labor force but who should be	150	150



CHARACTERISTICS OF THE DISADVANTAGED

The number of unemployed and underutilized disadvantaged in Linn County, Iowa was estimated to total 4,560 persons for calendar 1968. Of these, 550 persons (12%) were unemployed and 4,010 individuals (87.9%) were underutilized.

Among the underutilized disadvantaged, 510 persons (12.7%) were employed part-time for economic reasons, 3,350 persons (83.5%) were employed full-time but with a family income at or below poverty levels, and 150 individuals (3.8%) were not in the labor force but should be.

During March 1969, a study was made of the characteristics of all Human Resource Development applicants seeking assistance from the Cedar Rapids local office. The enclosed table contains information derived from ES-511 forms for 257 HRD clients.

The total number of HRD applicants represents approximately 6% of the total number of disadvantaged. Despite this low percentage, it is assumed that the characteristics of these applicants reflect the characteristics of all disadvantaged, based on our knowledge of the community and the opinions of CAMPS agencies.

The one exception to this is the number of females represented. This number has been increased to more accurately reflect local conditions.

Therefore, based on these assumptions, the following table represents the characteristics of the disadvantaged:

NUMBER OF DISADVANTAGED

Total	4,560
Sex	
Male	2,900
Female	1,660
Age	
16-21	1,810
22-44	2,020
45-64	710
65 and over	20
Race	
White	4,260
Negro	250
Indian	40
Spanish - American	10

HUMAN RESOURCES DEVELOPMENT APPLICANTS

March 1969

	<u>TOTAL</u>	<u>PERCENTAGE</u>	<u>MALE</u>	<u>FEMALE</u>
Total	257	100.0	180	77
Age				
16-21	102	39.7	64	38
22-44	114	44.4	88	26
45-64	40	15.5	27	13
65 and over	1	0.4	1	0
Race				
White	240	93.4	168	72
Negro	14	5.4	9	5
Indian	2	0.8	2	0
Spanish-American	1	0.4	1	0
Educational Attainment (Years of School Completed)				
0-7	29	11.3	20	9
-8	51	19.8	39	12
9-11	111	43.2	77	34
-12	56	21.8	38	18
over 12	10	3.9	6	4
Residence				
Urban	209	81.3	135	74
Rural	36	14.0	33	3
Prison Releasee Program	12	4.7	12	0
Handicapped	120	46.7	89	31
Veterans	41	16.0	41	0
Selective Service Rejectees	0	00.0	0	-
Police Record	72	28.0	68	4

Sex: Of the total number of HRD clients, 70% were male and 30%, female. The percentage of females employed in nonagricultural wage and salary industries approximated 36% during 1968. This percentage is considered a more accurate reflection of the number of unemployed and underutilized disadvantaged who are female.

In Linn County, 921 persons received Aid to Dependent Children during February 1969. This compares favorable with other counties of relatively equal size in Iowa. These counties averaged over 1,000 ADC receiptants per month.

Age: A high proportion of disadvantaged are youth. Almost 40% are 16 through 21 years of age and will over 50% are under 30 years of age. The Area Ten CAMPS Committee concluded that the greatest area of need concerns young heads of household who lack adequate skills to compete in the labor market. This is where the major concentration of efforts should be.

Efforts should also be made to assist the older worker. Approximately 16% of HRD clients were 45 years or older. While the number of disadvantaged in this age group is not alarming high, due to almost full employment in Cedar Rapids, the problems faced by these individuals are usually complex.

Race: Over 90% of the unemployed and underutilized disadvantaged in the Cedar Rapids area are white, corresponding to the composition of the population. The percentage of disadvantaged who are negro is estimated at 5.4%. The percentage of negroes in the Cedar Rapids and Marion population (1965 special census) is 1.2%. Therefore, the severity of poverty for negroes is approximately five times greater than that of the general population.

The severity of poverty is also greater for the American Indian, although the magnitude is slight. The Tama Indian Settlement is located 45 miles from Cedar Rapids, and Indians willing to relocate (or commute) are referred to this office by VISTA workers (B.I.P.T. Community Action Program, Inc.), and the Iowa Commission on Alcoholism.

Educational Attainment: Approximately 75% of the disadvantaged have not completed high school. Many of the larger and better paying industries in this area prefer that applicants possess a high school diploma. Therefore, job opportunities are less plentiful or lacking for the school dropout.

Residence: 81.3% of the HRD applicants resided in Cedar Rapids, Marion, Iowa City, or a comparable urban area. Included in this total are individuals who recently moved to Cedar Rapids from rural areas to obtain work. 14% of the applicants were from farms or small rural towns. 4.7% were inmates of the Iowa State Men's Reformatory, located in Anamosa, Iowa, 21 miles from Cedar Rapids. They were participating in a Work-Release program.

It is estimated that approximately 80% of the unemployed and underutilized disadvantaged in Linn County are from the Cedar Rapids - Marion urban area while 20% are from rural areas.

Handicapped: Of the 257 Human Resource Development applicants, 46.7% were handicapped. The most common handicap was alcoholism. This was followed by cultural and mental retardation.

Veterans: Approximately 16% of the disadvantaged are veterans. This compares favorably with the percentage of veterans in the total active file count (usually around 30%).

Police Record: The study showed that 28% of HRD applicants possessed a police record and were convicted for a crime. 14% of these applicants were serving a sentence at the Iowa State Men's Reformatory and were participating in the Work-Release program. The remainder either had served a sentence at a federal, state, or county prison or training school or had been on bench parole. The possession of a prison record is a significant handicap toward obtaining employment in this area, especially if it is combined with a bad work record or alcoholism or lack of a high school diploma, etc.

The only recognizable change that has occurred with respect to the characteristics of the disadvantaged is the increase in the proportion of nonwhite disadvantaged. The nonwhite population is increasing at a greater rate than the general population. Between the 1960 general census and the 1965 special census, the total population in the city of Cedar Rapids increased 12.5% while the nonwhite population gained 19.4%. This trend has continued since 1965. However, the percentage of nonwhite individuals in 1965, an insignificant change.

CHARACTERISTICS OF OTHER (NON-DISADVANTAGED) WORKERS

IN THE UNIVERSE OF NEED

Of the 8,660 individuals in the total Universe of Need, 4,100 are not disadvantaged. Of these, 1,280 are poor. Among the non-poor, 1,680 are unemployed and 1,140 are other underutilized.

It can be assumed that a majority of the poor non-disadvantaged are unemployed at least once during the year. It follows that the majority of the non-disadvantaged individuals in the universe of need are unemployed during part of the year. As a result, the active file of applicants at the Cedar Rapids local office can be used as a basis for determining the characteristics of the non-disadvantaged. The following characteristics were derived from ES reports:

Age: Approximately half of the non-disadvantaged in the universe of need are between the ages of 22 and 44. Youth comprise 32% of the total non-disadvantaged, significantly lower in comparison to the percentage of youth who are disadvantaged. Those non-disadvantaged who are 45-64 comprise 17% of the total while those over 65 comprise 2%.

Sex: The ratio of male and female non-disadvantaged approximates that found in the labor force. It is estimated that 63% are male and 37% are female.

Educational Attainment: To determine the educational attainment of the non-disadvantaged, a special study was made of the active file in the Cedar Rapids local office. The following provides a basis for determining the educational characteristics of this group:

Educational Attainment (Last Year of School)	Percentage (Base-100.0%)
0-7	2.3
-8	10.1
9-11	27.8
-12	42.7
over 12	17.1

Over half of the non-disadvantaged in the universe of need have completed high school. In the 1960 census for Linn County, the median school years completed for males, 25 years and over, was 12.0 and for females, 12.2. It is reasonable to assume that this level has increased since then. Those who do not have a high school diploma have increased difficulty in obtaining employment, especially in factories where employees are allowed to bid into progressively more difficult and higher-earning jobs.

Veteran status: Approximately 30% of the non-disadvantaged in the universe of need are veterans.

Handicapped: It is estimated that 17% of the non-disadvantaged are handicapped. Among males, the percentage increases to 21% while among females, it declines to 11%.

### TRENDS IN UNEMPLOYMENT

The Cedar Rapids labor area unemployment rate averaged 1.8% for 1968. This was well below the national unemployment rate of 3.6%. Compared to the 150 largest Standard Metropolitan Statistical Areas, Cedar Rapids has usually vied with ten other areas for the lowest monthly or annual unemployment rate.

Compared with previous years, the unemployment rate increased slightly during 1968. The following table represents unemployment and the unemployment rate since 1960:

YEAR	UNEMPLOYMENT	UNEMPLOYMENT RATE
1960	1,550	2.5
1961	2,200	3.6
1962	1,370	2.2
1963	1,180	1.8
1964	1,130	1.7
1965	1,150	1.7
1966	1,080	1.5
1967	1,150	1.5
1968	1,360	1.8

Unemployment gained in 1968, due to three factors: (1) population growth in the Cedar Rapids urban area, (2) an increase in the youth population ratio and hence, in the proportion of unemployed youth, and (3) employment reductions in durable goods industries. By December 1968, Machinery Manufacturing employment had declined by 700 workers from the previous year.

Unemployment followed a normal seasonal trend during 1968. It was high during the first three months, due to the curtailment of much outdoor construction, recreation and other activity, because of inclement winter weather. It declined slightly during April and May, but peaked during June, as students and graduates sought summer or permanent jobs. Unemployment declined at a relatively steady rate during the July-October period as students returned to their studies and industries continued hiring production personnel. The advent of inclement weather brought unemployment up in November. It declined slightly in December, due partially to large employment gains in trade.

The unemployment rate during Fiscal 1970 is expected to approximate the calendar 1968 rate. Unless unforeseen events occur, it will not exceed 2.0% of the civilian work force. Employment growth is expected in almost all industries. Manufacturing employment should gain significantly, as three new industries are moving into the Cedar Rapids area, two of which will be operational during Fiscal 1970.

Four areas in Linn County have been designated as target areas by the Hawkeye Area Community Action Program. Two are within Cedar Rapids, Ellis and Oakhill-Jackson, and two are in rural areas, Chain Lakes and Northeast Linn. No information concerning unemployment in these areas is available.

## EMPLOYMENT DEVELOPMENTS AND OUTLOOK BY INDUSTRY

Nonagricultural Wage and Salary employment followed a relatively normal seasonal trend in calendar 1968. It remained low during the first three months, due primarily to the curtailment of outdoor construction activity. Nonfarm employment increased during April and May and remained high during June and July. In August it declined slightly because of a labor dispute in Food and Kindred. However, it again increased in September and remained high through the remaining months of the year.

Nonagricultural Wage and Salary employment will continue to expand during Fiscal Year 1970. The rate of growth is expected to be significantly greater than expected in Fiscal 1969 and above the level in Fiscal 1968.

Manufacturing employment is expected to show a significant increase in Fiscal 1970. During Calendar 1966 and the first part of 1967, manufacturing employment gained substantially. However, employment declined during 1968, due primarily to two factors:

- (1) The reductions of federal highway spending resulted in a decline for heavy road construction machinery. The Allis-Chalmers Manufacturing Company, Iowa Manufacturing Company, Link-Belt Speeder Corporation and other major firms curtailed employment expansion, and in some instances, reduced employment.

Allis-Chalmers had built a new facility in Cedar Rapids during 1967 and had planned to double its work force. However, by mid-1968, employment at the firm had been reduced below previous levels, and production was discontinued at the old plant.

- (2) The Collins Radio Company announced on June 7, 1968 that it laid off about 175 administrative and management personnel "as part of a profit-improvement program". The layoff resulted from company uncertainty about future military and commercial contracts. In addition, Collins Radio curtailed most hiring of production workers. As a result, employment at the firm has remained at a level over 500 below the previous year.

We believe that the downward trend in Manufacturing will be reversed in Fiscal 1970. Although highway construction funds are not expected to increase significantly, employment in this industry should expand.

On January 10, 1969, the new plant of the Allis-Chalmers Manufacturing Company was sold to Harnischfeger Corporation, a leading builder of large truck cranes and construction equipment. The corporation will assume ownership on a phased schedule ending probably in November 1969. Employment at the new firm should almost double in Fiscal 1970 and 1971.

The Collins Radio Company has forecast employment gains during 1969. The demand for its electronics equipment is expected to increase, resulting in a greater demand for production workers.



## EMPLOYMENT DEVELOPMENTS AND OUTLOOK BY OCCUPATION

Job opportunities for those who possess skills or have training and experience are plentiful in Cedar Rapids. Unskilled individuals and entry workers usually have an adequate number of job opportunities open to them. However, disadvantaged persons meet considerable difficulty in obtaining suitable employment. This is due to restrictive hiring requirements by many firms.

In the professional, technical and managerial occupations, the demand for trained and experienced workers remains high. The demand is constant and is due primarily to an inadequacy in the number of applicants with the proper amount of education and experience. In some instances, the remuneration offered is not competitive enough to attract qualified applicants. This is especially true for manager-trainee positions.

The following professional, technical, and managerial occupations, among others, are in significant demand:

003.081 ELECTRICAL ENGINEER  
003.281 DRAFTSMAN, ELECTRICAL  
005.081 STRUCTURAL ENGINEER  
007.081 MECHANICAL ENGINEER  
007.281 DRAFTSMAN, MECHANICAL  
019.281 QUALITY CONTROL TECHNICIAN  
020.188 PROGRAMER, BUSINESS  
022.281 CHEMICAL LABORATORY TECHNICIAN  
075.378 NURSE, GENERAL DUTY  
165.068 PUBLIC-RELATIONS MAN II  
168.168 MANAGER, CREDIT AND COLLECTION  
183.118 PRODUCTION SUPERINTENDENT  
187.168 MANAGER, RECREATION ESTABLISHMENT  
187.168 PROGRAM DIRECTOR, GROUP WORK  
189.168 MANAGER TRAINEE

The demand in all of the above occupations is expected to continue through Fiscal 1970. The need for engineers should increase. The layoff at the Collins Radio Company in June 1968 somewhat diminished the shortage but the demand has since begun to expand.

The demand for clerical workers is usually at a peak during the spring months. It diminishes considerably after the June graduation of high school and business school students. It then picks up again in the fall and declines during the winter months.

The following occupations are currently in demand:

Demand in these occupations will continue into Fiscal 1970, following the normal seasonal trend of retail and wholesale trade industries.

Many applicants refuse to accept positions paying on a straight commission basis. This is especially true in the insurance field. In other positions, applicants feel the remuneration is too low during the training period.

Many industries employing service workers have experienced a continuing shortage of applicants. This is primarily due to (1) low pay, and (2) the low prestige level of service jobs. For instance, housewives seeking employment for the first time are more willing to work at Collins Radio Company, a space-age industry, as an electronics assembler for \$2.00 per hour than as a waitress for \$1.60 an hour.

Practically all services occupations normally found in a community of this size and industrial composition are in demand. The following is a partial list of those jobs most in demand:

301.887	DAY WORKER
306.878	HOMEMAKER
306.887	HOUSEKEEPER, WORKING
306.878	MAID, GENERAL
307.878	NURSEMAID
309.878	COMPANION
311.878	BUS BOY
311.878	COUNTERMAN, CAFETERIA
311.878	COUNTERGIRL, LUNCHROOM OR COFFEE SHOP
311.878	WAITRESS
313.381	COOK
314.381	COOK, SHORT ORDER
316.884	MEAT CUTTER
318.887	KITCHEN HELPER
318.887	DISHWASHER, MACHINE
323.887	CHAMBER MAID
332.271	COSMETOLOGIST
355.878	NURSE AID
361.885	LAUNDRYMAN II
361.887	LAUNDRY LABORER
363.782	PRESSER MACHINE
369.867	CHECKER
372.868	GUARD I
372.868	CORRECTION OFFICER
373.884	FIRE FIGHTER
375.268	PATROLMAN
381.887	CHARWOMAN
381.887	PORTER I
382.884	JANITOR

In Occupational Categories 5 through 9, the demand primarily centers around skilled and experienced machine-trades workers. Many machinery manufacturing firms have voiced a continuous demand for skilled metal-working machine operators. Usually, a minimum of six months experience is required to fill these openings. Production machine operators are in particular demand. Applicants must be able to read blueprints. Many companies require all machine operators to do their own set-up.

The following is a list of occupations in categories 5 through 9 that are in most significant demand:

526.781 BAKER  
529.684 EXPANSION MAN  
529.887 LABORER

600.280 MACHINIST I  
601.280 TOOL AND DIE MAKER  
601.281 INSPECTOR, TOOL  
602.280 GEAR-CUTTING-MACHINE SET-UP OPERATOR, TOOL  
603.280 GRINDER OPERATOR, EXTERNAL, TOOL  
603.280 GRINDER OPERATOR, INTERNAL, TOOL  
604.280 ENGINE-LATHE SET-UP OPERATOR, TOOL  
604.280 TURRET-LATHE SET-UP OPERATOR, TOOL  
605.280 PROFILING-MACHINE SET-UP OPERATOR, TOOL  
605.380 MILLING-MACHINE SET-UP OPERATOR, TOOL  
605.782 MILLING-MACHINE SET-UP OPERATOR  
606.280 BORING-MILL SET-UP OPERATOR, HORIZONTAL  
606.782 DRILL-PRESS SET-UP OPERATOR, SINGLE SPINDLE  
609.130 MACHINE-SHOP FOREMAN, PRODUCTION  
609.381 INSPECTOR, FLOOR  
609.885 PRODUCTION-MACHINE OPERATOR  
620.281 AUTOMOBILE MECHANIC  
620.281 ENGINEERING EQUIPMENT MECHANIC  
620.281 TRUCK MECHANIC  
633.281 OFFICE-MACHINE SERVICEMAN  
637.281 REFRIGERATION MECHANIC  
651.782 OFFSET PRESSMAN  
651.782 CYLINDER PRESSMAN

706.887 ASSEMBLER, PRODUCTION  
720.281 TELEVISION SERVICE AND REPAIRMAN  
726.781 ELECTRONICS ASSEMBLER

807.381 AUTOMOBILE-BODY REPAIRMAN  
810.884 WELDER, ARC  
844.884 CEMENT MASON  
852.887 LABORER, CONCRETE PAVING  
860.381 CARPENTER  
862.381 PLUMBER  
866.381 ROOFER  
869.887 CONSTRUCTION WORKER II

SUPPLEMENTARY INFORMATION AND APPENDIX

1. Population Characteristics - 1960 and 1965 Census Data
2. Migration Study
3. Income Levels
4. Occupational Group of Employed Persons
5. Years of School Completed
6. Work Force, Employment and Unemployment Data - 1958 through 1968
7. Area Wage Survey
8. Standards of Living for Cedar Rapids Area
9. Plan of Service Manpower Data Summary
10. Worksheet for Estimating the Universe of Need
11. Skilled Needs Survey

CEDAR RAPIDS SMSA

	1960 POPULATION							1950 POPULA- TION, TOTAL
	ALL CLASSES			WHITE		NONWHITE		
	TOTAL	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
All Ages . . . . .	136,899	66,812	70,087	66,184	69,383	628	704	104,274
UNDER 5 YEARS . . . . .	16,713	8,644	8,069	8,561	7,975	83	94	10,848
5 TO 9 YEARS . . . . .	14,598	7,370	7,228	7,274	7,119	96	109	8,212
10 TO 14 YEARS . . . . .	11,823	6,110	5,713	6,061	5,662	49	51	6,941
15 TO 19 YEARS . . . . .	9,429	4,399	5,030	4,360	4,988	39	42	6,532
20 TO 24 YEARS . . . . .	9,446	4,147	5,299	4,093	5,251	54	48	7,636
25 TO 29 YEARS . . . . .	9,127	4,539	4,588	4,499	4,530	40	58	8,351
30 TO 34 YEARS . . . . .	9,264	4,659	4,605	4,608	4,545	51	60	7,681
35 TO 39 YEARS . . . . .	9,272	4,646	4,626	4,601	4,579	45	47	7,373
40 TO 44 YEARS . . . . .	8,180	4,057	4,123	4,023	4,094	34	29	6,729
45 TO 49 YEARS . . . . .	7,581	3,743	3,838	3,717	3,803	26	35	6,551
50 TO 54 YEARS . . . . .	6,590	3,256	3,334	3,236	3,302	20	32	6,075
55 TO 59 YEARS . . . . .	6,077	2,931	3,146	2,902	3,124	29	22	5,761
60 TO 64 YEARS . . . . .	5,304	2,493	2,811	2,480	2,794	13	17	4,966
65 TO 69 YEARS . . . . .	4,729	2,187	2,542	2,166	2,518	21	24	4,118
70 TO 74 YEARS . . . . .	3,718	1,621	2,097	1,607	2,083	14	14	2,949
75 TO 79 YEARS . . . . .	2,680	1,119	1,561	1,115	1,552	4	97	2,974
80 TO 84 YEARS . . . . .	1,462	560	902	553	893	7	95	
85 AND OVER . . . . .	906	331	575	328	571	3	4	577
UNDER 18 YEARS . . . . .	48,539	24,829	23,710	24,579	23,436	250	274	29,661
21 AND OVER . . . . .	82,441	39,512	42,929	39,162	42,531	350	398	70,323
65 AND OVER . . . . .	13,495	5,818	7,677	5,769	7,617	49	60	10,618
MEDIAN AGE . . . . .	28.5	28.0	29.0	28.0	29.1	24.4	25.7	32.4

CURRENT POPULATION REPORTS

# Special Censuses

Series P-28, No. 1402  
March 29, 1966

## SPECIAL CENSUS OF CEDAR RAPIDS, IOWA SEPTEMBER 21, 1965

The total population of Cedar Rapids, Linn County, Iowa, on September 21, 1965, was 103,545, according to the final results of a special census taken by the Bureau of the Census, Department of Commerce. The total figure represents an increase of 11,510, or 12.5 percent, over the 92,035 inhabitants on April 1, 1960.

The population of the city by color and sex and the increases since April 1, 1960, appear in

table 1. Table 2 shows the population of Cedar Rapids, Iowa, by age, race, and sex.

The concepts of coverage and the qualifications relating to these data are generally the same as those pertaining to decennial census statistics; see the introductory text in U.S. Census of Population: 1960; Vol. I, Characteristics of the Population, Part 1.

The special census was taken at the request and expense of Cedar Rapids.

Table 1.--POPULATION OF CEDAR RAPIDS, IOWA, BY COLOR AND SEX:  
SEPTEMBER 21, 1965, AND APRIL 1, 1960

Color and sex	September 21, 1965	April 1, 1960	Increase, April 1, 1960, to September 21, 1965	
			Number	Percent
Total.....	103,545	92,035	11,510	12.5
Male.....	49,542	44,325	5,217	11.8
Female.....	54,003	47,710	6,293	13.2
White.....	102,022	90,759	11,263	12.4
Male.....	48,818	43,721	5,097	11.7
Female.....	53,204	47,038	6,166	13.1
Nonwhite.....	1,523	1,276	247	19.4
Male.....	724	604	120	19.9
Female.....	799	672	127	18.9

For sale by the Bureau of the Census, Washington, D.C., 20233, 10 cents.



TABLE 2.--POPULATION OF CEDAR RAPIDS, IOWA, BY AGE, RACE, AND SEX: SEPTEMBER 21, 1965

AREA AND AGE	ALL CLASSES			WHITE			NONWHITE							
	BOTH SEXES	MALE	FE-MALE	BOTH SEXES	MALE	FE-MALE	TOTAL			NEGRO		OTHER RACES		
							BOTH SEXES	MALE	FE-MALE	MALE	FE-MALE	MALE	FE-MALE	
TOTAL														
ALL AGES . . .	103 545	49 542	54 003	102 022	48 818	53 204	1 523	724	799	643	727	81	72	
UNDER 5 YEARS. . .	11 620	5 876	5 744	11 399	5 766	5 633	221	110	111	97	105	13	6	
UNDER 1 YEAR . . .	2 216	1 073	1 143	2 182	1 058	1 124	34	15	19	13	18	2	1	
1 AND 2 YEARS . . .	4 633	2 370	2 263	4 546	2 325	2 221	87	45	42	40	40	5	2	
3 AND 4 YEARS . . .	4 771	2 433	2 338	4 671	2 383	2 288	100	50	50	44	47	6	3	
5 TO 9 YEARS . . .	11 139	5 753	5 386	10 945	5 649	5 296	194	104	90	91	81	13	9	
5 YEARS . . . . .	2 422	1 237	1 185	2 370	1 212	1 158	52	25	27	19	24	6	3	
6 YEARS . . . . .	2 330	1 188	1 142	2 283	1 155	1 128	47	33	14	31	14	2	1	
7 TO 9 YEARS . . .	6 387	3 328	3 059	6 292	3 282	3 010	95	46	49	41	43	5	6	
10 TO 14 YEARS . .	9 847	4 941	4 906	9 662	4 855	4 807	185	86	99	78	91	8	8	
10 TO 13 YEARS . .	7 980	4 005	3 975	7 833	3 935	3 898	147	70	77	64	70	6	7	
14 YEARS . . . . .	1 867	936	931	1 829	920	909	38	16	22	14	21	2	1	
15 TO 19 YEARS . .	8 503	3 868	4 675	8 401	3 796	4 605	142	72	70	65	64	7	6	
15 YEARS . . . . .	1 716	884	834	1 692	865	824	26	16	10	15	9	1	1	
16 AND 17 YEARS . .	3 394	1 667	1 727	3 336	1 640	1 696	58	27	31	24	30	3	1	
18 AND 19 YEARS . .	3 431	1 317	2 114	3 373	1 288	2 085	58	29	29	26	25	3	4	
20 TO 24 YEARS . .	7 437	3 146	4 291	7 331	3 101	4 230	106	45	61	36	51	9	10	
25 TO 29 YEARS . .	6 908	3 325	3 583	6 806	3 276	3 530	102	49	53	44	46	5	7	
30 TO 34 YEARS . .	6 339	3 195	3 144	6 232	3 152	3 080	107	43	64	35	53	8	11	
35 TO 39 YEARS . .	6 187	3 074	3 113	6 089	3 027	3 062	98	47	51	41	47	6	4	
40 TO 44 YEARS . .	6 566	3 290	3 276	6 481	3 251	3 230	85	39	46	34	41	5	5	
45 TO 49 YEARS . .	5 730	2 837	2 893	5 677	2 808	2 869	53	29	24	28	24	1	-	
50 TO 54 YEARS . .	5 123	2 497	2 626	5 077	2 470	2 607	46	27	19	27	19	-	-	
55 TO 59 YEARS . .	4 391	2 072	2 319	4 338	2 052	2 286	53	20	33	20	32	-	1	
60 TO 64 YEARS . .	3 879	1 773	2 106	3 850	1 760	2 090	29	13	16	11	14	2	2	
65 TO 69 YEARS . .	3 252	1 379	1 873	3 216	1 365	1 851	36	14	22	10	22	4	-	
70 TO 74 YEARS . .	2 698	1 113	1 585	2 672	1 102	1 570	26	11	15	11	14	-	1	
75 TO 79 YEARS . .	1 954	770	1 184	1 936	762	1 174	18	8	10	8	10	-	-	
80 TO 84 YEARS . .	1 209	411	798	1 197	407	790	12	4	8	4	7	-	1	
85 YEARS AND OVER .	723	222	501	713	219	494	10	3	7	3	6	-	1	
UNDER 21 YEARS . .	42 612	20 968	21 644	41 847	20 589	21 258	765	379	386	336	356	43	30	
21 YEARS AND OVER .	60 933	28 574	32 359	60 175	28 229	31 946	758	345	413	307	371	38	42	
MEDIAN AGE . . . .	27.3	26.8	27.8	27.4	26.9	27.9	20.9	19.3	22.4	19.3	22.2	(B)	(B)	

- REPRESENTS ZERO.

B MEDIAN NOT SHOWN WHERE BASE IS LESS THAN 100.

AGE, RACE, AND SEX OF MARION CITY, IOWA  
 SEPTEMBER 20, 1965

AGE	ALL CLASSES			WHITE			NONWHITE		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
TOTAL ALL AGES . . . . .	15,267	7,470	7,797	15,262	7,468	7,794	5	2	3
UNDER 5 YEARS . . . . .	2,344	1,194	1,150	2,344	1,194	1,150	-	-	-
UNDER 1 YEAR . . . . .	445	219	226	445	219	226	-	-	-
1 AND 2 YEARS . . . . .	924	467	457	924	467	457	-	-	-
3 AND 4 YEARS . . . . .	975	508	467	975	508	467	-	-	-
5 TO 9 YEARS . . . . .	2,004	1,019	985	2,004	1,019	985	-	-	-
5 YEARS . . . . .	473	241	232	473	241	232	-	-	-
6 YEARS . . . . .	432	224	208	432	224	2-8	-	-	-
7 TO 9 YEARS . . . . .	1,099	554	545	1,099	554	545	-	-	-
10 TO 14 YEARS . . . . .	1,431	716	715	1,431	716	715	-	-	-
10 TO 13 YEARS . . . . .	1,186	598	588	1,186	598	588	-	-	-
14 YEARS . . . . .	245	118	127	245	118	127	-	-	-
15 TO 19 YEARS . . . . .	945	427	518	945	427	518	-	-	-
15 YEARS . . . . .	226	105	121	226	105	121	-	-	-
16 AND 17 YEARS . . . . .	419	194	225	419	194	225	-	-	-
18 AND 19 YEARS . . . . .	300	128	172	300	128	172	-	-	-
20 TO 24 YEARS . . . . .	1,086	464	622	1,085	463	622	1	1	-
25 TO 29 YEARS . . . . .	1,356	643	713	1,354	642	712	2	1	1
30 TO 34 YEARS . . . . .	1,240	645	595	1,239	645	594	1	-	1
35 TO 39 YEARS . . . . .	953	495	458	953	495	458	-	-	-
40 TO 44 YEARS . . . . .	834	435	399	834	435	399	-	-	-
45 TO 49 YEARS . . . . .	625	310	315	625	310	315	-	-	-
50 TO 54 YEARS . . . . .	608	304	304	608	304	304	-	-	-
55 TO 59 YEARS . . . . .	421	209	212	421	209	212	-	-	-
60 TO 64 YEARS . . . . .	365	159	206	365	159	206	-	-	-
65 TO 69 YEARS . . . . .	306	145	161	306	145	161	-	-	-
70 TO 74 YEARS . . . . .	296	112	184	296	112	184	-	-	-
75 TO 79 YEARS . . . . .	215	95	120	215	95	120	-	-	-
80 TO 84 YEARS . . . . .	152	65	87	151	65	86	1	-	1
85 YEARS AND OVER . . . . .	86	33	53	85	33	53	-	-	-
UNDER 21 YEARS . . . . .	6,868	3,407	3,461	6,868	3,407	3,461	-	-	-
21 YEARS AND OVER . . . . .	8,399	4,063	4,336	8,394	4,061	4,333	5	2	3
MEDIAN AGE . . . . .	24.2	24.1	24.3	24.2	24.1	24.3	(X)	(X)	(X)



# NEW RESIDENTS OF METROPOLITAN CEDAR RAPIDS

RELEASED BY IOWA STATE UNIVERSITY EXTENSION, CEDAR RAPIDS AREA OFFICE  
852 A Avenue NE, Box 1427, Cedar Rapids, Iowa 52406 Phone: (319) 363-9637

The labor force in Metropolitan Cedar Rapids has grown rapidly in the past few years. Many of the more than 2,000 additional employees per year are new residents who have migrated to Cedar Rapids from eastern Iowa, nearby states, and other parts of the country.

The new residents influence the area and contribute to its growth. Knowing more about these people--where they came from, why they came, their characteristics and their impressions--will be useful to describe the changing population of Metropolitan Cedar Rapids and to facilitate recruiting more new residents.

The Chambers of Commerce compile lists of the new residents of both Cedar Rapids and Marion. Using these lists, questionnaires were mailed to one half of those who moved into the area within one year; 1,111 to new Cedar Rapids residents and 212 to new Marion residents. The Post Office was unable to deliver some of the questionnaires. A total of 517 usable questionnaires or 43 percent of those delivered to new residents were returned. (A 30 percent return is considered adequate for many mail questionnaire surveys).

Most of this report is concerned with families with a man as the head of the household. A later section deals with households headed by women.

## Occupations of New Residents

The new residents were divided into several occupation groups. As used in this report, "professionals" refers to those positions requiring a college degree in a particular field. Many of the new resident professionals were teachers and engineers but also included were lawyers, clergy, etc. "Managers" includes all levels of management above the foreman-supervisor level such as department managers, district managers, sales managers, and management trainees. "Salesmen" includes in-store salesmen as well as the professionals involved in sales activities. The "technician" occupation covers those positions requiring some specialized training such as electronics, medical, and X-ray.

All other occupations are included in "manual occupations" which covers a wide range of skills including laborers, service workers, operatives (assemblers, machine operators, truck drivers, etc.), skilled craftsmen, foremen, and supervisors. The number of responses from each skill group were small so that it was necessary to combine them in order to reach reliable conclusions. The patterns for each skill level in the manual occupations group appeared to be quite similar so little is lost in the larger grouping.

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Prepared by David H. Hammond, extension leader, area development, Cedar Rapids Area Extension Office, Iowa State University. This report is part of a study of labor supply in Metropolitan Cedar Rapids.

Forty-three percent of the new residents who returned the questionnaires were managers or professionals in the metropolitan area. This is a very high proportion of highly skilled employees. However, these types of people are most likely to complete and return a mail questionnaire. It would be misleading to assume that this is the actual proportion of professionals among new residents of the area. However, inferences can be made about new residents by dividing the responses into skilled groups. Thus, the responses of laborers, service workers and operatives as a group can be compared to responses from managers and professionals. The average for all new residents may give a distorted picture.

Age of New Residents

The respondents were also rather young with 71 percent being under 35 years of age and 91 percent under 45 years of age. There is no way to tell if this represents all new residents of the area. Younger persons may be more prone to answer mail questionnaires. There were some differences in ages between occupations as shown in Table 1. Over half, 57 percent, of the professionals were 25 to 34 with 17 percent under 25 years old, and 20 percent between 35 and 44. However, only a few managers were under 25 years of age with 45 percent between 25 and 34, and 30 percent between 35 and 44 years of age. The technicians tended to be younger with most probably in their first job. Forty-four percent of the new resident technicians were under 25 with another 41 percent between 25 and 34 and only 15 percent over 35 years of age. Salesmen followed a pattern similar to the professionals with the bulk of them between 25 and 34.

TABLE 1. AGE AND OCCUPATIONS OF NEW RESIDENTS

Age	Professionals	Managers	Technicians	Salesmen	Manual Occupations	All Respondents
	(Percent)					
Under 25	17	11	44	24	35	27
25 to 34	57	45	41	40	35	44
35 to 44	20	30	12	26	17	20
45 and Over	6	14	3	10	13	9

Thirty-five percent of those in manual occupations were under 25 and another 35 percent were between 25 and 34 years of age. However, skilled craftsmen and foremen tended to be a little older than those less skilled, reflecting their additional training and experience.

Most of the professionals, managers, and salesmen were over 25 years of age. These positions usually require a college degree and, in some cases, experience in a similar position. Thus, it is not surprising that these new residents were older than the new residents with other skills which require less formal training and previous experience. The latter group of new residents contained more men under 25 years of age.

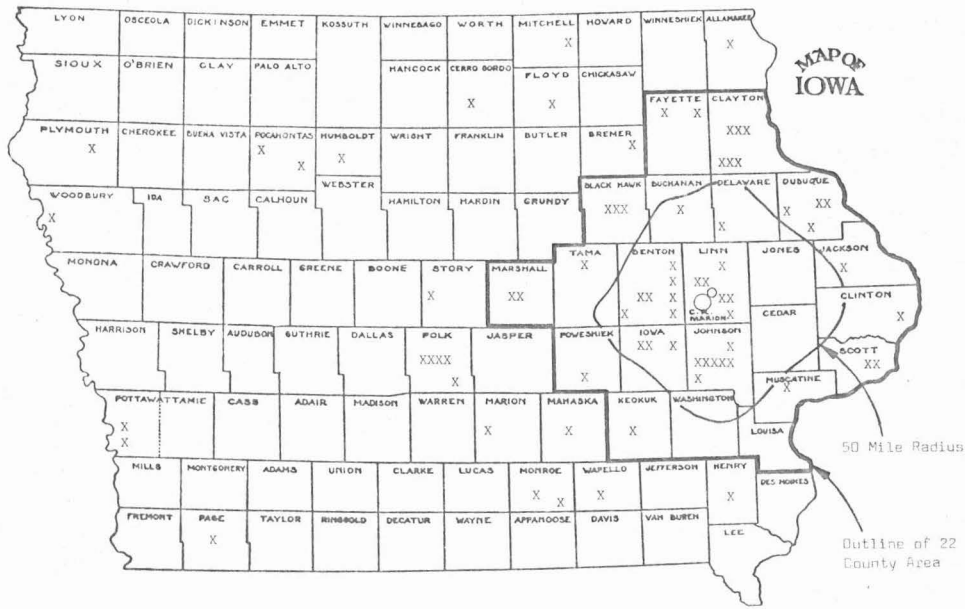


FIGURE 1. PREVIOUS IOWA LOCATIONS OF NEW RESIDENTS WITH MANUAL OCCUPATIONS

### How New Residents Learned of Employment Opportunities

Almost half of those in manual occupations learned about employment opportunities in Cedar Rapids-Marion area by word of mouth from friends and relatives living in the area. (See Table 3). Thus, it is clear that "grapevine" information attracts large numbers of in-plant and in-store workers for the Metropolitan Cedar Rapids area. There was also a scattering of those who were transferred, recruited, came through an employment agency or advertisements and other means of learning about opportunities. However, the "grapevine" was by far the largest source.

A much different pattern was found for salesmen, technicians, managers, and professional workers. (Table 3). Thirty-seven percent of these workers were recruited for their position and 26 percent were transferred. Over half the salesmen and managers were transferred while just over half of the professional workers were recruited for their positions. Many of the professional workers were new entrants to the labor market, coming from college to become engineers or school teachers.

Those managers and salesmen who were transferred into the Cedar Rapids area tended to be a little older with the bulk between 25 and 45 years old. Professional workers and technicians that were recruited were mostly under 35.

Over 90 percent of the new residents had a job in the area before they moved in. The only major deviation were operatives who learned about employment opportunities in Cedar Rapids by word of mouth, friends and relatives. Only 62 percent of them had a job before they moved. However, of those who did not have a job before they moved, over half found employment within one week of their move to Cedar Rapids and Marion area. This reflects the tight labor market and ample availability of jobs within the area.

TABLE 3. METHODS OF LEARNING ABOUT EMPLOYMENT OPPORTUNITIES IN CEDAR RAPIDS

	Manual Occupations	Sales- men	Tech- nici- ans	Man- agers	Pro- fession- als
	(Percent)				
No answer	9	2	3	9	1
Recruited	6	18	38	22	51
Transferred	11	52	11	53	12
Employment Agency	6	-	5	3	7
Advertisements	13	4	14	-	7
Word of mouth, friends, relatives	49	20	21	9	17
Other	6	4	9	3	5

Working Wives of New Residents

The wives of 32 percent of the new residents of Cedar Rapids and Marion were also employed. There were three main differences in the percentage of wives who are working: (1) The wives of 48 percent of those men under 25 were employed, versus 27 percent of those over 25 years of age. (2) Of those with no children under 5 years old in the home, 50 percent of the wives worked compared with 19 percent of wives from homes with one or more children under 5. Combining these two factors, if the men were under 25 with no children under 5 years of age, 79 percent of the wives were employed.

(3) The percentage of working wives was lower for men who were salesmen, managers, or professionals as only 25 percent of their wives were working versus 40 percent of all other skills. The difference in skills was reflected in a low percentage of those transferred having working wives but this was because most of those transferred were salesmen, managers and professionals. Also those men whose previous location was out of state had a lower percentage of working wives but again, most of these were salesmen, managers and professionals.

Thus, the frequency of working wives was much higher among those under 25 or if there were no children under 5 years of age in the home. Also, men who were salesmen, managers and professionals had a lower percentage of working wives. This pattern is most likely true throughout Cedar Rapids.

Attitudes of New Residents

When asked if they were satisfied with their move to the Cedar Rapids area most respondents (74 percent) gave a favorable response. However, this included the "yes, but..." answers. On the other side, 37 percent of the respondents had some unfavorable comments.

OCCUPATIONAL GROUP OF EMPLOYED PERSONS

CEDAR RAPIDS SMSA

1960 CENSUS DATA

<u>OCCUPATION</u>	<u>NUMBER EMPLOYED</u>
MALE, EMPLOYED	36,334
PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS	4,297
FARMERS AND FARM MANAGERS	2,035
MANAGERS, OFFICIALS, & PROPRIETORS, EXC, FARM	3,815
CLERICAL AND KINDRED WORKERS	2,621
SALES WORKERS	2,692
CRAFTSMEN, FOREMEN, AND KINDRED WORKERS	7,543
OPERATIVES AND KINDRED WORKERS	7,247
PRIVATE HOUSEHOLD WORKERS	20
SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD	1,796
FARM LABORERS AND FARM FOREMEN	533
LABORERS, EXCEPT FARM AND MINE	2,305
OCCUPATION NOT REPORTED	1,430
FEMALE, EMPLOYED	19,360
PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS	2,430
FARMERS AND FARM MANAGERS	143
MANAGERS, OFFICIALS, & PROPRIETORS, EXC. FARM	472
CLERICAL AND KINDRED WORKERS	6,054
SALES WORKERS	1,670
CRAFTSMEN, FOREMEN, AND KINDRED WORKERS	239
OPERATIVES AND KINDRED WORKERS	3,035
PRIVATE HOUSEHOLD WORKERS	1,060
SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD	2,824
FARM LABORERS AND FARM FOREMEN	237
LABORERS, EXCEPT FARM AND MINE	132
OCCUPATION NOT REPORTED	1,064

YEARS OF SCHOOL COMPLETED

CEDAR RAPIDS SMSA

	POPULATION	PERCENT DISTRIBUTION	
		Cedar Rapids	Iowa
MALE, 25 YEARS OLD AND OVER	36,010	100.0	100.0
NO SCHOOL YEARS COMPLETED	163	0.5	0.6
ELEMENTARY: 1 TO 4 YEARS	946	2.6	3.1
5 AND 6 YEARS	1,499	4.2	5.4
7 YEARS	1,854	5.1	7.3
8 YEARS	6,804	18.9	26.3
HIGH SCHOOL: 1 TO 3 YEARS	6,697	18.6	15.5
4 YEARS	10,312	28.6	26.3
COLLEGE: 1 TO 3 YEARS	3,486	9.7	7.6
4 YEARS OR MORE	4,249	11.8	7.9
MEDIAN SCHOOL YEARS COMPLETED	12.0	--	--
FEMALE, 25 YEARS OLD AND OVER	38,793	100.0	100.0
NO SCHOOL YEARS COMPLETED	141	0.4	0.4
ELEMENTARY: 1 TO 4 YEARS	731	1.9	1.9
5 AND 6 YEARS	1,349	3.5	3.9
7 YEARS	1,351	3.5	4.8
8 YEARS	6,332	16.3	22.4
HIGH SCHOOL: 1 TO 3 YEARS	7,000	18.0	16.0
4 YEARS	14,358	37.0	34.1
COLLEGE: 1 TO 3 YEARS	4,782	12.3	11.5
4 YEARS OR MORE	2,758	7.1	5.0
MEDIAN SCHOOL YEARS COMPLETED	12.2	--	--

Monthly and Annual Average Workforce, Employment and Unemployment Data

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
Workforce 1967	71,210	71,360	72,010	73,020	73,990	76,380	77,010	76,020	76,130	75,860	75,600	75,800	74,530
Unemployment	1,070	1,160	970	900	1,180	1,770	1,320	1,220	1,130	940	1,150	1,030	1,150
Rate	1.5	1.6	1.3	1.2	1.6	2.3	1.7	1.6	1.5	1.2	1.5	1.4	1.5
Employment <sup>2/</sup>	70,130	70,190	71,040	72,120	72,820	74,600	75,690	74,810	75,010	74,910	74,440	74,770	73,380
A. Nonag. W & S <sup>3/</sup>	62,070	62,080	62,610	63,290	63,630	64,710	65,350	65,020	66,330	65,890	65,450	66,440	94,400
Manufacturing	27,230	27,180	27,070	27,060	27,180	27,770	28,500	28,180	28,180	28,110	27,740	27,950	27,680
Nonmanufacturing	34,850	34,900	35,540	36,230	36,450	36,940	36,840	36,840	38,150	37,770	37,710	38,490	36,730
B. All other nonag. <sup>4/</sup>	5,750	5,710	5,780	5,980	6,050	6,130	6,220	6,140	5,950	5,970	5,810	5,890	5,950
C. Agricultural	2,310	2,270	2,530	2,730	3,140	3,760	3,930	3,270	2,730	3,070	3,190	2,440	2,950
Persons involved in labor management disputes <sup>5/</sup>	(0)	(130)	(130)	(130)	(0)	(0)	(200)	(370)	(0)	(0)	(0)	(0)	(80)
Workforce 1968	74,260	74,300	74,500	75,390	76,350	77,770	77,560	76,340	76,540	76,620	76,950	75,860	76,040
Unemployment	1,420	1,410	1,350	1,200	1,320	1,960	1,470	1,290	1,240	1,090	1,380	1,140	1,360
Rate	1.9	1.9	1.8	1.6	1.7	2.5	1.9	1.7	1.6	1.4	1.8	1.5	1.8
Employment <sup>2/</sup>	72,840	72,890	73,150	74,190	75,040	75,810	76,090	75,050	75,290	75,530	75,580	74,720	74,680
A. Nonag. W & S <sup>3/</sup>	64,960	64,890	64,980	65,860	65,960	65,980	65,960	65,310	66,340	66,210	66,810	66,790	65,840
Manufacturing	27,840	27,760	27,470	27,530	27,500	27,710	27,900	27,180	26,950	26,940	27,560	27,510	27,490
Nonmanufacturing	37,130	37,130	37,510	38,330	38,460	38,280	38,060	38,130	39,400	39,270	39,250	39,280	38,350
B. All other nonag. <sup>4/</sup>	5,570	5,690	5,760	5,800	6,000	6,050	5,980	5,760	5,760	5,700	5,820	5,660	5,800
C. Agricultural	2,310	2,300	2,410	2,530	3,030	3,690	4,150	3,330	2,550	2,970	2,950	2,270	2,870
Persons involved in labor management disputes <sup>5/</sup>	(0)	(0)	(0)	(0)	(50)	(90)	(0)	(650)	(650)	(650)	(0)	(0)	(170)

1/ Cedar Rapids, Iowa defined as Linn County.

2/ Includes nonagricultural wage and salary workers, all other nonagriculture, agriculture, and persons involved in labor management disputes. Detail may not up to total due to rounding.

3/ Data includes all full and part-time wage and salary workers employed during the week containing the 12th of the month.

4/ Includes nonagricultural self-employed and unpaid family workers, and domestic workers in private households. (Revised RAL #606).

5/ Data includes only persons involved in labor management disputes for the entire week containing the 12th of the month.

Adjusted to new entrant factors. March 1968 Benchmark.



CELAR RAPIDS, IOWA LABOR AREA 1/

Monthly and Annual Average Workforce, Employment and Unemployment Data

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
Workforce	1964	63,710	63,800	63,930	65,020	65,980	67,490	68,010	66,070	65,250	65,570	65,220	64,900	65,410
Unemployment		1,390	1,370	1,250	970	960	1,430	1,410	1,140	980	780	980	930	1,130
Rate		2.2	2.1	1.9	1.5	1.4	2.1	2.1	1.7	1.5	1.2	1.5	1.4	1.7
Employment 2/		62,320	62,440	62,680	64,040	65,020	66,070	66,600	64,930	64,270	64,790	64,240	63,970	64,280
A. Nonag. W & S 3/		53,280	52,270	53,340	54,220	54,560	54,910	55,060	54,970	54,740	55,120	54,690	55,310	54,460
Manufacturing		22,920	22,920	22,810	22,950	23,110	23,420	23,240	22,770	22,310	22,740	22,290	22,790	22,860
Nonmanufacturing		30,360	30,350	30,530	31,270	31,450	31,490	31,820	32,200	32,430	32,380	32,400	32,520	31,600
B. All other Nonag. 4/		5,860	6,010	5,970	6,180	6,340	6,100	6,130	5,990	5,800	5,920	5,880	5,920	6,010
C. Agriculture		3,160	3,140	3,350	3,620	4,100	5,060	5,410	3,970	3,220	3,760	3,250	2,750	3,730
Persons involved in labor management disputes 5/		(20)	(20)	(20)	(20)	(20)	(0)	(0)	(0)	(510)	(0)	(430)	(0)	(90)
Workforce	1965	63,680	64,320	64,950	65,540	66,660	69,310	69,200	68,290	67,900	68,350	69,080	68,970	67,190
Unemployment		1,410	1,640	1,440	1,130	1,020	1,480	1,130	1,030	980	750	920	870	1,150
Rate		2.2	2.5	2.2	1.7	1.5	2.1	1.6	1.5	1.4	1.1	1.3	1.3	1.7
Employment 2/		62,280	62,690	63,510	64,410	65,640	67,840	68,070	67,260	66,920	67,600	68,160	68,100	66,040
A. Nonag. W & S 3/		54,100	54,390	54,620	55,490	55,980	57,070	57,480	57,630	58,130	58,370	58,980	59,500	56,810
Manufacturing		22,540	22,770	22,850	23,160	23,290	23,880	24,230	24,420	24,310	24,650	24,920	25,050	23,840
Nonmanufacturing		31,560	31,620	31,770	32,330	32,690	33,190	33,250	33,210	33,820	33,720	34,050	34,450	32,970
B. All other Nonag. 4/		5,700	5,760	5,760	5,940	6,310	6,120	6,120	6,040	5,830	5,930	5,940	5,880	5,940
C. Agriculture		2,480	2,540	3,130	2,980	3,360	4,640	4,480	3,590	2,970	3,300	3,250	2,720	3,290
Persons involved in labor management disputes 5/		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Workforce	1966	67,850	67,950	68,330	69,720	71,090	74,590	74,740	73,730	73,240	73,180	73,580	72,890	71,740
Unemployment		1,360	1,300	1,090	870	930	1,440	1,180	1,080	970	760	1,120	890	1,080
Rate		2.0	1.9	1.6	1.2	1.3	1.9	1.6	1.5	1.3	1.0	1.5	1.2	1.5
Employment 2/		66,490	66,650	67,240	68,850	70,170	73,150	73,570	72,650	72,270	72,420	72,460	72,000	70,660
A. Nonag. W & S 3/		58,220	58,430	58,850	60,090	60,330	62,130	62,700	62,800	63,240	63,120	63,320	63,500	61,390
Manufacturing		24,900	25,030	25,260	25,640	26,080	26,830	27,410	27,420	27,370	27,420	27,380	27,240	26,500
Nonmanufacturing		33,330	33,400	33,590	34,450	34,250	35,300	35,300	35,380	35,870	35,700	35,940	36,250	34,900
B. All other nonag. 4/		5,770	5,770	5,770	5,860	6,140	6,160	6,280	6,240	6,000	5,860	5,930	5,820	5,970
C. Agriculture		2,500	2,450	2,620	2,900	3,450	4,860	4,470	3,570	2,990	3,400	3,160	2,680	3,250
Persons involved in labor management disputes 5/		(0)	(0)	(0)	(0)	(250)	(0)	(110)	(50)	(50)	(50)	(50)	(0)	(50)

1/ Cedar Rapids, Iowa defined as Linn County.

2/ Includes nonagricultural wage and salary workers, all other nonagriculture, agriculture, and persons involved in labor management disputes. Detail may not add up to total due to rounding.

3/ Data includes all full and part-time wage and salary workers employed during the week containing the 12th of the month.

4/ Includes nonagricultural self-employed and unpaid family workers, and domestic workers in private households. (Revised RAL #606).

5/ Data includes only persons involved in labor management disputes for the entire week containing the 12th of each month.

Adjusted to new entrant factors.



		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
Workforce	1961	61,120	60,710	60,410	61,470	62,170	63,410	62,520	61,720	61,260	60,130	60,940	60,570	61,370
Unemployment		2,780	2,650	2,410	2,360	2,290	2,540	2,370	2,060	1,840	1,500	1,620	1,990	2,200
Rate		4.5	4.4	4.0	3.8	3.7	4.0	3.8	3.3	3.0	2.5	2.7	3.3	3.6
Employment <sup>2/</sup>		58,340	58,060	58,000	59,110	59,880	60,860	60,150	59,660	59,420	58,630	59,320	58,580	59,170
A. Nonag. W & S <sup>3/</sup>		48,830	48,520	48,200	49,050	49,140	49,160	48,950	49,230	49,720	48,620	49,230	49,220	48,990
Manufacturing		20,290	20,170	19,810	20,100	19,950	19,530	19,390	19,470	19,670	18,920	19,690	19,860	19,740
Nonmanufacturing		28,540	28,350	28,390	28,950	29,190	29,630	29,560	29,760	30,050	29,700	29,540	29,360	29,250
B. All other Nonag. <sup>4/</sup>		6,040	6,070	6,210	6,020	6,120	6,010	5,840	5,850	5,700	5,710	5,910	5,860	5,940
C. Agriculture		3,470	3,470	3,590	4,040	4,630	5,690	5,360	4,580	4,000	4,310	4,180	3,510	4,230
Persons involved in labor management disputes <sup>5/</sup>		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Workforce	1962	59,540	59,760	59,710	60,940	62,310	65,120	64,650	63,570	62,940	62,460	62,620	62,090	62,140
Unemployment		2,030	1,920	1,860	1,570	1,160	1,240	1,240	930	1,010	860	1,270	1,370	1,370
Rate		3.4	3.2	3.1	2.6	1.9	1.9	1.9	1.5	1.6	1.4	2.0	2.2	2.2
Employment <sup>2/</sup>		57,520	57,840	57,850	59,370	61,150	63,880	63,410	62,630	61,930	61,600	61,360	60,720	60,780
A. Nonag. W & S <sup>3/</sup>		48,320	48,420	48,210	49,330	50,460	51,910	51,680	51,990	52,000	51,740	51,340	51,520	50,570
Manufacturing		19,990	20,270	19,960	20,190	20,710	21,510	21,800	22,020	21,730	21,620	21,390	21,340	21,040
Nonmanufacturing		28,330	28,150	28,250	29,140	29,750	30,400	29,880	29,970	30,270	30,120	29,950	30,180	29,530
B. All other Nonag. <sup>4/</sup>		5,710	5,920	5,830	5,910	6,150	6,110	6,120	6,050	5,740	5,670	5,660	5,700	5,880
C. Agriculture		3,490	3,500	3,580	4,130	4,530	5,870	5,600	4,540	4,000	4,140	4,360	3,500	4,270
Persons involved in labor management disputes <sup>5/</sup>		(0)	(0)	(240)	(0)	(0)	(0)	(0)	(50)	(200)	(50)	(0)	(0)	(50)
Workforce	1963	61,310	61,270	61,740	62,800	64,140	66,840	66,480	65,050	64,120	64,900	64,130	64,120	63,910
Unemployment		2,030	1,670	1,470	1,020	920	1,320	1,100	1,010	740	690	1,050	1,130	1,180
Rate		3.3	2.7	2.4	1.6	1.4	2.0	1.7	1.6	1.1	1.1	1.6	1.8	1.8
Employment <sup>2/</sup>		59,280	59,600	60,270	61,780	63,230	65,520	65,380	64,030	63,390	64,210	63,080	62,990	62,730
A. Nonag. W & S <sup>3/</sup>		50,440	50,480	50,700	52,010	52,650	53,710	53,410	53,280	53,540	53,780	53,340	53,810	52,600
Manufacturing		21,340	21,510	21,640	21,950	22,180	22,630	22,950	22,860	22,710	23,040	22,720	22,950	22,370
Nonmanufacturing		29,100	28,970	29,060	30,060	30,470	31,080	30,460	30,420	30,830	30,740	30,620	30,860	30,230
B. All other Nonag. <sup>4/</sup>		5,600	5,820	5,800	5,380	6,010	6,070	6,110	6,010	5,840	5,930	5,850	5,820	5,890
C. Agriculture		3,240	3,220	3,690	3,850	4,490	5,750	5,860	4,720	3,990	4,480	3,870	3,340	4,210
Persons involved in labor management disputes <sup>5/</sup>		(0)	(80)	(80)	(80)	(80)	(0)	(0)	(20)	(20)	(20)	(20)	(20)	(40)

<sup>1/</sup> Cedar Rapids, Iowa defined as Linn County.

<sup>2/</sup> Includes nonagricultural wage and salary workers, all other nonagriculture, agriculture, and persons involved in labor management disputes. Detail may not add up to total due to rounding.

<sup>3/</sup> Data includes all full and part-time wage and salary workers employed during the week containing the 12th of the month.

<sup>4/</sup> Includes nonagricultural self-employed and unpaid family workers, and domestic workers in private households. (Revised RAL #606).

<sup>5/</sup> Data includes only persons involved in labor management disputes for the entire week containing the 12th of each month.

Adjusted to new entrant factors.

## Monthly and Annual Average Work. Force, Employment and Unemployment Data

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
Workforce	1958	54,180	54,090	54,410	55,240	55,900	57,770	57,680	57,240	56,730	56,810	57,170	57,440	56,220
Unemployment		2,200	2,630	2,300	1,900	1,560	1,760	1,600	1,540	1,160	960	1,480	1,690	1,730
Rate		4.1	4.9	4.2	3.4	2.8	3.1	2.8	2.7	2.0	1.7	2.6	2.9	3.1
Employment <sup>2/</sup>		51,980	51,460	52,110	53,330	54,340	56,010	56,080	55,700	55,570	55,850	55,690	55,750	54,490
A. Nonag. <sup>W &amp; S</sup> <sup>3/</sup>		43,220	42,720	42,910	43,610	43,980	44,550	44,710	44,900	45,570	45,400	46,010	46,550	44,510
Manufacturing		18,100	18,010	18,040	17,920	17,950	18,220	18,360	18,330	18,660	18,700	19,260	19,690	18,440
Nonmanufacturing		25,120	24,710	24,870	25,690	26,030	26,330	26,350	26,570	26,910	26,700	26,750	26,860	26,070
B. All other Nonag. <sup>4/</sup>		5,140	5,240	5,330	5,610	5,770	5,760	5,940	5,760	5,600	5,710	5,600	5,570	5,590
C. Agriculture		3,620	3,500	3,870	4,110	4,590	5,700	5,430	4,700	4,080	4,410	4,090	3,630	4,310
Persons involved in labor management disputes <sup>5/</sup>		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(330)	(330)	(330)	(0)	(0)	(80)
Workforce	1959	55,850	55,950	56,720	58,240	60,190	64,930	62,810	61,970	60,820	61,710	61,810	60,750	60,140
Unemployment		1,380	1,380	1,220	830	910	3,040	1,130	1,300	760	1,380	2,660	1,240	1,440
Rate		2.5	2.5	2.2	1.4	1.5	4.7	1.8	2.1	1.3	2.2	4.3	2.0	2.4
Employment <sup>2/</sup>		54,470	54,570	55,500	57,410	59,280	61,880	61,680	60,670	60,060	60,320	59,150	59,520	58,710
A. Nonag. <sup>W &amp; S</sup> <sup>3/</sup>		45,610	45,060	45,750	47,000	48,010	49,650	49,820	49,820	50,120	49,940	48,100	48,800	48,140
Manufacturing		19,780	19,370	19,680	20,080	20,850	21,630	22,010	21,810	21,830	21,800	20,050	20,570	20,790
Nonmanufacturing		25,830	25,690	26,070	26,920	27,160	28,020	27,810	28,010	28,290	28,140	28,050	28,230	27,350
B. All other Nonag. <sup>4/</sup>		5,360	5,480	5,590	5,840	6,040	6,190	6,260	6,180	6,060	6,200	5,510	5,900	5,880
C. Agriculture		3,500	3,540	3,670	4,080	4,580	5,830	5,580	4,650	3,850	4,190	4,340	3,570	4,280
Persons involved in labor management disputes <sup>5/</sup>		(0)	(490)	(490)	(490)	(650)	(220)	(20)	(20)	(20)	(0)	(1200)	(1250)	(410)
Workforce	1960	60,510	60,410	59,920	61,670	62,550	65,410	65,190	64,130	63,440	63,400	63,300	61,720	62,640
Unemployment		1,700	1,470	1,580	1,320	1,250	1,630	1,300	1,220	1,150	1,720	2,090	2,170	1,550
Rate		2.8	2.4	2.6	2.1	2.0	2.5	2.0	1.9	1.8	2.7	3.3	3.5	2.5
Employment <sup>2/</sup>		58,810	58,950	58,340	60,350	61,310	63,780	63,900	62,910	62,290	61,680	61,220	59,550	61,090
A. Nonag. <sup>W &amp; S</sup> <sup>3/</sup>		48,380	48,530	49,060	50,360	50,650	51,890	52,020	52,160	52,360	51,440	50,680	50,010	50,630
Manufacturing		21,070	21,440	21,920	22,010	22,060	22,700	22,690	22,450	21,960	21,350	20,770	20,350	21,730
Nonmanufacturing		27,310	27,090	27,140	28,350	28,590	29,190	29,330	29,710	30,400	30,090	29,910	29,660	28,900
B. All other Nonag. <sup>4/</sup>		5,640	5,710	5,650	5,940	6,130	6,300	6,200	6,190	6,110	6,010	6,050	6,070	6,000
C. Agriculture		3,580	3,510	3,640	4,050	4,540	5,590	5,400	4,570	3,820	4,240	4,480	3,470	4,240
Persons involved in labor management disputes <sup>5/</sup>		(1200)	(1200)	(0)	(0)	(0)	(0)	(280)	(0)	(0)	(0)	(0)	(0)	(220)

<sup>1/</sup> Cedar Rapids, Iowa defined as Linn County.

<sup>2/</sup> Includes nonagricultural wage and salary workers, all other nonagriculture, agriculture, and persons involved in labor management disputes, Detail may not add up to total due to rounding.

<sup>3/</sup> Data includes all full and part-time wage and salary workers employed during the week containing the 12th of the month.

<sup>4/</sup> Includes nonagricultural self-employed and unpaid family workers, and domestic workers in private households. (Revised RAL #606).

<sup>5/</sup> Data includes only persons involved in labor management disputes for the entire week containing the 12th of each month.

Adjusted to new entrant factors.

ESTIMATED NONAGRICULTURAL EMPLOYMENT IN CEDAR RAPIDS, IOWA 1/  
JANUARY - DECEMBER 1968

INDUSTRY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL AVERAGE
TOTAL NONAGRICULTURAL . . . . .	65,000	64,900	65,000	65,900	66,000	66,000	66,000	65,300	66,300	66,200	66,800	66,800	65,800
MANUFACTURING . . . . .	27,800	27,800	27,500	27,500	27,500	27,700	27,900	27,200	26,900	26,900	27,600	27,500	27,500
DURABLE GOODS . . . . .	20,400	20,500	20,400	20,500	20,300	20,200	20,300	20,200	19,800	19,800	19,800	19,900	20,200
FABRICATED METAL PRODUCTS . . . . .	1,000	1,000	1,000	1,000	1,000	900	1,000	1,000	1,000	1,000	1,000	1,000	1,000
MACHINERY INC ELEC EQUIP & SUPPLIES . . . . .	18,400	18,500	18,400	18,400	18,200	18,200	18,200	18,100	17,600	17,500	17,600	17,700	18,100
OTHER DURABLE GOODS 2/ . . . . .	1,000	1,000	1,100	1,100	1,100	1,100	1,200	1,200	1,200	1,200	1,200	1,200	1,100
NONDURABLE GOODS . . . . .	7,400	7,200	7,000	7,100	7,200	7,500	7,600	6,900	7,100	7,200	7,700	7,600	7,300
FOOD & KINDRED PRODUCTS . . . . .	5,700	5,600	5,400	5,400	5,500	5,700	5,800	5,100	5,300	5,400	5,900	5,800	5,600
PRINTING & PUBLISHING . . . . .	800	800	800	800	800	800	900	900	900	900	900	900	900
OTHER NONDURABLE GOODS 3/ . . . . .	900	900	900	800	900	900	900	900	900	900	900	900	900
NONMANUFACTURING . . . . .	37,100	37,100	37,500	38,300	38,500	38,300	38,100	38,100	39,400	39,300	39,300	39,300	38,400
CONTRACT CONSTRUCTION . . . . .	2,700	2,600	2,700	2,900	3,000	3,100	3,300	3,300	3,100	3,100	3,000	2,700	3,000
TRANS, COM, ELEC, GAS&SANITARY SERV.	3,000	3,000	3,000	3,100	3,100	3,100	3,100	3,200	3,200	3,200	3,200	3,200	3,100
Transportation . . . . .	1,500	1,500	1,500	1,500	1,500	1,600	1,500	1,600	1,700	1,700	1,700	1,700	1,600
Com, Elec, Gas & Sanitary Serv. . . . .	1,500	1,500	1,500	1,500	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
WHOLESALE & RETAIL TRADE . . . . .	12,500	12,400	12,600	13,000	13,000	13,100	13,000	13,000	13,100	13,000	13,200	13,700	13,000
Wholesale Trade . . . . .	3,000	3,000	3,000	3,100	3,100	3,100	3,100	3,100	3,000	3,000	2,900	3,000	3,000
Retail Trade . . . . .	9,500	9,400	9,600	9,900	10,000	10,000	9,900	9,900	10,100	10,000	10,300	10,600	9,900
FINANCE, INSURANCE & REAL ESTATE . . . . .	3,000	3,000	3,000	3,100	3,100	3,100	3,100	3,100	3,100	3,000	3,100	3,100	3,000
SERVICE & MISCELLANEOUS & MINING . . . . .	9,700	9,800	9,800	9,900	9,900	9,400	9,300	9,300	10,000	10,100	10,000	9,900	9,800
GOVERNMENT . . . . .	6,200	6,300	6,400	6,400	6,400	6,400	6,300	6,300	6,900	6,800	6,700	6,700	6,500

1/ Based on 1967 Standard Industrial Classification; Cedar Rapids, Iowa Area defined as Linn County, Iowa. March 1968 benchmark levels.

2/ Includes lumber and wood products; furniture and fixtures; stone, clay and glass products; primary metal industries; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

3/ Includes apparel and other textile products; paper and allied products; chemicals and allied products; petroleum and coal products; and rubber and plastics products, NEC.

Definition of employment: Data include all full and part-time wage and salary workers employed during the pay period including the 12th of the month. Proprietors, self-employed, domestic workers and the armed forces are excluded.

ESTIMATED NONAGRICULTURAL EMPLOYMENT IN CEDAR RAPIDS, IOWA <sup>1/</sup>  
JANUARY - DECEMBER 1967

INDUSTRY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL AVERAGE
TOTAL NONAGRICULTURAL . . . . .	62,100	62,100	62,600	63,300	63,600	64,700	65,300	65,000	66,300	65,900	65,400	66,400	64,400
MANUFACTURING . . . . .	27,200	27,200	27,100	27,100	27,200	27,800	28,500	28,200	28,200	28,100	27,700	28,000	27,700
DURABLE GOODS . . . . .	20,100	20,100	20,100	20,200	20,100	20,500	21,100	20,900	20,700	20,600	20,400	20,600	20,400
FABRICATED METAL PRODUCTS . . . . .	1,100	1,100	1,100	1,000	1,000	1,100	1,100	900	1,100	1,100	1,000	1,000	1,000
MACHINERY INC ELEC EQUIP & SUPPLIES . . . . .	17,900	17,900	18,000	18,100	18,100	18,400	19,000	18,900	18,600	18,400	18,200	18,400	18,300
OTHER DURABLE GOODS <sup>2/</sup> . . . . .	1,100	1,100	1,100	1,100	1,000	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
NONDURABLE GOODS . . . . .	7,200	7,100	6,900	6,900	7,000	7,300	7,400	7,300	7,500	7,600	7,400	7,400	7,200
FOOD & KINDRED PRODUCTS . . . . .	5,500	5,600	5,400	5,300	5,400	5,700	5,700	5,600	5,700	5,800	5,700	5,700	5,600
PRINTING & PUBLISHING . . . . .	800	900	800	800	800	800	800	800	800	800	800	800	800
OTHER NONDURABLE GOODS <sup>3/</sup> . . . . .	800	700	700	700	800	800	900	900	900	900	900	900	800
NONMANUFACTURING . . . . .	34,800	34,900	35,500	36,200	36,400	36,900	36,800	36,800	38,200	37,800	37,700	38,500	36,700
CONTRACT CONSTRUCTION . . . . .	2,600	2,600	2,700	3,000	3,100	3,400	3,400	3,300	3,200	3,000	2,900	2,900	3,000
TRANS, COM, ELEC, GAS & SANITARY SER. . . . .	3,000	3,000	3,100	3,100	3,100	3,200	3,200	3,100	3,100	3,100	3,100	3,100	3,100
Transportation . . . . .	1,500	1,500	1,500	1,500	1,600	1,600	1,600	1,600	1,600	1,500	1,500	1,500	1,500
Com, Elec, Gas & Sanitary Serv. . . . .	1,500	1,500	1,500	1,500	1,500	1,600	1,600	1,600	1,600	1,600	1,600	1,500	1,600
WHOLESALE & RETAIL TRADE . . . . .	12,200	12,200	12,400	12,600	12,600	12,900	12,800	13,000	13,100	13,000	13,200	13,700	12,800
Wholesale Trade . . . . .	3,100	3,100	3,100	3,000	3,000	3,100	3,200	3,200	3,200	3,100	3,200	3,200	3,100
Retail Trade . . . . .	9,200	9,100	9,300	9,500	9,600	9,800	9,600	9,800	10,000	9,800	10,000	10,600	9,700
FINANCE, INSURANCE & REAL ESTATE . . . . .	2,800	2,800	2,800	2,900	2,900	3,000	2,900	3,000	3,000	2,900	2,900	3,000	2,900
SERVICE & MISCELLANEOUS & MINING . . . . .	8,500	8,500	8,800	9,000	9,100	8,800	9,200	9,200	9,900	9,800	9,700	9,800	9,200
GOVERNMENT . . . . .	5,600	5,800	5,700	5,700	5,700	5,700	5,300	5,300	5,900	5,900	5,800	6,100	5,700

<sup>1/</sup> Based on 1963 Standard Industrial Classification; Cedar Rapids, Iowa Area defined as Linn County, Iowa. March 1968 benchmark levels.

<sup>2/</sup> Includes lumber and wood products; furniture and fixtures; stone, clay and glass products; primary metal industries; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

<sup>3/</sup> Includes apparel and other textile products; paper and allied products; chemicals and allied products; petroleum and coal products; and rubber and plastics products, NEC.

Definition of employment: Data include all full and part-time wage and salary workers employed during the pay period including the 12th of the month. Proprietors, self-employed, domestic workers and the armed forces are excluded.



Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
Total Nonagricultural . . . . .	53,280	53,270	53,340	54,220	54,560	54,910	55,060	54,970	54,740	55,120	54,690	55,310	54,460
Manufacturing . . . . .	22,920	22,920	22,810	22,950	23,110	23,420	23,240	22,770	22,310	22,740	22,290	22,790	22,860
Durable Goods . . . . .	15,990	16,100	16,080	16,230	16,330	16,620	16,380	15,780	15,190	15,720	15,240	15,720	15,950
Fabricated metal products . . . . .	830	880	870	900	900	910	890	900	920	900	870	870	890
Machinery, inc. electrical . . . . .	14,190	14,250	14,240	14,340	14,420	14,660	14,470	13,850	13,240	13,790	13,360	13,870	14,050
Other durable goods <sup>2/</sup> . . . . .	970	970	970	990	1,010	1,050	1,020	1,030	1,030	1,030	1,010	980	1,010
Nondurable Goods . . . . .	6,930	6,820	6,730	6,720	6,780	6,800	6,860	6,990	7,120	7,020	7,050	7,070	6,910
Food & kindred products . . . . .	5,520	5,410	5,320	5,300	5,370	5,380	5,430	5,570	5,670	5,590	5,620	5,640	5,490
Printing & publishing . . . . .	700	690	690	690	680	680	690	680	700	710	710	710	690
Other nondurable goods <sup>3/</sup> . . . . .	710	720	720	730	730	740	740	740	750	720	720	720	730
Nonmanufacturing . . . . .	30,360	30,350	30,530	31,270	31,450	31,490	31,820	32,200	32,430	32,380	32,400	32,520	31,600
Contract construction . . . . .	1,860	1,880	1,940	2,200	2,330	2,500	2,700	2,940	2,820	2,750	2,650	2,400	2,410
Trans., comm. & pub. utilities . . . . .	2,880	2,870	2,880	2,930	2,940	2,960	3,020	3,050	3,010	2,990	2,920	2,910	2,950
Other transportation . . . . .	620	610	630	610	620	630	660	670	680	700	650	680	650
Comm., gas, elec. & san. serv. . . . .	1,470	1,460	1,470	1,530	1,540	1,550	1,580	1,660	1,580	1,560	1,550	1,540	1,540
Wholesale & retail trade . . . . .	11,370	11,270	11,450	11,640	11,610	11,730	11,690	11,780	11,830	11,820	12,190	12,450	11,740
Wholesale trade . . . . .	2,840	2,860	2,860	2,900	2,880	2,930	2,960	2,980	2,940	2,900	2,970	2,890	2,910
Retail trade . . . . .	8,530	8,410	8,590	8,740	8,730	8,800	8,730	8,800	8,890	8,920	9,220	9,560	8,830
Finance, ins. & real estate . . . . .	2,450	2,440	2,440	2,490	2,470	2,530	2,580	2,590	2,500	2,530	2,490	2,500	2,500
Service, misc. & mining . . . . .	6,870	6,900	6,920	7,120	7,220	7,230	7,180	7,220	7,320	7,270	7,170	7,180	7,130
Government . . . . .	4,930	4,990	4,900	4,890	4,880	4,540	4,650	4,620	4,950	5,020	4,980	5,080	4,870

Definition of employment: Data include all full and part-time wage and salary workers employed during the pay period including the 12th of the month. Proprietors, self-employed, domestic workers and the armed forces are excluded.

<sup>1/</sup> Based on 1957 Standard Industrial Classification; Cedar Rapids, Iowa Area defined as Linn County, Iowa. March 1965 benchmark levels.

<sup>2/</sup> Other durable goods include: lumber and wood products, except furniture; furniture and fixtures; stone, clay and glass products; primary metal industries; transportation equipment; professional, scientific and controlling instruments; photographic and optical goods; watches and clocks; and miscellaneous manufacturing industries.

<sup>3/</sup> Other nondurable goods includes: apparel and other finished products made from fabrics and similar materials; paper and allied products; chemicals and allied products; petroleum refining and related industries; and rubber and miscellaneous plastics.

Prepared by Research & Statistics Division  
of the Iowa Employment Security Commission  
in cooperation with the U. S. Department of  
Labor.

Estimated Nonagricultural Employment in Cedar Rapids, Linn County <sup>1/</sup>  
January - December 1961

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
Total Nonagricultural . . . . .	48,830	48,520	48,200	49,050	49,140	49,160	48,950	49,230	49,720	48,620	49,230	49,220	48,990
Manufacturing . . . . .	20,290	20,170	19,810	20,100	19,950	19,530	19,390	19,470	19,670	18,920	19,690	19,860	19,740
Durable Goods . . . . .	13,790	13,750	13,440	13,660	13,400	12,790	12,700	12,720	12,890	11,960	12,880	12,960	13,080
Fabricated metal products . . .	620	660	670	710	720	730	740	740	740	710	700	710	710
Machinery, inc. electrical . .	12,300	12,200	11,860	11,960	11,690	11,070	10,990	11,010	11,200	10,260	11,190	11,300	11,420
Other durable goods <sup>2/</sup> . . . .	870	890	910	990	990	990	970	970	950	990	990	950	950
Nondurable Goods . . . . .	6,500	6,420	6,370	6,440	6,550	6,740	6,690	6,750	6,780	6,960	6,810	6,900	6,660
Food & kindred products . . . .	4,940	4,880	4,840	4,870	4,980	5,130	5,090	5,150	5,200	5,390	5,260	5,350	5,090
Printing & publishing . . . . .	680	670	670	680	690	690	700	700	690	700	700	700	690
Other nondurable goods <sup>3/</sup> . . .	880	870	860	890	880	920	900	900	890	870	850	850	880
Nonmanufacturing . . . . .	28,540	28,350	28,390	28,950	29,190	29,630	29,560	29,760	30,050	29,700	29,540	29,360	29,250
Contract construction . . . . .	2,050	1,910	1,890	2,090	2,230	2,390	2,620	2,810	2,790	2,480	2,300	1,930	2,290
Trans., comm. & pub. utilities .	3,000	2,990	2,970	2,950	2,980	2,980	2,980	2,990	2,980	2,990	2,960	2,930	2,970
Other transportation . . . . .	630	630	630	600	600	590	610	620	640	640	640	620	620
Comm., gas, elec. & san. serv.	1,530	1,520	1,510	1,520	1,530	1,530	1,490	1,490	1,480	1,500	1,480	1,480	1,500
Wholesale & retail trade . . . .	10,760	10,530	10,580	10,650	10,680	10,660	10,690	10,650	10,610	10,620	10,710	11,120	10,690
Wholesale trade . . . . .	3,060	3,030	3,010	2,940	2,930	2,930	2,920	2,900	2,870	2,930	2,930	2,940	2,950
Retail trade . . . . .	7,700	7,500	7,570	7,710	7,750	7,730	7,770	7,750	7,740	7,690	7,780	8,180	7,740
Finance, ins. & real estate . .	2,320	2,330	2,320	2,360	2,370	2,400	2,400	2,430	2,410	2,370	2,360	2,360	2,370
Service, misc. & mining . . . .	5,930	5,960	6,000	6,250	6,280	6,370	6,270	6,280	6,340	6,390	6,260	6,150	6,210
Government . . . . .	4,480	4,630	4,630	4,650	4,650	4,830	4,600	4,600	4,920	4,850	4,950	4,870	4,720

Definition of employment: Data include all full and part-time wage and salary workers employed during the pay period including the 12th of the month. Proprietors, self-employed, domestic workers and the armed forces are excluded.

- <sup>1/</sup> Based on 1957 Standard Industrial Classification; Cedar Rapids, Iowa Area defined as Linn County, Iowa. June 1964 benchmark levels.
- <sup>2/</sup> Other durable goods include: lumber and wood products, except furniture; furniture and fixtures; stone, clay and glass products; primary metal industries; transportation equipment; professional, scientific and controlling instruments; photographic and optical goods; watches and clocks; and miscellaneous manufacturing industries.
- <sup>3/</sup> Other nondurable goods include: apparel and other finished products made from fabrics and similar materials; paper and allied products; chemicals and allied products; petroleum refining and related industries; and rubber and miscellaneous plastics.

Estimated Nonagricultural Employment in Cedar Rapids, Linn County 1/  
January - December 1960

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
Total Nonagricultural . . . . .	48,380	48,530	49,060	50,360	50,650	51,890	52,020	52,160	52,360	51,440	50,680	50,010	50,630
Manufacturing . . . . .	21,070	21,440	21,920	22,010	22,060	22,700	22,690	22,450	21,960	21,350	20,770	20,350	21,730
Durable Goods . . . . .	15,120	15,370	15,430	15,480	15,560	16,080	15,890	15,710	15,150	14,680	14,240	13,790	15,210
Fabricated metal products . . . . .	880	920	890	870	860	880	810	760	730	790	720	660	810
Machinery, inc. electrical . . . . .	13,150	13,410	13,510	13,540	13,600	14,100	13,960	13,840	13,320	12,770	12,530	12,210	13,330
Other durable goods 2/ . . . . .	1,090	1,040	1,030	1,070	1,100	1,100	1,120	1,110	1,100	1,120	990	920	1,070
Nondurable Goods . . . . .	5,950	6,070	6,490	6,530	6,500	6,620	6,800	6,740	6,810	6,670	6,530	6,560	6,520
Food & kindred products . . . . .	4,300	4,370	4,800	4,820	4,820	4,910	5,090	5,070	5,170	5,040	4,920	4,960	4,860
Printing & publishing . . . . .	700	710	690	710	710	720	730	720	720	720	710	710	710
Other nondurable goods 3/ . . . . .	950	990	1,000	1,000	970	990	980	950	920	910	900	890	950
Nonmanufacturing . . . . .	27,310	27,090	27,140	28,350	28,590	29,190	29,330	29,710	30,400	30,090	29,910	29,660	28,900
Contract construction . . . . .	2,000	1,870	1,900	2,260	2,400	2,660	2,860	2,960	3,000	2,910	2,680	2,350	2,490
Trans., comm. & pub. utilities . . . . .	3,050	3,060	3,080	3,140	3,150	3,190	3,250	3,210	3,200	3,140	3,100	3,050	3,140
Other transportation . . . . .	680	690	680	690	680	720	720	700	720	710	690	680	700
Comm., gas, elec. & san. serv. . . . .	1,470	1,470	1,460	1,500	1,500	1,500	1,560	1,550	1,540	1,530	1,520	1,510	1,510
Wholesale & retail trade . . . . .	10,410	10,240	10,290	10,770	10,760	10,980	10,910	11,170	11,540	11,410	11,530	11,650	10,970
Wholesale trade . . . . .	2,960	2,970	2,960	2,960	3,010	3,070	3,070	3,090	3,080	2,990	3,020	3,030	3,020
Retail trade . . . . .	7,450	7,270	7,330	7,810	7,750	7,910	7,840	8,080	8,460	8,420	8,510	8,620	7,950
Finance, ins. & real estate . . . . .	2,030	2,040	2,030	2,110	2,100	2,130	2,170	2,180	2,180	2,160	2,180	2,180	2,130
Service, misc. & mining . . . . .	5,760	5,760	5,740	5,980	6,040	6,030	6,090	6,090	6,250	6,230	6,170	6,050	6,010
Government . . . . .	4,060	4,120	4,100	4,090	4,140	4,200	4,050	4,100	4,240	4,250	4,250	4,370	4,160

Definition of employment: Data include all full and part-time wage and salary workers employed during the pay period including the 12th of the month. Proprietors, self-employed, domestic workers and the armed forces are excluded.

1/ Based on 1957 Standard Industrial Classification; Cedar Rapids, Iowa Area defined as Linn County, Iowa. June 1964 benchmark levels.

2/ Other durable goods include: lumber and wood products, except furniture; furniture and fixtures; stone, clay and glass products; primary metal industries; transportation equipment; professional, scientific and controlling instruments; photographic and optical goods; watches and clocks; and miscellaneous manufacturing industries.

3/ Other nondurable goods include: apparel and other finished products made from fabrics and similar materials; paper and allied products; chemicals and allied products; petroleum refining and related industries; and rubber and miscellaneous plastics.

Estimated Nonagricultural Employment in Cedar Rapids, Linn County <sup>1/</sup>  
January - December 1958

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
Total Nonagricultural . . . . .	43,220	42,720	42,910	43,610	43,980	44,550	44,710	44,900	45,570	45,400	46,010	46,550	44,510
Manufacturing. . . . .	18,100	18,010	18,040	17,920	17,950	18,220	18,360	18,330	18,660	18,700	19,260	19,690	18,440
Durable Goods . . . . .	11,130	11,070	11,050	11,080	11,140	11,290	11,400	11,340	11,570	11,670	12,440	12,810	11,500
Fabricated metal products. . .	730	760	820	830	820	880	890	850	900	940	970	960	860
Machinery, including elect. . .	9,410	9,330	9,270	9,280	9,320	9,380	9,500	9,470	9,630	9,630	10,300	10,700	9,600
Other durable goods <sup>2/</sup> . . . .	990	980	960	970	1,000	1,030	1,010	1,020	1,040	1,100	1,170	1,150	1,040
Nondurable Goods. . . . .	6,970	6,940	6,990	6,840	6,810	6,930	6,960	6,990	7,090	7,030	6,820	6,880	6,940
Food & kindred products. . . .	5,430	5,410	5,460	5,290	5,340	5,420	5,460	5,450	5,600	5,550	5,320	5,300	5,420
Printing & publishing. . . . .	650	650	650	650	640	660	650	660	650	640	650	670	650
Other nondurable goods <sup>3/</sup> . . .	890	880	880	900	830	850	850	880	840	840	850	910	870
Nonmanufacturing . . . . .	25,120	24,710	24,870	25,690	26,030	26,330	26,350	26,570	26,910	26,700	26,750	26,860	26,070
Contract construction . . . . .	1,730	1,560	1,620	2,020	2,150	2,230	2,360	2,550	2,610	2,520	2,450	2,180	2,160
Trans., comm. & pub. utilities.	3,070	3,020	3,030	3,040	3,050	3,080	3,070	3,090	3,080	3,050	3,010	2,980	3,050
Other transportation . . . . .	630	630	650	630	640	650	650	650	650	660	630	630	640
Comm., gas, elec. & san. serv.	1,470	1,440	1,430	1,450	1,450	1,460	1,440	1,450	1,440	1,410	1,410	1,400	1,440
Wholesale & retail trade. . . . .	9,620	9,440	9,470	9,760	9,820	9,900	10,000	10,050	10,100	10,020	10,170	10,450	9,900
Wholesale trade. . . . .	2,670	2,670	2,660	2,730	2,750	2,800	2,840	2,880	2,830	2,800	2,880	2,890	2,780
Retail trade . . . . .	6,950	6,770	6,810	7,030	7,070	7,100	7,160	7,170	7,270	7,220	7,290	7,560	7,120
Finance, ins. & real estate . .	1,880	1,870	1,890	1,890	1,900	1,940	1,930	1,920	1,920	1,920	1,920	1,930	1,910
Service, misc. & mining . . . .	5,090	5,100	5,140	5,230	5,290	5,390	5,290	5,270	5,350	5,350	5,330	5,340	5,260
Government. . . . .	3,730	3,720	3,720	3,750	3,820	3,790	3,700	3,690	3,850	3,840	3,870	3,980	3,790

Definition of employment: Data include all full and part-time wage and salary workers employed during the pay period including the 12th of the month. Proprietors, self-employed, domestic workers and the armed forces are excluded.

<sup>1/</sup> Based on 1957 Standard Industrial Classification; Cedar Rapids, Iowa Area defined as Linn County, Iowa. June 1964 benchmark levels.

<sup>2/</sup> Other durable goods include: lumber and wood products, except furniture; furniture and fixtures; stone, clay and glass products; primary metal industries; transportation equipment; professional, scientific and controlling instruments; photographic and optical goods; watches and clocks; and miscellaneous manufacturing industries.

<sup>3/</sup> Other nondurable goods include: apparel and other finished products made from fabrics and similar materials; paper and allied products; chemicals and allied products; petroleum refining and related industries; and rubber and miscellaneous plastics.



Area

Wage

Survey

Cedar Rapids, Iowa

February 1968

UNITED STATES DEPARTMENT OF LABOR

BUREAU OF LABOR STATISTICS

This study was conducted by the Bureau of Labor Statistics at the request of the Wage and Hour and Public Contracts Divisions of the U.S. Department of Labor for use in the administration of the McNamara-O'Hara Service Contract Act of 1965. This report presents results of a February 1968 survey of wages and selected supplementary benefits in the Cedar Rapids Standard Metropolitan Statistical Area, which consists of Linn County, Iowa.

Table 2 shows straight-time earnings information covering selected plant and office occupations common to a variety of manufacturing and non-manufacturing industries. For these jobs, studied on a cross-industry basis and limited to establishments with 50 employees or more, data were collected from 41 firms employing 27,030 employees. The companies studied were selected to represent an estimated 91 establishments with approximately 33,660 employees in the area. Tables 4 and 5 present information on vacation pay provisions and paid holidays, for nonsupervisory plant and office workers.

As shown in table 1, a separate study of earnings in selected food service occupations was also conducted on an industry basis among employers of 20 workers or more in eating and drinking places, and hotels, tourist courts, and motels (table 3).

Occupational classification was based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. The job descriptions used in the survey are available on request.

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This is one of the 85 areas in which similar surveys are being conducted. In addition, the Bureau conducts more extensive occupational wage and related benefits studies in 86 other areas throughout the United States. For information on these reports and other Bureau publications, contact the BLS regional office identified on page 2.

Regional Office and Director

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Federal Office Building, Third Floor  
911 Walnut Street  
Kansas City, Missouri 64106  
Phone: 374-2481  
(Area Code 816)

Mountain-Plains Region

Colorado	Nebraska
Iowa	North Dakota
Kansas	South Dakota
Missouri	Utah
Montana	Wyoming

TOTAL COST OF BUDGET

Rank	Lower	Moderate	Higher
1	Honolulu \$7,246	Honolulu \$10,902	Honolulu \$16,076
2	San Francisco 6,571	New York City 9,977	New York City 14,868
3	Seattle 6,520	Boston 9,973	Boston 14,568
4	Hartford 6,422	Hartford 9,833	San Francisco 14,079
5	Los Angeles 6,305	San Francisco 9,774	Hartford 13,814
6	Champaign 6,257	Buffalo 9,624	Buffalo 13,679
7	Boston 6,251	Seattle 9,550	Los Angeles 13,645
8	CEDAR RAPIDS 6,223	Milwaukee 9,544	Milwaukee 13,636
9	Washington, D.C. 6,133	Minneapolis 9,399	Seattle 13,486
10	Indianapolis 6,124	CEDAR RAPIDS 9,358	San Diego 13,461
11	Chicago 6,104	Chicago 9,334	Washington, D.C. 13,419
12	Milwaukee 6,104	Los Angeles 9,326	Minneapolis 13,348
13	Buffalo 6,083	Washington, D.C. 9,273	Chicago 13,325
14	Minneapolis 6,058	Cleveland 9,262	CEDAR RAPIDS 13,307
15	New York City 6,021	Champaign 9,257	Champaign 13,199
16	ST. LOUIS 6,002	Indianapolis 9,232	Philadelphia 13,131
17	San Diego 6,002	San Diego 9,209	Indianapolis 13,111
18	WICHITA 5,978	Portland 9,195	DENVER 13,011
19	KANSAS CITY 5,957	ST. LOUIS 9,140	Cleveland 12,997
20	Portland, Me. 5,951*	DENVER 9,080*	Green Bay 12,944*
21	Cleveland 5,915	Philadelphia 9,079	Detroit 12,911
22	DENVER 5,905	Detroit 8,981	ST. LOUIS 12,813
23	Philadelphia 5,898	KANSAS CITY 8,965	Bakersfield 12,765
24	Detroit 5,873	Lancaster 8,960	KANSAS CITY 12,732
25	Pittsburgh 5,841	Green Bay 8,955	Baltimore 12,728
26	Lancaster 5,823	WICHITA 8,907	Portland 12,660
27	Baltimore 5,820	Cincinnati 8,826	Lancaster 12,610
28	Dayton 5,796	Bakersfield 8,822	WICHITA 12,595
29	Bakersfield 5,779	Pittsburg 8,764	Pittsburg 12,551
30	Green Bay 5,714	Durham 8,688	Durham 12,431
31	Cincinnati 5,702	Baltimore 8,685	Dayton 12,392
32	Nashville 5,677	Dayton 8,636	Baton Rouge 12,375
33	Dallas 5,607	Nashville 8,388	Cincinnati 12,283
34	Atlanta 5,597	Baton Rouge 8,348	Dallas 12,157
35	Durham 5,570	Dallas 8,345	Nashville 12,055
36	Houston 5,542	Atlanta 8,328	Orlando 12,024
37	Orlando 5,419	Houston 8,301	Houston 11,897
38	Baton Rouge 5,402	Orlando 8,227	Atlanta 11,846
39	Austin 5,237	Austin 7,952	Austin 11,299

\*Median

WORKSHEET FOR ESTIMATING THE "UNIVERSE OF NEED"  
AND THE NUMBER OF DISADVANTAGED IN A STATE OR LABOR AREA

WORKSHEET 1  
FORMAT

Annual average unemployment data  
for 1968 used as base period

Cedar Rapids Labor Area  
State or Area

Line	ITEM	I	II	III	IV
1.	PART A. COMPONENTS OF THE "UNIVERSE OF NEED". <sup>a/</sup>				
2.	1. Total Unemployment -- 1968 Annual Average				<u>1360</u>
3.	1968 Annual Average Unemployment Rate <u>1.8%</u>				
4.	(a) Unemployed Poor -- Line 2 times unemployment factor (see page 28 of instructions)	<u>610</u>			
5.	(b) Nonpoor Unemployed -- Line 2 minus line 4	<u>750</u>			
6.	2. <u>Other Underutilized Individuals Needing Employment-Related Assistance</u>				
7.	(a) <u>Employed Part-time for Economic Reasons</u>				
8.	Total employed (less agriculture, forestry, and fisheries) - 1960	<u>52,565</u>			
9.	Total employed nonwhite (less agriculture, forestry, and fisheries) - 1960	<u>481</u>			
10.	Line 9 divided by line 8	<u>.0092</u>			
11.	1968 annual average total employed (less agriculture, forestry and fisheries)	<u>71,720</u>			
12.	1968 annual average nonwhite employed -- line 11 times line 10	<u>660</u>			
13.	1968 annual average white employed -- line 11 minus line 12	<u>71,060</u>			
14.	Line 12 times nonwhite monthly average of 6.0 percent		<u>40</u>		

<sup>a/</sup> See last page of worksheet.

(continued on next page)

SKILLED NEEDS SURVEY  
Of All Employers of Four or More Persons  
Within the Area Ten Community College District

January, 1968

A report of the Determination of training needs  
for semi-skilled, skilled and technician level  
jobs in the seven counties of the Area Ten Com-  
munity College district

Benton  
Cedar  
Iowa  
Johnson  
Jones  
Linn  
Washington

Submitted by: AREA TEN COMMUNITY COLLEGE  
in cooperation with  
IOWA STATE EMPLOYMENT SERVICE

Prepared by: James H. Rogers  
John L. Niemeyer

## FUNDING

The SKILLED NEEDS SURVEY of all employers of four or more persons within the Area Ten Community College district was financed on a matching basis with funds made available from Section IV-C of the Vocational Education Act of 1963, through the Iowa State Department of Public Instruction, Division of Vocational Technical Education.

## ADMINISTRATION

The SKILLED NEEDS SURVEY research was supervised throughout by Dr. S.A. Ballantyne, Superintendent of Area Ten Community College, and was directed by Mr. Ralph Wahrer, Director of Adult Education, and by Mr. G. W. Eddings, Director of Vocational Technical Education. Financial arrangements were handled by Mr. Kenneth K. Kupka, Business Manager.

Actual SURVEY design, collection, coding and analysis of all data, was coordinated by Mr. James H. Rogers, Coordinator of General Adult Education and Special Projects, and by Mr. John L. Niemeyer, Labor Market Economist for the Iowa State Employment Service in Cedar Rapids, who have co-authored this report.

## THE PROBLEM

Since the establishment of Area Ten Community College from the enabling legislation in Senate file 550, it has become apparent that existing research is wholly inadequate for the purpose of assessing the need for specific vocational-technical training programs. Moreover, it would seem that currently there is no agency nor technique yet available to gather and disseminate the necessary information.

A review of the existing research reveals that no comprehensive data is currently available on the total number of trained workers in the job titles which were included in this SKILLED NEEDS SURVEY. For example:

1. Mr. George Lawry, Occupational Analyst Supervisor for the Iowa State Employment Security Commission, reported that his agency does not have any State-wide (nor local) statistics on the need for semi-skilled, skilled or technician level workers.
2. Mr. Richard Konicek, Director of the Iowa Development Commission, reported that he does not have statistics which relate to the need for trained workers in the Area Ten Community College district.
3. Mr. John Ropes, Director of the Iowa Manpower Council, reported that his agency does not have access to any statistics which indicate the need for semi-skilled, skilled or technician-level workers in the Area Ten district.

Nevertheless, the need for this kind of demographic information is, and will continue to be, most urgent.

It was felt, therefore, that Area Ten Community College should take the initiative and conduct a comprehensive SKILLED NEEDS SURVEY of the businesses and industries in its seven-county district, to determine from employers their need for workers who might be trained by the College. Thus, the following is that attempt to so determine the current number of employees, current job vacancies, trainees, turnover, and projected

number of employees who will be needed in this area, so as to establish the need for certain specialized training programs. To accomplish this objective, more than 500 job titles in 12 major occupational groups were surveyed.

### OBJECTIVES

The SKILLED NEEDS SURVEY of all employers of four or more persons within the Area Ten Community College district was intended:

1. To determine the number and kind of semi-skilled, skilled and technician-level workers that are needed in the Area Ten Community College district.
2. To determine the number of current vacancies in each occupational group and for the job titles found in each.
3. To determine the number of workers that each employer anticipates he will employ by September, 1968, and in September, 1970.
4. To determine the per cent of workers leaving employment due to death, retirement or promotion in each occupational group or job title.
5. To determine the extent of formal in-plant training available, and to determine the current number of trainees.
6. To secure from employers their estimation of the availability of trained workers as being short, adequate or surplus, in each job title.
7. To develop a questionnaire and establish a procedure for conducting such a SKILLED NEEDS SURVEY that might be adapted later for state-wide usage.
8. To develop procedures and data processing materials necessary to continue this SURVEY on a periodic basis, and to specialize the survey activities of Area Ten Community College so that an area-wide survey of labor supply can be accomplished via sampling techniques and selected community surveys.
9. And in light of the above, to better plan the curriculum in Vocational Technical and Adult Education programs at Area Ten Community College.

### IMPLEMENTATION

To fulfill the above objectives, the following procedures were adopted and carried out under the supervision of the Area Ten Community College staff:

1. Using the questionnaire designed by Dr. Phillip Langerman of Area XI Community College as a model, a questionnaire form was developed for use in the Area Ten district. Modifications were then made by a committee of Area Ten staff members, Mr. Robert Frye and Mr. John Niemeyer of the Iowa State Employment Service in Cedar Rapids, and Mr. Carroll Luckey of the local Personnel Managers Association.
2. Mr. Ken Wold, Director of the State Occupational Research Development and Coordinating Unit, supplied Area Ten officials with a tabulated list of occupational groups and the (1965) number of employees in each area. An analysis of the tabulated lists indicated that there are 12 major occupational groups in the Area Ten district.
3. Mr. Wold also supplied the research team with a print-out listing of all forms in the Area Ten district employing four or more persons. This information was obtained from the Iowa State Employment Security Commission's unemployment insurance records.

However, the second table of data, detailing job titles according to S.I.C. codes, represents the major accomplishment of this SURVEY. Heretofore, this information has not been available from any source. As a result of this breakthrough, in the future, Area Ten will be able to look at any industry (or group of industries), classify it by S.I.C. code, and obtain an accurate portrait of that industry, in terms of its job titles, exactly as they are reported in this area. Conversely, we can now work backwards from any particular job title (or group of job titles) and ascertain exactly those industries in which this job title obtains.

The implications of the above technique on future research at Area Ten are profound: we shall be able to pinpoint a relatively small, precise number of employers in a particular occupational group (or employers cutting across many major groups) and to design specialized, simplified survey forms and questionnaires which will yield only that information that is pertinent and desired. Mass surveys, like the present one, will no longer be necessary.

Thus, in the future, projected survey samples will be small and easy to manage, and the survey itself will be inexpensive and efficient. The savings, in terms of manpower and money, will be enormous!

This alone will be enough to justify our labors.



AREA TEN COMMUNITY COLLEGE  
DR. S. A. BALLANTYNE, SUPERINTENDENT  
4401 Sixth Street Road S.W.  
Cedar Rapids, Iowa 52406

SKILL NEEDS SURVEY

January 1968

MAJOR OCCUPATIONAL GROUPINGS

- I. AUTOMOTIVE AND DIESEL
- II. CONSTRUCTION
- III. DATA PROCESSING
- IV. FOOD SERVICE AND PROCESSING
- V. HEALTH
- VI. MACHINE TRADES AND INDUSTRIAL
- VII. OFFICE
- VIII. PRINTING AND PUBLISHING
- IX. SALES
- X. SERVICE
- XI. TEXTILES
- XII. TRANSPORTATION, COMMUNICATION, AND PUBLIC UTILITIES

## TURNOVER ESTIMATES

Each employer was requested to indicate by percentage his estimate of annual turnover in each occupation. This information is not included with this report for the following reasons.

Many employers, especially those with a large employment and variety of occupations, were reluctant to indicate turnover rates because of the time and cost involved. These firms felt that estimates should be based on statistical data, which would involve clerical time in searching personnel records or the use of valuable computer time.

Some of the firms that did respond reported the average turnover rate for the company, rather than for individual occupations. While this information is valuable, it can not be used in establishing turnover norms for occupational groupings, nor can it be used to indicate occupations with unusually high or low turnover rates.

Therefore, in order to obtain an accurate turnover picture, turnover information must be analyzed from raw data for each occupation. To do this for all occupations would involve a disproportionate amount of time and effort compared to benefits received. However, turnover rates for individual occupations or occupational groupings will be made available as the need arises.

## EMPLOYMENT PROJECTIONS

The survey form also requested employers to answer the following question for each occupation:

"Will the total number of employees increase (+), decrease (-), or remain the same in the next 12 months."

Some skilled needs survey forms developed in other areas requested employers to project their actual employment by occupation for one and two years hence. However, the response to this quantitative approach was not encouraging. Therefore, the Area Ten questionnaire asked employers to indicate just the direction they estimate their employment by occupation would take during the next year.

Nevertheless, several employers felt that too many factors were involved to attempt to predict trends. Therefore, this section was left unanswered on many forms. Rather than to attempt to interpret the information that was received and to fill in where no information was received, data concerning employment trends will be analyzed when needed.

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## INTERPRETATION INFORMATION

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In interpreting the following data, please note that the number of employers indicating supply of trained workers does not necessarily represent the number of employers indicating employees, vacancies, or trainees. In some instances, employers failed to indicate the supply of workers, although they completed the other sections of the survey.

AREA TEN COMMUNITY COLLEGE  
 DR. S. A. BALLANTYNE, SUPERINTENDENT  
 4401 SIXTH STREET ROAD SW  
 CEDAR RAPIDS, IOWA

SKILL NEEDS SURVEY

January, 1968

I. <u>MAJOR OCCUPATIONAL GROUPINGS</u> D.O.T. CODES & TITLES	Number of Employees			Current Vacancies	Number of Trainees	Number of Employers Indicating Supply of Trained Workers as Short Adequate Surplus		
	Total	Male	Female			Sh.	Ad.	Surp
I. AUTOMOTIVE AND DIESEL								
620.231A Automobile Mechanic	202	202	0	24	18	33	22	
620.231B Front End Alignment Man	13	13	0	3	1	9	4	
620.231C Transmission Mechanic	10	10	0	1	0	5	1	
620.231D Brakeman, Automobile	9	9	0	1	1	4	1	
620.231E Automobile Air Conditioning Mech	4	4	0	1	1	3		
620.231F Automobile Maintenance Mechanic	15	15	0	5	1	3		
620.231G Tractor Mechanic	9	9	0	2	0	3	1	
620.231H Transmission Mechanic-Diesel	2	2	0	0	0		1	
620.231K Motorcycle Repairman	4	4	0	0	2		1	
620.231L Automobile Repair Service Salesman	16	16	0	0	0	1	2	
620.231M Automotive Maintenance Equip. Service	7	7	0	2	2	1	1	
620.331 Automotive Tune-Up Mechanic	31	31	0	5	6	15	5	
620.884 Truck Mechanic Helper	6	6	0	1	0	1		
620.884C Automobile Mechanic Helper	1	1	0	0	0		1	
620.884D Wrecker	3	3	0	0	0	1		
624.231 Farm Equipment Mechanic	91	90	1	27	14	16	9	1
625.231E Diesel Mechanic	32	31	1	9	6	6	4	

TOTAL    MALE    FEMALE    VACANCIES    TRAINEES    Sh.    Ad.    Surp.

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II. CONSTRUCTION

001.231	Draftsman, Architectural	53	51	2	11	10	16	5
003.231B	Draftsman, Electrical	1	1	0	2	1	3	
005.231	Draftsman, Civil	5	5	0	0	0	2	2
005.231B	Draftsman, Structural	6	6	0	1	2		1
017.231	Draftsman, Map	16	15	1	3	2	3	
017.231B	Draftsman, Heating and Ventilating	2	2	0	0	2	1	
018.188A	Instrument Man	2	2	0	0	1		1
018.188B	Surveyor	2	2	0	1	2	1	
018.537	Rodman	5	5	0	1	0	1	1
018.637	Chainman	1	1	0	0	0		1
160.23C	Estimator	41	41	0	5	1	7	5
182.237	Construction Inspector	5	5	0	0	2	1	
299.331	Carpet Layer	3	3	0	0	1	2	2
570.335	Concrete Mixer Operator	3	3	0	0	0	1	
620.231P	Heavy Equipment Mechanic	24	24	0	1	0	1	1
620.231J	Engineering Equipment Mechanic	3	3	0	0	1		1
620.231N	Construction Equipment Mechanic	6	6	0	1	0	2	2
677.732	Stonecutter, Machine	2	2	0	0	0	1	
301.781	Structural-Steel Worker	45	45	0	0	0	4	2
324.231	Electrician	201	201	0	9	20	8	5
329.231B	Elevator Repairman	2	2	0	0	20		
340.131	Painter Foreman	4	4	0	0	0		1
340.781	Painter	59	59	0	2	3	0	3
342.781	Plasterer	24	24	0	5	0	2	3
342.781B	Lather	3	3	0	0	0	2	
342.337	Plasterer Helper	2	2	0	0	0	1	1
344.334	Cement Mason	12	12	0	1	1	5	
350.333	Bulldozer Operator	4	4	0	0	0	1	1
350.333B	Power Shovel Operator	14	14	0	1	1	1	6
350.337	Laborer, Road	29	29	0	0	0		2
359.732	Earth Boring Machine Operator	9	9	0	0	0		2
359.333A	Heavy Equipment Operator O E	192	192	0	28	7	9	13
359.335	Crusher Operator	3	3	0	0	0		2
360.131	Carpenter Foreman	96	96	0	7	3	9	14
360.331	Carpenter	33.6	33.6	0	49	23	25	13
360.331B	Acoustical Carpenter	2	2	0	0	0		1
360.337	Laborer, Carpentry	1	1	0	0	0	1	

861.381	Bricklayer-Mason	68	68	0	15	7	10	4
861.381B	Silo Erector	9	9	0	6	2	1	
861.781	Stonemason	13	13	0	4	3	4	
861.781B	Tile Setter	15	15	0	0	2		2
861.884	Tile Setter Helper	5	5	0	0	0	1	1
861.884B	Tuck Pointer	15	15	0	0	8		1
862.131	Plumber Foreman	1	1	0	0	0		1
862.381A	Plumber	97	97	0	26	17	12	8
862.381B	Pipe Fitter	52	52	0	8	6	7	2
862.884	Plumber Helper	2	2	0	0	0		1
863.884	Sider	1	1	0	1	0	1	
864.781	Floor Layer	24	24	0	0	4	5	2
865.781	Glazier	19	19	0	2	3	1	1
865.884	Glass Installer	2	2	0	0	0		1
866.381	Roofer	34	34	0	20	9	8	1
869.131	Concreting Foreman	5	5	0	2	1	3	1
869.381	House Repairman	32	32	0	2	1	2	
869.381B	Sign Erector	5	5	0	0	0		1
869.884	Awning Hanger	2	0	2	2	0	1	
869.885	Mortar Mixer	6	6	0	0	0	1	
869.887	Construction Worker	95	95	0	27	6	7	12
900.888	Concrete Mixing Truck Driver	15	15	0	1	0	1	3
922.887C	Yardman-Lumber Yard	13	13	0	1	0	5	4
930.782	Drilling Machine Operator	2	2	0	0	0	1	1
939.887	Company Laborer	8	8	0	0	0	1	1
863.884A	Insulation Worker	1	1	0	0	0	1	

	TOTAL	MALE	FEMALE	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
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IV. FOOD SERVICE AND PROCESSING

077.168	Dietitian	14	0	14	0	0		
162.158B	Buyer, Livestock	2	2	0	0	0		1
180.118	Field Man	2	2	0	0	0	1	1
211.468	Cashier	47	8	39	3	5	2	13
222.687	Milk Receiver	2	2	0	0	0		1
224.527	Weighmaster	2	2	0	0	0		2
294.258	Auctioneer	5	5	0	0	0		3
310.868	Hostess	23	0	23	2	0	1	8
311.878A	Waiter or Waitress	367	325	342	12	13	13	33
311.878B	Bus Boy	34	28	6	0	3	4	1
311.878C	Counterman	63	25	38	8	0	2	5
311.878D	Floor Girl, Cafeteria	52	5	47	0	0		1
311.878E	Car Hop	8	0	8	8	0	1	
312.878	Bartender	48	30	18	2	2	4	13
313.131	Chef	16	10	6	1	1	1	6
313.168	Executive Chef	10	5	5	0	1	3	2
315.231	Cook	233	60	178	17	12	20	39
316.234	Meat Cutter-Butcher	53	48	5	2	2	7	13
317.337	Cooks Helper	126	34	92	4	16	8	21
318.337	Kitchen Helper-Washer	298	82	216	6	4	12	20
319.374	Caterer Helper	1	0	1	0	0		
352.362	Host	5	0	5	0	0		3
403.333	Farm Hand, Sugarcane	20	20	0	5	0	1	
409.383	Farm Equipment Operator	10	10	0	2	0	1	1
412.131	Poultryman, Egg	1	1	0	0	0		1
413.334	Farm Hand, Livestock	1	1	0	0	0		1
521.335	Feed Grinder	26	26	0	5	0	10	11
522.335	Sugar Processing Equipment Tender	11	5	6	1	0	1	
525.337	Hide Handler	19	19	0	0	4		1
526.701	Baker	27	14	13	2	2	5	9
529.331	Cheesemaker	14	14	0	2	0	1	1
529.637	Egg Candler	2	0	2	0	0		2
529.732	Dairy Processing Equipment Operator	34	32	2	2	4	3	0
529.702B	Buttermaker	2	2	0	0	0		2
529.835	Ice Cutter	5	5	0	1	0		1
919.337B	Yardman, Stockyard	60	60	0	0	0		5
920.335	Packager-Machine	42	12	30	1	1	9	
922.337B	Laborer, Stores	76	67	9	1	6	3	13
529.634	Expansion Man	6	6	0	0	0	1	
529.837	Laborer, Meat	1675	1295	380	36	0		1

TOTAL MALE FEMALE VACANCIES TRAINEES Sh. Ad. Surp.

V. HEALTH

	TOTAL	MALE	FEMALE	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
074.387 Pharmacy Helper	4	0	4	0	0			
078.368A Dental Hygienist	3	1	2	0	0		3	
078.368B X-Ray Tech--Radiological Tech	58	17	41	3	35	3	4	
078.368C EEG -Electroencephalograph-Tech	8	0	8	0	0			
078.368D EKG -Electrocardiograph-Technician	1	0	1	0	0			
078.381 Medical Laboratory Asst.	211	75	136	3	1	1	5	
079.128 Occupational Therapy Aide	2	1	1	0	0			
079.128B Occupational Therapist	5	0	5	0	0			
079.268 Inhalation Therapist	5	1	4	0	1		2	
079.368 Medical Assistant	14	2	12	0	0		6	
079.378A Nurse, Associate Degree	343	2	341	25	203	12	22	
079.378B Dental Assistant	76	0	76	10	33	4	5	
079.378C Nurse, Licensed Practical	141	1	140	25	33	4	1	1
079.378D Surgical Technician	17	9	8	0	7		4	
079.378E Orthopist	3	0	3	0	0		1	
079.378F Physical Therapist	5	1	4	0	0			
100.388 Medical Record Librarian	8	0	8	0	0	3	2	
201.368A Medical Secretary	53	1	52	1	0	5	7	
210.368 Insurance Clerk	4	0	4	0	0	1	3	
219.388F Work Clerk	40	1	39	0	0			
223.587 Laboratory Helper	57	4	53	0	0			
249.388A Medical Record Clerk	29	2	27	0	0		4	
338.381 Embalmer	7	7	0	1	1	1		
339.381 Lady Attendant	2	0	2	0	0		1	
355.878 Orderlies & Nurses Aides	713	63	645	34	21	11	10	
355.878A Tray Line Worker	161	3	158	7	3	6	7	1
356.874 Animal Caretaker	21	16	5	0	0		1	
381.887B Cleaner, Laboratory Equipment	7	2	5	0	0			
712.281 Orthopedic Appliance & Limb Techn	2	2	0	0	0			
712.381 Dental Laboratory Tech	2	1	1	0	0		1	
713.381 Optician	1	1	0	0	0		1	
913.883 Ambulance Driver	1	1	0	0	0			

TOTAL	MALE	FEMALE	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
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VI. MACHINE TRADES AND INDUSTRIAL

003.181	Electronic Technician	305	301	4	22	7	7	4
003.181A	Electrical Technician	6	6	0	0	0		
003.31	Draftsman, Electronic	35	31	4	27	2	3	1
007.181	Mechanical Engineering Technician	29	29	0	0	0	3	6
007.281	Draftsman, Mechanical	125	122	3	3	12	9	5
011.281	Metallurgist, Assistant-Tech	2	2	0	0	0		1
012.288	Industrial Engineering Technician	13	13	0	1	3	1	1
022.281	Chemical Laboratory Technician	1	1	0	0	0		1
033.281	Instrumentation Technician	0	0	0	1	0	1	
199.137	Radiation Monitor	1	1	0	0	0		
221.163	Production Coordinator	10	10	0	0	0	1	
500.380	Plater	4	4	0	0	0	1	
500/782	Plater, Barrel	2	2	0	0	0		1
500.886	Laborer, Electroplating	4	4	0	0	4		1
504.782	Heat Treater	12	12	0	0	0	1	2
512.782	Furnace Operator	2	2	0	1	0	1	
518.381	Coremaker	6	6	0	0	0		1
518.381B	Molder	5	5	0	3	0	1	
518.782	Machine Molder	14	14	0	0	5		1
556.782	Injection Molding Machine Operator	4	0	4	0	0		1
559.782	Utility Operator	1	1	0	0	0	1	
575.781	Glass Blower	1	1	0	0	0		
600.280A	Patternmaker, Metal	4	4	0	3	10	1	1
600.280B	Machinist	252	251	1	10	13	12	12
600.381	Lay-out Man	41	41	0	0	0		6
601.280	Tool and Die Maker	100	100	0	3	4	11	5
601.281	Inspector, Gage	5	5	0	0	0	1	
603.280	Grinding Machine Operator	42	42	0	1	0	5	7
604.380	Turret Lathe Set-up Operator	179	179	0	6	6	5	5
604.380B	Screw Machine Set-up Man, Prod	3	3	0	0	0	1	
604.782	Screw Machine Set-up Operator	29	29	0	3	0	2	1
604.885	Screw Machine Operator, Production	10	10	0	1	0	1	
605.885	Milling Machine Set-up Operator	76	76	0	4	7	5	6
606.782	Drill Press Operator	95	89	6	7	11	2	11
609.380A	Engine Lathe Set-up Operator	32	31	1	2	1	3	3
609.381	Inspector, Floor	73	73	0	0	0	1	5
609.684	Inspector, General	30	66	14	1	01	6	1



TOTAL    MALE    FEMALE    VACANCIES    TRAINEES    Sh.    Ad.    Surp.

VIII. PRINTING AND PUBLISHING

132.263	Reporter	16	9	7	1	0	4	2	
141.031	Illustrator	11	10	1	0	0	1	1	
141.031B	Lay Out Man	3	1	2	0	0	1		
143.062	Photographer	6	6	0	0	0	1	4	
143.062B	Photographer, Commercial	7	6	1	0	0	1		
207.782A	Multilith Operator	10	5	5	4	1	4	5	
208.583B	Typesetter Perforator Operator	5	2	3	1	0	1	1	
209.633	Proof Reader	5	0	5	0	0	1		
627.231	Linotype Machinist	13	13	0	0	3	3	5	
643.335	Bindery Worker	29	0	29	1	0	1	4	
650.582	Linotype Operator	33	31	2	1	1	5	4	
651.782A	Offset Pressman	70	68	2	16	7	14	4	
651.782B	Platen Pressman	7	7	0	1	0	3	2	
651.782C	Cylinder-Press Man	4	4	0	2	0	1		
652.732	Box Printer	4	4	0	2	0	1		
653.732	Folding Machine Operator	29	22	7	3	2	4	5	
659.130	Foreman, Printing Shop	22	20	2	1	1	5	10	
659.732	Embosser	1	0	1	0	0		1	
970.231	Photograph Retoucher	3	0	3	2	0	1		
971.331	Photoengraver	5	5	0	0	0	2	1	
971.331B	Stripper	9	6	3	1	3	1	2	
971.732	Stencil Operator, Photographic	2	2	0	0	0			
972.331	Transferrer	1	1	0	0	0		1	
972.332	Photographer-Lithographic	16	14	2	1	1	5	5	1
973.331A	Compositor-Typeographer	43	37	6	2	3	6	5	
973.331B	Job Printer	6	5	1	0	1	2	1	
973.331C	Make Up Man	3	3	0	0	1		2	
975.732	Sterotyper	1	1	0	0	0			
976.331	Reproduction Technician	5	4	1	1	1	1		
976.331B	Developer	3	3	0	0	0	1		
977.334	Bookbinder	9	7	2	1	0	3	1	
979.331	Paste Up Man	1	1	0	0	1		1	
979.332	Photostat Operator	1	1	0	0	0			

TOTAL MALE FEMALE VACANCIES TRAINEES Sh. Ad. Curr.

IX. SALES

	TOTAL	MALE	FEMALE	VACANCIES	TRAINEES	Sh.	Ad.	Curr.
142.051 Interior Designer & Decorator	5	1	4	0	0	1	1	
209.46C Sales Attendant	13	2	16	0	2		6	
209.500B Marker	1	0	1	0	0		1	
209.500C Price Clerk	6	3	3	0	1		3	
250.250 Salesman, Insurance	8	8	0	0	0		2	
250.350 Salesman Real Estate	22	22	0	6	0	4	2	
250.350D Memorial Counselor	3	3	0	4	2	1		
254.250 Sales Representative	394	389	5	50	3	12	23	
255.250 Traffic Agent	2	2	0	0	0	1	1	
258.358 Salesman, Signs	2	2	0	1	0	1		
258.358B Salesman, Advertising	14	10	4	3	1	6	1	
259.350 Salesman, Soft-Water Service	1	1	0	0	0	1		
260.450 Salesperson, Flowers	17	2	15	3	3	1	4	
261.250 Salesman, Livestock	1	1	0	0	0		1	
262.353 Salesman Grain & Feed Products	35	35	0	1	0	4	4	
262.350B Salesman, Food Products	13	13	0	2	0	2	1	
263.350A Salesman, Footwear	34	28	5	2	2	3	3	
263.350B Salesman, Mens and Boys Clothing	31	36	5	2	6	5	4	
263.350C Salesman, Womens & Girls Apparel	12	0	12	0	3		1	
263.350D Salesperson, Shoe	20	12	8	0	1	1	2	
263.450A Salesperson, Mens & Boys Clothing	27	15	12	0	4	1	5	
263.450B Salesperson, Womens & Girls Apparel	110	20	90	0	3		5	
263.450C Salesperson, Millinery	4	0	4	0	0		1	
265.350A Salesman, Paper and Paper Products	4	3	1	2	0	1		
267.350 Salesman, Petroleum Products	2	2	0	0	0		2	
271.350 Salesman, Abrasives	3	3	0	0	0	1		
274.350A Salesperson, Dry Goods	19	1	18	9	3		3	
274.350B Salesperson, Furniture	38	26	12	0	0	3	5	
274.350C Floor-Coverings Estimator	1	1	0	0	0	1		
274.350D Salesman, Floor Coverings	1	1	0	0	0		1	
276.350A Salesman, Hardware Supplies	23	23	0	1	0	4	3	
276.350B Salesperson, General Hardware	50	30	20	1	1	7	8	
276.350C Salesman, Construction Machinery	3	3	0	0	2		1	
276.350D Salesman, Bldg. & Cons. Equip & Supp.	26	26	0	2	1	5	6	
277.350 Salesman, Tractor and Farm Impl	23	23	0	0	2	7	7	
277.350B Salesman, Farm Equipment	4	4	0	0	0		1	
278.250 Home Service Representative	1	1	0	0	0		1	
278.350A Salesman, Gas or Electric Appliance	10	10	0	0	0	2	5	

	TOTAL	MALE	FEMALE	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
270.350D	Salesman, Radio and Television Part	8	8	0	1	0	1	1
278.350C	Salesperson, Television & Appliance	46	32	14	0	1	3	
200.350	Salesman, Automobile	65	65	0	7	2	2	6
200.358B	Salesman, Automobile Parts	14	14	0	0	1	1	3
201.350	Salesman, Office Machines	6	6	0	1	1	1	
202.250	Salesman, Medical Equip & Supplies	7	7	0	0	0	1	1
204.250	Salesman, Precision Instruments	3	3	0	0	0		1
205.350	Salesperson Photographic Supplies	4	3	1	0	0		1
206.350	Salesman, Sporting Goods	5	4	1	1	0	1	2
207.350	Salesman, Piano and Organ	2	2	0	0	0		1
209.350A	Salesman, General	253	239	14	27	11	20	21
209.350B	Salesperson, Parts	58	52	6	3	5	11	11
209.450	Salesperson, General	111	39	72	3	3	4	19
290.470	Sales Clerk	223	54	169	5	13	3	31
290.077	Salesperson, Food	10	2	8	0	0	1	4
292.350	Salesman-Driver	58	58	0	1	2	4	14
299.460	Cashier-Checker	90	3	87	0	3	2	10
299.470	Delivery Boy	28	28	0	0	1	1	6
299.804B	Optician, Dispensing	3	3	0	0	0	1	
920.807	Packager, Hand	3	2	1	0	0		2

TOTALS    MALE    FEMALE    VACANCIES    TRAINEES    Sh.    Ad.    Surp.

X. SERVICE

029.281	Soils Tester	6	6	0	0	0		1	
097.228	Instructor, Cosmetology	9	2	7	0	1		1	
142.081	Floral Designer	11	1	10	2	3	2	1	
152.023	Teacher, Music	37	10	27	2	3	2		
152.048	Musician	25	24	1	2	2	2	4	
152.048B	Organist	1	0	1	0	0		1	
187.138	House Mother	1	0	1	0	0			
222.473	Retail Receiving Clerk	6	6	0	0	0	1	3	
242.363	Hotel Clerk	28	16	12	2	2	1	5	
249.363E	Library Assistant	73	7	71	0	0			
307.373	Baby Sitter	1	0	1	0	0		1	
321.133	Housekeeper	2	1	1	0	0	1	1	
324.373	Bell Hop	3	3	0	0	0		2	
330.371	Barber	36	36	0	2	4	2	6	
332.271	Cosmetologist	67	9	58	7	1	3	3	
332.331	Wig Dresser	1	0	1	1	0	1		
340.363	Deskman, Bowling Floor	20	17	3	0	1	1	6	
340.373	Pin Boy	3	3	0	0	0	1		
344.363	Ticket Taker	1	1	0	0	0		1	
353.373	Checkroom Attendant	1	1	0	0	0		1	
361.637	Classifier	1	0	1	0	0			1
361.334	Laundress, Hand	1	0	1	0	0		1	
361.335	Washer, Machine	9	3	1	0	0	3	2	
361.337	Laundry Laborer	19	1	18	1	0	2	6	
361.337B	Shaker, Wearing Apparel	1	0	1	0	0		1	
362.331	Spotter	3	2	1	1	0	1	2	
362.732	Dry Cleaner	17	10	7	2	3	4	4	
363.731	Silk Finisher	6	0	6	2	1	4	1	
363.732A	Presser Machine	42	3	39	2	0	2	5	
363.732B	Wool Presser	12	3	4	0	1	3	2	
363.335	Shirt Presser	7	0	7	0	0	2		1
363.336	Flatwork Finisher	11	0	11	0	0			
365.331	Shoe Repairman	1	1	0	0	0			
369.637	Checker	11	0	11	0	0	2	2	
369.637B	Inspector	7	0	7	0	0	1	3	
369.637C	Assembler	2	2	0	0	0			
369.337	Folder	3	0	3	0	0	1	1	
372.363	Guard	5	5	0	0	0		2	

	TOTALS	MALE	FEMALE	VACANCIES	TRAINEES	Sh.	Ad.	Supp.
373.334	20	20	0	0	0	2		
375.263	26	26	0	2	0	2		
381.337	458	222	136	11	11	17	63	
383.363	6	0	6	0	0		1	
389.334	3	3	0	0	1	1		
404.334	1	1	0	0	0			
406.163	10	10	0	3	0	2		1
406.163B	2	2	0	0	0			
406.161	5	4	1	0	0	1		
406.337	10	7	3	0	0			1
407.131	2	2	0	2	0	1		
407.334	10	10	0	0	0	1		3
407.337	2	2	0	2	0	1		
519.333	6	6	0	0	0			1
531.335	1	1	0	0	0			1
629.231	2	2	0	1	0	1		1
633.231	2	2	0	0	1			1
637.231	33	33	0	5	6	3		6
637.231C	3	3	0	0	2	2		2
637.231D	4	4	0	0	2	1		
637.337	3	3	0	2	3	1		
700.231	5	4	1	0	0	2		1
710.231A	14	14	0	0	0			
715.231	8	8	0	1	0	4		2
720.231	31	31	0	7	0	10		2
721.231	21	19	2	2	1	2		1
723.334	10	10	0	3	1	6		1
730.231	1	1	0	0	0	1		
730.231B	1	1	0	0	0	1		
730.331	2	2	0	0	0			1
732.334	1	1	0	0	0	1		
823.334	1	1	0	0	0	1		
827.231	7	7	0	1	0	2		2
827.331	4	4	0	0	0			2
328.231	19	19	0	5	1	3		3
369.231	22	22	0	1	0	3		7
399.331	52	52	0	3	0			
922.332A	1	1	0	0	0			1
960.332	4	4	0	0	0			
962.335	3	0	3	0	0			

XI. TEXTILES

	TOTALS	MALE	FEMALE	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
299.334A Drapery Hanger	4	2	2	0	0	1	1	
523.335 Steam Press Operator	4	0	4	0	0	1		
730.331 Furniture Upholsterer	8	3	0	0	1	1	3	
730.334B Upholstery Cutter	1	0	1	0	0	1		
730.337 Upholstery Cleaner	3	3	0	0	0			1
732.732 Knitting-Machine Operator, Hand	4	0	4	0	0			1
735.261 Master Tailor	3	3	0	0	0	1	1	
735.231 Alteration Tailor	10	2	8	1	1	4	2	
735.331 Seamstress, Linnen Room	2	0	2	0	0	1		
735.331B Seamstress	18	0	3	3	0	4	2	
737.732A Sewing Machine Operator, All Round	3	1	2	1	0	1		
737.732B Sewing Machine Operator, Reg Equip	9	1	8	2	0	2	1	

TOTALS    MALE    FEMALE    VACANCIES    TRAINEES    Sh.    Ad.    Surp.

XII. TRANSPORTATION, COMMUNICATION AND PUBLIC UTILITIES

003.187	Radio-Television Engineer	5	5	0	0	0		2
159.14C	Radio-Television Announcer	8	8	0	0	0		2
203.538B	Telegraph Operator	1	0	1	0	0	1	
729.231	Electric Meter Repairman	3	3	0	0	1	1	
821.381	Lineman	3	3	0	0	0		1
821.037	Groundman	2	2	0	0	0		1
822.231B	Combination Man	27	27	0	1	2	3	5
822.381	Telephone Installer	7	7	0	1	2	1	3
829.231	Electrical Mechanic	13	13	0	2	0	4	3
903.833	Tank Truck Driver	17	17	0	1	0	5	4
904.833	Tractor-Trailer Truck Driver	86	86	0	5	2	2	7
905.833	Truck Driver, Heavy	354	354	0	32	5	30	73
905.037	Truck Driver Helper	1	1	0	0	0		1
906.833	Truck Driver, Light	123	120	3	7	1	12	27
912.837	Lineman	1	1	0	0	0		1
913.463A	Bus Driver	12	10	2	2	1	1	1
913.463B	Taxi Driver	26	26	0	0	0		1
914.138	Foreman, Pipe Line Maintenance	2	2	0	0	0		1
914.331	Gager	1	1	0	0	0		1
914.782	Station Engineer, Main Line	4	4	0	0	0		1
919.163	Dispatcher, Motor Vehicle	7	7	0	0	0		2
919.478	Car Rental Clerk	6	0	6	1	1	1	
919.833	Deliveryman, Car Rental	5	5	0	1	0	1	1
919.833B	Tow Truck Operator	5	4	1	0	0	1	2
922.387A	Warehouseman	14	14	0	0	0	1	5
952.782	Turbine Operator	6	6	0	0	0		

AREA TEN COMMUNITY COLLEGE  
 Dr. S. A. Ballantyne, Superintendent  
 4401 Sixth Street Road S.W.  
 Cedar Rapids, Iowa

SKILL NEEDS SURVEY

January 1968

<u>MAJOR INDUSTRIAL AREAS</u>	<u>STANDARD INDUSTRIAL CODES</u>	<u>CURRENT EMPLOYMENT</u>	<u>EMPLOYMENT SEPTEMBER 1968</u>	<u>PROJECTED FOR SEPTEMBER 1970</u>
I. <u>Agriculture and Mining</u>	07XX, 14XX	343	367	374
II. <u>Contract Construction</u>	15XX -17XX	1,689	2,128	2,430
A. General Building Contractors	15XX	852	983	1,129
B. Construction Other Than Building	16XX	152	347	362
C. Special Trade Contractors	17XX	685	798	939
1. Plumbing, Heating, and Air Conditioning	171X	268	294	337
2. Painting, Paperhanging and Decorating	172X	24	33	42
3. Electrical Work	173X	186	210	227
4. Other	174X -179X	207	261	333
III. <u>Manufacturing</u>	20XX -39XX	26,983	28,248	29,846
A. Food Products	20XX	5,082	5,522	6,051
B. Printing and Publishing	27XX	480	518	566
C. Concrete Materials	32XX	80	91	99
D. Fabricated Metal Products	34XX	625	790	985
E. Machinery, Including Electrical	35XX, 36XX	18,644	19,119	19,804
F. Other	*	2,072	2,208	2,341
IV. <u>Transportation, Communication and Public Utilities</u>	41XX -49XX	471	515	563
A. Trucking, Local and Long Distance	421X	213	248	283
B. Other Transportation	*	82	80	83
C. Communication and Public Utilities	48XX, 49XX	176	187	197
V. <u>Wholesale Trade</u>	50XX	1,395	1,510	1,697
A. Groceries and Related Products	504X	65	80	109
B. Farm Products - Raw Materials	505X	90	89	95
C. Machinery, Equipment, and Supplies	508X	169	195	228
D. Other	*	1,071	1,146	1,265



EMPLOYEES      VACANCIES      TRAINEES      Sh.   Ad.   Surp.

III. MANUFACTURING

A. FOOD PRODUCTS

003.181	Electronic Technician	2	1	0	1	1
007.201	Draftsman, Mechanical	1	1	0		
012.163	Systems Analyst	1	0	0		
012.230	Industrial Engineering Technician	18	1	3	1	1
020.100	Programmer	5	1	0	1	1
033.281	Instrumentation Technician	0	1	0	1	
079.370A	Nurse, Associate Degree	2	0	0		1
180.113	Field Man	1	0	0		1
210.360B	Secretary	31	1	0	1	9
202.308	Stenographer	39	0	1	1	5
203.588A	Typist and Clerk Typist	35	0	0	1	4
207.782B	Duplicating Machine Operator	2	0	0		1
209.500	General Clerk	79	1	0	1	7
210.300	Bookkeeper	69	2	11	2	11
213.138	Supervisor, Machine Room	4	0	0		2
213.382	Digital Computer Operator	6	1	0		1
213.582	Keypunch Operator	30	0	0		2
213.702	Tabulating Machine Operator	5	0	0		2
214.488A	Accounting Clerks	33	0	0		3
216.300	Statistical Clerks and Compilers	37	0	0		3
216.400	Calculating Machine Operator	8	0	0	1	1
219.300	General Office Clerk	36	0	3		2
222.307	Shipping and Receiving Clerk	25	0	3	1	4
222.607	Milk Receiver	2	0	0		1
223.307	Stock Clerk	2	0	0		2
235.062	Telephone Operator-PBX Operator	6	0	0		3
237.360B	Receptionist	6	0	0	1	5
254.250	Sales Representative	6	3	1	1	
262.350	Salesman Grain & Feed Products	25	1	0		2
262.350B	Salesman, Food Products	5	0	0		1
269.350A	Salesman, General	109	0	2	2	1
290.470	Sales Clerk	1	0	1		1
290.877	Salesperson Food	2	0	0		1
292.350	Salesman-Driver	12	0	0		5

		EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
340.731	Painter	3	0	0	1		
345.731	Automobile Spray Painter	1	0	0	1		
360.331	Carpenter	4	0	0	1		
361.381	Brick Layer-Mason	2	0	0	1		
362.381B	Pipe Fitter	13	0	0	1		
363.884A	Insulation Worker	1	0	0	1		
899.331	Maintenance Man, Building	4	0	0	1		
903.833	Tank Truck Driver	2	0	0			1
905.883	Truck Driver, Heavy	21	3	1	2		3
906.333	Truck Driver, Light	10	1	0	1		2
915.887B	Lubrication Man	5	0	0	1		
920.835	Packager- Machine	31	1	0			5
922.837	Warehouseman	5	0	0			1
929.837	Material Handler	33	2	0	1		1

B. PRINTING AND PUBLISHING

132.263	Reporter	16	1	0	4		2
141.081	Illustrator	1	0	0	1		
141.081B	Lay Out Man	3	0	0	1		
143.062	Photographer	5	0	0	1		3
201.368B	Secretary	10	0	0	3		3
202.388	Stenographer	2	2	0	1		
203.588A	Typist and Clerk Typist	8	1	0	2		2
207.588A	Multilith Operator	3	4	1	4		3
207.782B	Duplicating Machine Operator	1	0	0			1
203.588B	Typewriter Perforator Operator	5	1	0	1		1
209.533	General Clerk	6	0	1	2		2
209.633	Proof Reader	2	0	0	1		
210.333	Bookkeeper	11	0	0	3		6

		EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
381.887	Janitor	15	0	0	1	1	
403.883	Farm Hand, Sugarcane	20	5	0	1		
409.883	Farm Equipment Operator	6	2	0	1		
521.885	Feed Grinder	6	2	0	2		
522.885	Sugar Processing Equipment Tender	11	1	0	1		
529.381	Cheesemaker	14	2	0	1	1	
529.684	Expansion Man	6	0	0	1		
529.782	Dairy Processing Equipment Operator	32	2	4	2		0
529.732B	Buttermaker	2	0	0			2
529.885	Ice Cutter	5	1	0			1
529.887	Laborer, Meat	1675	36	0			1
600.280F	Machinist	24	4	6	2		
603.280	Grinding Machine Operator	1	0	0	1		
605.385	Milling Machine Set Up Operator	1	0	0	1		
620.281L	Automobile Mechanic	5	0	0			1
620.281G	Tractor Mechanic	3	0	0	1		
633.281A	Scale Mechanic	2	0	0	1		
637.281	Refrigeration Mechanic	1	0	0	1		
638.281	Maintenance Mechanic	33	2	0	1		1
699.337	Oiler	7	0	0	1		
710.281A	Instrument Repairman	2	0	0	1		
741.884	Painter, Spray	10	0	0			
801.781	Structural Steel Worker	13	0	0	1		
804.281	Sheet Metal Worker	19	6	0	1		1
810.184	Welder, Arc	4	0	0	1		
812.387	Welder, Combination	9	0	0	1		

		EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
214.488B	Billing Machine Operator	4	0	0		2	
215.388	Bookkeeping Machine Operator	5	0	0	1	2	
219.388	General Office Clerk	1	0	0		1	
222.387	Shipping and Receiving Clerk	1	0	0	1		
222.587	Shipping Clerk	1	0	0		1	
223.387	Stock Clerk	1	0	0	1		
235.862	Telephone Operator-PBX Operator	1	0	0		1	
237.368B	Receptionist	1	0	0		1	
254.258	Sales Representative	4	0	0		2	
258.358B	Salesman, Advertising	14	3	1	6	1	
289.358A	Salesman, Genreal	10	10	4	1		
331.887	Janitor	1	0	0	1		
627.281	Linotype Machinist	4	0	1	2	2	
643.885	Bindery Worker	25	1	0	1	4	
650.582	Linotype Operator	25	1	1	5	4	
651.782A	Offset Pressman	57	16	7	13	4	
651.782B	Platen Pressman	7	1	0	3	2	
651.782C	Cylinder-Press Man	4	2	0	1		
653.782	Folding Machine Operator	26	3	2	4	5	
659.130	Foreman, Printing Shop	22	1	1	5	10	
659.782	Embossor	1	0	0		1	
690.885	Cutting Machine Tender	1	0	0		1	
906.883	Truck Driver, Light	1	0	0	1		
971.381	Photoengraver	5	0	0	2	1	
971.381B	Stripper	9	1	3	1	2	
972.381	Transferrer	1	0	0		1	
972.382	Photograpner-Lithographic	16	1	1	5	5	1
973.381A	Compositor-Typeographer	42	2	3	6	6	
973.381B	Job Printer	6	0	1	2	1	
973.381C	Make Up Man	3	0	1		2	
977.884	Bookbindér	9	1	0	3	1	
979.381	Paste Up Man	1	0	1		1	

EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
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C. CONCRETE MATERIALS

210.388	Bookkeeper	5	0	0		2
219.388	General Office Clerk	3	0	0	1	1
276.358D	Salesman, Bldg & Cons Equip & Su.	2	0	0	1	
570.825	Concrete Mixer Operator	3	0	0	1	
617.782	Bending Machine Operator	4	0	0		1
810.702B	Welder, Spot	5	0	2	1	
900.883	Concrete Mixing Truck Driver	10	0	0		1
905.883	Truck Driver, Heavy	3	0	0	2	
929.887	Material Handler	12	0	0	2	

D. FABRICATED METAL PRODUCTS

001.281	Draftsman, Architectural	7	0	0		1
007.231	Draftsman, Mechanical	3	0	0		1
201.368B	Secretary	11	0	0	1	4
202.388	Stenographer	2	0	0		1
203.588A	Typist and Clerk Typist	6	0	0		1
209.588	General Clerk	6	0	0		2
210.388	Bookkeeper	4	0	0		4
213.133	Supervisor, Machine Room	1	0	0		1
213.138	Keypunch Operator	2	0	0		1
213.782	Tabulating Machine Operator	1	0	0		1
214.488A	Accounting Clerks	5	0	0		2
214.488B	Billing Machine Operator	1	0	0		1
215.388	Bookkeeping Machine Operator	2	0	0		2
216.488	Statistical Clerks and Compilers	2	0	0		1
219.388	General Office Clerk	3	1	0	1	1
222.387	Shipping and Receiving Clerk	7	0	0		3
223.387	Stock Clerk	1	0	0		1
235.862	Telephone Operator-PBX Operator	2	0	0		1
237.368B	Receptionist	1	0	0		1
254.258	Sales Representative	1	0	0	1	
289.350A	Salesman, General	8	0	0		1

		EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
741.884	Painter, Spray	16	0	0	2	3	
763.381	Furniture Finisher	14	0	1	1	2	
785.381B	Seamstress	2	2	0	1		
787.782A	Sewing Machine Operator, All Aro.	3	1	0	1		
787.782B	Sewing Machine Operator, Reg. Equ.	3	1	0	1		
804.281	Sheet Metal Worker	138	0	0	2		
810.184	Welder, Arc	8	0	0	2		
810.782	Welding Machine Operator, Arc	13	0	0		3	
810.884	Welder, Heliarc-Gas Shielded Arc	19	0	0	2	1	
812.887	Welder, Combination	4	0	0	2		
822.281B	Combination Man	2	0	0		1	
829.281	Electrical Mechanic	2	0	0		1	
860.381	Carpenter	4	0	0			
869.381B	Sign Erector	5	0	0		1	
869.884	Awning Hanger	2	2	0	1		
899.381	Maintenance Man, Building	2	0	0		1	
905.883	Truck Driver, Heavy	4	0	0		3	
906.883	Truck Driver, Light	9	0	0		3	
929.887	Material Handler	4	0	0		1	
950.782	Stationary Engineer	1	0	0			

#### IV. TRANSPORTATION, COMMUNICATION AND PUBLIC UTILITIES

##### A. TRUCKING, LOCAL AND LONG DISTANCE

201.368B	Secretary	6	0	0	1	3	
203.588A	Typist and Clerk Typist	6	1	0	1	1	
209.588	General Clerk	13	0	0		1	1
210.388	Bookkeeper	2	0	0		2	
211.368	Cashier-Bank	1	0	0		1	
215.388	Bookkeeping Machine Operator	1	0	0		1	
219.388B	Rate Clerk, Freight	3	0	0		2	
219.388E	Billing Clerk	2	0	0	1	1	
222.488	Manifest Clerk	2	0	0	1	1	
235.862	Telephone Operator-PBX Operator	1	0	0		1	
254.258	Sales Representative	2	0	0		2	
255.258	Traffic Agent	2	0	0	1	1	
289.358A	Salesman, General	1	1	0			



		EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
521.885	Feed Grinder	2	0	0	1		
620.281H	Transmission Mechanic-Diesel	2	0	0		1	
625.281B	Diesel Mechanic	6	1	2	1	3	
807.281	Truck-Body Builder	3	0	0	1	1	
904.883	Tractor-Trailer Truck Driver	71	5	2	2	6	
905.883	Truck Driver, Heavy	72	1	0	1	8	
906.883	Truck Driver, Light	11	0	0	1	2	

E. OTHER TRANSPORTATION

201.368B	Secretary	2	0	0		2	
209.588	General Clerk	1	0	0		1	
210.388	Bookkeeper	3	0	0		3	
249.368	Reservation Clerk	5	1	0	1	1	
289.358A	Salesman, General	3	0	0		1	
290.377	Salesperson, Food	1	0	0		1	
316.884	Meat Cutter- Butcher	3	0	0	1	1	
620.281A	Automobile Mechanic	2	0	0		1	
913.463A	Bus Driver	12	2	1	1	1	
913.463B	Taxi Driver	26	0	0		1	
914.138	Foreman, Pipe Line Maintenance	2	0	0		1	
914.381	Gager	1	0	0		1	
914.732	Station Engineer, Main Line	4	0	0		1	
919.168	Dispatcher, Motor Vehicle	5	0	0		1	
919.887	Cleaner-Automobile	1	0	0	1		
920.885	Packager-Machine	1	0	0	1		

C. COMMUNICATIONS AND PUBLIC UTILITIES

003.187	Radio-Television Engineer	5	0	0		2	
159.148	Radio-Television Announcer	3	0	0		2	
201.368B	Secretary	10	0	0		7	
202.388	Stenographer	1	0	0		1	
207.782E	Duplicating Machine Operator	1	0	0		1	

		EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
209.580	General Clerk	6	0	1			5
210.300	Bookkeeper	9	0	0			8
211.360	Cashier-Bank	1	0	0			1
214.400A	Accounting Clerks	4	1	0			2
214.400B	Billing Machine Operator	5	0	1			2
219.380	General Office Clerk	4	0	0	1		2
219.380E	Billing Clerk	1	0	0			1
219.400	Cost Clerk	1	0	0			1
223.307	Stock Clerk	1	0	0	1		
237.360B	Receptionist	3	0	1			3
254.250	Sales Representative	3	0	0			1
270.250	Home Service Representative	1	0	0			1
209.350A	Salesman, General	3	0	0			1
729.281	Electric Meter Repairman	2	0	1	1		
821.301	Lineman	3	0	0			1
821.807	Groundman	2	0	0			1
022.281B	Combination Man	25	1	2	4		4
022.301	Telephone Installer	7	1	2	1		3
029.281	Electrical Mechanic	1	1	0	1		
059.702	Earth Boring Machine Operator	1	0	0			1
905.000	Truck Driver, Heavy	3	0	0			1
912.007	Lineman	1	0	0			1

V. WHOLESALE TRADE

A. GROCERIES AND RELATED PRODUCTS

201.360B	Secretary	1	0	0			1
209.500	General Clerk	1	1	0	1		
210.300	Bookkeeper	2	1	0	1		1
214.400A	Accounting Clerks	1	0	0			1
215.300	Bookkeeping Machine Operator	1	0	0			1
223.307	Stock Clerk	2	0	0			1
262.350B	Salesman, Food Products	0	2	0	1		1
316.004	Meater Cutter-Butcher	6	0	0	1		1

	EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
905.883	Truck Driver, Heavy	14	2	0	2	
906.883	Truck Driver, Light	2	0	0		1
920.885	Packager-Machine	3	0	0		1
922.887B	Laborer, Stores	2	0	0		2

B. FARM PRODUCTS--RAW MATERIALS

180.118	Field Man	1	0	0	1	
201.368B	Secretary	2	0	0		2
209.588	General Clerk	4	0	0		3
210.388	Bookkeeper	9	0	1	3	3
219.388	General Office Clerk	2	0	0		1
261.258	Salesman, Livestock	1	0	0		1
413.884	Farm Hand, Livestock	1	0	0		1
521.885	Feed Grinder	5	1	0	1	4
525.887	Hide Handler	19	0	2		1
869.887	Construction Worker	1	1	0	1	
905.883	Truck Driver, Heavy	14	1	0	1	5
919.887B	Yardmen, Stockyard	2	0	0		1
922.887C	Yardman-Lumber Yard	5	1	0	1	1
929.887	Material Handler	2	0	0		1

C. MACHINERY, EQUIPMENT, AND SUPPLIES

162.158	Purchasing Agent	1	0	0		1
201.368B	Secretary	5	0	0		4
202.388	Stenographer	1	0	0		1
203.588A	Typist and Clerk Typist	7	0	0	1	
209.588	General Clerk	5	0	1	3	1
210.388	Bookkeeper	6	0	0	2	3
215.388	Bookkeeping Machine Operator	1	0	0		1
216.388	Statistical Clerks and Compilers	1	0	0		1
219.388	General Office Clerk	5	0	0	1	1
219.388E	Billing Clerk	2	0	0	1	

		EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
222.387	Shipping and Receiving Clerk	7	0	0	2	2	
222.387B	Receiving Clerk	1	0	0		1	
222.587	Shipping Clerk	2	0	0		1	
223.387	Stock Clerk	1	2	0	1	1	
247.368E	Receptionist	1	0	0		1	
249.368D	Order Clerk	1	0	0		1	
254.258	Sales Representative	16	2	1	1	1	
276.358A	Salesman, Hardware Supplies	6	1	0	1		
276.358C	Salesman, Construction Machinery	3	0	2		1	
277.358B	Salesman, Farm Equipment	4	0	0		1	
282.258	Salesman, Medical Equi & Supplie	7	0	0	1	1	
289.358A	Salesman, General	14	3	1	1	1	
289.358B	Salesperson, Parts	8	0	1	1	2	
289.458	Salesperson, General	1	0	0		1	
381.887	Janitor	1	0	0		1	
620.281J	Engineering Equipment Mechanic	3	0	1		1	
620.281M	Automotive Maintenance Equip Ser	6	2	2	1		
624.281	Farm Equipment Mechanic	4	1	2	1		
624.381	Farm Machinery Set-up Man	2	0	2	1		
626.281	Machine Repairman, Maintenance	0	1	0	1		
860.381	Carpenter	4	0	0			3
861.381B	Silo Erector	9	6	2	1		
906.883	Truck Driver, Light	3	0	0		2	
976.381	Reproduction Technician	5	1	1	1		

D. OTHER

1.281	Draftsman, Architectural	2	0	1		1	
5.281B	Draftsman, Structural	6	1	2		1	
142.051	Interior Designer & Decorator	1	0	0		1	
162.158	Purchasing Agent	6	0	0	1	4	
201.368E	Secretary	29	0	1	4	17	
202.388	Stenographer	10	1	0	3	4	
203.588A	Typist and Clerk Typist	11	0	0		5	
207.782A	Multilith Operator	1	0	0		1	
207.782B	Duplicating Machine Operator	1	0	0		1	

	EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
208.588A	Transcribing Machine Operator	1	0			1
209.468	Sales Attendant	1	0			1
209.588	General Clerk	23	2	2	5	10
209.588C	Price Clerk	6	0	1		3
210.388	Bookkeeper	41	2	0	7	32
211.368	Cashier-Bank	1	0	0	1	
213.138	Supervisor, Machine Room	1	0	0		1
213.382	Digital Computer Operator	4	0	1		2
213.582	Keypunch Operator	3	0	0		2
214.488A	Accounting Clerks	11	0	0	2	5
214.488B	Billing Machine Operator	7	0	0	1	5
215.388	Bookkeeping Machine Operator	2	0	0		2
215.488	Payroll Clerk	1	0	0	1	
216.388	Statistical Clerks and Compilers	9	2	1	1	2
216.488	Calculating Machine Operator	6	0	0	1	2
219.388	General Office Clerk	14	0	0	2	5
219.388C	Coding Clerk	1	0	0		1
219.388E	Billing Clerk	1	0	0		1
219.488	Cost Clerk	2	1	0		1
221.388	Production Clerk	1	0	0		1
222.387	Shipping and Receiving Clerk	32	5	1	6	11
222.387B	Receiving Clerk	3	0	0		2
222.587	Shipping Clerk	4	0	0		1
223.387	Stock Clerk	25	6	2	6	9
223.387D	Stock Control Clerk	4	0	0	1	1
235.862	Telephone Operator-PBX Operator	2	0	0	1	1
237.368B	Receptionist	4	0	0		4
249.368C	Credit Clerk	2	0	0		1
254.258	Sales Representative	47	3	0	2	11
260.458	Salesperson, Flowers	2	0	1		1
262.358	Salesman Grain & Feed Products	3	0	0	1	
263.458C	Salesperson, Millinery	4	0	0		1
265.358	Salesman, Paper and Paper Products	4	2	0	1	
267.358	Salesman, Petroleum Products	1	0	0	1	
271.358	Salesman, Abrasives	3	0	0	1	
276.358A	Salesman, Hardware Supplies	9	0	0	2	1
276.358D	Salesperson, General Hardware	5	0	0	1	2
276.358D	Salesman, Bldg & Cons Equip & Su	12	0	0		2

VI. RETAIL TRADE

A. HARDWARE SUPPLIES AND LUMBER YARDS

001.281	Draftsman, Architectural	3	0	0	1	1
160.238	Estimator	1	1	0	1	
162.158	Purchasing Agent	1	0	0		1
201.368B	Secretary	5	0	0	2	3
209.468	Sales Attendant	4	0	0		1
209.588	General Clerk	4	1	0	2	2
210.388	Bookkeeper	15	0	1	1	12
214.488B	Billing Machine Operator	1	0	0		1
215.388	Bookkeeping Machine Operator	2	0	0	1	1
219.388	General Office Clerk	3	0	0		2
222.387B	Receiving Clerk	1	0	0		1
223.387	Stock Clerk	1	0	1		1
276.358A	Salesman, Hardware Supplies	7	0	0	1	2
276.358B	Salesperson, General Hardware	24	1	1	5	3
276.358D	Salesman, Bldg & Cons Equip & Su	8	2	0	3	3
289.358A	Salesman, General	13	3	0	2	1
289.458	Salesperson, General	1	0	0		1
290.473	Sales Clerk	2	0	0		1
299.478	Delivery Boy	1	0	0		1
381.887	Janitor	1	0	0		1
521.885	Feed Grinder	1	0	0		1
624.281	Farm Equipment Mechanic	1	0	0	1	
627.281	Linotype Machinist	1	0	0		1
637.281	Refrigeration Mechanic	1	0	0		1
669.330	Millman	6	0	1		1
739.884	Picture Framer	1	0	0	1	
801.781	Structural-Steel Worker	2	0	0		1
828.281	Electronics Mechanic	1	0	0		1
860.381	Carpenter	19	4	0	3	3
862.381A	Plumber	3	0	0		1
863.884	Sider	1	1	0	1	

865.781	Glazier	4	0	0		1	
865.884	Glass Installer	2	0	0		1	
866.381	Roofer	2	0	0	1		
869.281	Furnace Installer and Rpmn, Hot	9	1	0	1	2	
905.883	Truck Driver, Heavy	40	2	0	7	7	
906.883	Truck Driver, Light	6	0	0	1	1	
922.887C	Yardman-Lumber Yard	6	0	0	3	3	

### D. FARM EQUIPMENT DEALERS

201.368B	Secretary	2	0	0	1	1	
209.588	General Clerk	1	0	0		1	
210.388	Bookkeeper	21	0	0	2	12	1
214.488A	Accounting Clerks	1	0	0	1		
216.388	Statistical Clerks and Compilers	1	0	0			
222.387	Shipping and Receiving Clerk	2	0	0	1		
223.387	Stock Clerk	22	5	1	4	10	
277.358	Salesman, Tractor and Farm Impl	22	8	1	6	7	
280.358	Salesman, Automobile	2	0	0		1	
289.358B	Salesperson, Parts	6	0	0	1	2	
299.478	Delivery Boy	2	0	0		1	
381.887	Janitor	2	0	0		1	
620.281A	Automobile Mechanic	6	0	0	1		
620.281G	Tractor Mechanic	6	2	0	2	1	
624.281	Farm Equipment Mechanic	83	26	12	14	7	1
624.381	Farm Machinery Set-Up Man	19	4	3	2	6	
625.281B	Diesel Mechanic	11	3	3	2		
723.884	Electrical Appliance Repairman	1	0	1	1		
905.883	Truck Driver, Heavy	4	1	0	2	2	
919.887	Cleaner-Automobile	2	0	0	1		
929.887	Material Handler	1	0	0	1		



C. DEPARTMENT STORES

201.368B	Secretary	7	0	0		3
202.388	Stenographer	1	0	0		1
207.782A	Multilith Operator	1	0	0		1
209.468	Sales Attendant	4	0	0		2
209.588	General Clerk	5	0	1	1	2
210.388	Bookkeeper	1	0	0		1
213.138	Supervisor, Machine Room	1	0	0		1
213.582	Keypunch Operator	1	0	0		1
213.782	Tabulating Machine Operator	3	0	0		1
214.488A	Accounting Clerks	1	0	0		1
214.488B	Billing Machine Operator	6	0	1		2
216.388	Statistical Clerks and Compilers	1	0	0		1
216.488	Calculating Machine Operator	6	0	0		1
219.388	General Office Clerk	6	0	0	1	
222.387	Shipping and Receiving Clerk	17	0	0		3
223.387	Stock Clerk	8	0	0		2
235.362	Telephone Operator-PBX Operator	3	0	0		2
254.258	Sales Representative	3	0	0		1
263.358A	Salesman, Footwear	12	0	1		2
263.358B	Salesman, Mens and Boys Clothing	4	0	1		1
263.358C	Salesman, Womens & Girls Apparel	12	0	3		1
263.458A	Salesperson, Mens & Boys Clothing	18	0	3		3
263.458B	Salesperson, Womens & Girls Apparel	64	0	2		2
274.358A	Salesperson, Dry Goods	13	0	3		2
274.358B	Salesperson, Furniture	5	0	0		
276.358B	Salesperson, General Hardware	10	0	0		1
278.358A	Salesman, Gas or Electric Appliance	2	0	0		1
278.358C	Salesperson, Television & Appliance	13	0	1		1
289.358A	Salesman, General	2	0	0	1	
289.458	Salesperson, General	37	0	2	1	6
290.478	Sales Clerk	84	1	8	1	7
299.468	Cashier-Checker	45	0	0	1	
627.281	Linotype Machinist	1	0	0		1
637.281	Refrigeration Mechanic	2	0	1		2
785.261	Master Tailor	1	0	0		
785.281	Alteration Tailor	2	0	1		1
828.281	Electronics Mechanic	1	0	1		1
864.781	Floor Layer	1	0	0	1	
922.887B	Laborer, Stores	21	0	1	1	1

EMPLOYEES	VACANCIES	TRAINEES	Sh.	Surp.
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D. FOOD STORES

209.468	Sales Attendant	9	0	2		2
210.383	Bookkeeper	1	0	0		1
211.468	Cashier	7	0	0	1	
263.458A	Salesperson, Mens & Boys Clothing	3	0	0		1
290.478	Sales Clerk	15	0	1		4
290.877	Salesperson, Food	7	0	0	1	2
299.468	Cashier-checker	45	0	3	1	10
299.478	Delivery Boy	1	0	0	1	
316.884	Meat Cutter-Butcher	22	1	1	3	7
381.887	Janitor	1	0	0		1
526,781	Baker	11	1	0	1	2
915.867	Automobile Service Station Attendant	2	0	0		1
920.885	Packager-Machine	6	0	0		3
922.887B	Laborer, Stores	50	1	5	2	9

E. MOTOR VEHICLE DEALERS

201.368B	Secretary	5	0	0	2	2
203.588A	Typist and Clerk Typist	1	0	0		1
209.588	General Clerk	6	0	1		5
210.388	Bookkeeper	28	2	1	5	13
214.488A	Accounting Clerks	1	0	0	1	
215.388	Bookkeeping Machine Operator	1	0	0	2	
219.388	General Office Clerk	7	0	0		2
222.387	Shipping and Receiving Clerk	1	0	0		1
223.387	Stock Clerk	33	3	2	8	8
243.368	Service Clerk	1	0	0		1
254.258	Sales Representative	8	0	0	3	
280.353	Salesman, Automobile	63	7	2	8	7
289.350A	Salesman, General	4	0	0	2	2
289.350B	Salesperson, Parts	5	0	0	2	1
289.458	Salesperson, General	0	0	0		
290.478	Sales Clerk	1	0	0	1	
381.887	Janitor	4	0	0		2

	EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Supp.
904.883	Tractor-Trailer Truck Driver	15	0	0		1
905.883	Truck Driver, Heavy	4	0	0		1
915.867	Automobile Service Station Attendant	109	15	9	5	10
915.884	Tire Repairman	1	0	0		1
922.887A	Warehouseman	2	0	0		2

G. APPAREL AND ACCESSORY STORES

201.368B	Secretary	1	0	0		1
203.588A	Typist and Clerk Typist	1	0	0		1
209.588	General Clerk	18	0	0	1	3
209.588B	Marker	1	0	0		1
210.388	Bookkeeper	10	0	0	2	7
211.468	Cashier	1	0	0		1
215.388	Bookkeeping Machine Operator	1	0	0		1
219.388	General Office Clerk	4	0	0		1
222.387	Shipping and Receiving Clerk	1	0	0		1
249.368C	Credit Clerk	1	0	0		1
263.358A	Salesman, Footwear	22	2	1	2	1
263.358B	Salesman, Mens and Boys Clothing	37	2	5	5	3
263.358D	Salesperson, Shoe	20	0	1	1	2
263.453A	Salesperson, Mens & Boys Clothing	6	0	1	1	1
263.453B	Salesperson, Womens & Girls Apparel	46	0	1		3
290.478	Sales Clerk	15	0	0	1	3
331.887	Janitor	2	0	0		1
785.261	Master Tailor	2	-	-	1	1
785.281	Alteration Tailor	8	1	0	4	1
922.887B	Laborer, Stores	2	0	0		1

H. FURNITURE, HOME FURNISHINGS & EQUIPMENT

020.188	Programmer	1	0	0		1
142.051	Interior Designer & Decorator	4	0	0		1
152.028	Teacher, Music	2	0	0		1

201.368B	Secretary	4	0	0		3
203.588A	Typist and Clerk Typist	4	0	0		3
209.588	General Clerk	4	0	0		4
210.388	Bookkeeper	16	0	0	3	10
213.582	Keypunch Operator	1	0	0	1	
215.388	Bookkeeping Machine Operator	4	0	0	1	2
219.388	General Office Clerk	2	0	0		1
222.387	Shipping and Receiving Clerk	8	0	2	2	3
223.387	Stock Clerk	4	0	0		3
235.862	Telephone Operator-PBX Operator	5	0	2	2	1
274.358A	Salesperson, Dry Goods	1	0	0		1
274.358B	Salesperson, Furniture	29	0	0	3	4
278.358A	Salesman, Gas or Electric Appliance	5	0	0	1	3
278.358C	Salesperson, Television & Appliance	31	0	0	3	1
287.358	Salesman, Piano and Organ	2	0	0		1
289.358A	Salesman, General	16	0	0	1	2
289.358B	Salesperson, Parts	4	0	0	2	
290.478	Sales Clerk	9	0	1	1	1
299.381	Carpet Layer	5	0	1	2	
299.884A	Draperly Hanger	4	0	0	1	1
381.887	Janitor	3	0	0		3
627.281	Linotype Machinist	1	0	0		1
637.281	Refrigeration Mechanic	5	2	2	2	2
720.281	Television and Radio Service and Repair	13	5	7	1	
721.281	Electric Motor Repairman	1	1	0	1	
723.884	Electrical Appliance Repairman	8	2	0	4	1
730.281	Wind Instrument Repairman	1	0	0	1	
730.281B	Electric Organ Inspector & Repairman	1	0	0	1	
730.381	Piano Tuner	2	0	0		1
763.381	Furniture Finisher	1	0	0		1
780.381	Furniture Uphosterer	4	0	0	1	2
780.887	Uphostery Cleaner	3	0	0		1
787.782B	Sewing Machine Operator, Reg Equ.	2	0	0		1
823.884	Antenna Installer	1	0	0	1	
824.281	Electrician	3	0	0	1	
827.281	Household Appliance Repairman	7	1	0	2	2
827.381	Household Appliance Inst. Man	4	0	0		2
905.883	Truck Driver, Heavy	14	1	0	1	3
906.883	Truck Driver, Light	15	0	0		5
919.168	Dispatcher, Motor Vehicle	1	0	0		1
922.887A	Warehouseman	1	0	0		1

		EMPLOYEES	VACANCIES	TRAINED	Sh.	Ac.	Sub.
210.388	Bookkeeper	4	0	0			3
214.438A	Accounting Clerks	1	0	1			1
222.387	Shipping and Receiving Clerk	2	0	0			2
223.387	Stock Clerk	3	0	0			1
276.358B	Salesperson, General Hardware	9	0	0			2
284.258	Salesman, Precision Instruments	3	0	0			
285.358	Salesperson, Photographic Suppli	4	0	0			1
239.458	Salesperson, General	8	0	0	1		
290.478	Sales Clerk	30	1	1	3	10	
299.473	Delivery Boy	6	0	0			2
311.873A	Waiter or Waitress	1	0	0	1		
315.381	Cook	1	0	0	1		
318.387	Ditchen Helper-Washer	2	0	0	1		
381.387	Janitor	1	0	0			1
906.803	Truck Driver, Light	1	0	0	1		

K. FARM AND GARDEN SUPPLIES

201.363B	Secretary	2	0	0			2
202.383	Stenographer	1	0	0	1		
209.588	General Clerk	2	0	0	1		1
210.303	Bookkeeper	17	0	0	1		10
215.303	Bookkeeping Machine Operator	1	0	0	1		
219.303	General Office Clerk	1	0	0			1
223.387	Stock Clerk	1	0	0	1		
254.250	Sales Representative	0	1	0			1
262.350	Salesman Grain & Feed Products	4	0	0	3		1
267.350	Salesman, Petroleum Products	1	0	0			1
276.350A	Salesman, Hardware Supplies	1	0	0			
276.350B	Salesperson, General Hardware	2	0	0	1		
277.350	Salesman, Tractor and Farm Impl	1	0	1	1		
289.350A	Salesman, General	1	0	0			1
289.458	Salesperson, General	4	2	0	1		
290.478	Sales Clerk	5	3	0	1		1
292.350	Salesman-Driver	1	0	0			1

		EMPLOYEES	VACANCIES	TRAINING	Sh.	Ad.	Surp.
406.168	Nurseryman	3	2	0	1		
407.101	Landscape Gardener	2	2	0	1		
407.287	Laborer, Landscape	0	3	0	1		
521.225	Feed Grinder	9	1	0	5		5
529.637	Egg Candler	1	0	0			1
860.381	Carpenter	5	0	0	1		
903.803	Tank Truck Driver	1	0	0	1		
905.803	Truck Driver, Heavy	31	3	1	4		3
922.887A	Warehouseman	1	0	0			1
922.887C	Yardman-Lumber Yard	2	0	0	1		
929.887	Material Handler	1	1	0	1		

L. MISCELLANEOUS

141.001	Floral Designer	11	2	3	2		1
143.062	Photographer	1	0	0			1
201.368B	Secretary	7	0	0			6
203.588A	Typist and Clerk Typist	4	0	0	1		
209.588	General Clerk	22	0	0	1		3
210.368	Insurance Clerk	1	0	0	1		
210.388	Bookkeeper	16	1	2	2		13
214.488A	Accounting Clerks	2	0	0	1		
214.488B	Billing Machine Operator	1	0	0	1		
215.388	Bookkeeping Machine Operator	1	0	0	1		
222.337	Shipping and Receiving Clerk	3	0	0	1		1
223.337	Stock Clerk	2	0	0	1		
235.262	Telephone Operator-PBX Operator	1	0	0	1		
237.368B	Receptionist	3	0	0	1		1
254.258	Sales Representative	1	0	0	1		
260.458	Salesperson, Flowers	12	3	2	1		2
262.358	Salesman Grain & Feed Products	2	0	0			1
263.358A	Salesman, Footwear	0	0	0	1		
278.358A	Salesman, Gas or Electric Appli	3	0	0	1		1
283.358	Salesperson, Jewelry	16	1	0	2		2

EMPLOYEES      VACANCIES      TRAINEES      Sh.      Surp.

286.358	Salesman, Sporting Goods	2	0	0		1
289.358A	Salesman, General	8	0	1	1	1
289.358B	Salesperson, Parts	4	0	0	1	1
289.458	Salesperson, General	15	0	1		3
290.478	Sales Clerk	11	0	0		3
299.384B	Optician, Dispensing	3	0	0	1	
406.168E	Greenhouse Florist	2	0	0		1
521.385	Feed Grinder	1	0	0		1
620.281A	Automobile Mechanic	2	0	0		2
620.281K	Motorcycle Repairman	4	0	2		1
620.334	Truck Mechanic Helper	6	1	0	1	
620.334D	Wrecker	3	0	0	1	
637.281C	Gas Serviceman	2	0	0	1	
637.281D	Gas Appliance Serviceman	4	0	2	1	
700.281	Jeweler	5	0	0	2	1
715.281	Watch Repairman	8	1	0	4	2
782.732	Knitting-Machine Operator, Hand	4	0	0		1
807.281	Automobile Body Repair	2	0	0	2	
829.281	Electrical Mechanic	0	0	0	1	
905.333	Truck Driver, Heavy	21	3	0	3	4
906.333	Truck Driver, Light	9	1	1	3	2
919.333	Deliveryman, Car Rental	2	1	0	1	
919.333B	Tow Truck Operator	2	0	0		1

VII. FINANCE, INSURANCE, AND REAL ESTATE

A. BANKING

020.188	Programmer	10	1	1	1	
186.288	Loan Officer	12	0	2	2	3
201.368B	Secretary	56	1	0	5	19
202.388	Stenographer	16	1	0	3	4
203.588A	Typist and Clerk Typist	25	3	0	2	4
209.588	General Clerk	61	1	1	1	14
210.388	Bookkeeper	63	3	1	7	23
210.388B	Audit Clerk	4	1	0	1	



EMPLOYEES      VACANCIES      TRAINEES      Sh.      %      Surp.

211.368	Cashier-Bank	39	1	2	1	15
212.368	Teller	191	4	8	8	23
213.382	Digital Computer Operator	16	1	2	1	
213.582	Keypunch Operator	16	0	1	1	
214.488A	Accounting Clerks	27	0	0	1	6
214.488B	Billing Machine Operator	2	0	0	1	1
215.388	Bookkeeping Machine Operator	58	1	3	5	17
217.388	Proof-Machine Operator	3	0	0	3	
219.388	General Office Clerk	25	0	3	1	1
223.387	Stock Clerk	1	0	0	1	
235.862	Telephone Operator-PBX Operator	2	0	0	1	1
237.368B	Receptionist	10	0	0	2	2
249.388B	Messenger, Bank	8	1	0	1	
381.887	Janitor	10	0	0		9

B. CREDIT AGENCIES

186.288	Loan Officer	7	0	1	1	3
189.168	Manager Trainee	1	1	0	1	
201.368B	Secretary	6	0	2		5
202.388	Stenographer	1	0	0		1
203.588A	Typist and Clerk Typist	3	0	0	1	1
209.588	General Clerk	4	0	0		2
210.388	Bookkeeper	7	0	1	2	4
211.368	Cashier-Bank	2	0	1		1
212.368	Teller	10	0	0	1	2
214.488A	Accounting Clerks	11	0	1	1	2
215.388	Bookkeeping Machine Operator	4	0	0		1
216.388	Statistical Clerks and Compilers	8	0	0		1
223.387	Stock Clerk	1	0	0		1
237.368B	Receptionist	2	0	0		2

C. INSURANCE

012.168	Systems Analyst	3	0	0		3
020.188	Programmer	15	0	0		3
162.158	Purchasing Agent	1	0	0		1
169.188	Underwriter	16	0	2		1
189.168	Manager Trainee	4	0	4		1

EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
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2. Barber and Beauty

97.223	Instructor, Cosmetology	9	0	1		2
201.368B	Secretary	2	0	0	1	1
210.388	Bookkeeper	1	0	0		1
237.368B	Receptionist	4	0	0		2
239.458	Salesperson, General	1	1	0	1	
330.371	Barber	23	1	4	1	5
332.271	Cosmetologist	67	7	1	3	8
332.381	Wig Dresser	1	1	0	1	
381.887	Janitor	4	0	0		2

3. Other

152.048B	Organist	1	0	0		1
201.368B	Secretary	1	0	0		1
338.381	Embalmer	4	1	1	1	
339.381	Lady Attendant	2	0	0		1
381.887	Janitor	3	0	0		1
919.887	Cleaner-Automobile	1	0	0		1
970.281	Photograph Retoucher	3	2	0	1	
976.381B	Developer	2	0	0	1	

C. BUSINESS SERVICES

12.168	Systems Analyst	2	0	0		1
20.188	Programmer	11	0	0		1
29.281	Soils Tester	6	0	0		1
132.088	Copy Writer	2	0	0		1
141.081	Illustrator	4	0	0		1

359.883A	Heavy Equipment Operator O E	2	0	0	1	
905.883	Truck Driver, Heavy	2	0	0	1	
2. Other						
201.368B	Secretary	5	1	0	2	1
210.388	Bookkeeper	3	0	0	3	
211.468	Cashier	3	0	0		2
237.368B	Receptionist	1	0	0		1
620.281A	Automobile Mechanic	3	0	0	1	
625.281B	Diesel Mechanic	7	2	0	2	
807.381	Automobile Body Repair	5	0	0	1	
859.883A	Heavy Equipment Operator O E	2	0	0		1
905.883	Truck Driver, Heavy	2	0	0	1	
906.883	Truck Driver, Light	2	0	0		1
915.867	Automobile Service Station Atten	1	1	0		1
919.478	Car Rental Clerk	6	1	1	1	
919.883	Deliveryman, Car Rental	3	0	0		1
919.883B	Tow Truck Operator	2	0	0	1	
919.887	Cleaner-Automobile	6	2	0	1	

E. AMUSEMENT AND RECREATION

152.048	Musician	25	2	2	2	4
201.368B	Secretary	1	0	0		1
209.588	General Clerk	2	0	0		1
210.388	Bookkeeper	2	0	0		2
211.468	Cashier	1	0	0		1
286.358	Salesman, Sporting Goods	4	0	0	1	1
307.878	Baby Sitter	1	0	0		1
311.878A	Waiter or Waitress	24	1	0	1	3
311.878B	Bus Boy	2	0	0		1

G. EDUCATIONAL SERVICES

020.133	Programmer	9
077.387	Pharmacy Helper	4
077.168	Dietitian	14
078.363B	X-Ray Tech--Radiological Tech	19
078.368C	Egg-Electroencephalograph-Tech	3
078.368D	Ekg-Electrocardiograph-Technici	1
078.381	Medical Laboratory Asst.	186
079.128	Occupational Therpy Aide	2
079.128B	Occupational Therapist	5
079.362	Medical Assistant	1
079.378A	Nurse, Associate Degree	2
079.378C	Nurse, Licensed Practical	5
079.378E	Orthoptist	2
079.378E	Physical Therapist	5
100.388	Medical Record Librarian	1
132.088	Copy Writer	1
141.031	Illustrator	6
143.062B	Photographer, Commercial	6
152.028	Teacher, Music	35
160.288	Estimator	2
186.288	Loan Officer	1
187.138	House Mother	
189.168	Manager Trainee	
199.137	Radiation Monitor	1
201.363A	Medical Secretary	1
201.363B	Secretary	303
202.333	Stenographer	229
203.533A	Typist and Clerk Typist	67
205.363	Admissions Evaluator	13
208.533A	Transcribing Machine Operator	1
209.533	General Clerk	211
209.633	Proof REader	3
210.333	Bookkeeper	16
211.368	Cashier-Bank	14
211.463	Cashier	1
213.133	Supervisor, Machine Room	1
213.332	Digital Computer Operator	4
213.532	Keypunch Operator	13
214.433A	Accounting Clerks	6

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215.488	Payroll Clerk	2
216.388	Statistical Clerks and Compilers	5
219.388	General Office Clerk	1
219.388C	Coding Clerk	3
219.388F	Ward Clerk	40
219.488	Cost Clerk	2
222.387B	Receiving Clerk	3
222.587	Shipping Clerk	3
222.588	Traffic Clerk	1
223.387	Stock Clerk	21
223.388	Inventory Clerk	6
223.587	Laboratory Helper	57
230.878	Messenger	5
231.588	Mail Clerk	4
235.862	Telephone Operator-PBX Operator	17
237.368B	Receptionist	11
242.368	Hotel Clerk	2
249.368	Reservation Clerk	1
249.368E	Library Assistant	78
249.388A	Medical Record Clerk	1
289.358A	Salesman, General	
310.868	Hostess	2
311.878C	Counterman	2
311.878D	Floor Girl, Cafeteria	22
315.381	Cook	50
316.384	Meat Cutter-Butcher	8
317.887	Cooks Helper	17
318.387	Kitchen Helper-Washer	113
319.874	Caterer Helper	1
330.371	Barber	2
338.381	Embalmer	3
355.878	Orderlies & Nurses Aides	4
356.874	Animal Caretaker	14
361.385	Washer, Machine	3
363.782A	Presser Machine	8
363.886	Flatwork Finisher	11
365.381	Shoe Repairman	1

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369.637C	Assembler	2
369.887	Folder	1
373.884	Fire Fighter	10
381.837B	Cleaner, Laboratory Equipment	7
381.887	Janitor	253
404.834	Tree Pruner	1
406.168	Nurseryman	4
406.887	Nursery Worker	2
407.884	Grounds Keeper	1
519.883	Larryman	6
559.782	Utility Operator	1
575.781	Glass Blower	1
600.280B	Machinist	13
601.280	Tool and Die Maker	1
609.684	Inspector, General	6
617.835	Punch Press Operator	5
620.281A	Automobile Mechanic	9
638.281	Maintenance Mechanic	7
643.885	Bindery Worker	4
650.582	Linotype Operator	8
651.782A	Offset Pressman	12
653.782	Folding Machine Operator	3
690.885	Cutting Machine Tender	1
710.281A	Instrument Repairman	12
712.281	Orthopedic Appliance & Limb Tech	2
720.281	Television and Radios Serv and Re	3
729.281	Electric Meter Repairman	1
785.381B	Seamstress	1
787.782B	Sewing Machine Operator, Reg Equ.	2
804.281	Sheet Metal Worker	7
824.281	Electrician	22
829.281	Electrical Mechanic	1
829.281B	Elevator Repairman	2
840.131	Painter Foreman	1
840.781	Painter	24
842.781	Plasterer	4
844.884	Cement Mason	4
859.883A	Heavy Equipment Operator O E	9
860.131	Carpenter Foreman	22
861.381	Bricklayer-Mason	1

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EMPLOYEES      VACANCIES      TRAINEES      Sh. Ad. Surp.

EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
862.331B Pipe Fitter	17	I			
869.381 House Repairman	29	N			
899.381 Maintenance Man, Building	16	F			
905.883 Truck Driver, Heavy	9	O			
906.883 Truck Driver, Light	16	R			
913.883 Ambulance Driver	1	M			
919.168 Dispatcher, Motor Vehicle	1	A			
919.887 Cleaner-Automobile	1	T			
922.883A Coal Equipment Operator	1	I			
922.883B Industrial Truck Operator	4	O			
929.887 Material Handler	38	N			
950.782 Stationary Engineer	2				
952.782 Turbine Operator	6	N			
960.382 Motion Picture Projectionist	3	O			
962.885 Film Inspector	3	T			
971.782 Stencil Operator, Photographic	2				
973.381A Compositor-Typeographer	1	A			
975.782 Sterotyper	1	V			
976.381B Developer	1	A			
979.382 Photostat Operator	1	I			
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H. NONPROFIT ORGANIZATIONS

201.368B Secretary	30	1	0	0	8
202.388 Stenographer	1	0	0	0	1
203.533A Typist and Clerk Typist	10	0	0	0	2
204.288 Correspondance Clerk	6	0	0	0	1
207.782B Duplicating Machine Operator	1	0	0	0	1
209.588 General Clerk	28	0	1	0	4
210.388 Bookkeeper	7	0	0	0	7
214.488A Accounting Clerks	2	0	0	0	1
215.388 Bookkeeping Machine Operator	1	0	0	0	1
216.388 Statistical Clerks and Compilers	3	0	0	0	1
219.388B Rate Clerk, Freight	2	0	0	0	1
222.387 Shipping and Receiving Clerk	3	0	0	0	2
223.387 Stock Clerk	1	0	0	0	1
235.862 Telephone Operator-PBX Operator	1	0	0	0	1
237.368B Receptionist	2	0	0	0	2
249.368B Test Technician	1	0	0	0	1



276.358D	Salesman, Bldg & Cons Equip & Su	4	0	1	1
310.868	Hostess	1	0	0	1
311.878A	Waiter or Waitress	8	0	0	1
311.878B	Bus Boy	5	0	0	1
312.878	Bartender	12	0	0	3
315.381	Cook	3	0	0	1
318.887	Kitchen Helper-Washer	3	0	0	1
381.887	Janitor	2	0	0	2

I. MISCELLANEOUS

001.281	Draftsman, Architectural	21	7	7	7	1
003.281	Draftsman, Electronic	1	1	0	1	
003.281B	Draftsman, Electrical	1	0	1	1	
005.281	Draftsman, Civil	1	0	0		1
017.281	Draftsman, Map	16	3	2	3	
017.281B	Draftsman, Heating and Ventilation	2	0	2	1	
018.188A	Instrument Man	2	0	1		1
018.188B	Surveyor	2	1	2	1	
018.537	Rodman	5	1	0	1	1
018.637	Chainman	1	0	0		1
182.287	Construction Inspector	5	0	2	1	
201.368A	Medical Secretary	1	0	0		1
201.368B	Secretary	49	3	1	6	8
202.388	Stenographer	4	2	0	2	1
203.588A	Typist and Clerk Typist	5	1	0	1	2
209.588	General Clerk	3	0	0	1	2
210.368	Insurance Clerk	1	0	0		1
210.388	Bookkeeper	9	0	0	2	5
219.388	General Office Clerk	1	0	0		1
237.368B	Receptionist	3	0	0	1	2
274.358B	Salesperson, Furniture	2	0	0		1
615.732	Shear Operator-Set Up	1	0	0		1
617.380	Brake Operator Set Up	1	0	0		1
720.281	Television and Radio Serv and Re	6	1	0	1	

		EMPLOYEES	VACANCIES	TRAINEES	Sh.	Ad.	Surp.
721.281	Electric Motor Repairman	18	1	1	1		
730.331	Furniture Upholsterer	4	0	1		1	
780.884B	Upholstery Cutter	1	0	0	1		
787.782B	Sewing Machine Operator, Reg Equ.	3	0	0	1		
810.884	Welder, Heliarc-Gas Shielded Arc	3	0	0		1	
812.887	Welder, Combination	5	4	1	1		
828.281	Electronics Mechanic	0	1	0	1		
905.883	Truck Driver, Heavy	1	0	0			1
905.887	Truck Driver Helper	1	0	0			1
929.887	Material Handler	3	0	0			1

IX. GOVERNMENT

005.281	Draftsman, Civil	4	0	0	2		1
079.378A	Nurse, Associate Degree	1	0	0			1
138.188	Assesor	2	0	0			1
201.368B	Secretary	2	0	0	1		
202.388	Stenographer	2	0	0	2		
203.588A	Typist and Clerk Typist	7	0	0			1
209.588	General Office Clerk	1	0	0			1
235.862	Telephone Operator-PBX Operator	8	0	0	2		
315.381	Cook	2	0	0	1		
355.878A	Tray Line Worker	10	2	0	1		
373.884	Fire Fighter	10	0	0	2		
375.268	Patrolman	26	2	0	2		
381.887	Janitor	3	0	0	1		
407.884	Grounds Keepr	1	0	0			1
850.887	Laborer, Road	28	0	0			1