

2008-2018 Iowa Occupational Projections Show Modest Growth

Iowa's occupational employment is expected to increase by 10% from 2008 to 2018, or 1.0% annually. Job growth will vary across major occupational groups depending on the industry. Service-providing jobs are generally expected to outperform those considered goods-producing. Figure 1 reflects both the ten-year employment change and annual growth rates. Major occupational groups expected to grow faster than the state average include healthcare, computer and mathematical,

Service-providing jobs are generally expected to outperform those considered goods-producing.

business and financial, personal care and service, community and social service, legal, life-physical-social science, education, arts-design-entertainment-sports-media, construction, and architecture-engineering. Growing less than the state average include the food, office-administrative, protective service, installation-maintenance-repair, transportation, building-grounds cleaning-maintenance, sales, production, management, and farming-fishing-forestry major occupational groups.

Figure 1. 2008-2018 Iowa Occupational Group Projections

Occupational Group	2008 Estimated Employment	2018 Projected Employment	2008-18 Employment Change	Annual Growth Rate (%)
Total, All	1,762,260	1,934,875	172,615	1.0
Management	161,565	164,665	3,100	0.2
Business and Financial Operations	69,430	81,635	12,200	1.8
Computer and Mathematical	30,365	36,840	6,470	2.1
Architecture and Engineering	18,115	20,250	2,135	1.2
Life, Physical, and Social Science	14,135	16,085	1,950	1.4
Community and Social Services	24,980	28,715	3,730	1.5
Legal	8,710	9,920	1,210	1.4
Education, Training, and Library	108,195	122,420	14,225	1.3
Arts, Design, Entertainment, Sports, and Media	28,790	32,355	3,565	1.2
Healthcare Practitioners and Technical	81,310	97,505	16,195	2.0
Healthcare Support	48,930	61,020	12,090	2.5
Protective Service	22,950	25,065	2,115	0.9
Food Preparation and Serving Related	133,730	147,080	13,350	1.0
Building/Grounds Cleaning and Maintenance	58,965	63,300	4,335	0.7
Personal Care and Service	55,110	63,555	8,445	1.5
Sales and Related	182,310	193,870	11,560	0.6
Office and Administrative Support	243,955	266,520	22,565	0.9
Farming, Fishing, and Forestry	13,455	13,605	150	0.1
Construction and Extraction	81,600	91,570	9,970	1.2
Installation, Maintenance, and Repair	69,420	75,405	5,985	0.9
Production	171,740	177,860	6,115	0.4
Transportation and Material Moving	134,490	145,635	11,145	0.8

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2010 U.S. Population Census: Regional, State, and Immigration Growth Patterns



Education, Health, IT, and Social Services Top Iowa Growth Industries

Employment

Employment gains from the top 15 industries in Iowa are expected to create 143,040 of the 174,980 jobs (82%) Iowa's economy is expected to generate in the 2008-2018 projection period. Of the top 15 industries, education, health care and social assistance project a combined 58,710 jobs. Conversely, 16 Iowa industries expect to shed a total loss of 8,180 jobs out of the state's total job loss of 8,435 (97%) for the 2008-

2018 projection period.

Manufacturing industries show the largest job decline with an expected combined loss of 3,935 jobs. Both growing and declining

Education, Health Care and Social Assistance project a combined 58,710 jobs.

industry projections can be seen in Figures 2 and 3 on page 4.

Growth Rate

Industries evaluated from a growth rate perspective differ somewhat from the previous employment numbers just mentioned. Top 15 high growth industries in Iowa from the 2008-2018 projection period include predominately information services, information technology, professional-scientific-technical services, and health care. Together, these

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2008-2018 Iowa Occupational Projections

Health, Office Admin, Food Prep, Sales, and Trans-Material Moving Tops in Employment, Growth Rate, and Openings

Employment

Iowa's top 10 occupations expected to have the largest employment growth for 2008-2018 will account for 48,870 (or 28%) of the projected 172,615 new jobs. Of the 48,870 new jobs, 29,025 (or nearly 60%) will fall into the major occupational groups of healthcare and office

administrative. Iowa's top 10 occupations expected to have the largest decline for 2008-2018 will account for 5,565 (or 71%) of the projected 7,860 lost jobs. The farming-fishing-forestry occupational group alone will account for 2,135 (or 38%) of the jobs expected to be eliminated. See Figures 6 and 7.

Figure 8. 2008-2018 Iowa Occupations with Fastest Growth Rate

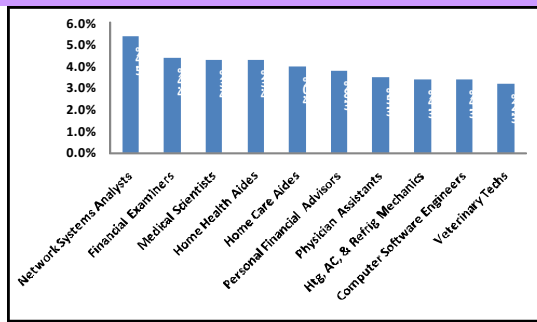


Figure 9. 2008-2018 Iowa Occupations with Fastest Declining Growth Rate

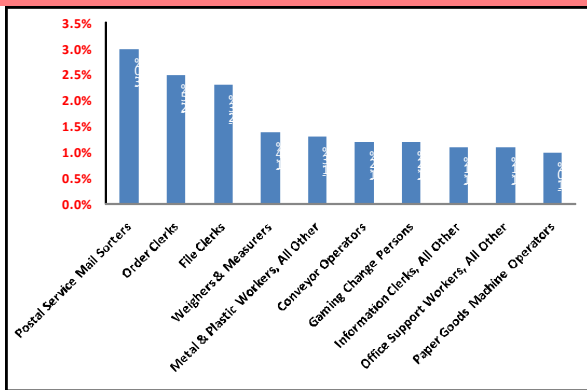


Figure 10. 2008-2018 Iowa Occupations with Most Annual Openings

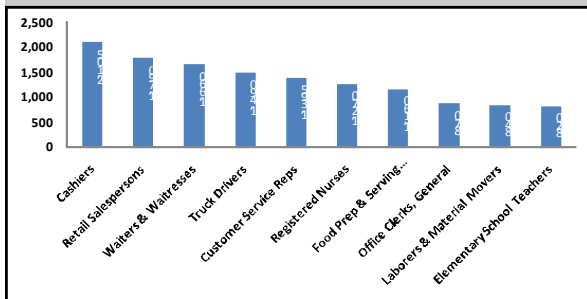


Figure 6. 2008-2018 Iowa Occupations with Largest Job Growth

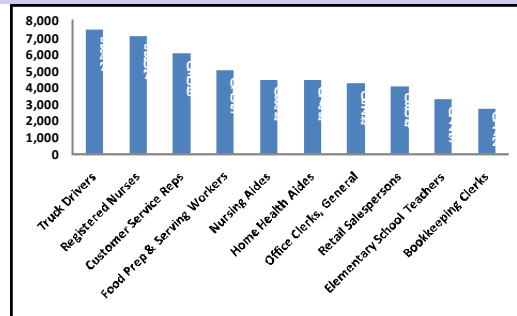
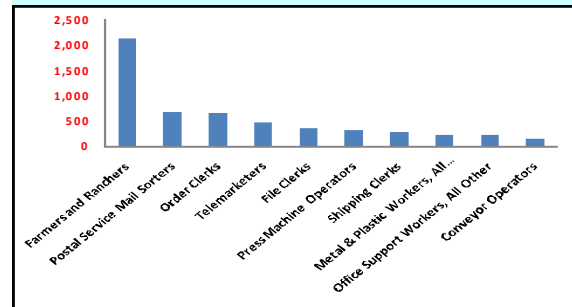


Figure 7. 2008-2018 Iowa Occupations with Largest Job Decline



Growth Rate

Iowa's top 10 occupations expected to have the largest percentage of employment growth for 2008-2018 are primarily in the healthcare major occupational group. However, these occupations may not necessarily provide the largest number of job openings. Consideration should therefore also be given to occupational employment levels.

Iowa's top 10 occupations expected to have the largest percentage of employment decline for 2008-2018 are primarily in the office-administrative major occupational group. Declining occupations show the expected reduction rates that may occur due to declining industry

employment and/or technological change. When considered as a source for employment, thought should be given to an occupation's growth rate, training time, and costs. See Figures 8 and 9 for specifics.

Openings

Iowa's top 10 occupations expected to have the most annual openings for 2008-2018 will account for 13,400 (or 23%) of the projected 57,640 openings. Of the 13,400 openings, 11,310 (or 84%) will fall into the major occupational groups of food prep and serving, sales, office-administrative, and transportation-material moving as Figure 10 illustrates.

2010 U.S.-Iowa Population Census

Iowa, Midwest Trail Nation in Growth, MSAs are Bright Spots Immigration Critical to Nation's Population Growth

Figure 11. 2010 U.S. & Regional Population Growth by Decade

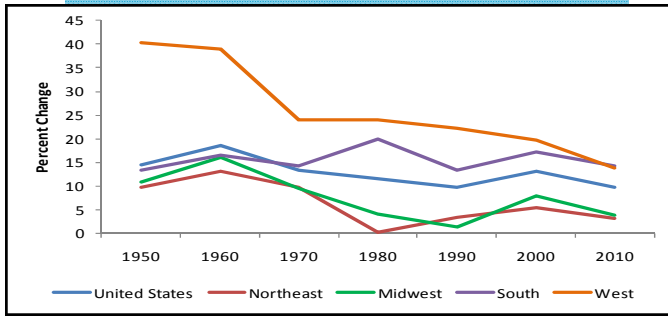


Figure 12. 2010 Iowa Population Growth by Decade

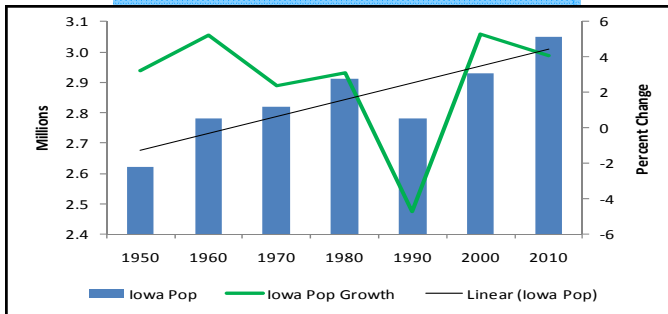
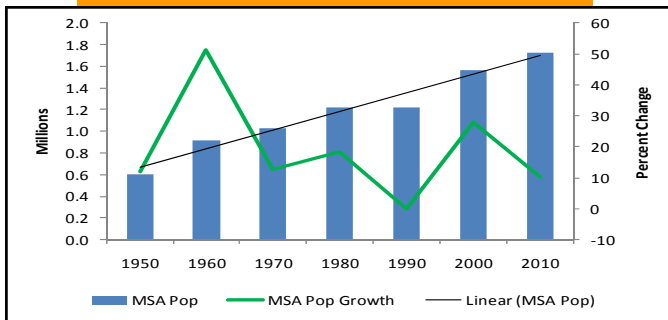


Figure 13. 2010 Iowa MSA Population Growth by Decade



U.S. Foreign-Born Pop

Figure 14 takes a look at the foreign-born population and their decade of entry into the U.S. as of 2009. More foreign immigrants entered the U.S. during the past two decades than before. These (legal) immigrants, accounting for much of the nation's (and Iowa's) growth, came from Latin America (51%), Asia (27%), Europe (15%), and Other

(7%). Mexico led all countries at 28 percent.

Race & Hispanic/Latino Origin in Iowa

The racial make-up of Iowa's population from 1990 through 2010 is presented in Figure 15. All minority racial groups increased in number. Also listed are Latinos, the largest ethnic immigrant group.

U.S.-Regional Pop Growth

The Midwest trails in percentage population growth when compared with other regions of the country as Figure 11 shows. For the past several decades, the South and West regions grew at substantially higher rates than any other region.

Iowa's Pop Growth

Iowa enjoyed a 5.4 percent population gain in the 1990s and a more recent 4.1 percent increase from 2000 to 2010. See Figure 12. These back-to-back periods saw Iowa increase its population by 269,524. At no time in the last 100 years has Iowa enjoyed greater population

increases in number for consecutive periods than in the past two decades. Also, the trend line indicates continued population growth.

Iowa's MSA Pop Growth

Looking at Figure 13, long-established trends continue in Iowa's sub state areas. Metropolitan Statistical Areas (MSAs) are rising in population growth. Ames, Cedar Rapids, Council Bluffs, Davenport, Des Moines, Dubuque, Iowa City, Sioux City, and Waterloo-Cedar Falls make up Iowa's MSAs. The 2010 Census data shows Iowa's fastest population growth is expected for the Ames-Des Moines and Cedar Rapids-Iowa City corridors.

Figure 14. 2010 U.S. Foreign-Born Population & Decade of Entry

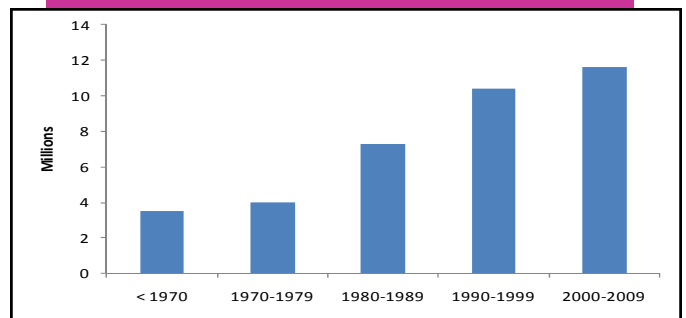


Figure 15. 2010 Race & Hispanic/Latino Origin in Iowa by Decade

Race/Ethnicity	1990	2000	2010
White	96.6	93.9	91.3
Black	1.7	2.1	2.9
American Indian	0.3	0.3	0.4
Asian/Pacific Islander	0.9	1.3	1.8
Other	0.5	1.3	1.8
Two or More Races	n/a	1.1	1.8
Total	100	100	100
Latino, Any Race	1.2	2.8	5.0

Education, Health, IT, and Social Services Top Iowa Growth Industries

Continued from Page 1

industries comprise 32,525 of the 77,260 (42%) total jobs expected to be produced. Regarding Iowa's 15 slowest growing industries, the manufacturing industries (most

notably textiles and apparel) makeup 2,305 of the total 6,675 (35%) expected job losses from 2008-2018. Figures 4 and 5 as shown below provide a listing of top growing and declining industries by growth rate.

Figure 2. 2008-2018 Iowa Industries with Largest Growth

Industry	Total Growth	Percent Change
Educational Services	19,015	11.4
Ambulatory Health Care Services	14,615	30.0
Administrative and Support Services	14,230	22.7
Professional, Scientific, and Technical Services	13,900	32.6
Nursing and Residential Care Facilities	10,440	19.8
Self Employed and Unpaid Family Workers	10,125	7.3
Food Services and Drinking Places	9,645	10.0
Specialty Trade Contractors	9,505	20.9
Social Assistance	7,585	28.3
Hospitals	7,055	11.0
Truck Transportation	6,645	21.9
Insurance Carriers and Related Activities	6,565	14.8
Credit Intermediation and Related Activities	6,175	15.1
Internet Service Providers, Web Search	3,785	50.7
General Merchandise Stores	3,755	10.9

Figure 3. 2008-2018 Iowa Industries with Largest Decline

Industry	Total Growth	Percent Change
Postal Service	-1,125	-12.6
Electrical Equipment, Appliance and Component Mfg	-1,085	-13.9
Printing and Related Support Activities	-870	-10.6
Merchant Wholesalers	-745	-2.4
Telecommunications	-650	-6.9
Utilities	-520	-7.3
Plastics and Rubber Products	-495	-4.1
Clothing and Clothing Accessories Stores	-470	-4.0
Paper Mfg	-460	-10.9
Apparel Mfg	-425	-28.9
Fabricated Metal Mfg	-370	-1.8
Publishing Industries	-315	-2.8
Textile Product Mills	-230	-35.1
Food and Beverage Stores	-190	-0.5
Miscellaneous Store Retailers	-115	-1.3
State Government, Excluding Education and Hospitals	-115	-0.5

Figure 4. 2008-2018 Iowa Industries with Fastest Growth Rate

Industry	Percent Change	Total Growth
Internet Service Providers, Web Search	50.7	3,785
Other Information Services	44.1	225
Professional, Scientific, and Technical Services	32.6	13,900
Ambulatory Health Care Services	30.0	14,615
Social Assistance	28.3	7,585
Warehousing and Storage	27.6	2,865
Support Activities for Transportation	24.4	735
Lessors of Nonfinancial Intangible Assets	24.1	35
Administrative and Support Services	22.7	14,230
Support Activities for Agriculture	22.3	685
Truck Transportation	21.9	6,645
Securities, Commodity Contracts, and Other Investments	21.8	890
Museums, Historical Sites, and Similar Institutions	21.7	205
Specialty Trade Contractors	20.9	9,505
Wholesale Electronic Markets and Agents	20.3	1,355

Figure 5. 2008-2018 Iowa Industries with Fastest Declining Growth Rate

Industry	Percent Change	Total Growth
Textile Product Mills	-35.1	-230
Textile Mills	-31.0	-45
Apparel Manufacturing	-28.9	-425
Leather and Allied Product Manufacturing	-19.4	-60
Support Activities for Mining	-14.3	-5
Electrical Equipment, Appliance and Component Manufacturing	-13.9	-1085
Postal Service	-12.6	-1125
Paper Manufacturing	-10.9	-460
Printing and Related Support Activities	-10.6	-870
Utilities	-7.3	-520
Telecommunications	-6.9	-650
Plastics and Rubber Products	-4.1	-495
Clothing and Clothing Accessories Stores	-4.0	-470
Publishing Industries	-2.8	-315
Pipeline Transportation	-2.8	-10

Employment data derived from the 2008-2018 Iowa Industry and Occupational Projections produced by the Labor Market and Workforce Information Division of Iowa Workforce Development (IWD). Population figures are from the 2010 U.S. Census with additional analysis performed by the State Data Center of the State Library of Iowa and IWD. MSAs refer to Metropolitan Statistical Areas (urban areas with 50,000 or more residents).

This publication was produced by the Labor Market and Workforce Information Division of Iowa Workforce Development. Inquiries may be directed to Brent Paulson at 515.281.3439 or Brent.Paulson@iwd.iowa.gov.

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