

# LABORSHED ANALYSIS

Data Update, October 2017

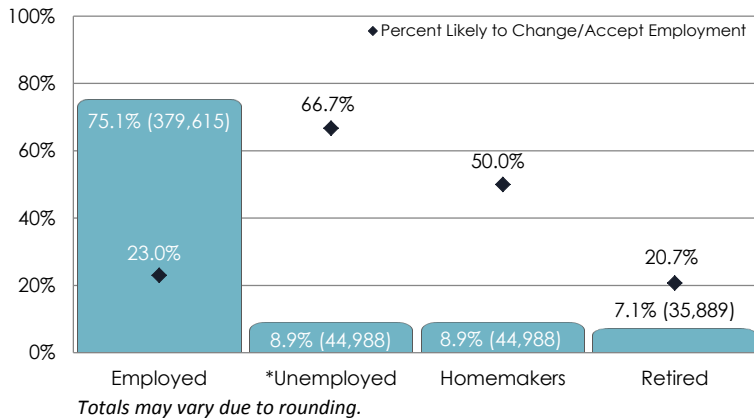
# PELLA LABORSHED ANALYSIS UPDATE

A Laborshed is the area or region from which an employment center draws its commuting workers. A Laborshed analysis, in part, estimates the availability of labor for an area.

The most current Laborshed study conducted for the Pella Laborshed area was completed in August 2016. The following summary is an update to the initial Laborshed analysis based on current labor force participation and Census data.

**TOTAL POPULATION 18-64: 505,479**  
**TOTAL ESTIMATED LABOR FORCE: 436,297**

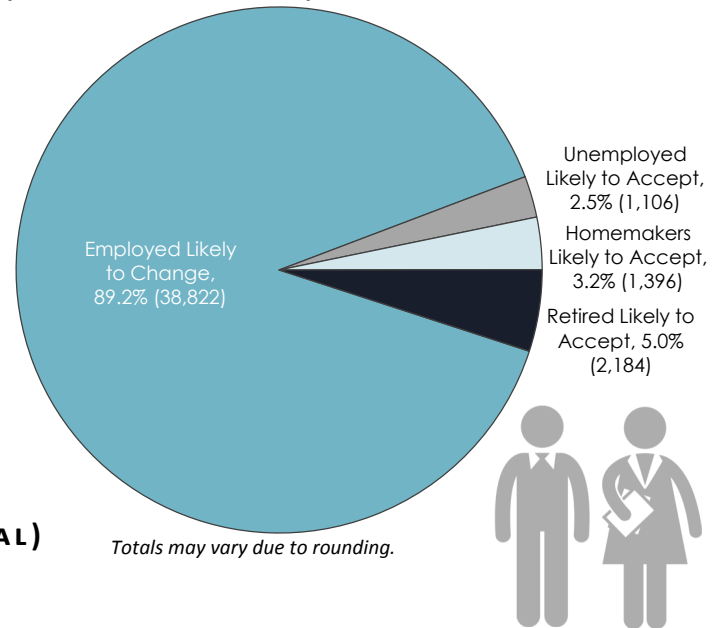
## EMPLOYMENT STATUS (ESTIMATED TOTAL)\*



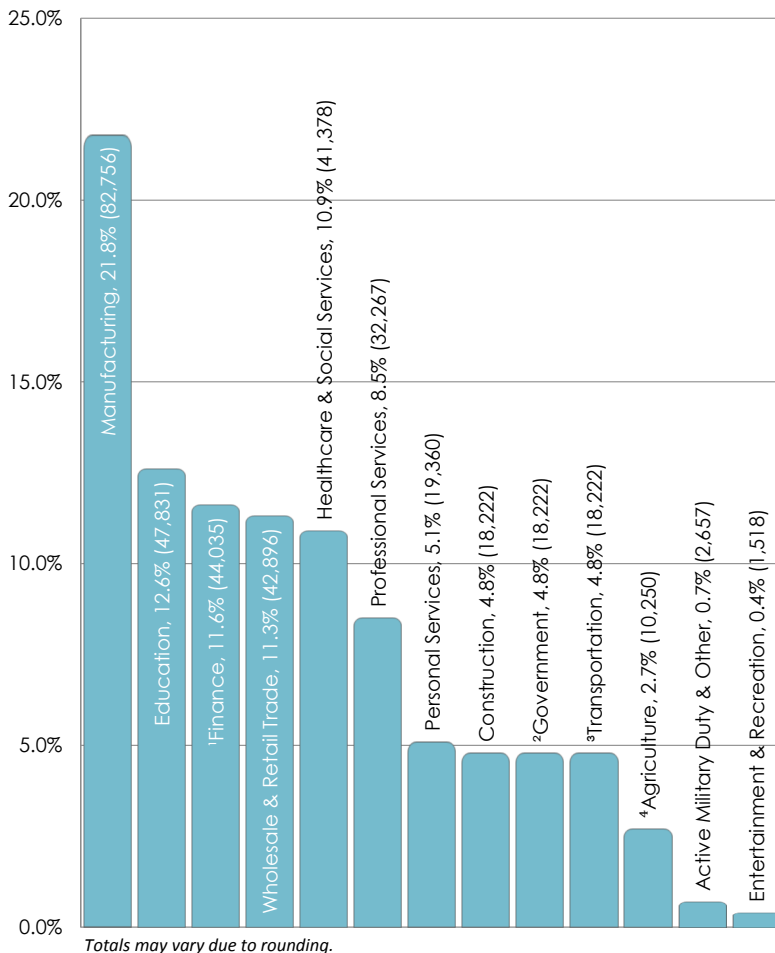
\*Employment status is self-identified by the survey respondent. The unemployment percentage above does not reflect the unemployment rate published by the U.S. Bureau of Labor Statistics, which applies a stricter definition.

**ESTIMATED TOTAL LIKELY TO CHANGE/ACCEPT EMPLOYMENT IN PELLA: 43,508**

## LIKELY TO CHANGE/ACCEPT EMPLOYMENT (ESTIMATED TOTAL)



## INDUSTRIES OF THE EMPLOYED (ESTIMATED TOTAL)



<sup>1</sup>Finance, Insurance & Real Estate

<sup>3</sup>Transportation, Communications & Utilities

<sup>2</sup>Government & Public Administration

<sup>4</sup>Agriculture, Forestry & Mining

## OCCUPATIONAL CATEGORIES OF THE EMPLOYED

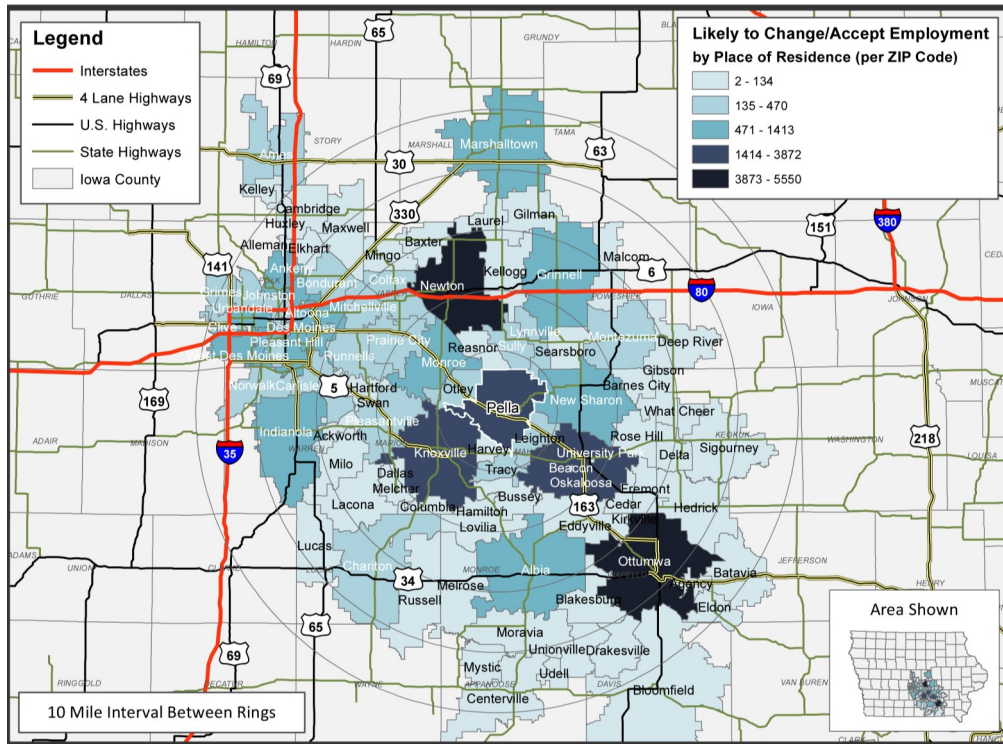
	Percent of Respondents	Estimated Employed in Laborshed
Professional, Paraprofessional & Technical	34.8%	132,106
Production, Construction & Material Handling	19.6%	74,405
Clerical/Administrative Support	16.7%	63,396
Managerial/Administrative	12.0%	45,554
Service	9.1%	34,545
Sales	6.1%	23,157
Agriculture	1.7%	6,453
<b>Total</b>	<b>100%</b>	<b>379,616</b>

Totals may vary due to rounding methods.

The largest concentration of workers are employed in the manufacturing industry. When broken out by occupational category the largest concentration of workers are within the professional, paraprofessional & technical category. The agricultural occupational category represents the smallest sector of workers who are currently employed.



## CONCENTRATION OF THOSE LIKELY TO CHANGE/ACCEPT EMPLOYMENT IN PELLA



The estimated total of those likely to change or accept employment references those who would be likely to commute into Zone 1 (Pella) from their home ZIP for an employment opportunity. Employment demographic variables such as employment status, age, education level, wage and distance from Zone 1 are taken into consideration when estimating the availability of these workers. The map to the left shows the concentration of those likely to change or accept employment in Pella within the Pella Laborshed area.

### OUT COMMUTERS

Approximately 1,562 people living in Pella work in other communities. Of those, 22.7% (approximately 354 people) are likely to change employment if presented with the right employment offer.

## EMPLOYED LIKELY TO CHANGE EMPLOYMENT FOR A POSITION IN PELLA (ESTIMATED 38,822):

### AGE RANGE DISTRIBUTION

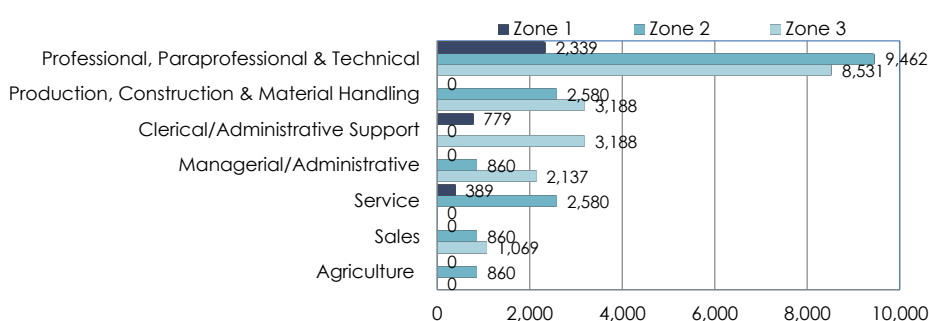
	% of Respondents Likely to Change by Age Range	Estimated Total	% of Respondents Likely to Change within Each Age Range
18 to 24	10.3%	3,999	41.1%
25 to 34	14.7%	5,707	32.3%
35 to 44	30.9%	11,996	24.7%
45 to 54	23.5%	9,123	18.4%
55 to 64	20.6%	7,997	17.7%
<b>Total</b>	<b>100%</b>	<b>38,822</b>	<b>-</b>

### LIKELINESS TO CHANGE BY OCCUPATIONAL CATEGORY

	% of Respondents Likely to Change by Occupational Category	Estimated Total	% of Respondents Likely to Change within Each Occupational Category
Professional, Paraprofessional & Technical	31.7%	12,307	21.3%
Production, Construction & Material Handling	19.0%	7,376	22.2%
Clerical/Administrative Support	17.5%	6,794	23.9%
Service	14.3%	5,552	36.0%
Managerial/Administrative	6.3%	2,446	12.1%
Sales	6.3%	2,446	23.6%
Agriculture	4.9%	1,902	*
<b>Total</b>	<b>100%</b>	<b>38,823</b>	<b>-</b>

Totals may vary due to rounding methods.

### DESIRED OCCUPATIONAL CATEGORIES WITHIN THE ZONES



The majority of those who reside in Zone 1 (Pella) are looking for positions within the professional, paraprofessional & technical occupational categories (approximately 2,339 people). Those who reside in Zone 2 are primarily looking for positions within the professional, paraprofessional & technical occupational category (approximately 9,462 people) and residents within Zone 3 are also primarily looking for positions within the professional, paraprofessional & technical occupational category (approximately 8,531 people).

## ESTIMATED LABOR FORCE FOR THE PELLA LABORSHED AREA

Weighted Labor Force				
	ZIP Code	Total Population 18 to 64	Total Adjusted Labor Force	Total Likely to Change/Accept Employment*
<b>Zone 1</b>				
Pella, IA	50219	8,388	6,991	3,872
<b>Total Zone 1</b>		<b>8,388</b>	<b>6,991</b>	<b>3,872</b>
<b>Zone 2</b>				
Albia, IA	52531	3,380	2,819	1,136
Beacon, IA	52534	186	153	71
Harvey, IA	50119	342	285	134
Knoxville, IA	50138	6,698	5,582	2,669
Leighton, IA	50143	350	288	142
Lynnvile, IA	50153	530	435	199
Monroe, IA	50170	1,676	1,376	658
New Sharon, IA	50207	1,560	1,283	597
Newton, IA	50208	12,455	10,227	4,398
Oskaloosa, IA	52577	8,912	7,331	3,381
Otley, IA	50214	515	429	218
Ottumwa, IA	52501	18,043	14,215	5,550
Reasnor, IA	50232	301	247	114
Sully, IA	50251	733	602	275
Tracy, IA	50256	387	323	146
University Park, IA	52595	308	253	115
<b>Total Zone 2</b>		<b>56,376</b>	<b>45,848</b>	<b>19,803</b>
<b>Zone 3</b>				
Ackworth, IA	50001	443	409	32
Agency, IA	52530	540	425	20
Alleman, IA	50007	353	316	11
Altoona, IA	50009	10,748	9,623	757
Ames, IA	50012	4,502	3,544	64
Ames, IA	50014	23,825	18,753	324
Ames, IA	50010	22,049	17,355	353
Ankeny, IA	50021	16,051	14,371	705
Ankeny, IA	50023	19,068	17,072	742
Barnes City, IA	50027	177	146	16
Batavia, IA	52533	928	700	24
Baxter, IA	50028	869	714	48
Blakesburg, IA	52536	715	563	39
Bloomfield, IA	52537	3,724	3,111	94
<b>Zone 3 Continued On Next Page</b>				

*\*Total Likely to Change/Accept Employment references the estimated total of those who would be likely to commute into Zone 1 from their home ZIP code for an employment opportunity.*

*For the original analysis as part of the household survey portion of the Laborshed study an equal number of survey calls were completed into three separate survey zones. The three zones are classified as Zone 1) Pella, Zone 2) ZIP codes adjacent or near Zone 1 that have a moderate number of residents working in Pella or are within 20 miles of Pella and Zone 3) the ZIP codes in outlying areas with a low concentration of residents working in Pella.*

## ESTIMATED LABOR FORCE FOR THE PELLA LABORSHED AREA (CONTINUED)

	Weighted Labor Force			
	ZIP Code	Total Population 18 to 64	Total Adjusted Labor Force	Total Likely to Change/Accept Employment*
<b>Zone 3 Continued</b>				
Bondurant, IA	50035	3,625	3,246	218
Bussey, IA	50044	617	514	64
Cambridge, IA	50046	768	605	18
Carlisle, IA	50047	3,203	2,961	242
Cedar, IA	52543	197	162	19
Centerville, IA	52544	4,301	3,430	117
Chariton, IA	50049	3,709	3,122	210
Clive, IA	50325	10,071	9,017	321
Colfax, IA	50054	1,893	1,554	173
Columbia, IA	50057	154	128	15
Dallas, IA	50062	340	283	6
Deep River, IA	52222	382	315	25
Delta, IA	52550	225	182	16
Des Moines, IA	50309	22,534	20,175	1,413
Des Moines, IA	50310	12,658	11,333	732
Des Moines, IA	50311	20,091	17,988	848
Des Moines, IA	50312	22,271	19,940	1,192
Des Moines, IA	50313	7,016	6,282	391
Des Moines, IA	50314	11,085	9,925	572
Des Moines, IA	50315	5,390	4,826	227
Des Moines, IA	50316	4,565	4,087	255
Des Moines, IA	50317	10,083	9,027	498
Des Moines, IA	50320	11,295	10,113	559
Des Moines, IA	50321	10,574	9,467	612
Drakesville, IA	52552	492	411	10
Eddyville, IA	52553	1,252	986	118
Eldon, IA	52554	882	695	23
Elkhart, IA	50073	685	613	24
Fremont, IA	52561	570	469	47
Gibson, IA	50104	70	57	5
Gilman, IA	50106	685	522	34
Grimes, IA	50111	6,919	6,195	220
Grinnell, IA	50112	7,124	5,878	499
Hamilton, IA	50116	128	107	13
Hartford, IA	50118	619	572	57
Hedrick, IA	52563	910	737	52
<b>Zone 3 Continued On Next Page</b>				

\*Total Likely to Change/Accept Employment references the estimated total of those who would be likely to commute into Zone 1 from their home ZIP code for an employment opportunity.

For the original analysis as part of the household survey portion of the Laborshed study an equal number of survey calls were completed into three separate survey zones. The three zones are classified as Zone 1) Pella, Zone 2) ZIP codes adjacent or near Zone 1 that have a moderate number of residents working in Pella or are within 20 miles of Pella and Zone 3) the ZIP codes in outlying areas with a low concentration of residents working in Pella.

## ESTIMATED LABOR FORCE FOR THE PELLA LABORSHED AREA (CONTINUED)

	ZIP Code	Weighted Labor Force		Total Likely to Change/Accept Employment*
		Total Population 18 to 64	Total Adjusted Labor Force	
Zone 3 Continued				
Huxley, IA	50124	2,285	1,799	52
Indianola, IA	50125	11,899	10,998	739
Johnston, IA	50131	12,087	10,822	470
Kelley, IA	50134	409	322	7
Kellogg, IA	50135	1,003	824	103
Kirkville, IA	52566	126	99	9
Lacona, IA	50139	912	843	64
Laurel, IA	50141	410	312	24
Lovilia, IA	50150	511	426	49
Lucas, IA	50151	309	260	12
Malcom, IA	50157	411	339	22
Marshalltown, IA	50158	18,074	13,769	649
Maxwell, IA	50161	1,204	948	45
Melcher-Dallas, IA	50163	427	356	37
Melrose, IA	52569	365	304	13
Milo, IA	50166	876	810	55
Mingo, IA	50168	459	377	32
Mitchellville, IA	50169	2,312	2,070	182
Montezuma, IA	50171	1,622	1,338	143
Moravia, IA	52571	884	705	37
Mystic, IA	52574	507	404	13
Norwalk, IA	50211	7,615	7,039	283
Pleasant Hill, IA	50327	7,017	6,282	494
Pleasantville, IA	50225	1,739	1,449	209
Prairie City, IA	50228	1,341	1,101	153
Rose Hill, IA	52586	244	201	23
Runnells, IA	50237	1,863	1,668	193
Russell, IA	50238	654	550	27
Searsboro, IA	50242	270	223	28
Sigourney, IA	52591	1,701	1,377	93
Swan, IA	50252	121	101	11
Udell, IA	52593	55	44	2
Unionville, IA	52594	221	176	8
Urbandale, IA	50322	19,868	17,788	804
Urbandale, IA	50323	7,098	6,355	244
West Des Moines, IA	50265	17,278	15,469	621
West Des Moines, IA	50266	21,837	19,551	643
What Cheer, IA	50268	525	425	33
Windsor Heights, IA	50324	2,801	2,508	133
Total Zone 3		440,715	383,458	19,833
Grand Total		505,479	436,297	43,508

\*Total Likely to Change/Accept Employment references the estimated total of those who would be likely to commute into Zone 1 from their home ZIP code for an employment opportunity.

For the original analysis as part of the household survey portion of the Laborshed study an equal number of survey calls were completed into three separate survey zones. The three zones are classified as Zone 1) Pella, Zone 2) ZIP codes adjacent or near Zone 1 that have a moderate number of residents working in Pella or are within 20 miles of Pella and Zone 3) the ZIP codes in outlying areas with a low concentration of residents working in Pella.