

# OnTheMap Floods in Iowa

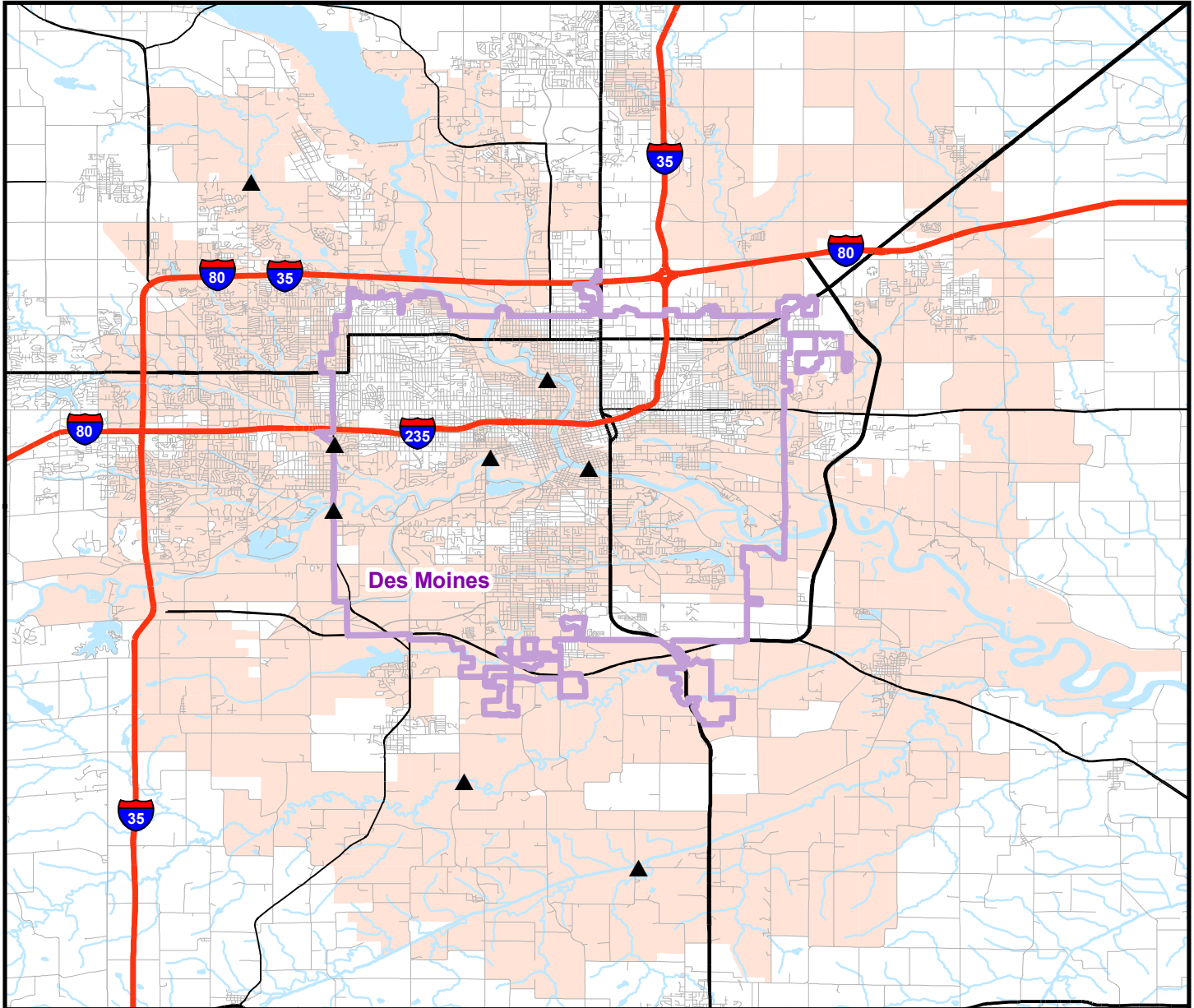
Local Employment Dynamics

All About Jobs

## Custom Maps and Reports on Floods in Iowa

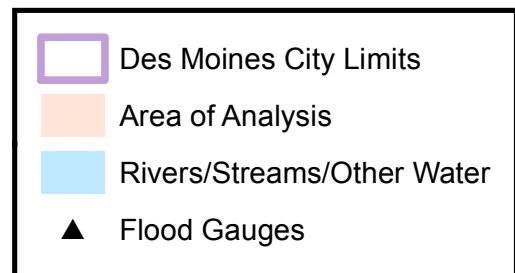
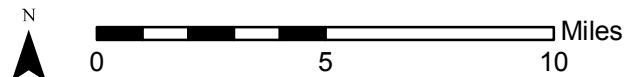
- This package covers custom analyses on flood-impacted Census blocks in the Cedar Rapids and Des Moines areas.
- For each city, one map and two sets of reports are provided. The map shows a city, rivers and streams near or in the city, and a set of Census blocks defined as the Area of Analysis. The reports include characteristics of workers employed or living in the selected Census blocks, as well as work locations of for the Census block's residents and home locations for the Census block's workers.
- The area of analysis was defined by selecting all Census blocks up to 0.5 miles away from any water source that is within 5 miles of the Des Moines or Cedar Rapids city boundary.
- Data source: U.S. Census Bureau, LED Worker Origin/Destination Database (2nd Quarter of 2002, 2003 and 2004).
- The base map geographies (including city boundaries, Census blocks, and water sources) used in this analysis are based on TIGER 2005 2<sup>nd</sup> Edition geovintage.
- These custom maps and reports are generated using ESRI's ArcGIS and SAS.
- Comments and suggestions about OnTheMap should be sent to [DID.Local.Employment.Dynamics@census.gov](mailto:DID.Local.Employment.Dynamics@census.gov).

# Potential Flood Areas Near Des Moines, Iowa



This map shows a potential flood analysis area surrounding Des Moines, Iowa. The shaded area represents the Census Blocks that lie within 1/2 mile of any river, stream, or waterway near to Des Moines. The following reports use this shaded region as the Area of Analysis. In and around Des Moines, there are 4435 Census Blocks being used for the analysis. Gauge markers identify approximate locations of USGS river gauges.

The choice of parameters (any waterway within 5 miles of Des Moines and any Census Block within 0.5 miles of those chosen waterways) are not fixed. **Any detailed geography that can be approximated by Census Blocks can be used for this analysis.**



<b>Employment in Impacted Blocks</b>	<b>Total for 2004</b>	<b>Share of All Jobs [%]</b>
All Jobs	151,103	100.0
Private Jobs	134,597	89.1
All Primary Jobs (Worker's highest paying job)	138,915	91.9
Private Primary Jobs	123,386	81.7

<b>Cities or Towns Where Workers Live</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Des Moines, IA	44,706	32.2
West Des Moines, IA	12,882	9.3
Urbandale, IA	8,839	6.4
Ankeny, IA	7,020	5.1
Clive, IA	3,504	2.5
Altoona, IA	2,638	1.9
Johnston, IA	2,573	1.9
Norwalk, IA	1,707	1.2
Pleasant Hill, IA	1,610	1.2
Indianola, IA	1,566	1.1
Other	51,870	37.3

<b>Counties Where Workers Live</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Polk, IA	91,067	65.6
Dallas, IA	7,369	5.3
Warren, IA	7,260	5.2
Story, IA	2,782	2.0
Linn, IA	2,100	1.5
Madison, IA	1,732	1.2
Jasper, IA	1,726	1.2
Scott, IA	1,302	0.9
Marion, IA	1,296	0.9
Boone, IA	1,256	0.9
Other	21,025	15.1

Where Workers Employed in Area of Analysis around Des Moines Live

<b>States Where Workers Live</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Iowa	135,432	97.5
California	611	0.4
Illinois	473	0.3
Other	2,399	1.7

Where Workers Employed in Area of Analysis around Des Moines Live

Workers by Age	Total for 2004	Share of Primary Jobs [%]
Age 30 or younger	39,071	28.1
Age 31 to 54	79,797	57.4
Age 55 or older	20,047	14.4

Workers by Earnings	Total for 2004	Share of Primary Jobs [%]
\$1,200 per month or less	31,947	23.0
\$1,201 to \$3,400 per month	57,021	41.0
More than \$3,400 per month	49,947	36.0

Workers by Industry Sector (2-digit NAICS)	Total for 2004	Share of Primary Jobs [%]
Agriculture, Forestry, Fishing and Hunting	88	0.1
Mining	156	0.1
Utilities	1,333	1.0
Construction	8,187	5.9
Manufacturing	10,065	7.2
Wholesale Trade	8,723	6.3
Retail Trade	18,822	13.5
Transportation and Warehousing	3,631	2.6
Information	4,500	3.2
Finance and Insurance	17,468	12.6
Real Estate and Rental and Leasing	2,240	1.6
Professional, Scientific, and Technical Services	6,637	4.8
Management of Companies and Enterprises	2,948	2.1
Administrative and Support and Waste Management and Remediation Services	10,082	7.3
Educational Services	7,031	5.1
Health Care and Social Assistance	14,661	10.6
Arts, Entertainment, and Recreation	1,599	1.2
Accommodation and Food Services	8,845	6.4
Other Services (except Public Administration)	4,626	3.3
Public Administration	7,273	5.2

Characteristics of Workers Employed in Area of Analysis around Des Moines

<b>Resident-Held Jobs in Impacted Blocks</b>	<b>Total for 2004</b>	<b>Share of All Jobs [%]</b>
All Jobs	114,661	100.0
Private Jobs	101,299	88.3
All Primary Jobs (Worker's highest paying job)	105,977	92.4
Private Primary Jobs	93,476	81.5

<b>Cities or Towns Where Resident Workers are Employed</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Des Moines, IA	49,233	46.5
West Des Moines, IA	15,213	14.4
Urbandale, IA	6,400	6.0
Clive, IA	3,893	3.7
Ankeny, IA	3,815	3.6
Johnston, IA	3,492	3.3
Cedar Rapids, IA	1,468	1.4
Altoona, IA	1,430	1.3
Ames, IA	1,122	1.1
Davenport, IA	1,007	1.0
Other	18,904	17.8

<b>Counties Where Resident Workers are Employed</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Polk, IA	87,199	82.3
Dallas, IA	4,042	3.8
Linn, IA	1,729	1.6
Warren, IA	1,619	1.5
Story, IA	1,311	1.2
Black Hawk, IA	1,195	1.1
Scott, IA	1,165	1.1
Johnson, IA	795	0.8
Jasper, IA	540	0.5
Butler, IA	521	0.5
Other	5,861	5.5

Where Resident-Workers Living in Area of Analysis around Des Moines are Employed

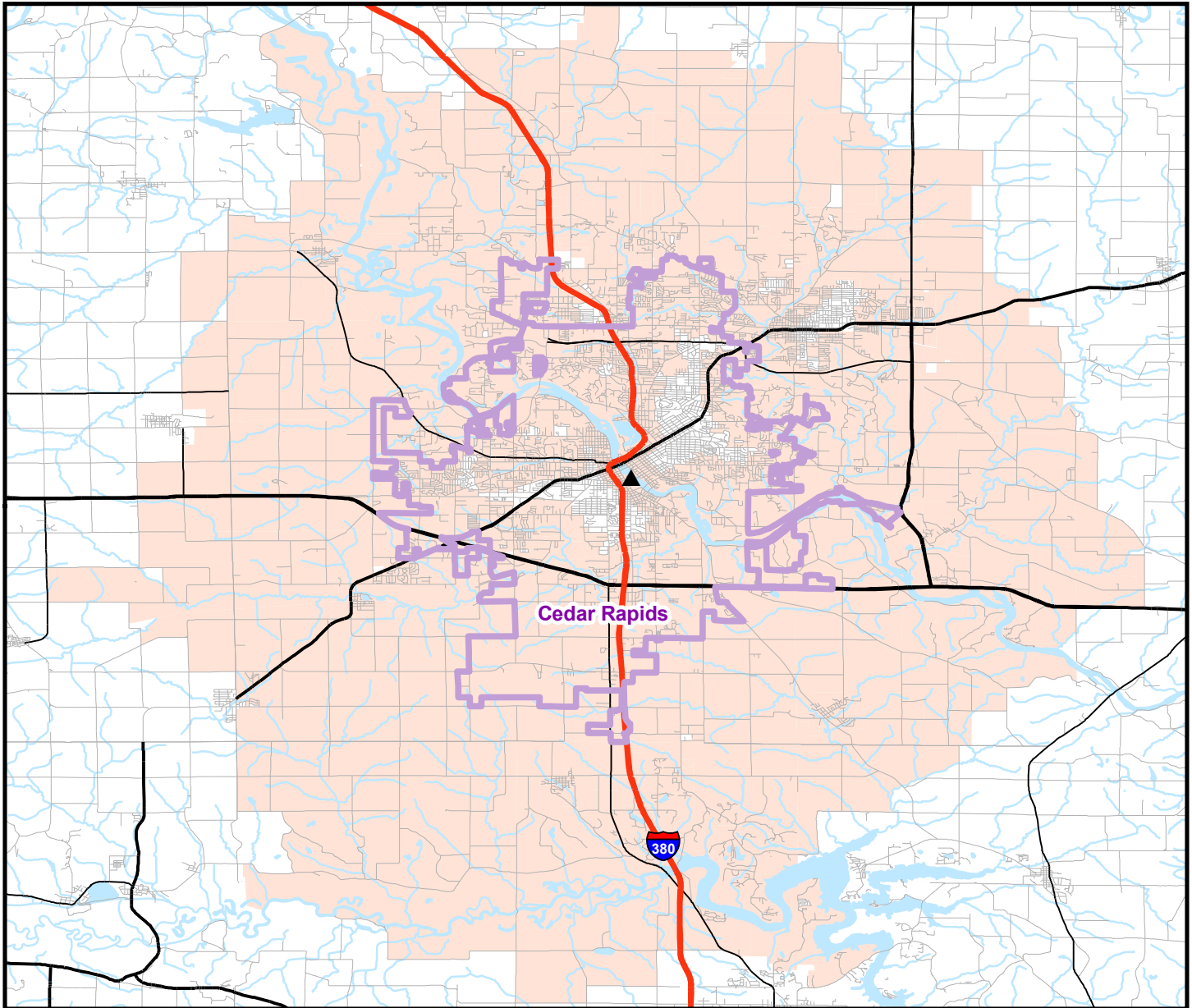
<b>Resident Workers by Age</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Age 30 or younger	29,108	27.5
Age 31 to 54	61,350	57.9
Age 55 or older	15,519	14.6

<b>Resident Workers by Earnings</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
\$1,200 per month or less	22,375	21.1
\$1,201 to \$3,400 per month	43,400	41.0
More than \$3,400 per month	40,202	37.9

<b>Resident Workers by Industry Sector (2-digit NAICS).</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Agriculture, Forestry, Fishing and Hunting	180	0.2
Mining	82	0.1
Utilities	647	0.6
Construction	5,293	5.0
Manufacturing	7,471	7.0
Wholesale Trade	6,173	5.8
Retail Trade	12,587	11.9
Transportation and Warehousing	3,063	2.9
Information	4,020	3.8
Finance and Insurance	17,520	16.5
Real Estate and Rental and Leasing	1,625	1.5
Professional, Scientific, and Technical Services	4,640	4.4
Management of Companies and Enterprises	1,279	1.2
Administrative and Support and Waste Management and Remediation Services	5,546	5.2
Educational Services	6,963	6.6
Health Care and Social Assistance	11,641	11.0
Arts, Entertainment, and Recreation	1,489	1.4
Accommodation and Food Services	6,909	6.5
Other Services (except Public Administration)	3,400	3.2
Public Administration	5,449	5.1

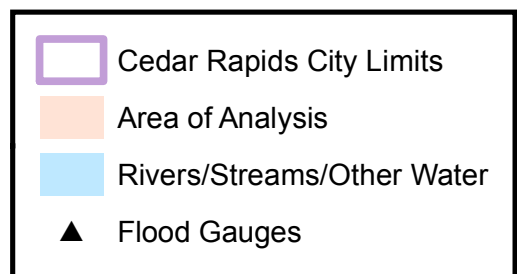
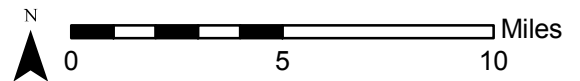
Characteristics of Resident-Workers Living in Area of Analysis around Des Moines

# Potential Flood Areas Near Cedar Rapids, Iowa



This map shows a potential flood analysis area surrounding Cedar Rapids, Iowa. The shaded area represents the Census Blocks that lie within 1/2 mile of any river, stream, or waterway near to Cedar Rapids. The following reports use this shaded region as the Area of Analysis. In and around Cedar Rapids, there are 3737 Census Blocks being used for the analysis. Gauge markers identify approximate locations of USGS river gauges.

The choice of parameters (any waterway within 5 miles of Cedar Rapids and any Census Block within 0.5 miles of those chosen waterways) are not fixed. **Any detailed geography that can be approximated by Census Blocks can be used for this analysis.**





<b>Employment in Impacted Blocks</b>	<b>Total for 2004</b>	<b>Share of All Jobs [%]</b>
All Jobs	88,458	100.0
Private Jobs	78,423	88.7
All Primary Jobs (Worker's highest paying job)	81,902	92.6
Private Primary Jobs	72,946	82.5

<b>Cities or Towns Where Workers Live</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Cedar Rapids, IA	34,358	42.0
Marion, IA	8,352	10.2
Hiawatha, IA	2,115	2.6
Iowa City, IA	1,578	1.9
Des Moines, IA	1,279	1.6
Davenport, IA	804	1.0
Waterloo, IA	728	0.9
Dubuque, IA	625	0.8
Robins, IA	619	0.8
Coralville, IA	616	0.8
Other	30,828	37.6

<b>Counties Where Workers Live</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Linn, IA	53,159	64.9
Johnson, IA	4,822	5.9
Benton, IA	3,648	4.5
Polk, IA	2,653	3.2
Jones, IA	1,788	2.2
Black Hawk, IA	1,252	1.5
Scott, IA	1,250	1.5
Dubuque, IA	1,008	1.2
Buchanan, IA	837	1.0
Cedar, IA	787	1.0
Other	10,698	13.1

Where Workers Employed in Area of Analysis  
around Cedar Rapids Live

States Where Workers Live	Total for 2004	Share of Primary Jobs [%]
Iowa	80,072	97.8
Illinois	596	0.7
California	155	0.2
Other	1,079	1.3

Where Workers Employed in Area of Analysis around Cedar Rapids Live

Workers by Age	Total for 2004	Share of Primary Jobs [%]
Age 30 or younger	23,220	28.4
Age 31 to 54	47,295	57.7
Age 55 or older	11,387	13.9

Workers by Earnings	Total for 2004	Share of Primary Jobs [%]
\$1,200 per month or less	19,218	23.5
\$1,201 to \$3,400 per month	34,513	42.1
More than \$3,400 per month	28,171	34.4

Workers by Industry Sector (2-digit NAICS)	Total for 2004	Share of Primary Jobs [%]
Agriculture, Forestry, Fishing and Hunting	48	0.1
Mining	103	0.1
Utilities	1,745	2.1
Construction	4,847	5.9
Manufacturing	9,890	12.1
Wholesale Trade	3,355	4.1
Retail Trade	10,090	12.3
Transportation and Warehousing	1,993	2.4
Information	5,131	6.3
Finance and Insurance	6,302	7.7
Real Estate and Rental and Leasing	1,794	2.2
Professional, Scientific, and Technical Services	3,292	4.0
Management of Companies and Enterprises	474	0.6
Administrative and Support and Waste Management and Remediation Services	7,048	8.6
Educational Services	5,899	7.2
Health Care and Social Assistance	7,198	8.8
Arts, Entertainment, and Recreation	828	1.0
Accommodation and Food Services	5,220	6.4
Other Services (except Public Administration)	2,866	3.5
Public Administration	3,779	4.6

Characteristics of Workers Employed in Area of Analysis around Cedar Rapids

<b>Resident-Held Jobs in Impacted Blocks</b>	<b>Total for 2004</b>	<b>Share of All Jobs [%]</b>
All Jobs	66,590	100.0
Private Jobs	57,917	87.0
All Primary Jobs (Worker's highest paying job)	61,747	92.7
Private Primary Jobs	53,809	80.8

<b>Cities or Towns Where Resident Workers are Employed</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Cedar Rapids, IA	37,418	60.6
Marion, IA	4,028	6.5
Iowa City, IA	3,089	5.0
Hiawatha, IA	2,125	3.4
Des Moines, IA	1,309	2.1
Davenport, IA	1,144	1.9
Coralville, IA	1,042	1.7
Waterloo, IA	720	1.2
West Des Moines, IA	510	0.8
Dubuque, IA	389	0.6
Other	9,973	16.2

<b>Counties Where Resident Workers are Employed</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Linn, IA	46,011	74.5
Johnson, IA	4,912	8.0
Polk, IA	2,725	4.4
Scott, IA	1,315	2.1
Black Hawk, IA	1,106	1.8
Iowa, IA	974	1.6
Dubuque, IA	489	0.8
Benton, IA	365	0.6
Jasper, IA	286	0.5
Story, IA	265	0.4
Other	3,299	5.3

Where Resident-Workers Living in Area of Analysis around Cedar Rapids are Employed (Within IA only)

<b>Resident Workers by Age</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Age 30 or younger	17,369	28.1
Age 31 to 54	35,043	56.8
Age 55 or older	9,335	15.1

<b>Resident Workers by Earnings</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
\$1,200 per month or less	14,603	23.6
\$1,201 to \$3,400 per month	25,601	41.5
More than \$3,400 per month	21,543	34.9

<b>Resident Workers by Industry Sector (2-digit NAICS).</b>	<b>Total for 2004</b>	<b>Share of Primary Jobs [%]</b>
Agriculture, Forestry, Fishing and Hunting	66	0.1
Mining	89	0.1
Utilities	942	1.5
Construction	3,338	5.4
Manufacturing	7,774	12.6
Wholesale Trade	2,568	4.2
Retail Trade	7,383	12.0
Transportation and Warehousing	1,872	3.0
Information	3,385	5.5
Finance and Insurance	4,403	7.1
Real Estate and Rental and Leasing	1,293	2.1
Professional, Scientific, and Technical Services	2,193	3.6
Management of Companies and Enterprises	327	0.5
Administrative and Support and Waste Management and Remediation Services	4,253	6.9
Educational Services	5,549	9.0
Health Care and Social Assistance	6,753	10.9
Arts, Entertainment, and Recreation	600	1.0
Accommodation and Food Services	4,355	7.1
Other Services (except Public Administration)	2,038	3.3
Public Administration	2,566	4.2

Characteristics of Resident-Workers Living in Area of Analysis around Cedar Rapids