Iowa Environmental Public Health Tracking Network

Nationally Consistent Data Measures for Acute Myocardial Infarction

County Level Hospitalizations Year 2000

This report uses data collected by hospitals. It can be used to identify trends and patterns in the occurrence of Acute Myocardial Infarction (AMI) hospitalizations across time and space.

The Hospitalization data used does not include Iowa residents hospitalized in federally operated military or Veterans Administration facilities or facilities outside of Iowa.

Rates are age-adjusted using the direct method to the 2000 US Standard Population.

Presented below are data that represent the nationally consistent data measures related to Hospitalizations for Acute Myocardial Infarction (AMI) in Iowa for the Year 2000:

1. The first set of tables, graphs, and map display on pages 2-8
    - The case counts for hospitalizations for AMI at the County level for all ages
    - The age adjusted rate per 10,000 population of hospitalization for AMI at the County level among individuals age 35 and older
2. The second set of tables and graphs display on pages 9-14
    - The crude rate per 10,000 population of hospitalizations for AMI at the County level for three age groups
        - Ages 35-64
        - Ages 65 and above
        - Ages 35 and above

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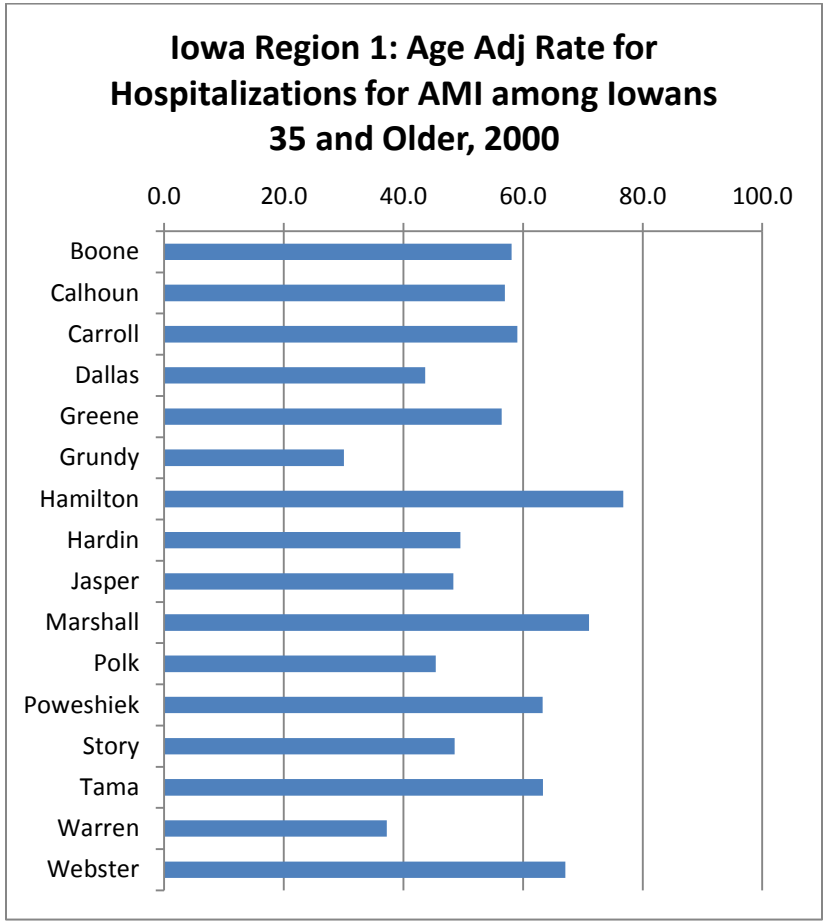
1. Annual case counts for all ages and Age-adjusted incidence rates for individuals age 35 and older for Hospitalizations for AMI at the County level by Public Health Region.

Region 1

Region 1: Incidence of Hospitalizations for AMI, 2000		
County	Cases All Ages	Age Adj Rate cases age 35 and over per 10,000 population
Boone	96	58.1
Calhoun	50	57.0
Carroll	81	59.0
Dallas	84	43.6
Greene	43	56.5
Grundy	26	30.0
Hamilton	81	76.8
Hardin	72	49.5
Jasper	106	48.3
Marshall	169	71.0
Polk	815	45.4
Poweshiek	74	63.3
Story	154	48.6
Tama	73	63.3
Warren	75	37.2
Webster	169	67.1
State of Iowa	7505	45.3



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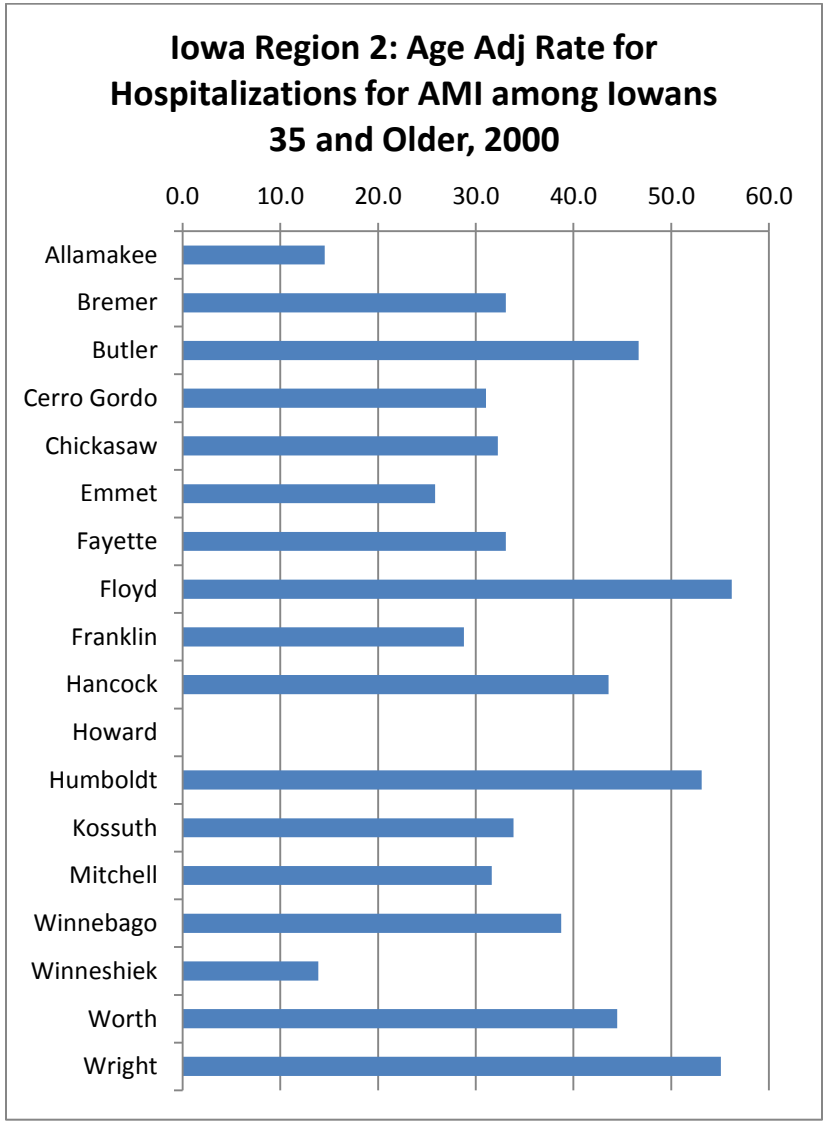
Region 2

Region 2: Incidence of Hospitalizations for AMI, 2000		
County	**Cases**	**Age Adj Rate per 10,000 population**
Allamakee	15	14.5
Bremer	46	33.1
Butler	52	46.7
Cerro Gordo	95	31.0
Chickasaw	27	32.3
Emmet	21	25.8
Fayette	46	33.1
Floyd	65	56.2
Franklin	21	28.8
Hancock	36	43.6
Howard	<10	Suppressed
Humboldt	38	53.1
Kossuth	41	33.9
Mitchell	22	31.7
Winnebago	30	38.7
Winneshiek	17	13.9
Worth	24	44.5
Wright	57	55.1
State of Iowa	7505	45.3



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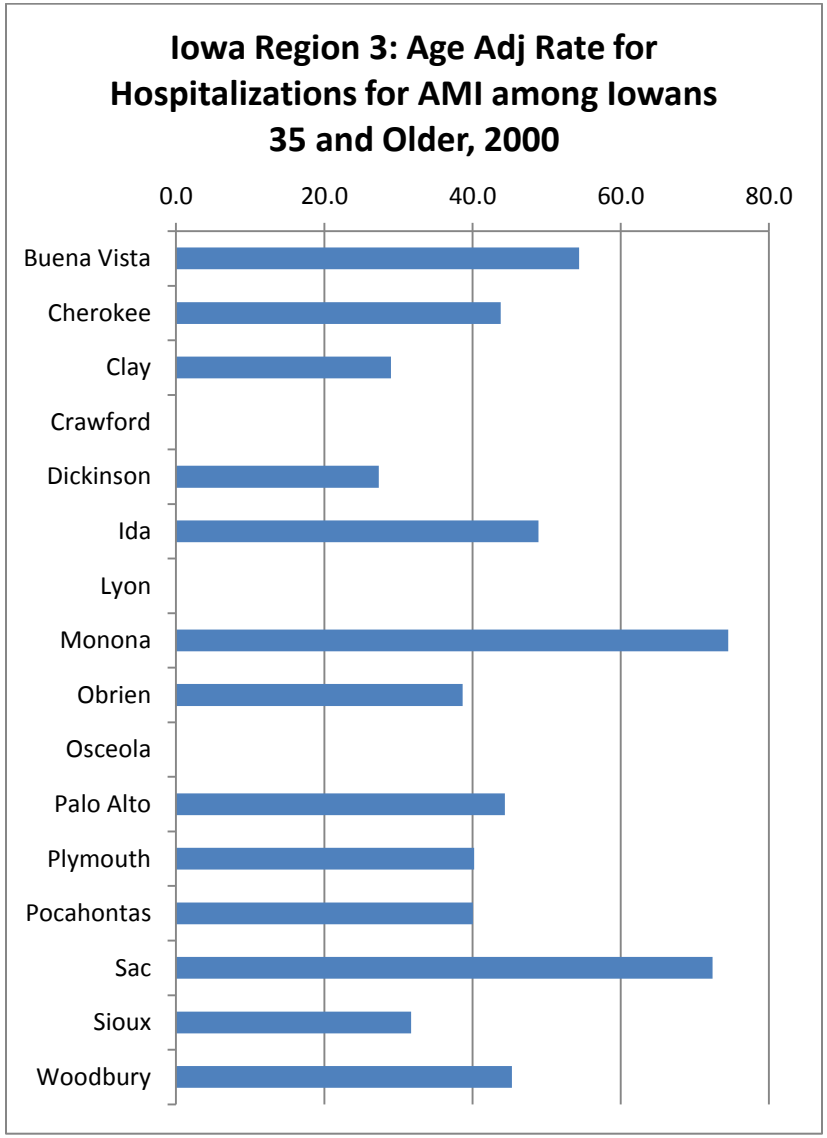
Region 3

Region 3: Incidence of Hospitalizations for AMI, 2000		
County	**Cases**	**Age Adj Rate per 10,000 population**
Buena Vista	66	54.4
Cherokee	40	43.8
Clay	34	29.0
Crawford	<10	Suppressed
Dickinson	36	27.4
Ida	29	48.9
Lyon	<10	Suppressed
Monona	59	74.5
Obrien	40	38.6
Osceola	<10	Suppressed
Palo Alto	34	44.4
Plymouth	60	40.2
Pocahontas	25	40.0
Sac	60	72.4
Sioux	57	31.7
Woodbury	245	45.3
State of Iowa	7505	45.3



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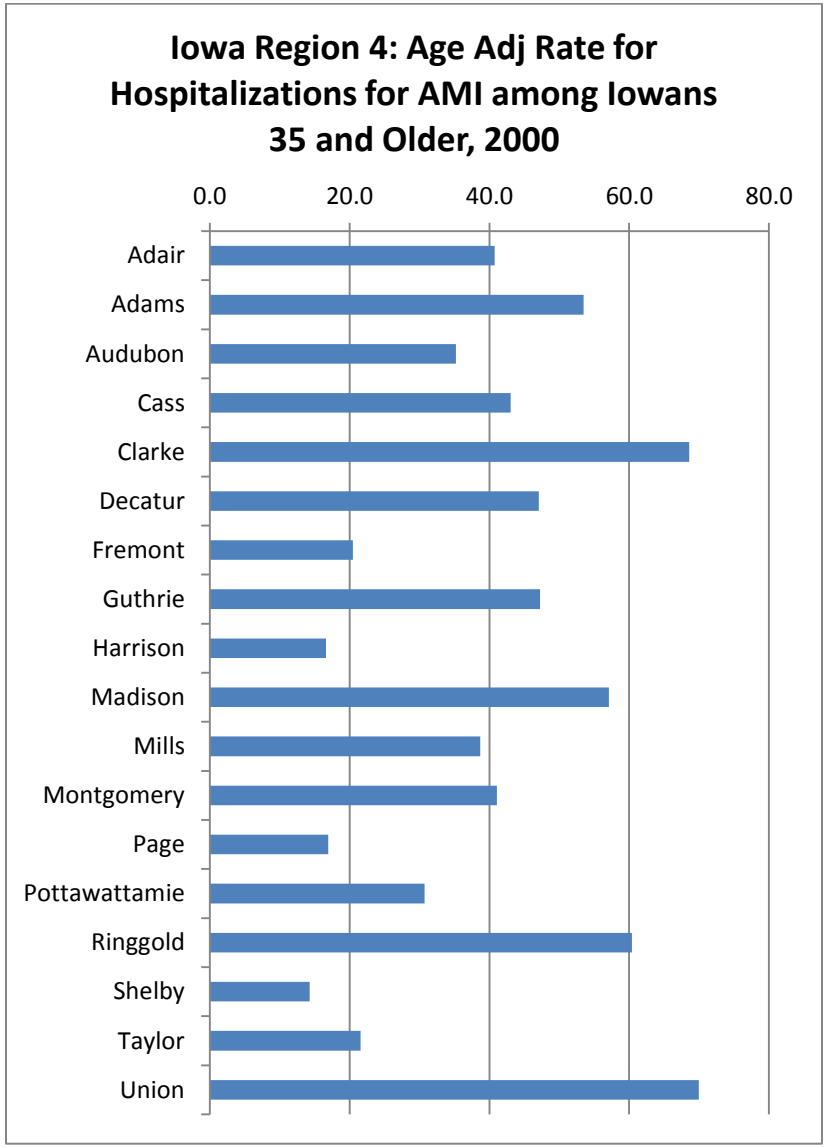
Region 4

Region 4: Incidence of Hospitalizations for AMI, 2000		
County	**Cases**	**Age Adj Rate per 10,000 population**
Adair	27	40.8
Adams	18	53.5
Audubon	18	35.2
Cass	48	43.0
Clarke	40	68.6
Decatur	25	47.1
Fremont	12	20.5
Guthrie	40	47.2
Harrison	17	16.6
Madison	46	57.1
Mills	30	38.7
Montgomery	35	41.1
Page	20	16.9
Pottawattamie	145	30.8
Ringgold	27	60.4
Shelby	13	14.3
Taylor	11	21.6
Union	55	69.9
State of Iowa	7505	45.3



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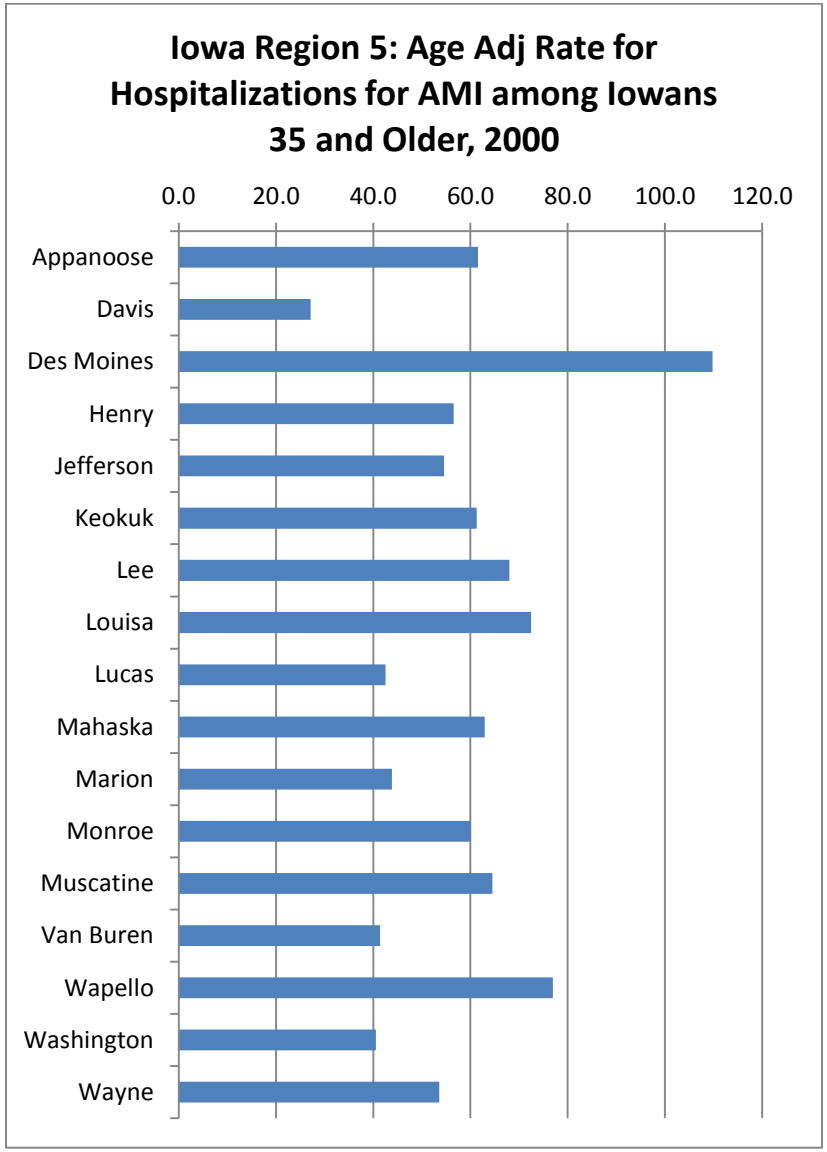
Region 5

Region 5: Incidence of Hospitalizations for AMI, 2000		
County	**Cases**	**Age Adj Rate per 10,000 population**
Appanoose	63	61.6
Davis	13	27.1
Des Moines	283	109.8
Henry	66	56.5
Jefferson	50	54.6
Keokuk	48	61.3
Lee	160	68.0
Louisa	48	72.5
Lucas	24	42.5
Mahaska	87	62.9
Marion	82	43.8
Monroe	30	60.1
Muscatine	140	64.5
Van Buren	22	41.4
Wapello	171	76.9
Washington	56	40.5
Wayne	30	53.6
State of Iowa	7505	45.3



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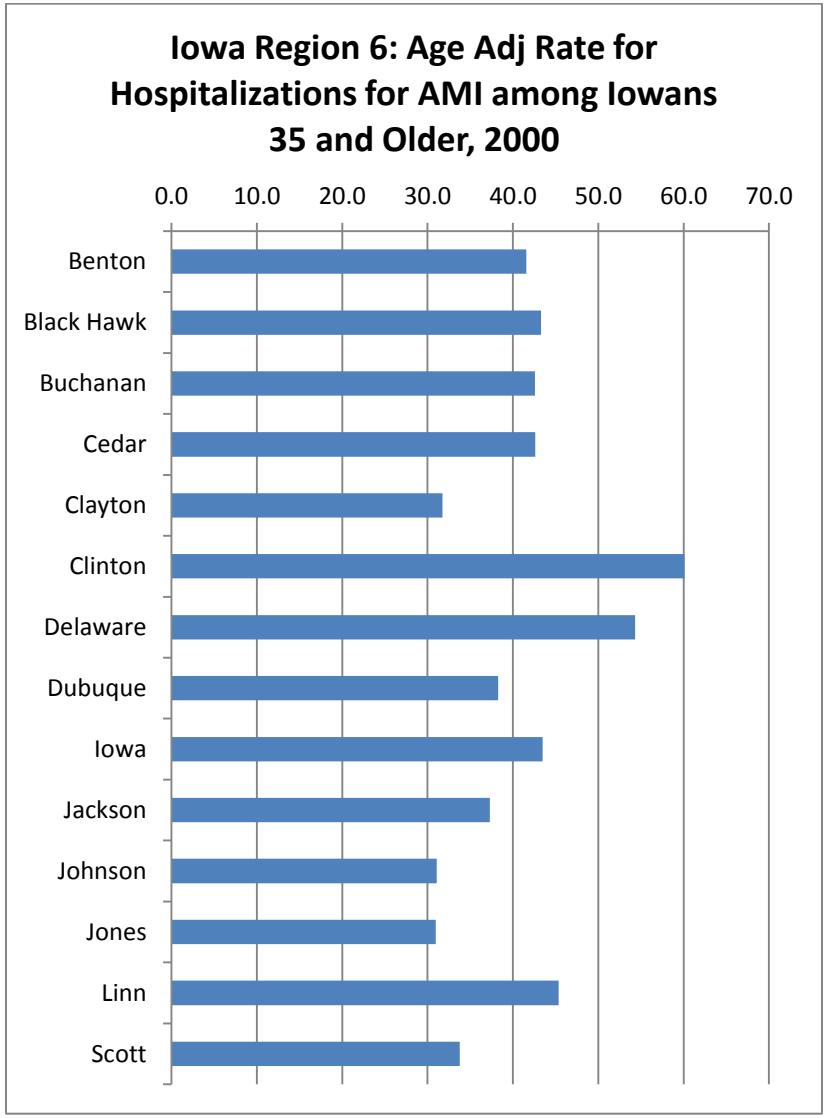
Region 6

Region 6: Incidence of Hospitalizations for AMI, 2000		
County	**Cases**	**Age Adj Rate per 10,000 population**
Benton	60	41.6
Black Hawk	291	43.3
Buchanan	51	42.6
Cedar	48	42.6
Clayton	39	31.7
Clinton	178	60.1
Delaware	58	54.3
Dubuque	191	38.3
Iowa	43	43.5
Jackson	48	37.3
Johnson	120	31.1
Jones	39	31.0
Linn	439	45.4
Scott	266	33.8
State of Iowa	7505	45.3



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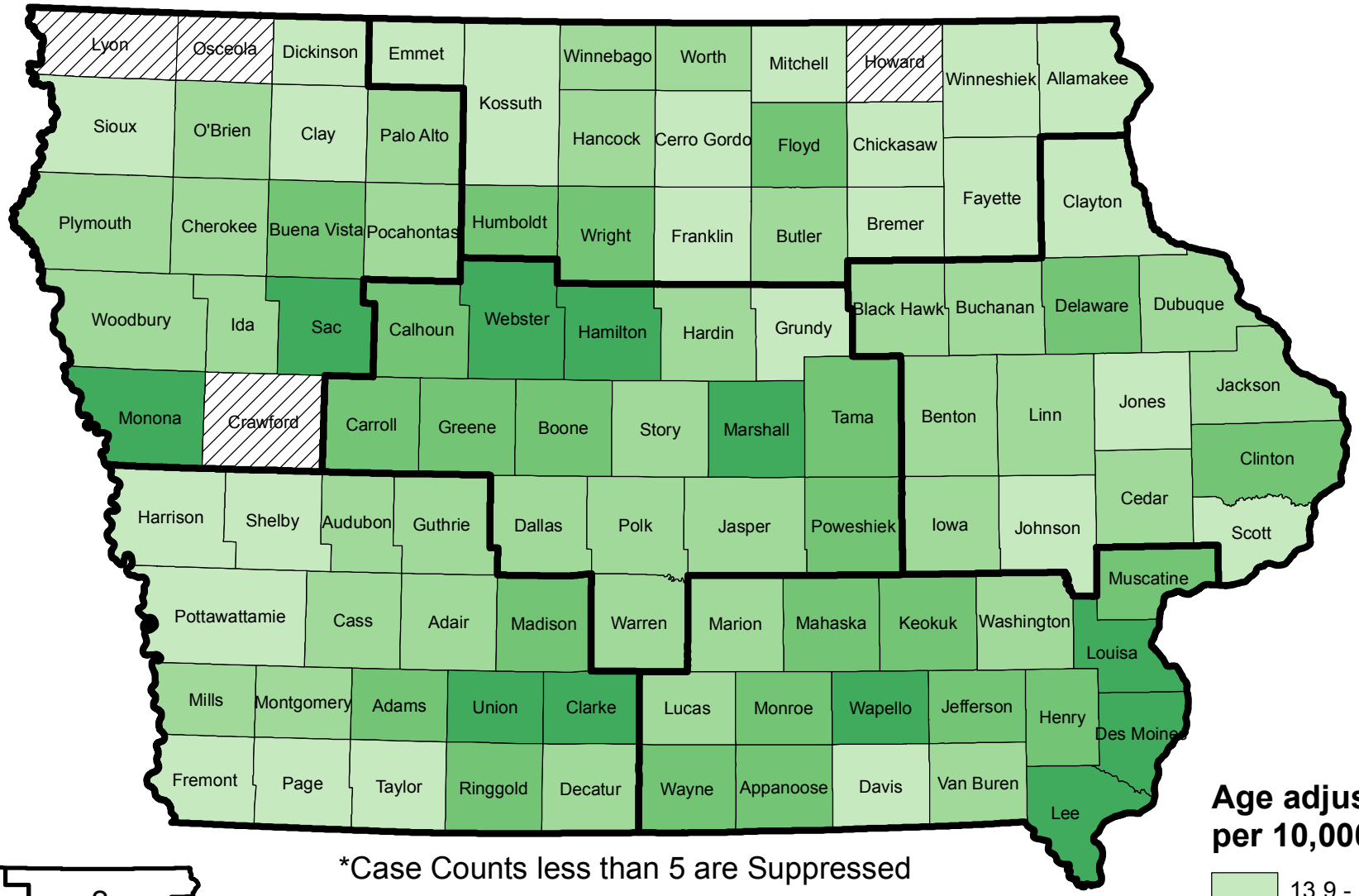
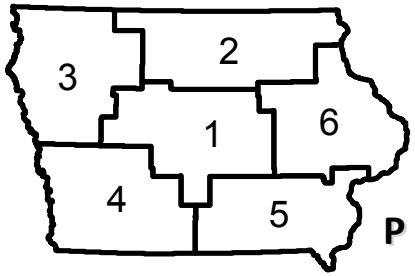
Incidence of Acute Myocardial Infarction Hospitalizations: 2000



*Case Counts less than 5 are Suppressed



Public Health Regions

Age adjusted rate per 10,000 population

- 13.9 - 33.9
- 34.0 - 49.5
- 49.6 - 64.5
- 64.6 - 109.8
- Suppressed

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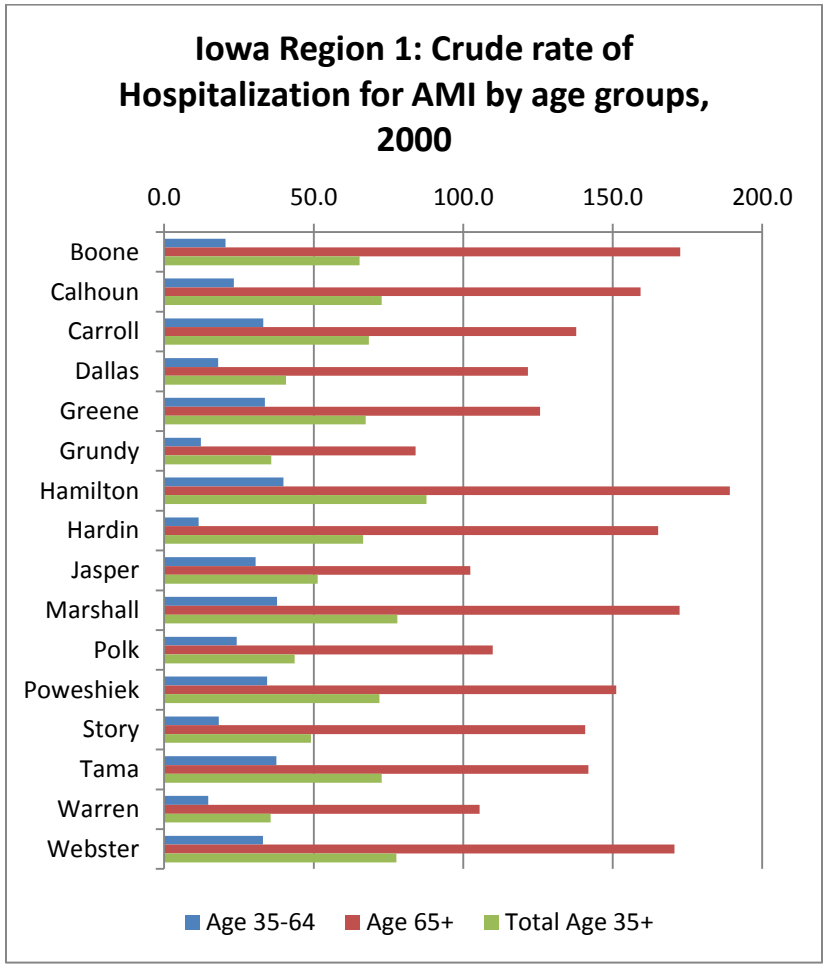
2. Crude rates of Hospitalization for AMI for three age groups at the County level by Public Health Region.

Region 1

Region 1: Crude Incidence Rate of Hospitalizations for AMI, 2000			
County	**Age 35-64**	**Age 65+**	**Total Age 35+**
Boone	20.5	172.6	65.4
Calhoun	23.3	159.3	72.7
Carroll	33.2	137.8	68.5
Dallas	18.0	121.6	40.7
Greene	33.7	125.7	67.4
Grundy	12.3	84.1	35.8
Hamilton	39.8	189.2	87.7
Hardin	11.5	165.2	66.6
Jasper	30.6	102.4	51.3
Marshall	37.7	172.3	78.0
Polk	24.2	109.9	43.6
Poweshiek	34.4	151.2	72.0
Story	18.3	140.8	49.1
Tama	37.5	141.9	72.7
Warren	14.8	105.5	35.6
Webster	33.0	170.7	77.6
State of Iowa	22.6	114.2	48.7



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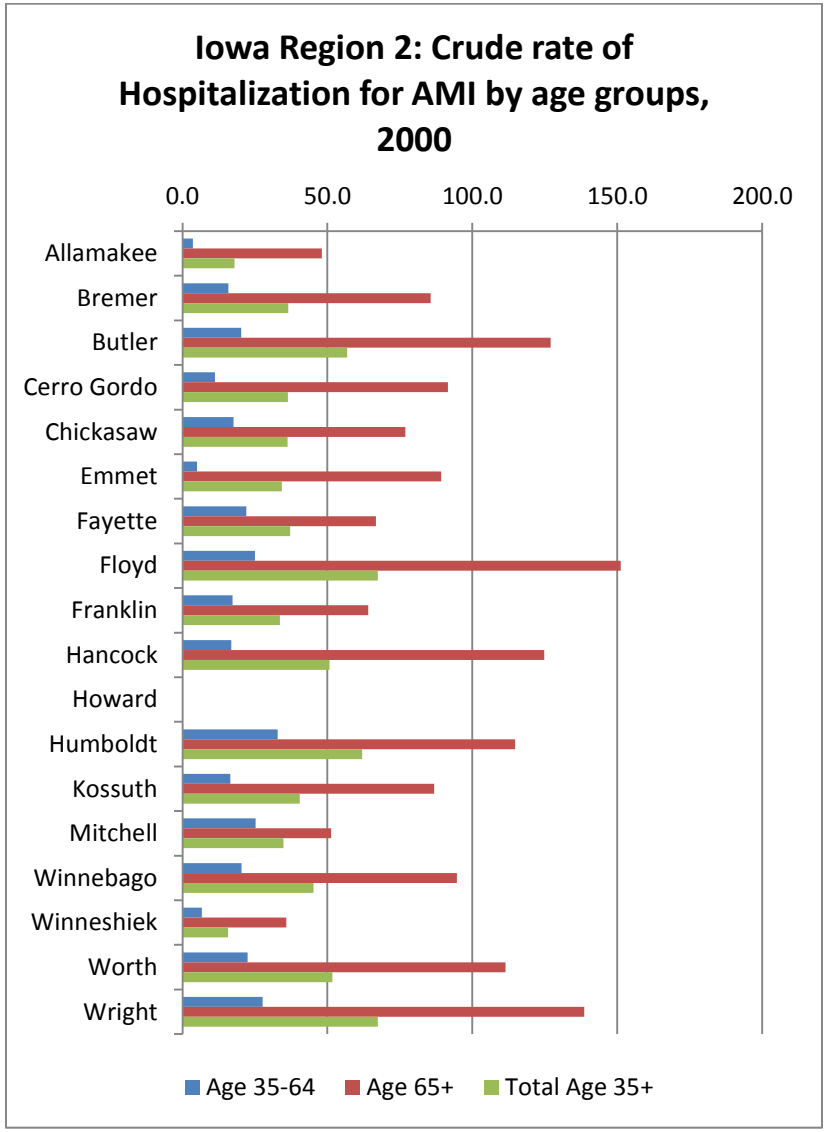
Region 2

Region 2: Crude Incidence Rate of Hospitalizations for AMI, 2000			
County	**Age 35-64**	**Age 65+**	**Total Age 35+**
Allamakee	3.5	48.1	17.9
Bremer	15.8	85.6	36.5
Butler	20.3	127.0	56.8
Cerro Gordo	11.2	91.5	36.4
Chickasaw	17.6	76.9	36.2
Emmet	5.0	89.3	34.2
Fayette	22.0	66.7	37.2
Floyd	25.0	151.1	67.4
Franklin	17.2	64.0	33.6
Hancock	16.9	124.8	50.7
Howard	Suppressed	Suppressed	Suppressed
Humboldt	32.8	114.8	61.9
Kossuth	16.5	86.8	40.5
Mitchell	25.2	51.3	34.9
Winnebago	20.4	94.6	45.2
Winneshiek	6.7	35.9	15.7
Worth	22.5	111.5	51.7
Wright	27.6	138.6	67.4
State of Iowa	22.6	114.2	48.7



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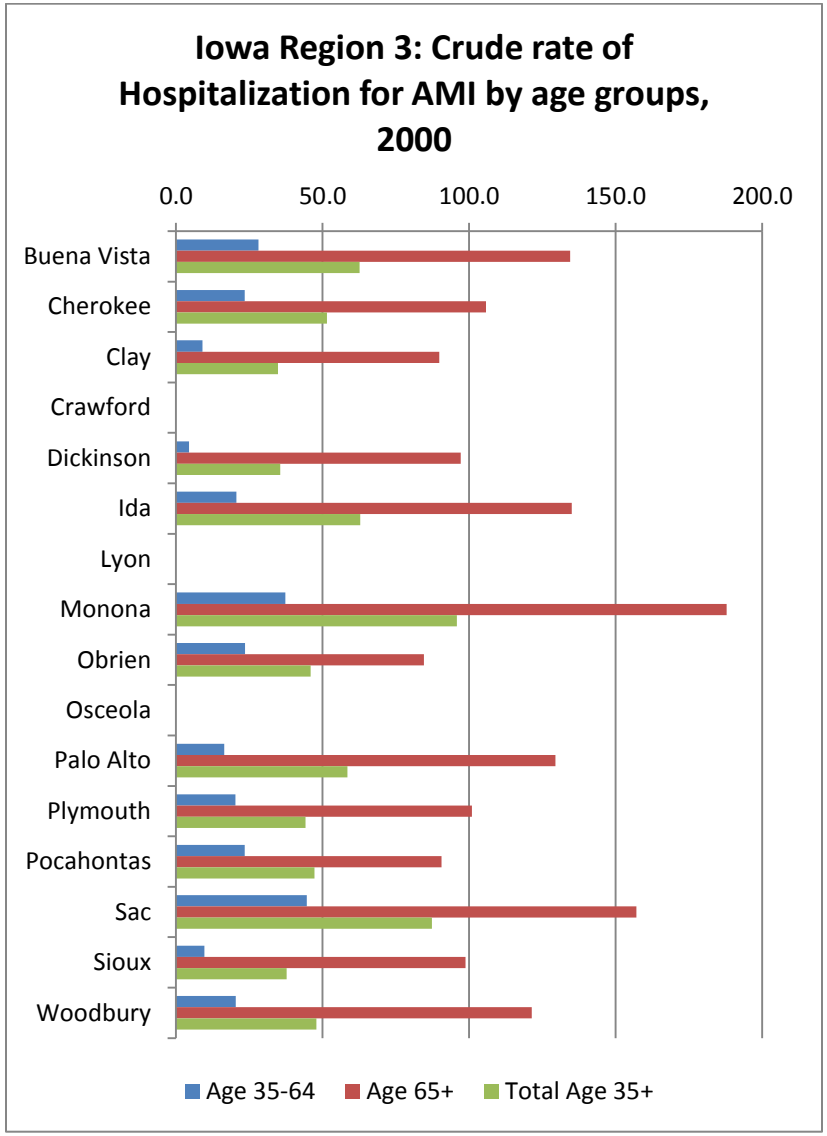
Region 3

Region 3: Crude Incidence Rate of Hospitalizations for AMI, 2000			
County	**Age 35-64**	**Age 65+**	**Total Age 35+**
Buena Vista	28.1	134.5	62.6
Cherokee	23.4	105.7	51.5
Clay	9.0	89.8	34.8
Crawford	Suppressed	Suppressed	Suppressed
Dickinson	4.5	97.1	35.5
Ida	20.6	135.0	62.9
Lyon	Suppressed	Suppressed	Suppressed
Monona	37.2	187.8	95.9
Obrien	23.6	84.5	45.9
Osceola	Suppressed	Suppressed	Suppressed
Palo Alto	16.4	129.4	58.4
Plymouth	20.2	101.0	44.2
Pocahontas	23.5	90.5	47.3
Sac	44.6	157.0	87.3
Sioux	9.7	98.8	37.8
Woodbury	20.3	121.4	47.9
State of Iowa	22.6	114.2	48.7



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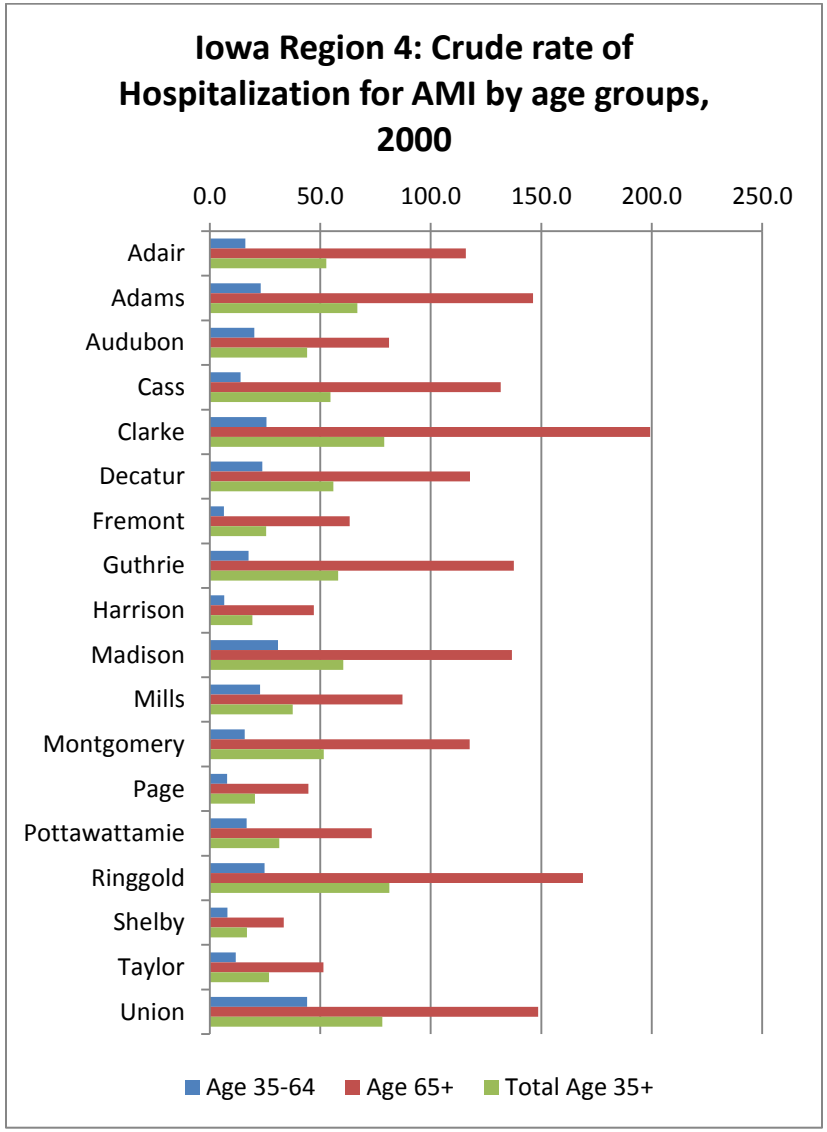
Region 4

Region 4: Crude Incidence Rate of Hospitalizations for AMI, 2000			
County	**Age 35-64**	**Age 65+**	**Total Age 35+**
Adair	16.1	115.9	52.8
Adams	23.0	146.3	66.8
Audubon	20.1	81.2	44.1
Cass	13.9	131.6	54.7
Clarke	25.7	199.2	79.0
Decatur	23.8	117.8	56.0
Fremont	6.4	63.3	25.5
Guthrie	17.6	137.6	58.1
Harrison	6.6	47.1	19.3
Madison	30.9	136.7	60.4
Mills	22.8	87.1	37.6
Montgomery	15.9	117.6	51.6
Page	7.8	44.6	20.5
Pottawattamie	16.8	73.4	31.5
Ringgold	24.8	168.8	81.3
Shelby	8.0	33.5	16.9
Taylor	11.8	51.4	26.8
Union	44.1	148.5	78.0
State of Iowa	22.6	114.2	48.7



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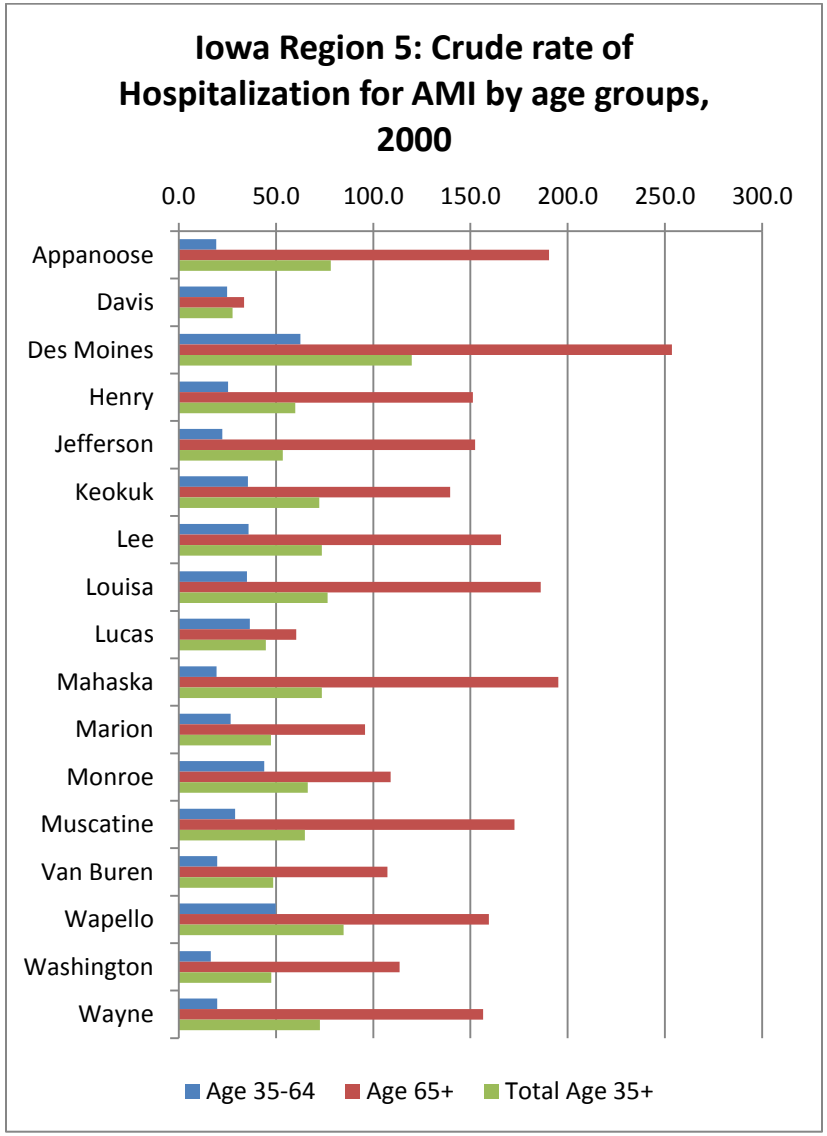
Region 5

Region 5: Crude Incidence Rate of Hospitalizations for AMI, 2000			
County	**Age 35-64**	**Age 65+**	**Total Age 35+**
Appanoose	19.2	190.3	78.2
Davis	25.0	33.7	27.7
Des Moines	62.5	253.6	119.9
Henry	25.4	151.2	60.0
Jefferson	22.5	152.3	53.5
Keokuk	35.6	139.5	72.2
Lee	35.9	165.7	73.7
Louisa	35.1	186.0	76.5
Lucas	36.7	60.4	44.7
Mahaska	19.5	195.1	73.5
Marion	26.8	95.8	47.5
Monroe	44.0	109.0	66.4
Muscatine	29.0	172.6	64.9
Van Buren	19.7	107.4	48.5
Wapello	49.8	159.4	84.8
Washington	16.5	113.6	47.6
Wayne	19.7	156.5	72.7
State of Iowa	22.6	114.2	48.7



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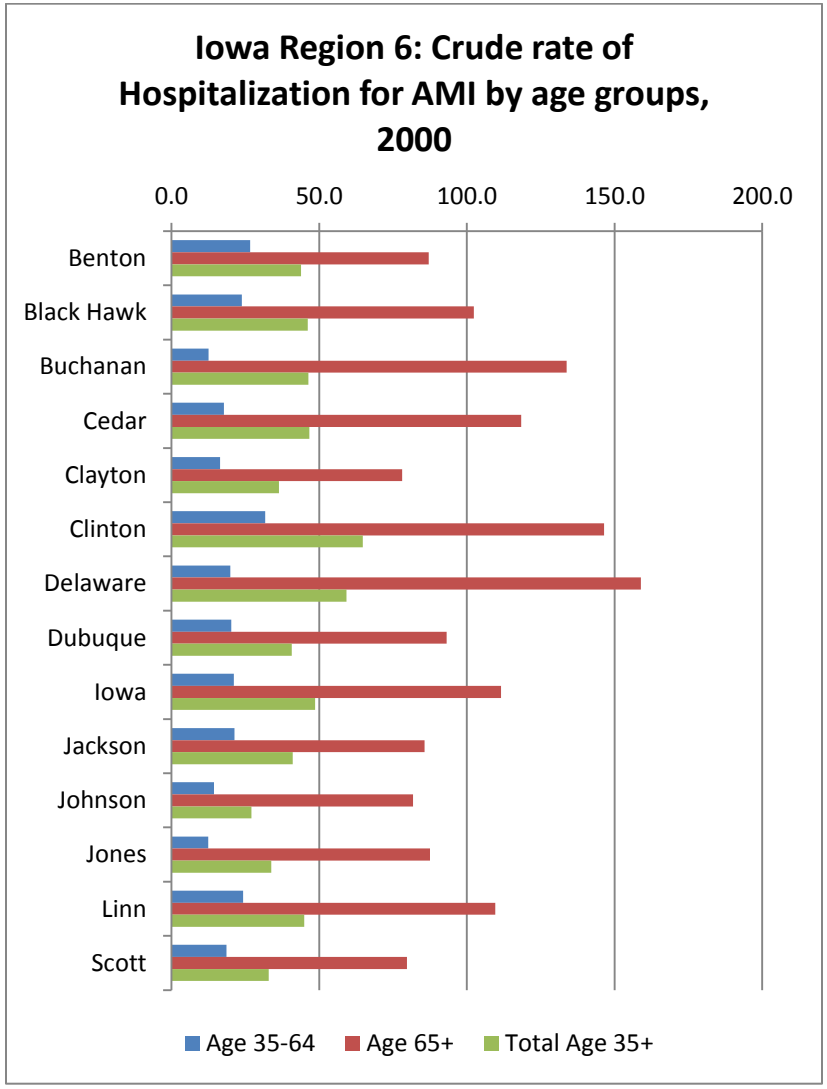
Region 6

Region 6: Crude Incidence Rate of Hospitalizations for AMI, 2000			
County	**Age 35-64**	**Age 65+**	**Total Age 35+**
Benton	26.6	87.1	43.9
Black Hawk	23.9	102.3	46.1
Buchanan	12.6	133.8	46.3
Cedar	17.7	118.4	46.6
Clayton	16.5	78.1	36.3
Clinton	31.7	146.4	64.8
Delaware	19.9	159.0	59.2
Dubuque	20.2	93.1	40.7
Iowa	21.1	111.6	48.6
Jackson	21.4	85.7	41.0
Johnson	14.4	81.8	27.0
Jones	12.4	87.5	33.8
Linn	24.3	109.6	45.0
Scott	18.7	79.7	32.9
State of Iowa	22.6	114.2	48.7



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