Iowa Environmental Public Health Tracking Network

Nationally Consistent Data Measures for Acute Myocardial Infarction

County Level Hospitalizations Year 2006

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 2006:

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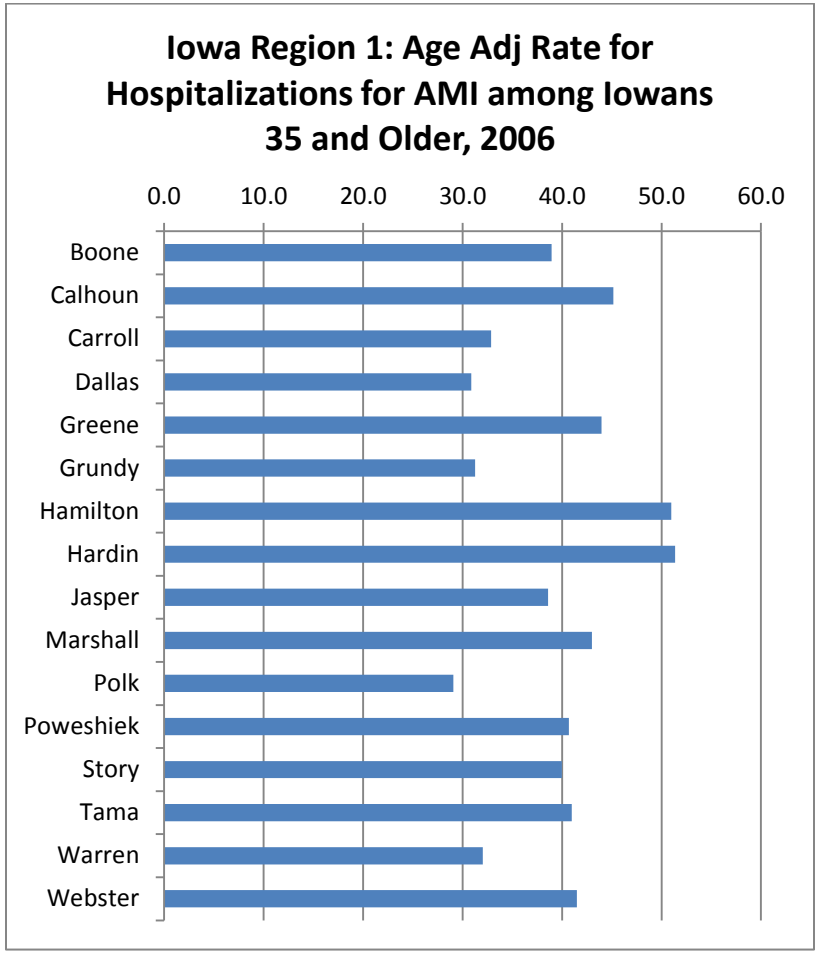
1. Annual case counts for all ages and Age-adjusted incidence rates for individuals age 35 and older for Hospitalizations for AMI at the County level by Public Health Region.

Region 1

Region 1: Incidence of Hospitalizations for AMI, 2006		
County	Cases All Ages	Age Adj Rate cases age 35 and over per 10,000 population
Boone	60	38.9
Calhoun	35	45.2
Carroll	46	32.9
Dallas	68	30.9
Greene	29	43.9
Grundy	26	31.3
Hamilton	52	51.0
Hardin	63	51.4
Jasper	86	38.6
Marshall	102	43.0
Polk	572	29.1
Poweshiek	48	40.7
Story	136	40.0
Tama	44	41.0
Warren	75	32.0
Webster	98	41.5
State of Iowa	6203	37.0



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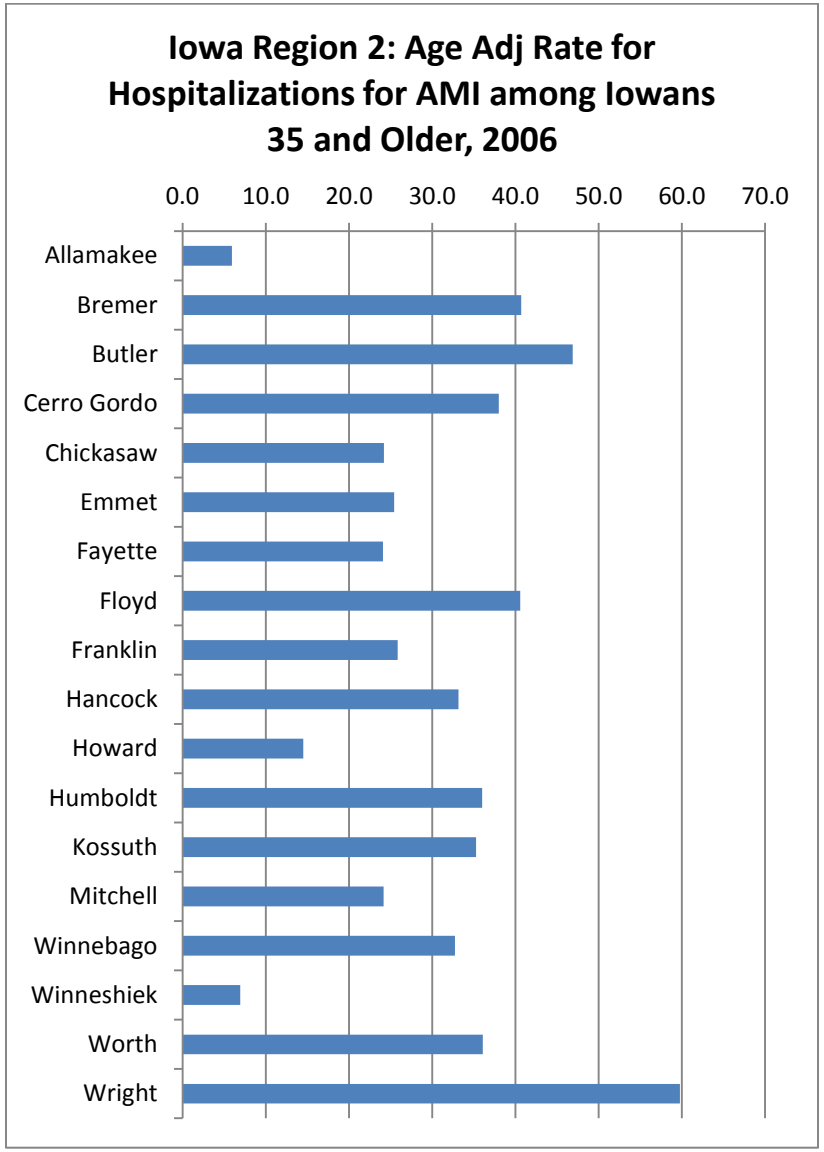
Region 2

Region 2: Incidence of Hospitalizations for AMI, 2006		
County	**Cases**	**Age Adj Rate per 10,000 population**
Allamakee	6	5.9
Bremer	58	40.7
Butler	46	46.9
Cerro Gordo	106	38.0
Chickasaw	19	24.2
Emmet	20	25.4
Fayette	36	24.1
Floyd	46	40.6
Franklin	17	25.8
Hancock	25	33.2
Howard	10	14.5
Humboldt	25	36.0
Kossuth	40	35.3
Mitchell	18	24.2
Winnebago	23	32.8
Winneshiek	9	6.9
Worth	18	36.1
Wright	54	59.8
State of Iowa	6203	37.0



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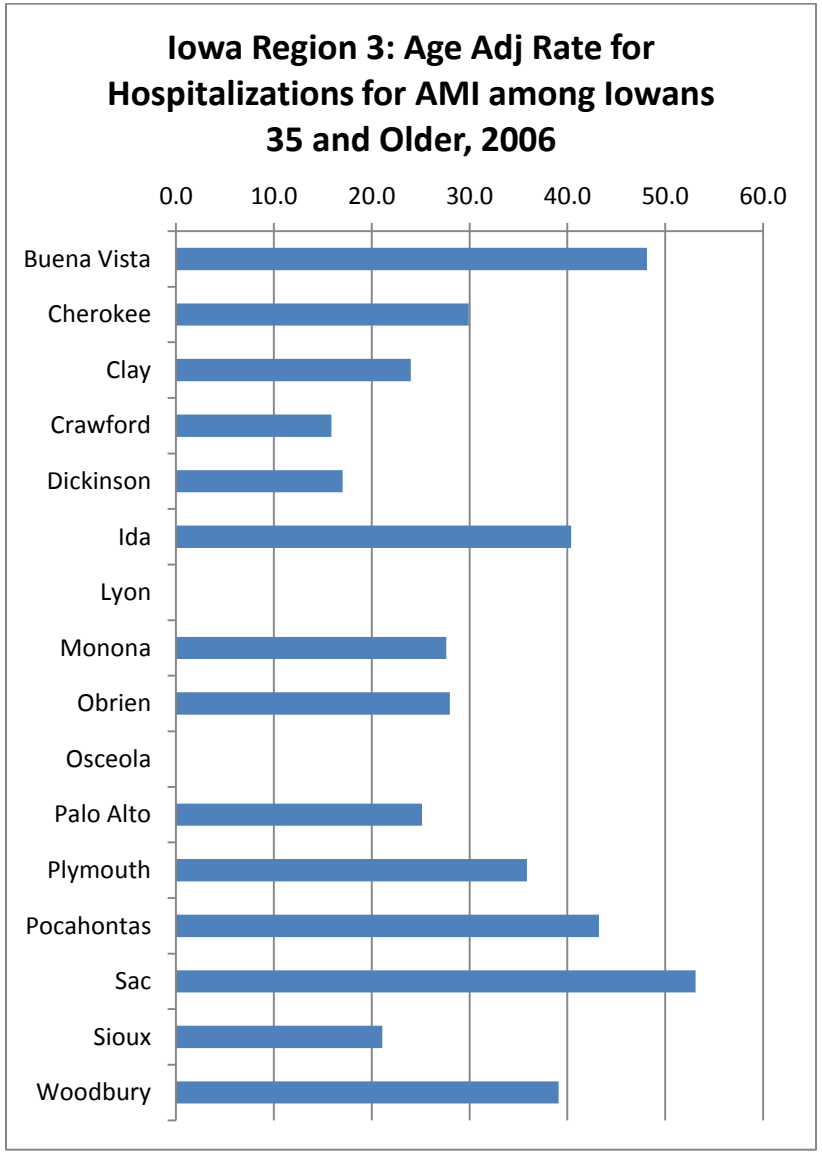
Region 3

Region 3: Incidence of Hospitalizations for AMI, 2006		
County	**Cases**	**Age Adj Rate per 10,000 population**
Buena Vista	55	48.1
Cherokee	27	29.9
Clay	28	24.0
Crawford	16	15.9
Dickinson	22	17.0
Ida	21	40.4
Lyon	<5	Suppressed
Monona	18	27.6
Obrien	30	28.0
Osceola	<5	Suppressed
Palo Alto	19	25.1
Plymouth	52	35.9
Pocahontas	27	43.2
Sac	43	53.1
Sioux	38	21.1
Woodbury	203	39.1
State of Iowa	6203	37.0



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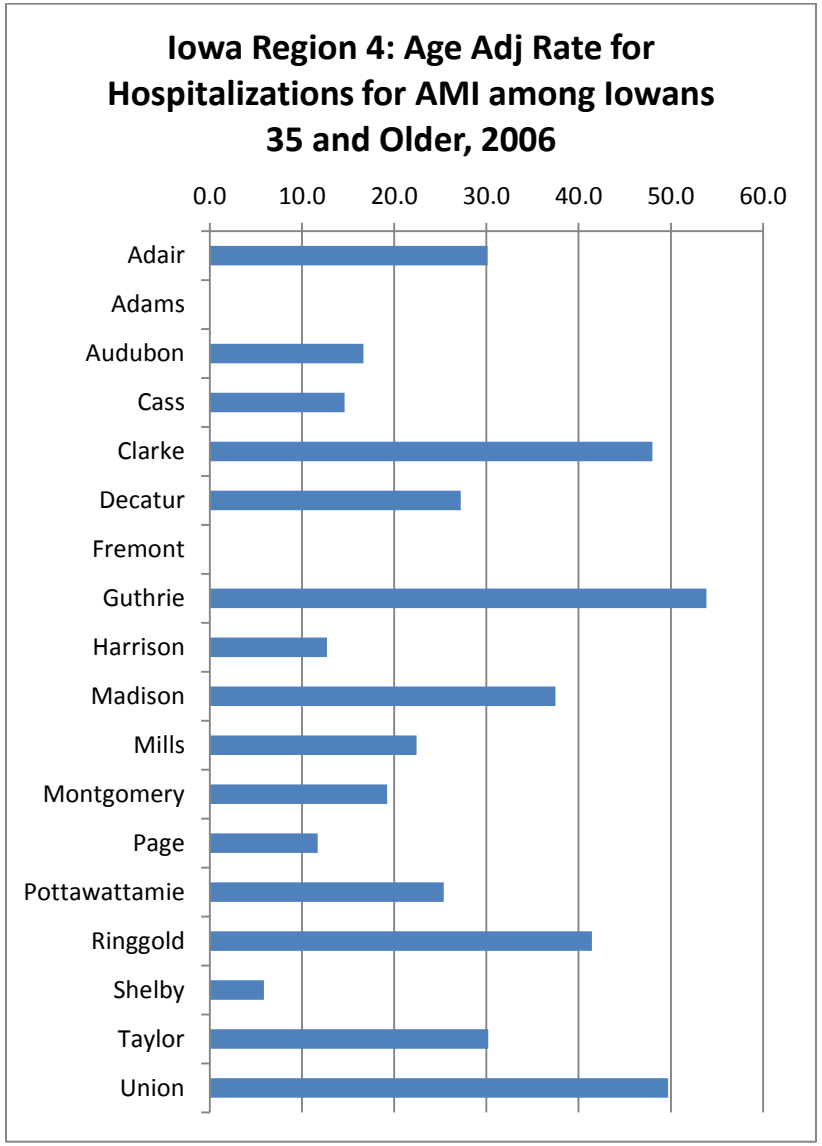
Region 4

Region 4: Incidence of Hospitalizations for AMI, 2006		
County	**Cases**	**Age Adj Rate per 10,000 population**
Adair	18	30.1
Adams	<5	Suppressed
Audubon	8	16.7
Cass	17	14.6
Clarke	27	48.0
Decatur	13	27.2
Fremont	<5	Suppressed
Guthrie	42	53.9
Harrison	13	12.7
Madison	32	37.5
Mills	18	22.4
Montgomery	16	19.2
Page	14	11.7
Pottawattamie	123	25.4
Ringgold	15	41.4
Shelby	6	5.9
Taylor	13	30.2
Union	39	49.7
State of Iowa	6203	37.0



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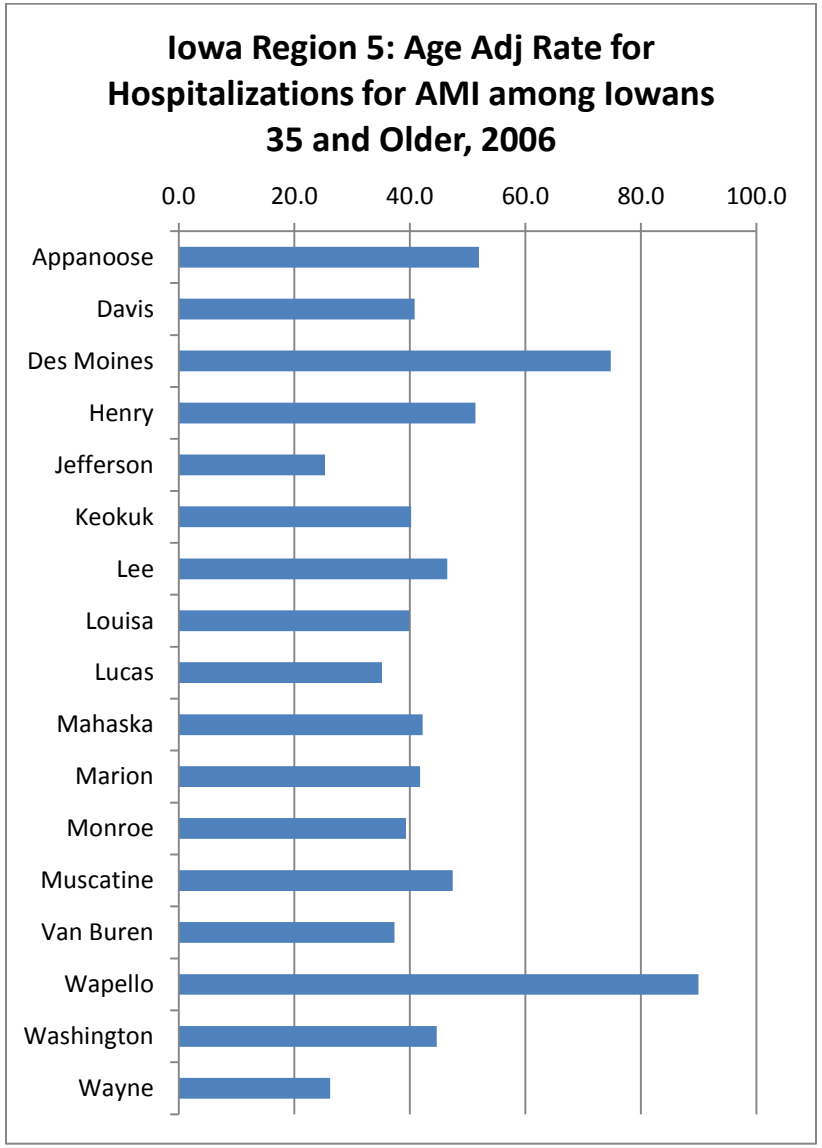
Region 5

Region 5: Incidence of Hospitalizations for AMI, 2006		
County	**Cases**	**Age Adj Rate per 10,000 population**
Appanoose	47	52.0
Davis	22	40.9
Des Moines	189	74.8
Henry	61	51.4
Jefferson	23	25.4
Keokuk	29	40.2
Lee	107	46.5
Louisa	27	39.9
Lucas	22	35.2
Mahaska	54	42.2
Marion	82	41.8
Monroe	20	39.4
Muscatine	105	47.5
Van Buren	20	37.3
Wapello	195	90.0
Washington	59	44.7
Wayne	15	26.2
State of Iowa	6203	37.0



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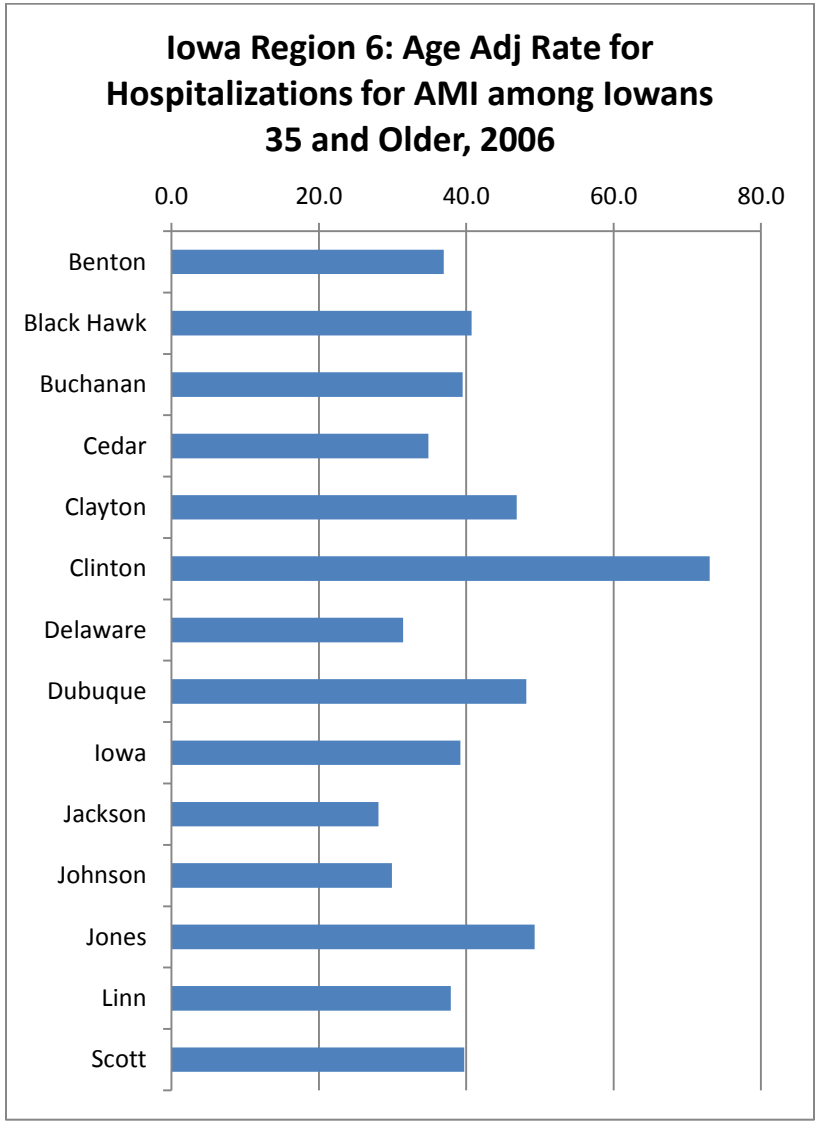
Region 6

Region 6: Incidence of Hospitalizations for AMI, 2006		
County	**Cases**	**Age Adj Rate per 10,000 population**
Benton	56	37.0
Black Hawk	275	40.7
Buchanan	46	39.5
Cedar	39	34.9
Clayton	56	46.9
Clinton	224	73.0
Delaware	34	31.4
Dubuque	256	48.2
Iowa	39	39.2
Jackson	38	28.1
Johnson	134	29.9
Jones	60	49.3
Linn	396	37.9
Scott	334	39.7
State of Iowa	6203	37.0



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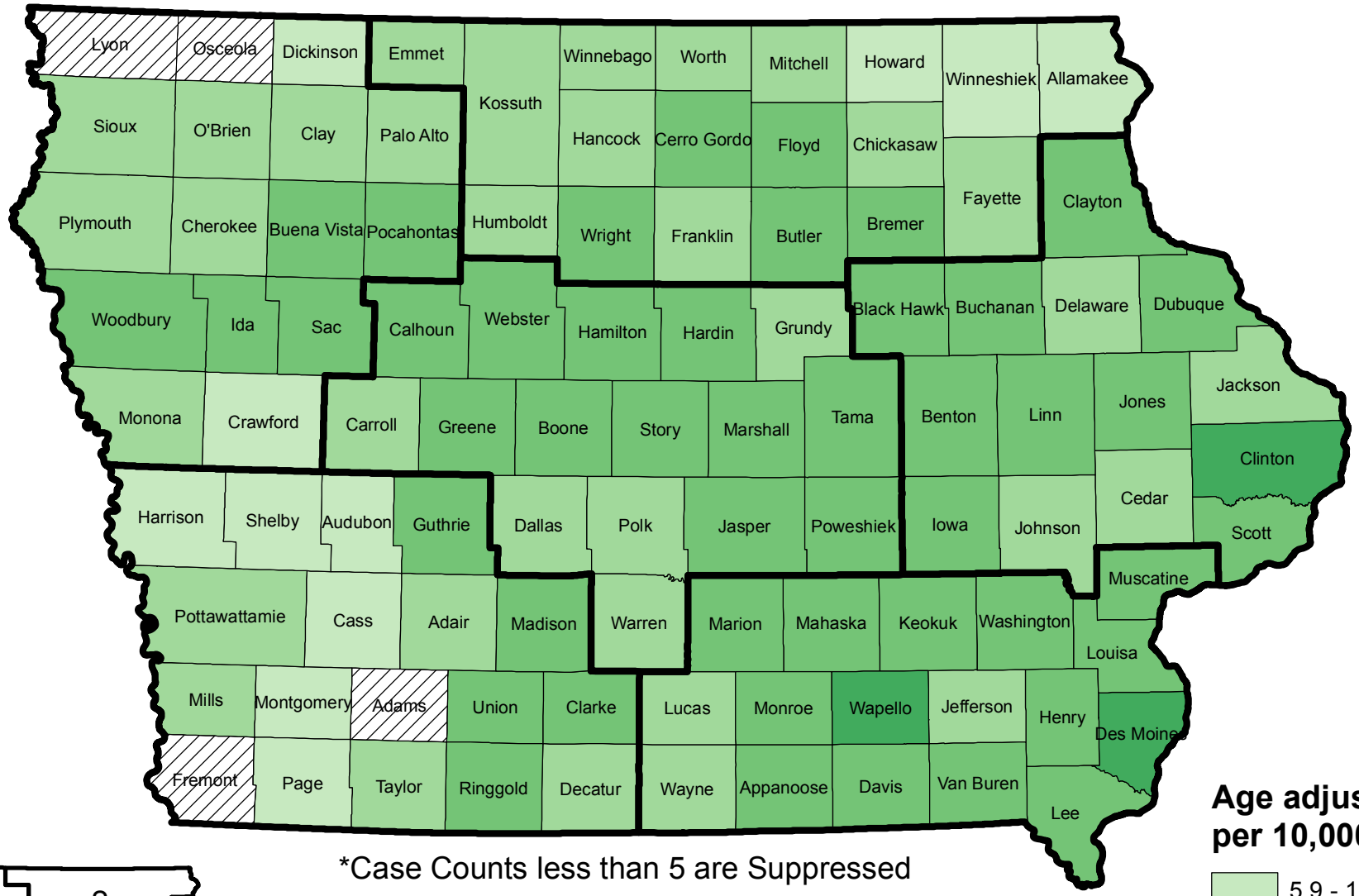
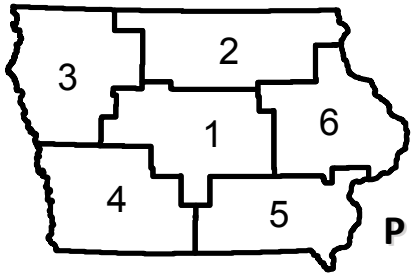
Incidence of Acute Myocardial Infarction Hospitalizations: 2006



*Case Counts less than 5 are Suppressed



Public Health Regions

Age adjusted rate per 10,000 population

- 5.9 - 19.2
- 19.3 - 36.1
- 36.2 - 59.8
- 59.9 - 90.0
- Suppressed

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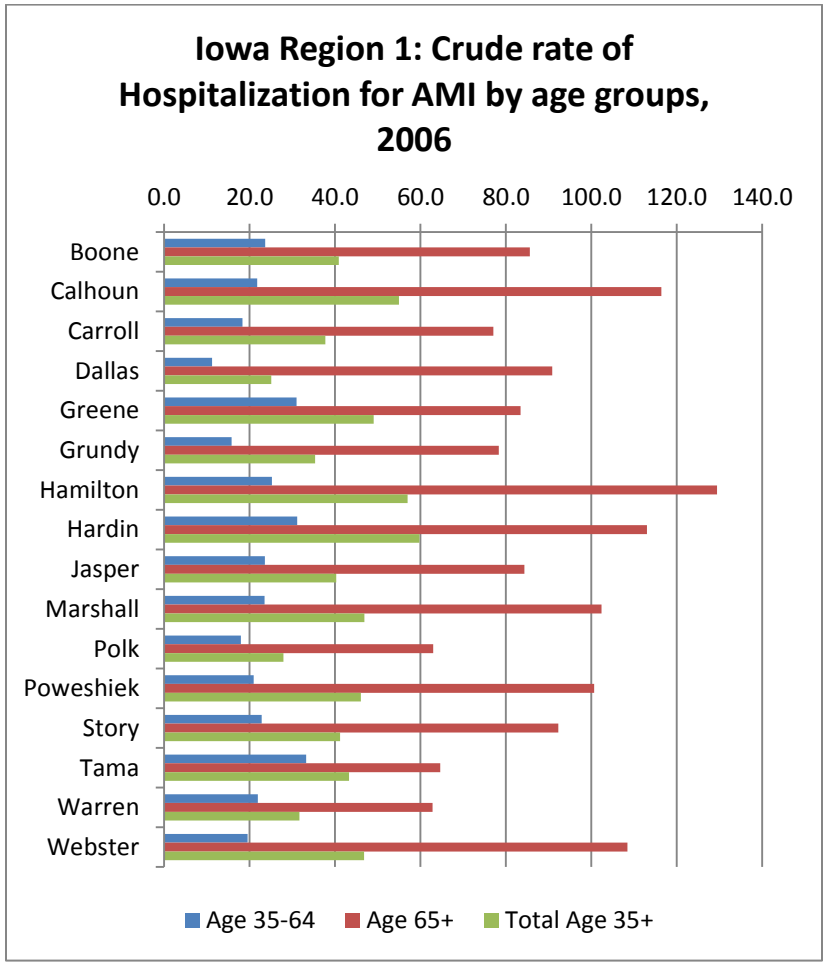
2. Crude rates of Hospitalization for AMI for three age groups at the County level by Public Health Region.

Region 1

Region 1: Crude Incidence Rate of Hospitalizations for AMI, 2006			
County	**Age 35-64**	**Age 65+**	**Total Age 35+**
Boone	23.6	85.6	40.9
Calhoun	21.8	116.4	54.9
Carroll	18.3	77.1	37.7
Dallas	11.2	90.8	25.1
Greene	31.0	83.4	49.1
Grundy	15.8	78.3	35.3
Hamilton	25.2	129.4	56.9
Hardin	31.1	113.0	59.7
Jasper	23.6	84.4	40.3
Marshall	23.5	102.4	46.9
Polk	17.9	62.9	27.9
Poweshiek	21.0	100.6	46.0
Story	22.8	92.3	41.1
Tama	33.2	64.6	43.3
Warren	21.9	62.8	31.7
Webster	19.5	108.4	46.8
State of Iowa	20.7	86.8	38.8



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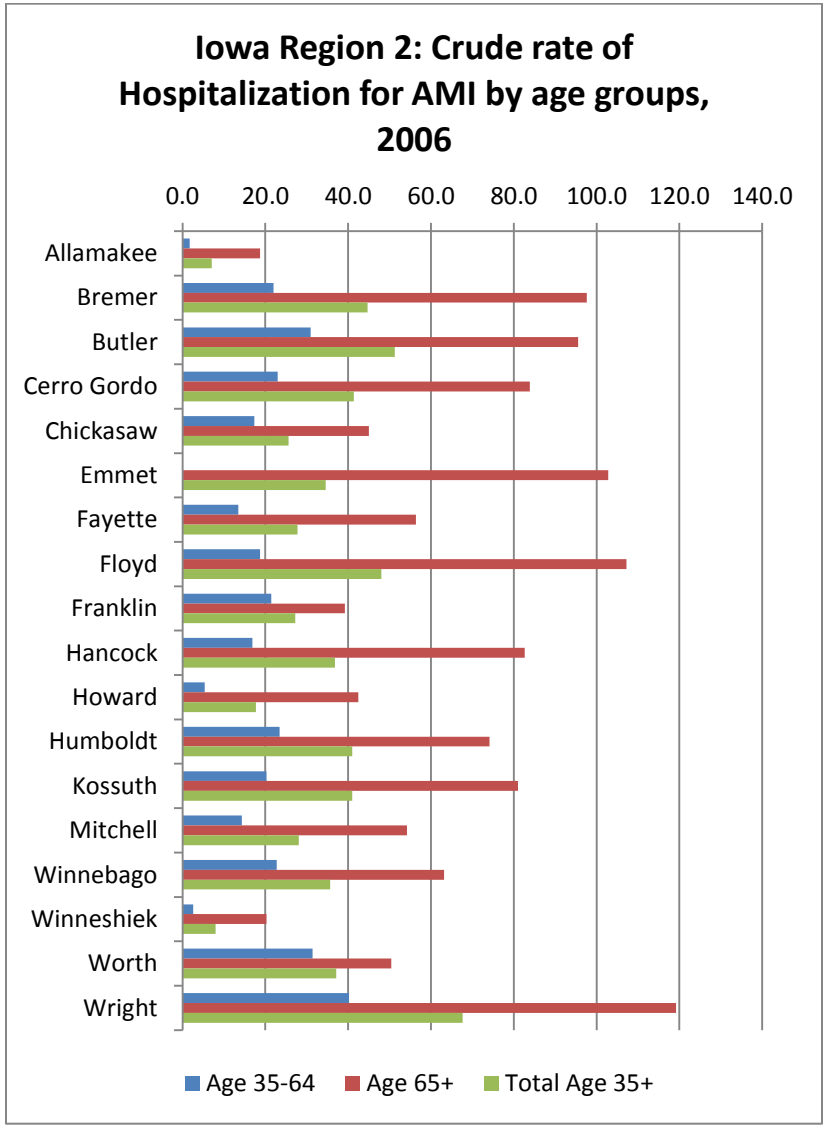
Region 2

Region 2: Crude Incidence Rate of Hospitalizations for AMI, 2006			
County	**Age 35-64**	**Age 65+**	**Total Age 35+**
Allamakee	1.7	18.8	7.1
Bremer	22.0	97.6	44.7
Butler	30.9	95.5	51.3
Cerro Gordo	23.0	83.9	41.4
Chickasaw	17.3	45.0	25.6
Emmet	0.0	102.8	34.6
Fayette	13.5	56.3	27.8
Floyd	18.7	107.2	48.0
Franklin	21.4	39.2	27.3
Hancock	16.9	82.6	36.8
Howard	5.3	42.5	17.8
Humboldt	23.5	74.1	41.0
Kossuth	20.2	81.0	41.0
Mitchell	14.3	54.2	28.1
Winnebago	22.8	63.2	35.6
Winneshiek	2.6	20.3	8.0
Worth	31.4	50.4	37.2
Wright	40.2	119.2	67.6
State of Iowa	20.7	86.8	38.8



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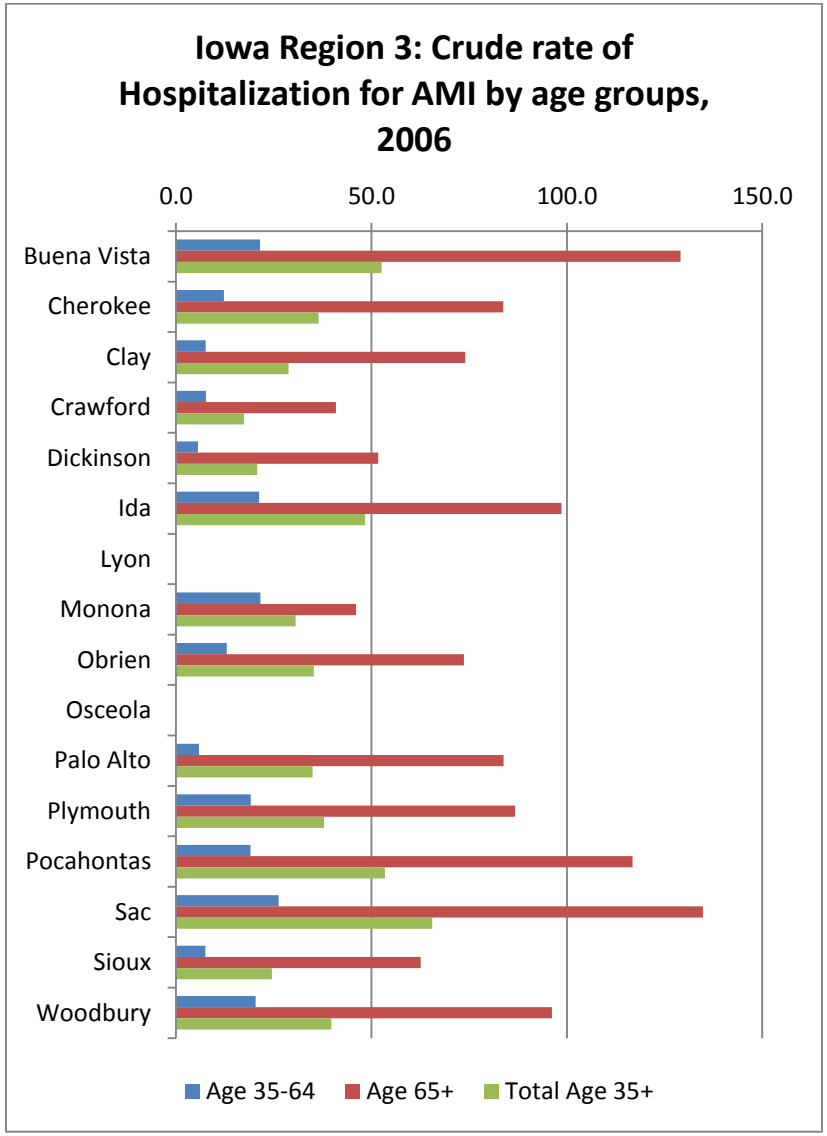
Region 3

Region 3: Crude Incidence Rate of Hospitalizations for AMI, 2006			
County	**Age 35-64**	**Age 65+**	**Total Age 35+**
Buena Vista	21.5	129.1	52.6
Cherokee	12.3	83.7	36.5
Clay	7.5	74.0	28.8
Crawford	7.7	40.9	17.4
Dickinson	5.6	51.7	20.8
Ida	21.3	98.6	48.3
Lyon	Suppressed	Suppressed	Suppressed
Monona	21.6	46.1	30.6
Obrien	13.0	73.7	35.3
Osceola	Suppressed	Suppressed	Suppressed
Palo Alto	5.9	83.8	34.9
Plymouth	19.2	86.7	37.9
Pocahontas	19.0	116.8	53.5
Sac	26.3	134.8	65.6
Sioux	7.5	62.6	24.5
Woodbury	20.4	96.2	39.7
State of Iowa	20.7	86.8	38.8



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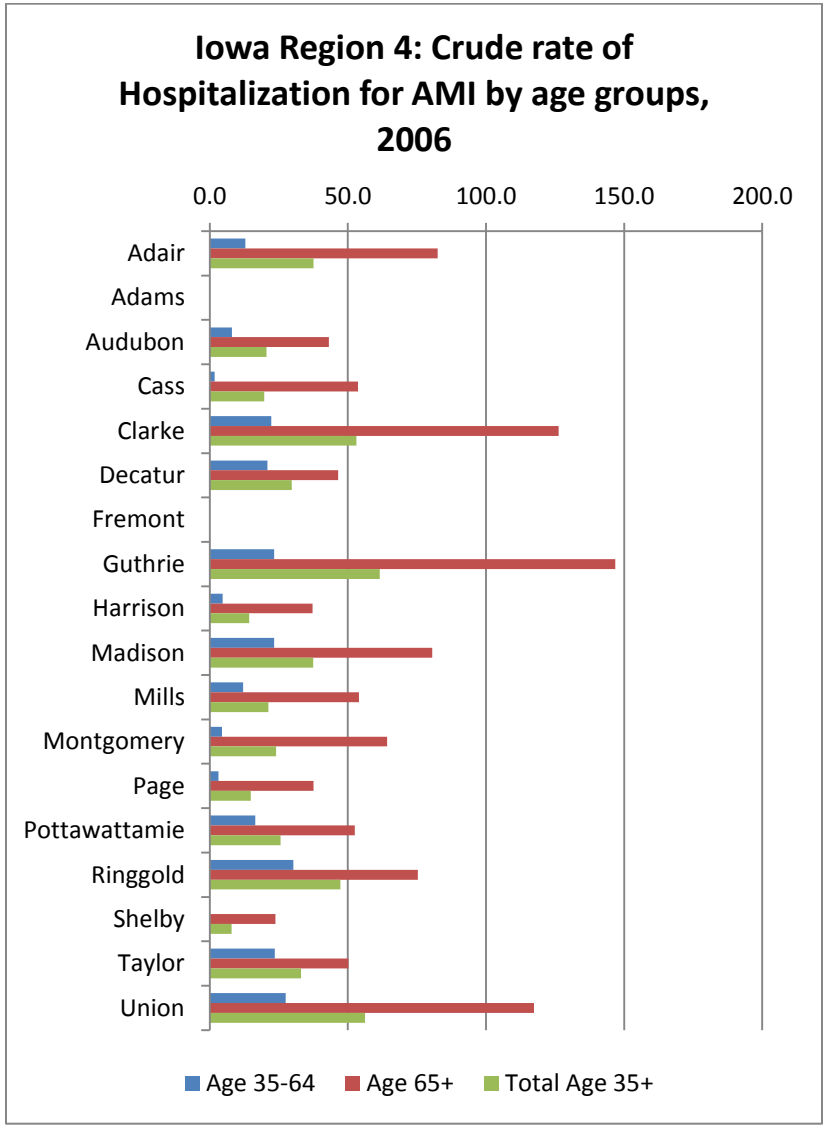
Region 4

Region 4: Crude Incidence Rate of Hospitalizations for AMI, 2006			
County	**Age 35-64**	**Age 65+**	**Total Age 35+**
Adair	12.9	82.5	37.6
Adams	Suppressed	Suppressed	Suppressed
Audubon	8.0	43.2	20.5
Cass	1.8	53.7	19.8
Clarke	22.3	126.2	53.1
Decatur	20.9	46.5	29.7
Fremont	Suppressed	Suppressed	Suppressed
Guthrie	23.3	146.8	61.5
Harrison	4.7	37.2	14.3
Madison	23.3	80.6	37.5
Mills	12.1	54.0	21.2
Montgomery	4.5	64.2	24.0
Page	3.2	37.6	14.9
Pottawattamie	16.5	52.5	25.6
Ringgold	30.3	75.4	47.2
Shelby	0.0	23.8	7.9
Taylor	23.6	50.3	33.0
Union	27.5	117.3	56.2
State of Iowa	20.7	86.8	38.8



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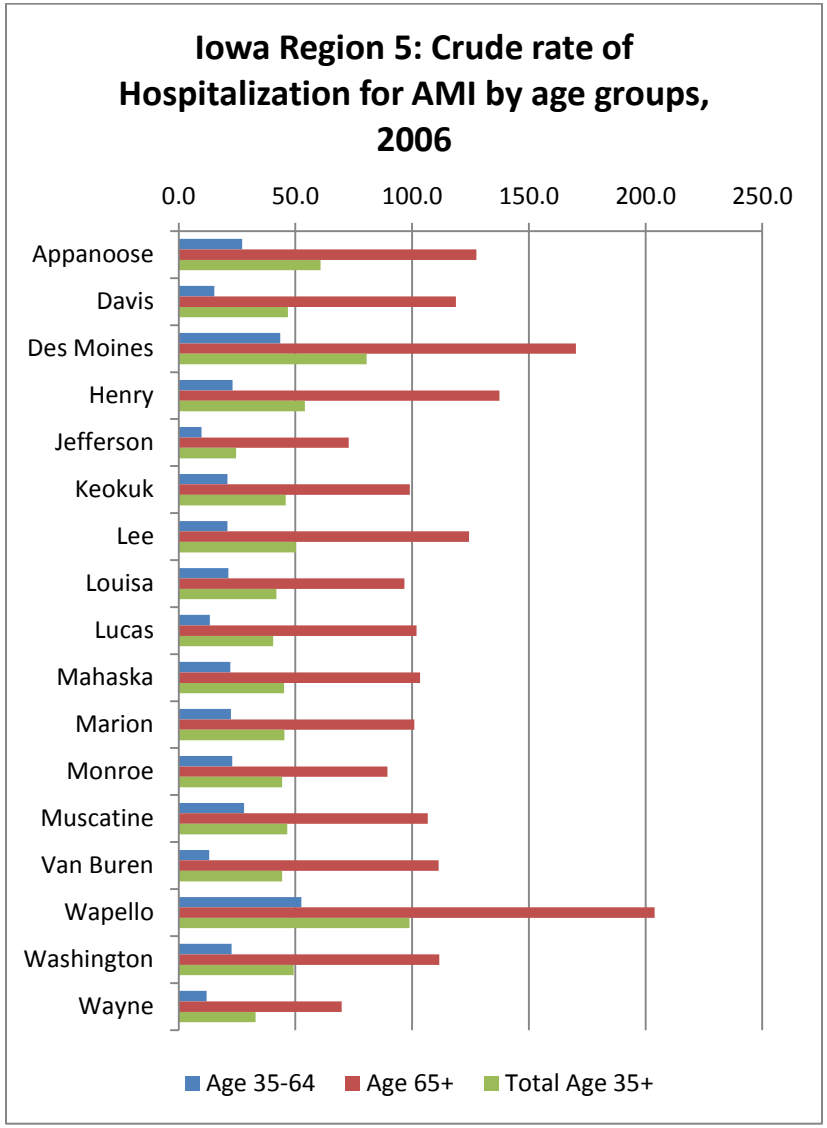
Region 5

Region 5: Crude Incidence Rate of Hospitalizations for AMI, 2006			
County	**Age 35-64**	**Age 65+**	**Total Age 35+**
Appanoose	27.2	127.5	60.8
Davis	15.3	118.7	46.8
Des Moines	43.5	170.2	80.6
Henry	23.1	137.4	54.1
Jefferson	9.8	72.8	24.5
Keokuk	20.9	99.0	45.9
Lee	20.9	124.3	50.2
Louisa	21.3	96.6	41.8
Lucas	13.3	101.9	40.5
Mahaska	22.2	103.4	45.2
Marion	22.3	101.0	45.2
Monroe	22.9	89.4	44.4
Muscatine	28.0	106.6	46.5
Van Buren	13.0	111.4	44.3
Wapello	52.6	203.8	98.9
Washington	22.7	111.7	49.3
Wayne	11.9	69.8	32.9
State of Iowa	20.7	86.8	38.8



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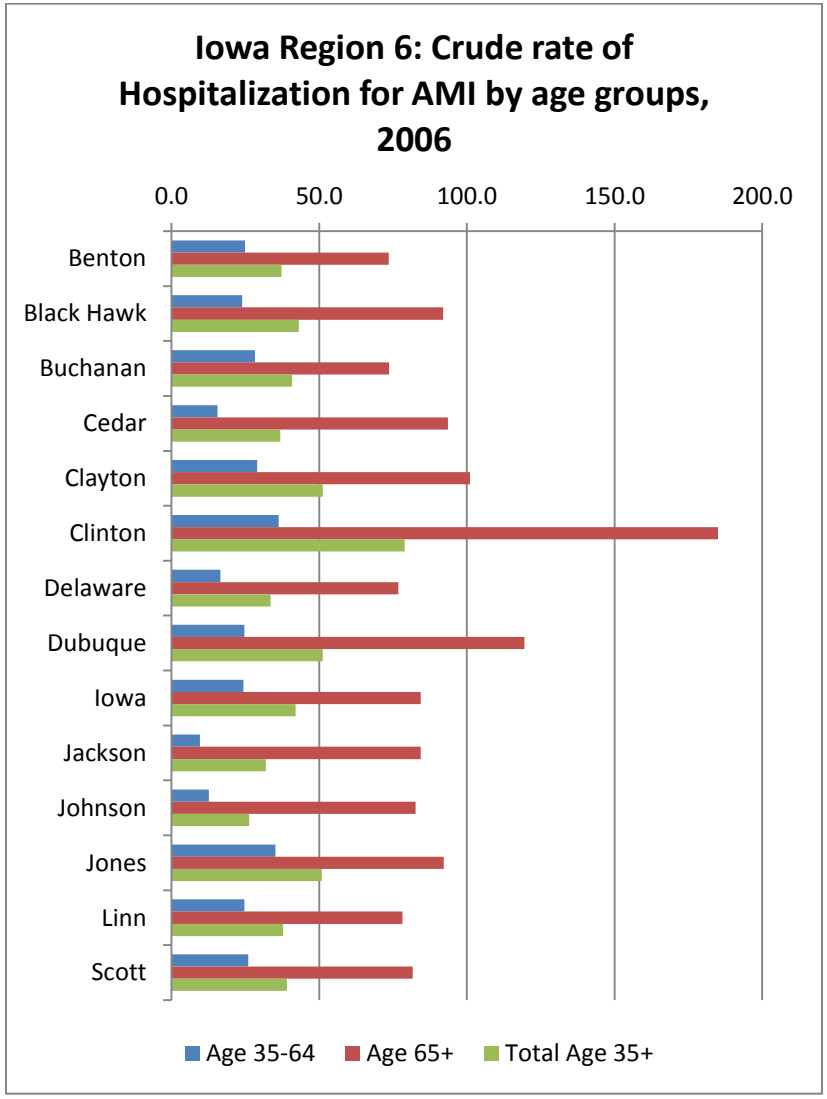
Region 6

Region 6: Crude Incidence Rate of Hospitalizations for AMI, 2006			
County	**Age 35-64**	**Age 65+**	**Total Age 35+**
Benton	24.9	73.6	37.3
Black Hawk	23.9	91.9	43.1
Buchanan	28.3	73.6	40.9
Cedar	15.6	93.6	36.8
Clayton	29.1	101.0	51.2
Clinton	36.2	185.1	79.0
Delaware	16.5	76.8	33.6
Dubuque	24.7	119.5	51.2
Iowa	24.4	84.4	42.0
Jackson	9.6	84.4	32.0
Johnson	12.6	82.6	26.3
Jones	35.2	92.1	51.0
Linn	24.7	78.2	37.8
Scott	25.9	81.7	39.1
State of Iowa	20.7	86.8	38.8



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