Appendix 1: Hospitals by Hospital Number

Iowa Hospital Association 2002 Inpatient Database

Hosp. No.	Hospital Name	City	County	Beds	Class
18	Marshalltown Med./Surg.Center	Marshalltown	Marshall	99	Rural Referral
26	Avera Holy Family Health	Estherville	Emmet	58	Critical Access
34	Sioux Valley Memorial Hospital	Cherokee	Cherokee	67	Rural
59	St. Anthony Regional Hospital	Carroll	Carroll	99	Rural
75	Belmond Medical Center	Belmond	Wright	15	Critical Access
83	Keokuk Area Hospital	Keokuk	Lee	97	Rural
91	Regional Medical Center	Manchester	Delaware	15	Critical Access
125	Washington County Hospital & Clinics	Washington	Washington	25	Critical Access
133	Unity HealthCare	Muscatine	Muscatine	72	Rural
141	Crawford County Memorial Hospital	Denison	Crawford	72	Rural
158	Mercy Medical Center-Sioux City	Sioux City	Woodbury	464	Urban
166	Trinity Regional Medical Center	Fort Dodge	Webster	163	Rural Referral
182	Guthrie County Hospital	Guthrie Center	Guthrie	25	Critical Access
208	Mercy Medical Center-Centerville	Centerville	Appanoose	34	Rural
216	Greene County Medical Center	Jefferson	Greene	25	Critical Access
232	Veterans Memorial Hospital	Waukon	Allamakee	25	Critical Access
240	Iowa Lutheran Hospital	Des Moines	Polk	465	Urban
265	Boone County Hospital	Boone	Boone	57	Rural
273	Mercy Medical Center-New Hampton	New Hampton	Chickasaw	25	Critical Access
281	Alegent Health Mercy Hospital	Council Bluffs	Pottawattamie	260	Urban
299	Mercy Iowa City	Iowa City	Johnson	218	Urban
307	Mary Greeley Medical Center	Ames	Story	200	Rural Referral
315	Myrtue Memorial Hospital	Harlan	Shelby	52	Rural
323	Skiff Medical Center	Newton	Jasper	68	Rural
331	Genesis Medical Center	Davenport	Scott	482	Urban
349	Ellsworth Municipal Hospital	Iowa Falls	Hardin	30	Rural
356	Grundy County Memorial Hospital	Grundy Center	Grundy	25	Critical Access
364	Franklin General Hospital	Hampton	Franklin	25	Critical Access
372	Floyd County Memorial Hospital	Charles City	Floyd	25	Critical Access
380	Covenant Medical Center	Waterloo	Black Hawk	302	Urban
398	Cass County Memorial Hospital	Atlantic	Cass	71	Rural
406	Sartori Memorial Hospital, Inc.	Cedar Falls	Black Hawk	83	Urban
414	Alegent Health Mercy Hospital	Corning	Adams	22	Critical Access
430	Clarinda Regional Health Center	Clarinda	Page	30	Rural
448	Pella Regional Health Center	Pella	Marion	47	Rural
455	St. Luke's Hospital	Cedar Rapids	Linn	400	Urban
463	Wright Medical Center	Clarion	Wright	25	Critical Access
471	Jennie Edmundson Hospital	Council Bluffs	Pottawattamie	236	Urban
489	Ringgold County Hospital	Mount Ayr	Ringgold	40	Rural
497	Clarke County Hospital	Osceola	Clarke	25	Critical Access
505	Mahaska Health Partnership	Oskaloosa	Mahaska	77	Rural
513	Merrill Pioneer Community Hospital	Rock Rapids	Lyon	25	Critical Access
521	Madison County Memorial Hospital	Winterset	Madison	25	Critical Access
539	Mercy Medical Center-Clinton	Clinton	Clinton	163	Rural Referral
547	Van Buren County Hospital	Keosauqua	Van Buren	25	Critical Access
554	Decatur County Hospital	Leon	Decatur	25	Critical Access
562	Jackson County Public Hospital	Maquoketa	Jackson	25	Critical Access

Appendix 1: Hospitals by Hospital Number

Iowa Hospital Association 2002 Inpatient Database

Hosp. No.	Hospital Name	City	County	Beds	Class
570	Great River Medical Center	West Burlington	Des Moines	148	Rural Referral
588	Univ. of Iowa Hospitals and Clinics	Iowa City	Johnson	813	Urban
604	Davis County Hospital	Bloomfield	Davis	25	Critical Access
612	Lucas County Health Center	Chariton	Lucas	25	Critical Access
620	Dewitt Community Hospital	Dewitt	Clinton	13	Critical Access
638	Central Community Hospital	Elkader	Clayton	25	Critical Access
646	Mercy Medical Center-North Iowa	Mason City	Cerro Gordo	350	Rural Referral
653	Alegent Hlth Comm. Mem. Hosp.	Missouri Valley	Harrison	25	Critical Access
661	Buena Vista Regional Medical Center	Storm Lake	Buena Vista	54	Rural
687	Regional Health Services of Howard Co.	Cresco	Howard	25	Critical Access
695	Mercy Medical Center-Dubuque	Dubuque	Dubuque	382	Urban
703	Adair County Memorial Hospital	Greenfield	Adair	25	Critical Access
729	Stewart Memorial Comm. Hospital	Lake City	Calhoun	49	Rural
737	Marengo Memorial Hospital	Marengo	Iowa	25	Critical Access
745	Orange City Health System	Orange City	Sioux	30	Rural
752	Dallas County Hospital	Perry	Dallas	25	Critical Access
760	Hamilton Hospital	Webster City	Hamilton	40	Rural
778	Monroe County Hospital	Albia	Monroe	25	Critical Access
794	Mercy Medical Center	Cedar Rapids	Linn	350	Urban
810	Winneshiek County Memorial Hospital	Decorah	Winneshiek	75	Rural
821	Iowa Methodist Ambulatory Center	Des Moines	Polk		
828	Iowa Methodist Medical Center	Des Moines	Polk	674	Urban
831	Mercy Ambulatory Center	Des Moines	Polk		
834	Mercy Capitol	Des Moines	Polk	226	Urban
836	Mercy Medical Center-Des Moines	Des Moines	Polk	638	Urban
851	Eldora Regional Medical Center	Eldora	Hardin	18	Rural
869	People's Memorial Hospital	Independence	Buchanan	25	Critical Access
885	Story County Medical Center	Nevada	Story	25	Critical Access
893	Ottumwa Regional Health Center	Ottumwa	Wapello	221	Rural Referral
901	Montgomery Co. Memorial Hospital	Red Oak	Montgomery	40	Rural
919	Loring Hospital	Sac City	Sac	33	Rural
927	Shenandoah Medical Center	Shenandoah	Page	44	Rural
935	Virginia Gay Hospital	Vinton	Benton	29	Rural
943	Waverly Municipal Hospital	Waverly	Bremer	25	Critical Access
950	Hancock County Memorial Hospital	Britt	Hancock	25	Critical Access
976	Guttenberg Municipal Hospital	Guttenberg	Clayton	25	Critical Access
984	Audubon County Memorial Hospital	Audubon	Audubon	25	Critical Access
992	Grape Community Hospital	Hamburg	Fremont	25	Critical Access
1016	Broadlawns Medical Center	Des Moines	Polk	200	Urban
1024	Metropolitan Medical Center	Des Moines	Polk	211	Urban
1032	Jones Regional Medical Center	Anamosa	Jones	25	Critical Access
1040	Trinity Medical Center North Campus	Davenport	Scott	150	Urban
1065	Henry County Health Center	Mount Pleasant	Henry	50	Rural
1073	Burgess Health Center	Onawa	Monona	48	Rural
1081	Mitchell Co. Regional Health Center	Osage	Mitchell	25	Critical Access
1099	Sioux Center Community Hos/Health Center	Sioux Center	Sioux	21	Critical Access
1107	Allen Health System	Waterloo	Black Hawk	204	Urban

Appendix 1: Hospitals by Hospital Number

Iowa Hospital Association 2002 Inpatient Database

Hosp. No.	Hospital Name	City	County	Beds	Class
1115	Manning Regional Healthcare Center	Manning	Carroll	17	Critical Access
1123	Spencer Hospital	Spencer	Clay	99	Rural
1131	Wayne County Hospital	Corydon	Wayne	28	Rural
1149	Knoxville Area Community Hospital	Knoxville	Marion	59	Rural
1156	Jefferson County Hospital	Fairfield	Jefferson	67	Rural
1164	Southwest Iowa Regional Medical Center	Creston	Union	80	Rural
1172	The Finley Hospital	Dubuque	Dubuque	126	Urban
1180	Palo Alto County Health System	Emmetsburg	Palo Alto	32	Rural
1206	Keokuk County Health Center	Sigourney	Keokuk	25	Critical Access
1222	Fort Madison Community Hospital	Fort Madison	Lee	50	Rural
1248	Lakes Regional Healthcare	Spirit Lake	Dickinson	49	Rural
1263	Northwest Iowa Health Center	Sheldon	O'Brien	28	Rural
1297	Palmer Lutheran Health Center, Inc.	West Union	Fayette	25	Critical Access
1305	Osceola Community Hospital, Inc.	Sibley	Osceola	32	Critical Access
1313	Horn Memorial Hospital	Ida Grove	Ida	42	Rural
1347	Hawarden Community Hospital	Hawarden	Sioux	25	Critical Access
1354	Mercy Hospital of Franciscan Sisters	Oelwein	Fayette	25	Critical Access
1388	Community Memorial Hospital	Sumner	Bremer	25	Critical Access
1404	Floyd Valley Hospital	LeMars	Plymouth	44	Rural
1420	Pocahontas Community Hospital	Pocahontas	Pocahontas	25	Critical Access
1438	Kossuth Regional Health Center	Algona	Kossuth	40	Rural
1453	Hegg Memorial Health Center	Rock Valley	Sioux	28	Critical Access
1461	St. Luke's Health System, Inc.	Sioux City	Woodbury	364	Urban
1479	Grinnell Regional Medical Center	Grinnell	Poweshiek	81	Rural
1511	Baum-Harmon Mercy Hospital	Primghar	O'Brien	14	Critical Access
1529	Humboldt County Memorial Hospital	Humboldt	Humboldt	21	Critical Access

Appendix 2

Hospital Service Territory Modeling System

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The Hospital Service Territory Modeling System (HSTMS) estimates the geographic extent and population size of health care service territories surrounding 105 hospital cities in Iowa.

Theoretical Framework

The HSTMS application is based on Huff's Probabilistic Model (1963), a gravity-based model which measures the influence, or attractive pull, of retail shopping areas. Gravity models assume that larger places have a more attractive pull on consumers than smaller places, but this pull decays over distance. In a traditional Huff's model, the probability that an individual in place *i* will shop in the subject place *s* is determined by the size of *s*, the number *n* and size of competing destinations *j*, and the distance from *i* to each competing destination. The probability **P** is expressed as:

$$P = \frac{(\text{size of } s \,/\, (\text{distance from } i \text{ to } s)\ \hat{}\ 2)}{\sum_{j=1}^{n} (\text{size of } j \,/\, (\text{distance from } i \text{ to } j)\ \hat{}\ 2)}$$

In the HSTMS application, the estimated probability value **P** represents the likelihood that patients living in a particular location will choose the subject city when seeking medical care. A probability value is calculated for each place in a pool of potential patient locations surrounding the subject city. Using these probabilities, the spatial extent of a hospital's service territory can be estimated. Once delineated, the service territory may be assessed using measures such as land area, population size, median household income, and other variables.

Procedures

Several parameters are set prior to estimating service territories for Iowa's hospital locations. These parameters include: (1) an initial search radius that defines a potential patient pool and a set of competing destinations for each hospital city; (2) a measure of "size" for the subject city and competing destinations; and (3) a method for

measuring distance, and (4) a mathematical function to simulate the decaying effects of size as distance increases.

Selecting the patient pool and competitor pool

Potential patients include residents of any township within a 45-mile radius of the subject location. A discrete set of competing health care destinations is identified for each potential customer location when the probability values are calculated. The pool of competing destinations includes any hospital city within 45 miles of the patient location.

Measuring the size of health care service destinations

This model is place-based rather than hospital-based. Data for communities with multiple hospitals are aggregated to the city level. Data for hospitals in Cedar Falls and Waterloo are also combined because the two cities are in such close proximity. The HSTMS uses two alternative measures for the size of the subject place and its competitors. The first measure is the number of patient beds in all of the city's hospitals. The second measure is the sum of patient days for all visits to hospitals in the subject place during 2002.

Selecting a distance measure

The HSTMS measures the orthogonal distance between patient locations and health care destinations using their latitude and longitude coordinates. This method provides highly accurate approximations of road distance between places.

Selecting a distance decay function

In gravity models, a transformation is usually applied to the distance values to compound the deterring effects of distance on destination choice. Distance squared (distance^2) is a frequently-used transformation, however studies using actual customer origin and destination data have determined the effects of distance vary by type of consumer good. Patient data from the IHA Inpatient Database suggest a distance decay function of 2.5 (distance^2.5) more closely describes the distribution of hospital trips by distance traveled for patients in Iowa.

Estimating and Describing the Trade Area

The HSTMS solves Huff's Equation to obtain a P-value for each customer location in the customer pool. Next, the P values are used as "elevation" observations to interpolate a minimum-curvature probability surface around the subject location. The probability surface represents the likelihood of patients in various locations choosing the subject destination. The probability surface can be simplified into "contours" to delineate a 50 percent probability region around the subject place. Any township whose population-weighted midpoint falls within the 50 percent probability region for a hospital city is assigned to that hospital city's service territory. Township-level data are then compiled and aggregated to describe population size and other attributes of the service territories.

Software

This application was developed using ESRI's Arc View Version 3.2, and the Arc View Spatial Analyst Extension Version 2.0.

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Appendix 3: Hospital Region Areas, Populations, and Utilization

City	Hospital Number(s)	Hosp. Beds	Inpatient Days	Regions Defined with Respect to Distance and Hospital Beds Area	Hospital Beds Pop.	Inpatient Days Area	Inpatient Days Pop.	Capacity Utililization Ratio
Albia	778	25	2,226	181.2	5,848	181.2	5,848	24.4
Algona	1438	40	3,540	429.5	11,296	465.2	11,959	24.2
Ames	307	200	40,858	469.8	70,720	576.8	72,336	56.0
Anamosa	1032	25	777	180.4	9,096	72.0	7,555	8.5
Atlantic	398	71	9,248	645.6	16,506	719.7	17,815	35.7
Audubon	984	25	1,733	217.7	3,845	181.9	3,652	19.0
Belmond	75	15	821	109.4	3,523	73.5	3,136	15.0
Bloomfield	604	25	3,168	172.7	4,685	172.7	4,685	34.7
Boone	265	57	8,468	250.0	19,046	250.0	19,046	40.7
Britt	950	25	1,711	322.4	5,625	250.4	4,422	18.8
Carroll	59	99	8,719	427.4	17,032	391.1	16,821	24.1
Cedar Rapids	455, 794	750	116,701	1,248.4	208,373	1,568.9	219,135	42.6
Centerville	208	34	7,463	351.9	11,973	491.9	14,370	60.1
Chariton	612	25	1,727	290.1	8,231	218.0	7,384	18.9
Charles City	372	25	4,716	264.8	11,909	354.3	12,539	51.7
Cherokee	34	67	3,060	539.9	12,611	360.2	9,936	12.5
Clarinda	430	30	2,978	336.6	9,219	300.8	9,014	27.2
Clarion	463	25	1,662	181.9	4,674	145.1	3,907	18.2
Clinton	539	163	38,060	258.4	36,108	330.2	37,677	64.0
Corning	414	22	2,503	283.9	3,785	319.8	3,954	31.2
Corydon	1131	28	1,829	372.4	4,280	336.5	4,155	17.9
Council Bluffs	281, 471	496	50,426	138.1	70,979	107.5	69,802	27.9
Cresco	687	25	1,444	218.2	6,572	218.2	6,572	15.8
Creston	1164	80	7,804	639.8	13,620	604.3	13,295	26.7
Davenport	331, 1040	632	107,830	522.3	151,800	555.2	153,266	46.7
Decorah	810	75	5,028	593.2	20,424	491.2	18,544	18.4
Denison	141	72	2,326	499.7	13,784	214.6	9,670	8.9
Des Moines	240, 821, 828, 831, 834, 836, 1016, 1024	2,414	330,791	2,641.2	475,528	2,857.4	479,254	37.5
Dewitt	620	13	1,377	84.0	7,599	54.5	6,346	29.0
Dubuque	695, 1172	508	59,049	1,033.2	95,389	1,033.2	95,389	31.8

Appendix 3: Hospital Region Areas, Populations, and Utilization

City	Hospital Number(s)	Hosp. Beds	Inpatient Days	Regions Defined with Respect to Distance and Hospital Beds Area	Hospital Beds Pop.	Inpatient Days Area	Inpatient Days Pop.	Capacity Utililization Ratio
Eldora	851	18	-	178.2	5,477			-
Elkader	638	25	649	278.8	5,305	136.8	2,921	7.1
Emmetsburg	1180	32	2,270	250.2	5,692	250.2	5,692	19.4
Estherville	26	58	4,670	302.4	9,228	273.8	9,008	22.1
Fairfield	1156	67	4,959	402.3	16,620	292.1	14,949	20.3
Fort Dodge	166	163	28,813	756.9	41,469	973.4	45,364	48.4
Fort Madison	1222	50	11,687	206.6	19,326	206.6	19,326	64.0
Greenfield	703	25	1,814	321.1	5,037	178.1	4,085	19.9
Grinnell	1479	81	11,310	543.7	16,977	677.9	18,742	38.3
Grundy Center	356	25	1,710	179.7	4,467	108.4	3,724	18.7
Guthrie Center	182	25	1,674	308.2	7,037	194.9	5,456	18.3
Guttenberg	976	25	2,138	128.7	3,603	128.7	3,603	23.4
Hamburg	992	25	1,168	121.9	2,193	91.9	1,788	12.8
Hampton	364	25	2,042	249.5	7,316	249.5	7,316	22.4
Harlan	315	52	7,336	403.7	11,145	512.3	12,471	38.7
Hawarden	1347	25	1,099	105.2	3,238	32.8	2,760	12.0
Humboldt	1529	21	2,215	144.5	6,925	144.5	6,925	28.9
Ida Grove	1313	42	5,168	505.2	8,757	612.3	11,016	33.7
Independence	869	25	1,987	107.3	8,751	70.7	7,688	21.8
Iowa City	299, 588	1,031	199,967	1,683.3	142,967	2,136.6	152,637	53.1
Iowa Falls	349	30	3,795	251.4	8,761	322.1	11,057	34.7
Jefferson	216	25	3,508	344.0	8,206	344.0	8,206	38.4
Keokuk	83	97	13,447	115.9	15,979	115.9	15,979	38.0
Keosauqua	547	25	1,733	193.4	2,983	169.1	2,304	19.0
Knoxville	1149	59	3,556	186.0	11,686	150.3	11,175	16.5
Lake City	729	49	5,331	284.4	4,216	284.4	4,216	29.8
LeMars	1404	44	5,647	179.5	11,681	179.5	11,681	35.2
Leon	554	25	1,624	363.9	4,931	303.5	4,442	17.8
Manchester	91	15	3,456	216.9	11,223	326.0	13,564	63.1
Manning	1115	17	1,229	108.6	2,758	72.4	2,128	19.8

Appendix 3: Hospital Region Areas, Populations, and Utilization

City	Hospital Number(s)	Hosp. Beds	Inpatient Days	Regions Defined with Respect to Distance and Hospital Beds Area	Hospital Beds Pop.	Inpatient Days Area	Inpatient Days Pop.	Capacity Utililization Ratio
Maquoketa	562	25	2,477	181.2	9,691	145.2	9,029	27.1
Marengo	737	25	795	145.6	4,204	72.9	3,497	8.7
Marshalltown	18	99	16,400	539.4	37,816	647.4	40,552	45.4
Mason City	646	350	42,387	1,422.3	70,996	1,559.7	74,142	33.2
Missouri Valley	653	25	2,098	45.8	4,264	45.8	4,264	23.0
Mount Ayr	489	40	2,297	503.2	5,045	431.7	4,733	15.7
Mount Pleasant	1065	50	6,057	291.8	15,905	254.9	14,798	33.2
Muscatine	133	72	10,272	166.1	29,747	166.1	29,747	39.1
Nevada	885	25	1,689	70.8	7,337	34.5	6,934	18.5
New Hampton	273	25	2,311	290.2	8,662	217.6	7,056	25.3
Newton	323	68	7,933	219.5	22,177	219.5	22,177	32.0
Oelwein	1354	25	3,345	182.5	10,739	219.0	11,090	36.7
Onawa	1073	48	7,301	394.7	6,357	502.5	8,480	41.7
Orange City	745	30	6,360	108.0	8,189	180.2	9,606	58.1
Osage	1081	25	2,251	238.6	6,165	173.0	5,638	24.7
Osceola	497	25	2,336	179.2	6,309	179.4	5,995	25.6
Oskaloosa	505	77	3,695	419.8	20,392	282.0	17,029	13.1
Ottumwa	893	221	23,501	624.0	39,150	728.6	40,840	29.1
Pella	448	47	5,202	178.4	13,935	178.4	13,935	30.3
Perry	752	25	1,913	180.4	9,928	143.9	9,588	21.0
Pocahontas	1420	25	1,187	362.5	5,292	145.1	2,713	13.0
Primghar	1511	14	511	144.0	1,858	144.0	1,858	10.0
Red Oak	901	40	9,131	354.7	9,960	424.7	10,395	62.5
Rock Rapids	513	25	1,723	126.2	3,654	90.7	3,219	18.9
Rock Valley	1453	28	2,003	143.2	5,542	71.5	3,927	19.6
Sac City	919	33	3,079	216.1	5,990	216.1	5,990	25.6
Sheldon	1263	28	2,947	179.9	6,889	215.9	8,496	28.8
Shenandoah	927	44	3,592	300.5	9,145	264.8	8,876	22.4
Sibley	1305	32	2,375	262.6	5,800	199.0	4,857	20.3
Sigourney	1206	25	535	251.9	4,879	136.1	3,313	5.9

Appendix 3: Hospital Region Areas, Populations, and Utilization

City	Hospital Number(s)	Hosp. Beds	Inpatient Days	Regions Defined with Respect to Distance and Hospital Beds Area	Hospital Beds Pop.	Inpatient Days Area	Inpatient Days Pop.	Capacity Utililization Ratio
Sioux Center	1099	21	7,741	71.7	7,313	179.4	8,858	101.0
Sioux City	158, 1461	828	113,809	1,397.3	113,024	1,397.3	113,024	37.7
Spencer	1123	99	10,063	572.9	17,806	642.8	20,827	27.8
Spirit Lake	1248	49	6,371	230.7	13,017	295.5	15,404	35.6
Storm Lake	661	54	6,872	361.1	16,709	469.4	18,352	34.9
Sumner	1388	25	1,516	200.4	5,095	90.8	3,065	16.6
Vinton	935	29	962	139.6	7,222	77.0	6,593	9.1
Washington	125	25	4,004	119.9	8,901	119.9	8,901	43.9
Waterloo-Cedar Falls	380, 406, 1107	589	93,571	1,390.7	152,515	1,848.5	161,361	43.5
Waukon	232	25	2,629	250.6	7,162	250.6	7,162	28.8
Waverly	943	25	3,366	195.6	14,660	158.8	13,669	36.9
Webster City	760	40	6,634	288.2	10,767	288.2	10,767	45.4
West Burlington	570	148	28,192	382.8	42,276	504.5	43,757	52.2
West Union	1297	25	2,750	256.6	8,619	256.6	8,619	30.1
Winterset	521	25	3,553	142.6	6,873	142.6	6,873	38.9
State Summary		11,945	1,633,781					37.5

Appendix 4. Summary of Inpatient and Outpatient Activity by Hospital Center

Region Name	Beds	Service Territory* Population	Total Activity			Percentage from Within Region		
			Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,848	1,200	397	368	81.1	79.8	67.4
Algona	40	11,296	2,173	632	709	81.6	81.5	80.8
Ames	200	70,720	32,358	7,948	5,267	44.6	46.6	46.8
Anamosa	25	9,096	769	281	208	60.6	59.8	54.8
Atlantic	71	16,506	7,743	1,701	520	70.9	70.0	61.7
Audubon	25	3,845	1,454	383	431	87.4	88.0	85.2
Belmond	15	3,523	286	114	210	63.6	64.9	71.9
Bloomfield	25	4,685	2,534	653	596	66.9	65.7	56.4
Boone	57	19,046	7,742	1,818	1,156	77.1	75.6	71.7
Britt	25	5,625	1,081	340	338	48.9	47.9	50.6
Carroll	99	17,032	7,305	1,863	1,139	67.8	67.1	54.2
Cedar Rapids	750	208,373	90,700	21,277	16,652	78.8	79.7	78.8
Centerville	34	11,973	6,751	1,363	756	83.9	84.5	73.3
Chariton	25	8,231	1,591	525	765	68.7	68.4	53.3
Charles City	25	11,909	4,065	1,095	549	80.6	77.9	68.5
Cherokee	67	12,611	2,683	954	764	72.7	71.3	76.2
Clarinda	30	9,219	2,669	793	630	75.9	72.9	71.6
Clarion	25	4,674	1,517	421	394	58.5	45.4	46.2
Clinton	163	50,265	36,066	6,188	1,895	89.7	86.6	82.2
Corning	22	3,785	1,703	510	549	45.4	42.7	46.8
Corydon	28	4,280	1,717	538	229	51.4	49.3	49.8
Council Bluffs	496	70,979	44,920	9,975	4,618	61.0	58.1	60.8
Cresco	25	6,572	871	300	454	59.7	59.3	66.5
Creston	80	13,620	5,936	1,529	1,264	64.1	71.3	72.1
Davenport	632	169,563	81,674	17,757	9,557	70.1	70.2	66.8
Decorah	75	22,661	3,763	1,134	1,241	68.9	66.0	66.6
Denison	72	13,784	1,715	597	915	63.5	64.3	78.6
Des Moines	2,414	475,528	275,490	59,065	27,854	72.7	75.5	79.2
Dewitt	13	7,599	1,376	395	442	63.4	62.8	50.5
Dubuque	508	115,516	52,058	13,005	6,003	74.0	74.3	74.1
Elkader	25	5,305	562	179	108	64.1	60.9	54.6
Emmetsburg	32	5,692	1,734	659	611	62.6	63.6	62.7
Estherville	58	9,600	3,602	1,072	573	80.3	80.1	54.6
Fairfield	67	16,620	4,950	1,221	879	81.6	79.9	72.4
Fort Dodge	163	41,469	27,231	6,757	4,523	72.3	72.5	70.8
Fort Madison	50	22,767	8,606	2,532	2,123	77.6	75.4	57.9
Greenfield	25	5,037	1,365	419	103	77.9	76.8	74.8
Grinnell	81	16,977	9,671	2,821	903	65.3	64.9	56.7
Grundy Center	25	4,467	1,595	219	82	48.8	56.6	50.0
Guthrie Center	25	7,037	1,646	420	137	65.2	65.2	60.6
Guttenberg	25	4,432	1,393	437	152	58.7	55.8	56.6
Hamburg	25	2,478	1,006	305	412	27.2	29.2	42.7
Hampton	25	7,316	1,204	262	314	69.4	63.0	56.7
Harlan	52	11,145	5,157	1,392	826	75.5	75.4	70.6
Hawarden	25	4,369	651	212	68	68.7	66.5	70.6
Humboldt	21	6,925	1,316	439	475	69.1	68.3	64.8
Ida Grove	42	8,757	3,850	913	497	89.7	88.2	76.1

Appendix 4. Summary of Inpatient and Outpatient Activity by Hospital Center

Region Name	Beds	Service Territory* Population	Total Activity			Percentage from Within Region		
			Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Independence	25	8,751	1,919	627	456	70.0	67.3	65.4
Iowa City	1,031	142,967	172,021	27,983	32,472	27.6	35.0	35.0
Iowa Falls	30	8,761	3,177	995	605	55.6	57.2	61.7
Jefferson	25	8,206	2,205	575	544	66.3	61.7	69.9
Keokuk	97	27,684	9,428	2,738	1,605	84.2	83.1	76.8
Keosauqua	25	2,983	1,677	585	98	47.3	45.5	28.6
Knoxville	59	11,686	2,973	788	507	78.5	75.1	66.1
Lake City	49	4,216	4,526	1,112	692	38.8	39.3	42.2
LeMars	44	11,681	4,124	1,376	525	70.0	70.5	74.5
Leon	25	4,931	1,055	388	363	53.2	52.6	52.9
Manchester	15	11,223	2,742	828	310	53.9	55.8	47.7
Manning	17	2,758	1,108	313	243	63.6	63.9	63.0
Maquoketa	25	9,691	2,301	673	479	70.3	67.0	63.0
Marengo	25	4,204	186	62	6	57.0	58.1	33.3
Marshalltown	99	37,816	14,142	3,851	3,347	79.5	78.9	71.9
Mason City	350	70,996	35,023	9,744	8,375	56.1	58.9	67.7
Missouri Valley	25	4,264	1,842	555	567	39.9	41.8	40.6
Mount Ayr	40	5,369	1,465	408	502	78.4	75.5	74.7
Mount Pleasant	50	15,905	4,116	1,146	1,720	63.7	63.9	47.6
Muscatine	72	30,553	9,563	2,513	2,247	84.6	82.1	79.2
Nevada	25	7,337	1,383	226	204	58.0	62.4	50.0
New Hampton	25	8,662	1,990	584	409	65.6	62.3	54.3
Newton	68	22,177	6,828	1,927	1,558	79.3	78.3	78.2
Oelwein	25	10,739	2,243	679	448	83.5	83.1	68.3
Onawa	48	7,226	5,872	1,512	661	69.9	66.3	59.2
Orange City	30	8,189	5,789	1,199	735	51.3	59.5	51.4
Osage	25	6,165	1,506	570	411	66.5	64.6	63.7
Osceola	25	6,309	1,897	478	399	76.9	74.3	66.4
Oskaloosa	77	20,392	2,197	706	1,151	72.7	72.4	76.3
Ottumwa	221	39,150	17,465	4,700	4,559	76.8	74.3	71.1
Pella	47	13,935	4,473	1,597	1,219	52.0	50.0	50.5
Perry	25	9,928	1,913	440	459	83.4	80.7	78.6
Pocahontas	25	5,292	1,124	298	373	38.1	38.3	49.3
Primghar	14	1,858	486	148	272	28.0	35.8	37.9
Red Oak	40	9,960	8,932	1,761	735	80.9	79.7	67.8
Rock Rapids	25	3,654	1,182	366	144	62.6	62.0	62.5
Rock Valley	28	5,542	1,063	307	146	85.4	82.1	79.5
Sac City	33	5,990	3,046	838	297	68.2	71.6	66.0
Sheldon	28	6,889	2,659	756	580	75.7	73.4	70.0
Shenandoah	44	9,145	2,645	771	795	74.1	74.7	62.3
Sibley	32	6,302	1,836	421	301	53.3	52.5	55.5
Sigourney	25	4,879	294	52	17	80.3	75.0	64.7
Sioux Center	21	7,313	6,686	833	549	84.5	58.6	57.4
Sioux City	828	150,060	91,452	20,748	8,984	71.6	74.8	75.2
Spencer	99	17,806	7,710	2,257	1,347	65.3	64.6	57.4
Spirit Lake	49	13,302	5,109	1,421	704	71.1	70.4	67.6
Storm Lake	54	16,709	4,581	1,403	1,424	63.5	66.7	69.7

Appendix 4. Summary of Inpatient and Outpatient Activity by Hospital Center

Region Name	Beds	Service Territory* Population	Total Activity			Percentage from Within Region		
			Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Sumner	25	5,095	843	250	252	63.7	65.2	72.2
Vinton	29	7,222	943	379	850	83.9	82.8	60.1
Washington	25	8,901	3,196	895	1,068	67.6	63.8	61.6
Waterloo	589	152,515	67,741	19,217	16,055	79.5	80.1	80.9
Waukon	25	7,162	1,791	581	396	57.7	57.7	60.4
Waverly	25	14,660	2,093	806	1,279	52.8	52.7	58.6
Webster City	40	10,767	5,831	1,692	815	69.1	68.9	68.3
West Burlington	148	46,658	24,680	6,506	6,023	77.5	77.1	75.8
West Union	25	8,619	1,762	622	428	60.9	59.5	52.8
Winterset	25	6,873	3,538	795	408	76.6	75.5	65.2
State Totals	11,927	2,926,324	1,337,821	309,811	211,377	66.1	68.7	65.4

* Service territory populations were estimated using total inpatient days-based gravity regions.
The state total population for Iowa is based on the 2000 Census.

Appendix 5. Populations Based on Basic Service Capacity (Beds), Inpatient Totals, and Outpatient Totals

	Region Totals						Iowa Portions Only					
	Beds		Inpatient Days		Outpatient Visits		Beds		Inpatient Days		Outpatient Visits	
Region Name	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population
Albia	181	5,848	181	5,848	181	5,848	181	5,848	181	5,848	181	5,848
Algona	429	11,296	465	11,959	465	11,959	429	11,296	465	11,959	465	11,959
Ames	470	70,720	577	72,336	650	73,698	470	70,720	577	72,336	650	73,698
Anamosa	180	9,096	72	7,555	72	7,555	180	9,096	72	7,555	72	7,555
Atlantic	646	16,506	720	17,815	464	12,655	646	16,506	720	17,815	464	12,655
Audubon	218	3,845	182	3,652	256	5,031	218	3,845	182	3,652	256	5,031
Belmond	109	3,523	74	3,136	74	3,136	109	3,523	74	3,136	74	3,136
Bloomfield	173	4,685	173	4,685	209	4,990	173	4,685	173	4,685	209	4,990
Boone	250	19,046	250	19,046	213	18,763	250	19,046	250	19,046	213	18,763
Britt	322	5,625	250	4,422	250	4,422	322	5,625	250	4,422	250	4,422
Carroll	427	17,032	391	16,821	391	16,821	427	17,032	391	16,821	391	16,821
Cedar Rapids	1,248	208,373	1,569	219,135	1,429	216,172	1248	208,373	1,569	219,135	1,429	216,172
Centerville	352	11,973	492	14,370	352	11,973	352	11,973	492	14,370	352	11,973
Chariton	290	8,231	218	7,384	362	8,944	290	8,231	218	7,384	362	8,944
Charles City	265	11,909	354	12,539	318	12,326	265	11,909	354	12,539	318	12,326
Cherokee	540	12,611	360	9,936	396	10,781	540	12,611	360	9,936	396	10,781
Clarinda	337	9,219	301	9,014	337	9,219	337	9,219	301	9,014	337	9,219
Clarion	182	4,674	145	3,907	145	3,907	182	4,674	145	3,907	145	3,907
Clinton	513	50,265	724	56,548	391	48,695	258	36,108	330	37,677	212	35,339
Corning	284	3,785	320	3,954	426	4,399	284	3,785	320	3,954	426	4,399
Corydon	372	4,280	337	4,155	289	3,975	372	4,280	337	4,155	289	3,975
Council Bluffs	138	70,979	108	69,802	108	69,802	138	70,979	108	69,802	108	69,802
Cresco	218	6,572	218	6,572	218	6,572	218	6,572	218	6,572	218	6,572
Creston	640	13,620	604	13,295	675	13,837	640	13,620	604	13,295	675	13,837
Davenport	528	169,563	662	175,688	393	163,270	522	151,800	555	153,266	388	145,507
Decorah	665	22,661	563	20,781	665	22,661	593	20,424	491	18,544	593	20,424
Denison	500	13,784	215	9,670	500	13,784	500	13,784	215	9,670	500	13,784
Des Moines	2,641	475,528	2,857	479,254	2,190	460,849	2641	475,528	2,857	479,254	2,190	460,849
Dewitt	84	7,599	54	6,346	84	7,599	84	7,599	54	6,346	84	7,599
Dubuque	1,426	115,516	1,442	115,695	1,248	107,155	1033	95,389	1,033	95,389	997	94,877
Elkader	279	5,305	137	2,921	137	2,921	279	5,305	137	2,921	137	2,921
Emmetsburg	250	5,692	250	5,692	357	7,384	250	5,692	250	5,692	357	7,384

Appendix 5. Populations Based on Basic Service Capacity (Beds), Inpatient Totals, and Outpatient Totals

	Region Totals						Iowa Portions Only					
	Beds		Inpatient Days		Outpatient Visits		Beds		Inpatient Days		Outpatient Visits	
Region Name	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population
Estherville	339	9,600	310	9,380	274	9,008	302	9,228	274	9,008	274	9,008
Fairfield	402	16,620	292	14,949	296	14,763	402	16,620	292	14,949	296	14,763
Fort Dodge	757	41,469	973	45,364	992	45,464	757	41,469	973	45,364	992	45,464
Fort Madison	316	22,767	316	22,767	316	22,767	207	19,326	207	19,326	207	19,326
Greenfield	321	5,037	178	4,085	142	3,908	321	5,037	178	4,085	142	3,908
Grinnell	544	16,977	678	18,742	434	15,905	544	16,977	678	18,742	434	15,905
Grundy Center	180	4,467	108	3,724	72	3,144	180	4,467	108	3,724	72	3,144
Guthrie Center	308	7,037	195	5,456	195	5,456	308	7,037	195	5,456	195	5,456
Guttenberg	165	4,432	164	4,093	128	3,682	129	3,603	129	3,603	93	3,192
Hamburg	191	2,478	161	2,073	161	2,073	122	2,193	92	1,788	92	1,788
Hampton	250	7,316	250	7,316	182	6,828	250	7,316	250	7,316	182	6,828
Harlan	404	11,145	512	12,471	441	11,334	404	11,145	512	12,471	441	11,334
Hawarden	145	4,369	72	3,011	72	3,011	105	3,238	33	2,760	33	2,760
Humboldt	145	6,925	145	6,925	145	6,925	145	6,925	145	6,925	145	6,925
Ida Grove	505	8,757	612	11,016	396	6,134	505	8,757	612	11,016	396	6,134
Independence	107	8,751	71	7,688	71	7,688	107	8,751	71	7,688	71	7,688
Iowa City	1,683	142,967	2,137	152,637	2,005	150,294	1683	142,967	2,137	152,637	2,005	150,294
Iowa Falls	251	8,761	322	11,057	322	11,057	251	8,761	322	11,057	322	11,057
Jefferson	344	8,206	344	8,206	344	8,206	344	8,206	344	8,206	344	8,206
Keokuk	540	27,684	540	27,684	403	23,884	116	15,979	116	15,979	76	15,259
Keosauqua	193	2,983	169	2,304	136	2,062	193	2,983	169	2,304	136	2,062
Knoxville	186	11,686	150	11,175	150	11,175	186	11,686	150	11,175	150	11,175
Lake City	284	4,216	284	4,216	284	4,216	284	4,216	284	4,216	284	4,216
LeMars	180	11,681	180	11,681	216	12,186	180	11,681	180	11,681	216	12,186
Leon	364	4,931	304	4,442	339	4,856	364	4,931	304	4,442	339	4,856
Manchester	217	11,223	326	13,564	217	11,223	217	11,223	326	13,564	217	11,223
Manning	109	2,758	72	2,128	144	3,066	109	2,758	72	2,128	144	3,066
Maquoketa	181	9,691	145	9,029	253	11,010	181	9,691	145	9,029	253	11,010
Marengo	146	4,204	73	3,497	0	0	146	4,204	73	3,497	0	0
Marshalltown	539	37,816	647	40,552	820	50,423	539	37,816	647	40,552	820	50,423
Mason City	1,422	70,996	1,560	74,142	1,560	74,142	1422	70,996	1,560	74,142	1,560	74,142
Missouri Valley	46	4,264	46	4,264	100	4,944	46	4,264	46	4,264	100	4,944

Appendix 5. Populations Based on Basic Service Capacity (Beds), Inpatient Totals, and Outpatient Totals

	Region Totals						Iowa Portions Only					
	Beds		Inpatient Days		Outpatient Visits		Beds		Inpatient Days		Outpatient Visits	
Region Name	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population
Mount Ayr	587	5,369	474	4,896	474	4,896	503	5,045	432	4,733	432	4,733
Mount Pleasant	292	15,905	255	14,798	364	16,945	292	15,905	255	14,798	364	16,945
Muscatine	220	30,553	220	30,553	279	30,951	166	29,747	166	29,747	166	29,747
Nevada	71	7,337	34	6,934	34	6,934	71	7,337	34	6,934	34	6,934
New Hampton	290	8,662	218	7,056	218	7,056	290	8,662	218	7,056	218	7,056
Newton	220	22,177	220	22,177	220	22,177	220	22,177	220	22,177	220	22,177
Oelwein	182	10,739	219	11,090	182	10,739	182	10,739	219	11,090	182	10,739
Onawa	468	7,226	576	9,349	432	6,788	395	6,357	502	8,480	359	5,919
Orange City	108	8,189	180	9,606	180	9,606	108	8,189	180	9,606	180	9,606
Osage	239	6,165	173	5,638	173	5,638	239	6,165	173	5,638	173	5,638
Osceola	179	6,309	179	5,995	215	7,330	179	6,309	179	5,995	215	7,330
Oskaloosa	420	20,392	282	17,029	420	20,392	420	20,392	282	17,029	420	20,392
Ottumwa	624	39,150	729	40,840	790	41,278	624	39,150	729	40,840	790	41,278
Pella	178	13,935	178	13,935	223	15,076	178	13,935	178	13,935	223	15,076
Perry	180	9,928	144	9,588	180	9,928	180	9,928	144	9,588	180	9,928
Pocahontas	363	5,292	145	2,713	253	3,689	363	5,292	145	2,713	253	3,689
Primghar	144	1,858	144	1,858	144	1,858	144	1,858	144	1,858	144	1,858
Red Oak	355	9,960	425	10,395	390	10,194	355	9,960	425	10,395	390	10,194
Rock Rapids	126	3,654	91	3,219	63	3,049	126	3,654	91	3,219	63	3,049
Rock Valley	143	5,542	71	3,927	71	3,927	143	5,542	71	3,927	71	3,927
Sac City	216	5,990	216	5,990	145	4,913	216	5,990	216	5,990	145	4,913
Sheldon	180	6,889	216	8,496	180	6,889	180	6,889	216	8,496	180	6,889
Shenandoah	301	9,145	265	8,876	301	9,145	301	9,145	265	8,876	301	9,145
Sibley	299	6,302	199	4,857	163	4,553	263	5,800	199	4,857	163	4,553
Sigourney	252	4,879	136	3,313	20	2,399	252	4,879	136	3,313	20	2,399
Sioux Center	72	7,313	179	8,858	143	8,240	72	7,313	179	8,858	143	8,240
Sioux City	2,393	150,060	2,481	151,896	2,051	146,444	1397	113,024	1,397	113,024	1,326	112,551
Spencer	573	17,806	643	20,827	536	16,775	573	17,806	643	20,827	536	16,775
Spirit Lake	267	13,302	332	15,689	267	13,302	231	13,017	296	15,404	231	13,017
Storm Lake	361	16,709	469	18,352	577	19,575	361	16,709	469	18,352	577	19,575
Sumner	200	5,095	91	3,065	91	3,065	200	5,095	91	3,065	91	3,065
Vinton	140	7,222	77	6,593	162	8,122	140	7,222	77	6,593	162	8,122

Appendix 5. Populations Based on Basic Service Capacity (Beds), Inpatient Totals, and Outpatient Totals

	Region Totals						Iowa Portions Only					
	Beds		Inpatient Days		Outpatient Visits		Beds		Inpatient Days		Outpatient Visits	
Region Name	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population	Area (sq. miles)	Population
Washington	120	8,901	120	8,901	192	10,227	120	8,901	120	8,901	192	10,227
Waterloo	1,391	152,515	1,849	161,361	1,679	158,917	1391	152,515	1,849	161,361	1,679	158,917
Waukon	251	7,162	251	7,162	251	7,162	251	7,162	251	7,162	251	7,162
Waverly	196	14,660	159	13,669	232	16,345	196	14,660	159	13,669	232	16,345
Webster City	288	10,767	288	10,767	216	10,271	288	10,767	288	10,767	216	10,271
West Burlington	600	46,658	786	51,075	786	51,075	383	42,276	504	43,757	504	43,757
West Union	257	8,619	257	8,619	257	8,619	257	8,619	257	8,619	257	8,619
Winterset	143	6,873	143	6,873	143	6,873	143	6,873	143	6,873	143	6,873

Appendix 6. Center Beds, Area Populations, and Populations as a Percent of State Totals

	Beds		Populations for regions defined on the basis of			Pct. of state population for regions defined by		
	Total	State share	Beds	Inpatient-days	Outpatient visits	Beds	Inpatient-days	Outpatient visits
Region Name		Percent						
Albia	25	0.21	5,848	5,848	5,848	0.20	0.20	0.20
Algona	40	0.34	11,296	11,959	11,959	0.39	0.41	0.41
Ames	200	1.68	70,720	72,336	73,698	2.42	2.47	2.52
Anamosa	25	0.21	9,096	7,555	7,555	0.31	0.26	0.26
Atlantic	71	0.60	16,506	17,815	12,655	0.56	0.61	0.43
Audubon	25	0.21	3,845	3,652	5,031	0.13	0.12	0.17
Belmond	15	0.13	3,523	3,136	3,136	0.12	0.11	0.11
Bloomfield	25	0.21	4,685	4,685	4,990	0.16	0.16	0.17
Boone	57	0.48	19,046	19,046	18,763	0.65	0.65	0.64
Britt	25	0.21	5,625	4,422	4,422	0.19	0.15	0.15
Carroll	99	0.83	17,032	16,821	16,821	0.58	0.57	0.57
Cedar Rapids	750	6.29	208,373	219,135	216,172	7.12	7.49	7.39
Centerville	34	0.29	11,973	14,370	11,973	0.41	0.49	0.41
Chariton	25	0.21	8,231	7,384	8,944	0.28	0.25	0.31
Charles City	25	0.21	11,909	12,539	12,326	0.41	0.43	0.42
Cherokee	67	0.56	12,611	9,936	10,781	0.43	0.34	0.37
Clarinda	30	0.25	9,219	9,014	9,219	0.32	0.31	0.32
Clarion	25	0.21	4,674	3,907	3,907	0.16	0.13	0.13
Clinton	163	1.37	36,108	37,677	35,339	1.23	1.29	1.21
Corning	22	0.18	3,785	3,954	4,399	0.13	0.14	0.15
Corydon	28	0.23	4,280	4,155	3,975	0.15	0.14	0.14
Council Bluffs	496	4.16	70,979	69,802	69,802	2.43	2.39	2.39
Cresco	25	0.21	6,572	6,572	6,572	0.22	0.22	0.22
Creston	80	0.67	13,620	13,295	13,837	0.47	0.45	0.47
Davenport	632	5.30	151,800	153,266	145,507	5.19	5.24	4.97
Decorah	75	0.63	20,424	18,544	20,424	0.70	0.63	0.70
Denison	72	0.60	13,784	9,670	13,784	0.47	0.33	0.47
Des Moines	2414	20.24	475,528	479,254	460,849	16.25	16.38	15.75
Dewitt	13	0.11	7,599	6,346	7,599	0.26	0.22	0.26
Dubuque	508	4.26	95,389	95,389	94,877	3.26	3.26	3.24
Elkader	25	0.21	5,305	2,921	2,921	0.18	0.10	0.10
Emmetsburg	32	0.27	5,692	5,692	7,384	0.19	0.19	0.25
Estherville	58	0.49	9,228	9,008	9,008	0.32	0.31	0.31

Appendix 6. Center Beds, Area Populations, and Populations as a Percent of State Totals

	Beds		Populations for regions defined on the basis of			Pct. of state population for regions defined by		
	Total	State share	Beds	Inpatient-days	Outpatient visits	Beds	Inpatient-days	Outpatient visits
Region Name		Percent						
Fairfield	67	0.56	16,620	14,949	14,763	0.57	0.51	0.50
Fort Dodge	163	1.37	41,469	45,364	45,464	1.42	1.55	1.55
Fort Madison	50	0.42	19,326	19,326	19,326	0.66	0.66	0.66
Greenfield	25	0.21	5,037	4,085	3,908	0.17	0.14	0.13
Grinnell	81	0.68	16,977	18,742	15,905	0.58	0.64	0.54
Grundy Center	25	0.21	4,467	3,724	3,144	0.15	0.13	0.11
Guthrie Center	25	0.21	7,037	5,456	5,456	0.24	0.19	0.19
Guttenberg	25	0.21	3,603	3,603	3,192	0.12	0.12	0.11
Hamburg	25	0.21	2,193	1,788	1,788	0.07	0.06	0.06
Hampton	25	0.21	7,316	7,316	6,828	0.25	0.25	0.23
Harlan	52	0.44	11,145	12,471	11,334	0.38	0.43	0.39
Hawarden	25	0.21	3,238	2,760	2,760	0.11	0.09	0.09
Humboldt	21	0.18	6,925	6,925	6,925	0.24	0.24	0.24
Ida Grove	42	0.35	8,757	11,016	6,134	0.30	0.38	0.21
Independence	25	0.21	8,751	7,688	7,688	0.30	0.26	0.26
Iowa City	1031	8.64	142,967	152,637	150,294	4.89	5.22	5.14
Iowa Falls	30	0.25	8,761	11,057	11,057	0.30	0.38	0.38
Jefferson	25	0.21	8,206	8,206	8,206	0.28	0.28	0.28
Keokuk	97	0.81	15,979	15,979	15,259	0.55	0.55	0.52
Keosauqua	25	0.21	2,983	2,304	2,062	0.10	0.08	0.07
Knoxville	59	0.49	11,686	11,175	11,175	0.40	0.38	0.38
Lake City	49	0.41	4,216	4,216	4,216	0.14	0.14	0.14
LeMars	44	0.37	11,681	11,681	12,186	0.40	0.40	0.42
Leon	25	0.21	4,931	4,442	4,856	0.17	0.15	0.17
Manchester	15	0.13	11,223	13,564	11,223	0.38	0.46	0.38
Manning	17	0.14	2,758	2,128	3,066	0.09	0.07	0.10
Maquoketa	25	0.21	9,691	9,029	11,010	0.33	0.31	0.38
Marengo	25	0.21	4,204	3,497	0	0.14	0.12	0.00
Marshalltown	99	0.83	37,816	40,552	50,423	1.29	1.39	1.72
Mason City	350	2.93	70,996	74,142	74,142	2.43	2.53	2.53
Missouri Valley	25	0.21	4,264	4,264	4,944	0.15	0.15	0.17
Mount Ayr	40	0.34	5,045	4,733	4,733	0.17	0.16	0.16
Mount Pleasant	50	0.42	15,905	14,798	16,945	0.54	0.51	0.58

Appendix 6. Center Beds, Area Populations, and Populations as a Percent of State Totals

	Beds		Populations for regions defined on the basis of			Pct. of state population for regions defined by		
	Total	State share	Beds	Inpatient-days	Outpatient visits	Beds	Inpatient-days	Outpatient visits
Region Name		Percent						
Muscatine	72	0.60	29,747	29,747	29,747	1.02	1.02	1.02
Nevada	25	0.21	7,337	6,934	6,934	0.25	0.24	0.24
New Hampton	25	0.21	8,662	7,056	7,056	0.30	0.24	0.24
Newton	68	0.57	22,177	22,177	22,177	0.76	0.76	0.76
Oelwein	25	0.21	10,739	11,090	10,739	0.37	0.38	0.37
Onawa	48	0.40	6,357	8,480	5,919	0.22	0.29	0.20
Orange City	30	0.25	8,189	9,606	9,606	0.28	0.33	0.33
Osage	25	0.21	6,165	5,638	5,638	0.21	0.19	0.19
Osceola	25	0.21	6,309	5,995	7,330	0.22	0.20	0.25
Oskaloosa	77	0.65	20,392	17,029	20,392	0.70	0.58	0.70
Ottumwa	221	1.85	39,150	40,840	41,278	1.34	1.40	1.41
Pella	47	0.39	13,935	13,935	15,076	0.48	0.48	0.52
Perry	25	0.21	9,928	9,588	9,928	0.34	0.33	0.34
Pocahontas	25	0.21	5,292	2,713	3,689	0.18	0.09	0.13
Primghar	14	0.12	1,858	1,858	1,858	0.06	0.06	0.06
Red Oak	40	0.34	9,960	10,395	10,194	0.34	0.36	0.35
Rock Rapids	25	0.21	3,654	3,219	3,049	0.12	0.11	0.10
Rock Valley	28	0.23	5,542	3,927	3,927	0.19	0.13	0.13
Sac City	33	0.28	5,990	5,990	4,913	0.20	0.20	0.17
Sheldon	28	0.23	6,889	8,496	6,889	0.24	0.29	0.24
Shenandoah	44	0.37	9,145	8,876	9,145	0.31	0.30	0.31
Sibley	32	0.27	5,800	4,857	4,553	0.20	0.17	0.16
Sigourney	25	0.21	4,879	3,313	2,399	0.17	0.11	0.08
Sioux Center	21	0.18	7,313	8,858	8,240	0.25	0.30	0.28
Sioux City	828	6.94	113,024	113,024	112,551	3.86	3.86	3.85
Spencer	99	0.83	17,806	20,827	16,775	0.61	0.71	0.57
Spirit Lake	49	0.41	13,017	15,404	13,017	0.44	0.53	0.44
Storm Lake	54	0.45	16,709	18,352	19,575	0.57	0.63	0.67
Sumner	25	0.21	5,095	3,065	3,065	0.17	0.10	0.10
Vinton	29	0.24	7,222	6,593	8,122	0.25	0.23	0.28
Washington	25	0.21	8,901	8,901	10,227	0.30	0.30	0.35
Waterloo	589	4.94	152,515	161,361	158,917	5.21	5.51	5.43
Waukon	25	0.21	7,162	7,162	7,162	0.24	0.24	0.24

Appendix 6. Center Beds, Area Populations, and Populations as a Percent of State Totals

	Beds		Populations for regions defined on the basis of			Pct. of state population for regions defined by		
	Total	State share	Beds	Inpatient-days	Outpatient visits	Beds	Inpatient-days	Outpatient visits
Region Name		Percent						
Waverly	25	0.21	14,660	13,669	16,345	0.50	0.47	0.56
Webster City	40	0.34	10,767	10,767	10,271	0.37	0.37	0.35
West Burlington	148	1.24	42,276	43,757	43,757	1.44	1.50	1.50
West Union	25	0.21	8,619	8,619	8,619	0.29	0.29	0.29
Winterset	25	0.21	6,873	6,873	6,873	0.23	0.23	0.23

Appendix 7. Activity Summary for Group 1: Infectious and Parasitic Diseases

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,341	22	8	0	0.06	0.11	0.00	68.2	50.0	NA
Algona	40	11,091	58	21	0	0.16	0.30	0.00	100.0	100.0	NA
Ames	200	64,766	480	97	3	1.30	1.39	0.79	40.6	44.3	100.0
Anamosa	25	7,555	24	7	0	0.07	0.10	0.00	66.7	57.1	NA
Atlantic	71	13,022	147	35	0	0.40	0.50	0.00	50.3	60.0	NA
Audubon	25	3,652	50	13	0	0.14	0.19	0.00	76.0	84.6	NA
Belmond	15	3,136	10	4	0	0.03	0.06	0.00	40.0	50.0	NA
Bloomfield	25	4,440	59	14	0	0.16	0.20	0.00	69.5	64.3	NA
Boone	57	20,631	259	48	2	0.70	0.69	0.53	93.4	91.7	50.0
Britt	25	4,001	31	8	0	0.08	0.11	0.00	35.5	25.0	NA
Carroll	99	16,093	149	48	0	0.40	0.69	0.00	63.1	60.4	NA
Cedar Rapids	750	218,972	2,573	417	9	6.99	5.97	2.38	81.7	82.0	0.0
Centerville	34	13,148	137	30	0	0.37	0.43	0.00	83.2	86.7	NA
Chariton	25	8,231	52	17	0	0.14	0.24	0.00	44.2	41.2	NA
Charles City	25	12,539	81	23	0	0.22	0.33	0.00	87.7	82.6	NA
Cherokee	67	9,936	81	33	0	0.22	0.47	0.00	70.4	78.8	NA
Clarinda	30	7,742	23	10	1	0.06	0.14	0.26	60.9	70.0	0.0
Clarion	25	3,907	22	7	1	0.06	0.10	0.26	45.5	42.9	0.0
Clinton	163	58,949	950	183	2	2.58	2.62	0.53	83.2	83.1	100.0
Corning	22	3,159	24	8	1	0.07	0.11	0.26	12.5	25.0	0.0
Corydon	28	4,966	65	15	0	0.18	0.21	0.00	72.3	60.0	NA
Council Bluffs	496	69,802	1,051	205	9	2.85	2.93	2.38	60.0	65.4	0.0
Cresco	25	6,213	27	6	0	0.07	0.09	0.00	51.9	50.0	NA
Creston	80	12,036	76	29	1	0.21	0.42	0.26	48.7	51.7	0.0
Davenport	632	163,270	1,551	286	9	4.21	4.09	2.38	82.9	78.3	55.6
Decorah	75	19,861	74	24	1	0.20	0.34	0.26	71.6	62.5	0.0
Denison	72	9,896	57	18	0	0.15	0.26	0.00	45.6	50.0	NA
Des Moines	2,414	477,536	7,014	1,043	30	19.05	14.93	7.94	81.3	84.5	76.7
Dewitt	13	7,599	56	18	0	0.15	0.26	0.00	37.5	44.4	NA
Dubuque	508	116,192	1,544	334	3	4.19	4.78	0.79	70.5	75.1	66.7
Elkader	25	3,158	19	7	0	0.05	0.10	0.00	73.7	57.1	NA
Emmetsburg	32	7,254	73	29	0	0.20	0.42	0.00	87.7	89.7	NA

Appendix 7. Activity Summary for Group 1: Infectious and Parasitic Diseases

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	9,680	120	30	0	0.33	0.43	0.00	81.7	76.7	NA
Fairfield	67	12,735	78	21	2	0.21	0.30	0.53	74.4	66.7	50.0
Fort Dodge	163	45,214	742	145	8	2.01	2.08	2.12	81.1	81.4	50.0
Fort Madison	50	21,678	195	49	1	0.53	0.70	0.26	69.2	71.4	0.0
Greenfield	25	5,457	47	10	0	0.13	0.14	0.00	74.5	80.0	NA
Grinnell	81	16,345	120	40	1	0.33	0.57	0.26	48.3	52.5	0.0
Grundy Center	25	3,724	18	4	0	0.05	0.06	0.00	83.3	75.0	NA
Guthrie Center	25	5,456	27	7	0	0.07	0.10	0.00	66.7	57.1	NA
Guttenberg	25	4,432	62	18	0	0.17	0.26	0.00	40.3	38.9	NA
Hamburg	25	2,073	33	9	0	0.09	0.13	0.00	48.5	55.6	NA
Hampton	25	7,316	91	7	3	0.25	0.10	0.79	100.0	100.0	66.7
Harlan	52	12,471	263	47	0	0.71	0.67	0.00	70.3	80.9	NA
Hawarden	25	3,011	29	10	0	0.08	0.14	0.00	86.2	90.0	NA
Humboldt	21	6,925	69	19	2	0.19	0.27	0.53	53.6	57.9	100.0
Ida Grove	42	6,134	67	13	0	0.18	0.19	0.00	62.7	61.5	NA
Independence	25	7,688	62	17	1	0.17	0.24	0.26	62.9	64.7	0.0
Iowa City	1,031	150,601	3,997	467	206	10.85	6.68	54.50	28.5	37.5	25.2
Iowa Falls	30	13,747	180	47	1	0.49	0.67	0.26	73.3	78.7	0.0
Jefferson	25	8,021	79	23	1	0.21	0.33	0.26	84.8	87.0	0.0
Keokuk	97	28,356	357	84	0	0.97	1.20	0.00	91.6	89.3	NA
Keosauqua	25	2,983	52	14	0	0.14	0.20	0.00	82.7	78.6	NA
Knoxville	59	11,175	68	10	2	0.18	0.14	0.53	100.0	100.0	100.0
Lake City	49	4,216	114	26	0	0.31	0.37	0.00	13.2	19.2	NA
LeMars	44	11,681	174	54	1	0.47	0.77	0.26	82.8	72.2	0.0
Leon	25	3,802	19	8	0	0.05	0.11	0.00	36.8	25.0	NA
Manchester	15	13,564	79	25	0	0.21	0.36	0.00	65.8	64.0	NA
Manning	17	3,415	50	13	0	0.14	0.19	0.00	62.0	53.8	NA
Maquoketa	25	11,010	119	30	0	0.32	0.43	0.00	89.1	83.3	NA
Marengo	25	3,497	12	4	0	0.03	0.06	0.00	25.0	25.0	NA
Marshalltown	99	47,165	436	119	1	1.18	1.70	0.26	77.8	86.6	0.0
Mason City	350	75,723	1,145	260	3	3.11	3.72	0.79	65.2	64.2	66.7
Missouri Valley	25	4,944	135	30	1	0.37	0.43	0.26	34.8	26.7	0.0

Appendix 7. Activity Summary for Group 1: Infectious and Parasitic Diseases

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	6,293	71	20	1	0.19	0.29	0.26	81.7	90.0	0.0
Mount Pleasant	50	14,798	128	28	0	0.35	0.40	0.00	46.1	57.1	NA
Muscatine	72	30,553	195	47	3	0.53	0.67	0.79	76.4	74.5	100.0
Nevada	25	6,934	8	4	0	0.02	0.06	0.00	100.0	100.0	NA
New Hampton	25	7,056	33	10	0	0.09	0.14	0.00	33.3	40.0	NA
Newton	68	22,177	209	51	0	0.57	0.73	0.00	81.8	76.5	NA
Oelwein	25	11,090	86	27	0	0.23	0.39	0.00	89.5	85.2	NA
Onawa	48	9,349	160	37	1	0.43	0.53	0.26	53.8	59.5	0.0
Orange City	30	9,295	140	29	0	0.38	0.42	0.00	72.1	58.6	NA
Osage	25	5,331	36	16	0	0.10	0.23	0.00	55.6	50.0	NA
Osceola	25	6,502	53	12	0	0.14	0.17	0.00	88.7	83.3	NA
Oskaloosa	77	16,079	47	13	1	0.13	0.19	0.26	68.1	76.9	0.0
Ottumwa	221	48,056	801	172	4	2.18	2.46	1.06	76.8	81.4	75.0
Pella	47	13,935	114	36	2	0.31	0.52	0.53	57.0	52.8	50.0
Perry	25	10,498	79	18	1	0.21	0.26	0.26	100.0	100.0	0.0
Pocahontas	25	2,713	19	5	0	0.05	0.07	0.00	26.3	20.0	NA
Primghar	14	1,858	14	3	0	0.04	0.04	0.00	14.3	33.3	NA
Red Oak	40	15,314	352	78	0	0.96	1.12	0.00	83.5	84.6	NA
Rock Rapids	25	3,049	32	8	1	0.09	0.11	0.26	43.8	50.0	0.0
Rock Valley	28	3,927	37	9	0	0.10	0.13	0.00	89.2	88.9	NA
Sac City	33	7,478	137	36	0	0.37	0.52	0.00	53.3	58.3	NA
Sheldon	28	9,890	130	34	0	0.35	0.49	0.00	66.9	61.8	NA
Shenandoah	44	9,693	157	44	0	0.43	0.63	0.00	73.9	72.7	NA
Sibley	32	7,057	93	17	0	0.25	0.24	0.00	61.3	47.1	NA
Sigourney	25	3,080	7	2	0	0.02	0.03	0.00	100.0	100.0	NA
Sioux Center	21	8,240	113	16	0	0.31	0.23	0.00	88.5	68.8	NA
Sioux City	828	153,399	3,406	493	11	9.25	7.06	2.91	85.0	86.6	90.9
Spencer	99	20,911	217	59	4	0.59	0.84	1.06	63.6	67.8	75.0
Spirit Lake	49	11,957	61	21	7	0.17	0.30	1.85	39.3	47.6	57.1
Storm Lake	54	16,946	145	53	3	0.39	0.76	0.79	50.3	54.7	100.0
Sumner	25	3,493	56	12	0	0.15	0.17	0.00	48.2	58.3	NA
Vinton	29	6,593	29	11	2	0.08	0.16	0.53	75.9	72.7	100.0

Appendix 7. Activity Summary for Group 1: Infectious and Parasitic Diseases

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	8,901	77	17	1	0.21	0.24	0.26	68.8	70.6	0.0
Waterloo	589	164,564	2,400	526	20	6.52	7.53	5.29	85.4	86.1	75.0
Waukon	25	6,221	17	7	0	0.05	0.10	0.00	94.1	85.7	NA
Waverly	25	13,053	74	29	3	0.20	0.42	0.79	47.3	44.8	100.0
Webster City	40	11,056	204	51	3	0.55	0.73	0.79	59.3	74.5	66.7
West Burlington	148	52,491	837	193	4	2.27	2.76	1.06	82.9	81.9	50.0
West Union	25	8,619	27	12	0	0.07	0.17	0.00	59.3	41.7	NA
Winterset	25	7,712	145	25	0	0.39	0.36	0.00	88.3	84.0	NA
State totals	11,927	2,926,324	36,824	6,986	378	100.00	100.00	100.00	71.6	73.9	40.2

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 8. Activity Summary for Group 2: Neoplasms

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,848	92	23	72	0.09	0.14	0.28	59.8	65.2	79.2
Algona	40	12,785	166	29	124	0.16	0.18	0.49	84.3	82.8	84.7
Ames	200	77,754	3,127	546	687	3.03	3.31	2.69	35.6	37.4	55.7
Anamosa	25	7,555	17	6	66	0.02	0.04	0.26	23.5	33.3	54.5
Atlantic	71	14,147	251	40	50	0.24	0.24	0.20	55.4	62.5	70.0
Audubon	25	3,845	119	21	96	0.12	0.13	0.38	94.1	90.5	87.5
Belmond	15	0	0	0	29	0.00	0.00	0.11	NA	NA	62.1
Bloomfield	25	4,990	187	34	86	0.18	0.21	0.34	82.4	82.4	62.8
Boone	57	18,363	315	59	176	0.31	0.36	0.69	73.0	72.9	79.5
Britt	25	2,758	26	7	97	0.03	0.04	0.38	76.9	71.4	55.7
Carroll	99	18,012	490	75	106	0.48	0.45	0.41	66.9	73.3	52.8
Cedar Rapids	750	211,722	6,982	1,242	2,595	6.77	7.52	10.15	72.1	71.8	84.7
Centerville	34	14,370	360	52	120	0.35	0.32	0.47	81.1	82.7	80.8
Chariton	25	7,719	101	22	71	0.10	0.13	0.28	80.2	77.3	66.2
Charles City	25	12,326	117	23	89	0.11	0.14	0.35	72.6	69.6	74.2
Cherokee	67	9,717	128	24	95	0.12	0.15	0.37	78.1	70.8	87.4
Clarinda	30	9,014	92	13	80	0.09	0.08	0.31	77.2	69.2	66.3
Clarion	25	3,907	46	12	49	0.04	0.07	0.19	28.3	41.7	42.9
Clinton	163	54,307	1,427	247	178	1.38	1.50	0.70	88.9	85.4	77.0
Corning	22	3,785	85	19	57	0.08	0.12	0.22	48.2	47.4	52.6
Corydon	28	3,660	43	8	33	0.04	0.05	0.13	74.4	75.0	60.6
Council Bluffs	496	70,979	3,355	483	863	3.25	2.93	3.38	56.4	55.1	67.9
Cresco	25	5,165	23	5	56	0.02	0.03	0.22	73.9	60.0	57.1
Creston	80	15,441	328	51	92	0.32	0.31	0.36	57.3	62.7	69.6
Davenport	632	171,029	5,489	936	1,420	5.32	5.67	5.56	74.0	71.2	73.6
Decorah	75	23,318	334	63	266	0.32	0.38	1.04	76.3	69.8	72.6
Denison	72	9,670	57	17	122	0.06	0.10	0.48	57.9	58.8	82.0
Des Moines	2,414	482,912	24,867	3,533	3,367	24.11	21.41	13.18	68.3	71.1	84.4
Dewitt	13	6,346	27	7	75	0.03	0.04	0.29	29.6	28.6	64.0
Dubuque	508	119,394	3,574	679	1,049	3.47	4.11	4.10	72.3	70.0	77.1
Elkader	25	2,921	23	6	30	0.02	0.04	0.12	56.5	66.7	56.7
Emmetsburg	32	5,141	80	21	110	0.08	0.13	0.43	75.0	71.4	68.2

Appendix 8. Activity Summary for Group 2: Neoplasms

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	8,922	183	36	42	0.18	0.22	0.16	80.9	83.3	83.3
Fairfield	67	12,735	156	36	198	0.15	0.22	0.77	80.8	72.2	81.8
Fort Dodge	163	44,204	1,102	187	422	1.07	1.13	1.65	62.0	63.6	74.2
Fort Madison	50	18,075	194	49	87	0.19	0.30	0.34	47.4	51.0	48.3
Greenfield	25	3,908	27	5	3	0.03	0.03	0.01	74.1	60.0	100.0
Grinnell	81	19,023	623	116	62	0.60	0.70	0.24	77.0	71.6	58.1
Grundy Center	25	3,724	97	19	12	0.09	0.12	0.05	18.6	36.8	58.3
Guthrie Center	25	6,424	61	11	18	0.06	0.07	0.07	67.2	63.6	38.9
Guttenberg	25	3,682	68	16	25	0.07	0.10	0.10	32.4	43.8	40.0
Hamburg	25	1,880	36	9	35	0.03	0.05	0.14	5.6	11.1	14.3
Hampton	25	5,388	25	13	34	0.02	0.08	0.13	48.0	53.8	55.9
Harlan	52	9,911	190	31	99	0.18	0.19	0.39	55.8	67.7	65.7
Hawarden	25	3,011	4	2	5	0.00	0.01	0.02	100.0	100.0	40.0
Humboldt	21	6,574	60	16	69	0.06	0.10	0.27	70.0	68.8	73.9
Ida Grove	42	11,016	171	29	15	0.17	0.18	0.06	80.7	86.2	46.7
Independence	25	7,688	136	27	52	0.13	0.16	0.20	59.6	59.3	69.2
Iowa City	1,031	180,939	22,366	2,859	2,589	21.69	17.32	10.13	21.8	24.6	44.1
Iowa Falls	30	8,698	86	19	16	0.08	0.12	0.06	52.3	68.4	56.3
Jefferson	25	6,694	119	19	77	0.12	0.12	0.30	51.3	78.9	70.1
Keokuk	97	23,276	366	75	299	0.35	0.45	1.17	57.4	61.3	83.9
Keosauqua	25	2,304	60	18	2	0.06	0.11	0.01	28.3	27.8	0.0
Knoxville	59	11,175	144	30	51	0.14	0.18	0.20	86.1	90.0	68.6
Lake City	49	5,819	311	56	210	0.30	0.34	0.82	35.7	35.7	47.1
LeMars	44	11,681	261	54	88	0.25	0.33	0.34	67.4	74.1	68.2
Leon	25	4,442	48	12	37	0.05	0.07	0.14	79.2	75.0	51.4
Manchester	15	9,575	67	13	69	0.06	0.08	0.27	31.3	30.8	56.5
Manning	17	3,852	83	25	31	0.08	0.15	0.12	80.7	80.0	58.1
Maquoketa	25	7,736	31	12	85	0.03	0.07	0.33	71.0	75.0	57.6
Marengo	25	0	4	1	0	0.00	0.01	0.00	0.0	0.0	NA
Marshalltown	99	37,322	672	145	230	0.65	0.88	0.90	70.7	71.7	75.7
Mason City	350	82,426	2,487	566	993	2.41	3.43	3.89	50.7	51.4	68.8
Missouri Valley	25	4,264	34	8	49	0.03	0.05	0.19	44.1	25.0	40.8

Appendix 8. Activity Summary for Group 2: Neoplasms

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	5,091	135	26	64	0.13	0.16	0.25	68.1	57.7	81.3
Mount Pleasant	50	14,344	227	38	134	0.22	0.23	0.52	61.7	57.9	64.9
Muscatine	72	30,185	583	93	274	0.57	0.56	1.07	84.0	82.8	78.8
Nevada	25	6,934	43	6	35	0.04	0.04	0.14	79.1	66.7	51.4
New Hampton	25	5,771	22	4	74	0.02	0.02	0.29	81.8	75.0	56.8
Newton	68	22,177	535	116	139	0.52	0.70	0.54	80.2	83.6	73.4
Oelwein	25	11,871	238	40	42	0.23	0.24	0.16	78.2	75.0	69.0
Onawa	48	8,550	182	30	99	0.18	0.18	0.39	37.9	30.0	61.6
Orange City	30	9,295	200	28	118	0.19	0.17	0.46	68.5	60.7	55.9
Osage	25	4,767	25	8	134	0.02	0.05	0.52	40.0	37.5	64.9
Osceola	25	5,995	120	19	48	0.12	0.12	0.19	76.7	63.2	62.5
Oskaloosa	77	17,029	182	38	183	0.18	0.23	0.72	73.1	68.4	76.5
Ottumwa	221	42,115	1,171	195	552	1.14	1.18	2.16	76.1	70.3	75.7
Pella	47	13,935	206	59	185	0.20	0.36	0.72	44.2	35.6	55.1
Perry	25	9,088	47	14	100	0.05	0.08	0.39	85.1	85.7	86.0
Pocahontas	25	3,940	82	19	73	0.08	0.12	0.29	73.2	73.7	64.4
Primghar	14	1,858	57	9	46	0.06	0.05	0.18	3.5	11.1	37.0
Red Oak	40	10,161	313	47	125	0.30	0.28	0.49	62.9	63.8	72.8
Rock Rapids	25	3,654	103	19	18	0.10	0.12	0.07	71.8	84.2	66.7
Rock Valley	28	3,927	48	12	19	0.05	0.07	0.07	91.7	91.7	73.7
Sac City	33	5,760	115	22	58	0.11	0.13	0.23	56.5	63.6	81.0
Sheldon	28	6,889	144	30	69	0.14	0.18	0.27	52.8	53.3	76.8
Shenandoah	44	9,145	160	37	79	0.16	0.22	0.31	66.9	64.9	62.0
Sibley	32	5,800	158	28	35	0.15	0.17	0.14	29.7	35.7	48.6
Sigourney	25	3,080	8	2	0	0.01	0.01	0.00	87.5	50.0	NA
Sioux Center	21	8,240	248	34	60	0.24	0.21	0.23	94.0	88.2	66.7
Sioux City	828	153,124	7,386	1,165	643	7.16	7.06	2.52	66.1	67.8	75.4
Spencer	99	19,651	496	111	205	0.48	0.67	0.80	41.9	38.7	62.0
Spirit Lake	49	15,689	317	63	109	0.31	0.38	0.43	81.1	79.4	80.7
Storm Lake	54	18,129	237	57	94	0.23	0.35	0.37	67.5	70.2	56.4
Sumner	25	3,065	38	10	22	0.04	0.06	0.09	68.4	70.0	72.7
Vinton	29	6,593	43	8	178	0.04	0.05	0.70	100.0	100.0	47.2

Appendix 8. Activity Summary for Group 2: Neoplasms

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	8,327	95	19	82	0.09	0.12	0.32	38.9	42.1	65.9
Waterloo	589	170,302	4,285	806	1,671	4.15	4.88	6.54	80.4	77.3	81.7
Waukon	25	6,221	75	20	105	0.07	0.12	0.41	49.3	50.0	62.9
Waverly	25	11,380	68	21	199	0.07	0.13	0.78	42.6	33.3	61.3
Webster City	40	10,271	187	28	156	0.18	0.17	0.61	48.1	71.4	63.5
West Burlington	148	54,354	1,813	378	754	1.76	2.29	2.95	69.7	69.0	76.0
West Union	25	7,629	53	13	69	0.05	0.08	0.27	60.4	61.5	55.1
Winterset	25	6,873	95	16	95	0.09	0.10	0.37	72.6	56.3	64.2
State Totals	11,927		103,140	16,505	25,555	100.00	100.00	100.00	57.5	60.0	71.2

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 9. Activity Summary for Group 3: Endocrine, nutritional, and metabolic diseases

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,848	29	8	0	0.06	0.07	0.00	86.2	87.5	NA
Algona	40	12,785	103	30	0	0.21	0.26	0.00	71.8	76.7	NA
Ames	200	77,877	1,903	407	1	3.81	3.52	0.18	46.8	52.1	0.0
Anamosa	25	7,555	27	9	0	0.05	0.08	0.00	48.1	44.4	NA
Atlantic	71	18,762	262	66	0	0.53	0.57	0.00	72.9	75.8	NA
Audubon	25	3,206	31	7	0	0.06	0.06	0.00	100.0	100.0	NA
Belmond	15	3,136	9	3	0	0.02	0.03	0.00	44.4	33.3	NA
Bloomfield	25	4,685	84	23	1	0.17	0.20	0.18	70.2	56.5	0.0
Boone	57	18,363	234	63	5	0.47	0.54	0.88	67.1	60.3	100.0
Britt	25	4,422	33	12	0	0.07	0.10	0.00	66.7	58.3	NA
Carroll	99	16,093	176	47	0	0.35	0.41	0.00	60.2	59.6	NA
Cedar Rapids	750	214,806	3,503	861	9	7.02	7.44	1.58	81.7	83.2	77.8
Centerville	34	15,101	402	81	0	0.81	0.70	0.00	89.8	91.4	NA
Chariton	25	7,384	67	18	1	0.13	0.16	0.18	62.7	61.1	0.0
Charles City	25	12,539	189	59	0	0.38	0.51	0.00	73.0	78.0	NA
Cherokee	67	10,781	114	43	0	0.23	0.37	0.00	75.4	72.1	NA
Clarinda	30	9,576	153	53	1	0.31	0.46	0.18	83.0	75.5	0.0
Clarion	25	3,907	42	14	0	0.08	0.12	0.00	54.8	57.1	NA
Clinton	163	56,935	1,190	236	0	2.39	2.04	0.00	88.0	85.6	NA
Corning	22	3,954	80	24	0	0.16	0.21	0.00	30.0	33.3	NA
Corydon	28	4,280	94	27	0	0.19	0.23	0.00	50.0	51.9	NA
Council Bluffs	496	69,802	1,490	359	2	2.99	3.10	0.35	59.7	59.6	0.0
Cresco	25	5,165	20	11	2	0.04	0.10	0.35	25.0	36.4	50.0
Creston	80	13,295	210	64	3	0.42	0.55	0.53	66.7	70.3	66.7
Davenport	632	163,270	2,461	493	7	4.93	4.26	1.23	77.9	74.2	28.6
Decorah	75	20,781	140	37	0	0.28	0.32	0.00	78.6	78.4	NA
Denison	72	9,670	74	28	1	0.15	0.24	0.18	62.2	60.7	0.0
Des Moines	2,414	467,420	8,974	1,861	36	17.99	16.08	6.32	81.7	85.8	80.6
Dewitt	13	7,599	95	36	0	0.19	0.31	0.00	54.7	50.0	NA
Dubuque	508	117,267	1,617	383	10	3.24	3.31	1.75	76.9	79.4	80.0
Elkader	25	4,771	38	11	1	0.08	0.10	0.18	63.2	72.7	0.0
Emmetsburg	32	5,141	44	22	0	0.09	0.19	0.00	52.3	54.5	NA

Appendix 9. Activity Summary for Group 3: Endocrine, nutritional, and metabolic diseases

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	9,900	167	59	2	0.33	0.51	0.35	88.6	88.1	50.0
Fairfield	67	14,949	134	41	1	0.27	0.35	0.18	68.7	63.4	0.0
Fort Dodge	163	46,793	1,027	277	0	2.06	2.39	0.00	79.9	79.8	NA
Fort Madison	50	24,937	480	142	5	0.96	1.23	0.88	86.3	83.1	60.0
Greenfield	25	4,085	43	15	0	0.09	0.13	0.00	60.5	60.0	NA
Grinnell	81	24,927	987	271	0	1.98	2.34	0.00	28.6	30.3	NA
Grundy Center	25	4,015	82	26	0	0.16	0.22	0.00	50.0	53.8	NA
Guthrie Center	25	6,424	51	15	0	0.10	0.13	0.00	52.9	66.7	NA
Guttenberg	25	3,682	30	10	0	0.06	0.09	0.00	93.3	80.0	NA
Hamburg	25	2,073	31	9	3	0.06	0.08	0.53	19.4	22.2	0.0
Hampton	25	7,316	66	17	0	0.13	0.15	0.00	77.3	58.8	NA
Harlan	52	13,110	295	80	1	0.59	0.69	0.18	73.2	83.8	0.0
Hawarden	25	3,011	39	13	0	0.08	0.11	0.00	53.8	53.8	NA
Humboldt	21	6,574	62	25	0	0.12	0.22	0.00	72.6	76.0	NA
Ida Grove	42	11,016	170	40	0	0.34	0.35	0.00	93.5	92.5	NA
Independence	25	9,256	128	45	0	0.26	0.39	0.00	75.8	68.9	NA
Iowa City	1,031	153,301	6,613	1,027	293	13.26	8.87	51.40	33.0	35.3	19.8
Iowa Falls	30	10,750	109	38	0	0.22	0.33	0.00	65.1	71.1	NA
Jefferson	25	8,021	89	22	0	0.18	0.19	0.00	49.4	54.5	NA
Keokuk	97	21,358	254	74	48	0.51	0.64	8.42	64.2	64.9	83.3
Keosauqua	25	2,304	50	19	0	0.10	0.16	0.00	48.0	52.6	NA
Knoxville	59	11,686	238	58	1	0.48	0.50	0.18	86.6	79.3	0.0
Lake City	49	4,385	200	48	0	0.40	0.41	0.00	34.0	33.3	NA
LeMars	44	11,681	171	61	2	0.34	0.53	0.35	60.8	57.4	100.0
Leon	25	4,442	34	12	0	0.07	0.10	0.00	67.6	58.3	NA
Manchester	15	11,223	68	19	0	0.14	0.16	0.00	47.1	42.1	NA
Manning	17	2,758	35	10	1	0.07	0.09	0.18	28.6	30.0	0.0
Maquoketa	25	11,010	149	36	0	0.30	0.31	0.00	81.9	72.2	NA
Marengo	25	3,497	16	7	0	0.03	0.06	0.00	81.3	85.7	NA
Marshalltown	99	39,398	647	143	1	1.30	1.24	0.18	76.4	77.6	0.0
Mason City	350	70,885	954	315	7	1.91	2.72	1.23	55.8	62.2	57.1
Missouri Valley	25	4,264	113	36	5	0.23	0.31	0.88	57.5	61.1	0.0

Appendix 9. Activity Summary for Group 3: Endocrine, nutritional, and metabolic diseases

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	5,091	89	25	1	0.18	0.22	0.18	75.3	76.0	0.0
Mount Pleasant	50	14,012	126	36	4	0.25	0.31	0.70	56.3	61.1	50.0
Muscatine	72	31,901	611	149	2	1.22	1.29	0.35	86.4	85.9	50.0
Nevada	25	6,934	23	6	0	0.05	0.05	0.00	47.8	66.7	NA
New Hampton	25	8,403	96	25	0	0.19	0.22	0.00	64.6	72.0	NA
Newton	68	22,177	369	100	0	0.74	0.86	0.00	75.1	76.0	NA
Oelwein	25	11,090	118	40	0	0.24	0.35	0.00	91.5	90.0	NA
Onawa	48	10,471	327	88	0	0.66	0.76	0.00	69.7	68.2	NA
Orange City	30	9,606	258	73	1	0.52	0.63	0.18	64.0	52.1	0.0
Osage	25	6,165	89	30	0	0.18	0.26	0.00	61.8	63.3	NA
Osceola	25	7,523	88	20	3	0.18	0.17	0.53	48.9	50.0	100.0
Oskaloosa	77	16,604	94	28	4	0.19	0.24	0.70	72.3	78.6	100.0
Ottumwa	221	39,476	561	173	1	1.12	1.49	0.18	82.4	81.5	0.0
Pella	47	13,935	304	98	0	0.61	0.85	0.00	45.4	45.9	NA
Perry	25	9,088	32	10	0	0.06	0.09	0.00	62.5	70.0	NA
Pocahontas	25	3,087	34	12	0	0.07	0.10	0.00	23.5	33.3	NA
Primghar	14	1,858	19	7	0	0.04	0.06	0.00	21.1	28.6	NA
Red Oak	40	10,161	201	51	1	0.40	0.44	0.18	69.2	62.7	0.0
Rock Rapids	25	3,049	38	11	0	0.08	0.10	0.00	60.5	63.6	NA
Rock Valley	28	3,927	51	12	0	0.10	0.10	0.00	100.0	100.0	NA
Sac City	33	6,481	132	41	1	0.26	0.35	0.18	76.5	80.5	0.0
Sheldon	28	8,496	126	32	6	0.25	0.28	1.05	87.3	78.1	100.0
Shenandoah	44	9,336	146	43	0	0.29	0.37	0.00	86.3	88.4	NA
Sibley	32	3,780	58	12	0	0.12	0.10	0.00	72.4	75.0	NA
Sigourney	25	3,080	6	2	0	0.01	0.02	0.00	50.0	50.0	NA
Sioux Center	21	11,353	434	14	0	0.87	0.12	0.00	98.8	85.7	NA
Sioux City	828	152,009	3,813	744	7	7.64	6.43	1.23	71.1	79.7	42.9
Spencer	99	18,824	246	52	1	0.49	0.45	0.18	72.0	71.2	0.0
Spirit Lake	49	13,302	104	35	0	0.21	0.30	0.00	45.2	51.4	NA
Storm Lake	54	15,689	134	45	0	0.27	0.39	0.00	77.6	73.3	NA
Sumner	25	5,095	88	34	1	0.18	0.29	0.18	47.7	47.1	0.0
Vinton	29	6,593	65	26	19	0.13	0.22	3.33	84.6	84.6	78.9

Appendix 9. Activity Summary for Group 3: Endocrine, nutritional, and metabolic diseases

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	8,901	115	24	2	0.23	0.21	0.35	68.7	50.0	50.0
Waterloo	589	153,207	2,051	640	14	4.11	5.53	2.46	81.7	83.8	92.9
Waukon	25	7,335	78	26	0	0.16	0.22	0.00	59.0	57.7	NA
Waverly	25	13,669	84	36	1	0.17	0.31	0.18	61.9	55.6	0.0
Webster City	40	10,767	279	77	0	0.56	0.67	0.00	57.7	63.6	NA
West Burlington	148	48,725	835	235	51	1.67	2.03	8.95	77.1	77.4	82.4
West Union	25	8,619	51	22	0	0.10	0.19	0.00	39.2	36.4	NA
Winterset	25	6,873	96	32	0	0.19	0.28	0.00	70.8	78.1	NA
State Totals	11,927		49,889	11,572	570	100.00	100.00	100.00	68.1	70.8	44.2

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 10. Activity Summary for Group 4: Diseases of the blood and blood-forming organs

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,848	19	5	0	0.15	0.18	0.00	84.2	60.0	NA
Algona	40	11,091	18	9	15	0.14	0.32	0.99	77.8	77.8	93.3
Ames	200	77,877	397	83	90	3.20	2.92	5.94	36.8	38.6	61.1
Anamosa	25	7,555	14	5	3	0.11	0.18	0.20	64.3	80.0	33.3
Atlantic	71	20,375	143	34	2	1.15	1.19	0.13	96.5	94.1	50.0
Audubon	25	3,206	8	4	1	0.06	0.14	0.07	100.0	100.0	0.0
Belmond	15	0	2	2	0	0.02	0.07	0.00	0.0	0.0	NA
Bloomfield	25	7,627	55	14	3	0.44	0.49	0.20	89.1	71.4	66.7
Boone	57	20,049	100	19	6	0.81	0.67	0.40	42.0	57.9	50.0
Britt	25	4,422	9	4	0	0.07	0.14	0.00	55.6	75.0	NA
Carroll	99	16,821	51	16	15	0.41	0.56	0.99	88.2	87.5	86.7
Cedar Rapids	750	198,879	558	135	104	4.49	4.74	6.86	74.7	79.3	82.7
Centerville	34	14,370	48	9	1	0.39	0.32	0.07	87.5	77.8	0.0
Chariton	25	7,384	7	2	7	0.06	0.07	0.46	100.0	100.0	57.1
Charles City	25	12,326	15	5	14	0.12	0.18	0.92	86.7	80.0	71.4
Cherokee	67	9,292	9	2	8	0.07	0.07	0.53	100.0	100.0	100.0
Clarinda	30	13,875	76	22	8	0.61	0.77	0.53	90.8	86.4	87.5
Clarion	25	6,099	33	10	1	0.27	0.35	0.07	27.3	40.0	0.0
Clinton	163	57,777	295	58	2	2.38	2.04	0.13	91.2	86.2	100.0
Corning	22	3,785	25	6	10	0.20	0.21	0.66	72.0	50.0	80.0
Corydon	28	4,155	15	5	0	0.12	0.18	0.00	66.7	60.0	NA
Council Bluffs	496	70,979	449	84	10	3.61	2.95	0.66	40.8	40.5	60.0
Cresco	25	6,213	7	4	6	0.06	0.14	0.40	100.0	100.0	66.7
Creston	80	17,213	80	20	1	0.64	0.70	0.07	91.3	90.0	0.0
Davenport	632	181,664	832	154	110	6.70	5.41	7.26	83.7	83.1	82.7
Decorah	75	18,824	31	11	6	0.25	0.39	0.40	67.7	63.6	66.7
Denison	72	10,546	26	11	2	0.21	0.39	0.13	92.3	90.9	50.0
Des Moines	2,414	481,100	2,518	537	174	20.27	18.87	11.48	77.3	80.4	87.4
Dewitt	13	0	1	1	0	0.01	0.04	0.00	0.0	0.0	NA
Dubuque	508	117,088	389	118	59	3.13	4.15	3.89	73.0	74.6	74.6
Elkader	25	4,771	15	6	1	0.12	0.21	0.07	26.7	33.3	0.0
Emmetsburg	32	7,470	21	10	1	0.17	0.35	0.07	47.6	60.0	0.0

Appendix 10. Activity Summary for Group 4: Diseases of the blood and blood-forming organs

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	8,747	21	9	2	0.17	0.32	0.13	85.7	88.9	100.0
Fairfield	67	12,735	21	6	4	0.17	0.21	0.26	71.4	66.7	75.0
Fort Dodge	163	39,753	111	35	19	0.89	1.23	1.25	69.4	71.4	84.2
Fort Madison	50	22,767	53	19	13	0.43	0.67	0.86	96.2	89.5	76.9
Greenfield	25	3,908	4	3	0	0.03	0.11	0.00	75.0	66.7	NA
Grinnell	81	17,562	51	14	10	0.41	0.49	0.66	62.7	64.3	40.0
Grundy Center	25	3,724	9	1	0	0.07	0.04	0.00	100.0	100.0	NA
Guthrie Center	25	7,232	21	5	1	0.17	0.18	0.07	9.5	20.0	0.0
Guttenberg	25	2,721	5	2	0	0.04	0.07	0.00	0.0	0.0	NA
Hamburg	25	1,880	4	1	0	0.03	0.04	0.00	0.0	0.0	NA
Hampton	25	7,316	18	5	0	0.14	0.18	0.00	83.3	80.0	NA
Harlan	52	8,963	35	9	3	0.28	0.32	0.20	100.0	100.0	66.7
Hawarden	25	3,011	10	4	1	0.08	0.14	0.07	50.0	50.0	0.0
Humboldt	21	9,605	42	11	5	0.34	0.39	0.33	92.9	81.8	60.0
Ida Grove	42	14,812	87	23	5	0.70	0.81	0.33	100.0	100.0	60.0
Independence	25	8,751	28	10	0	0.23	0.35	0.00	89.3	90.0	NA
Iowa City	1,031	172,482	2,569	400	170	20.68	14.05	11.21	18.9	24.0	38.2
Iowa Falls	30	10,750	20	8	6	0.16	0.28	0.40	60.0	50.0	83.3
Jefferson	25	8,776	30	6	1	0.24	0.21	0.07	86.7	83.3	0.0
Keokuk	97	20,106	34	11	6	0.27	0.39	0.40	26.5	36.4	83.3
Keosauqua	25	5,063	44	13	2	0.35	0.46	0.13	36.4	38.5	0.0
Knoxville	59	11,175	26	9	5	0.21	0.32	0.33	76.9	77.8	60.0
Lake City	49	4,216	28	11	5	0.23	0.39	0.33	39.3	45.5	20.0
LeMars	44	14,430	55	20	10	0.44	0.70	0.66	70.9	80.0	90.0
Leon	25	8,198	14	4	0	0.11	0.14	0.00	85.7	75.0	NA
Manchester	15	13,253	27	8	3	0.22	0.28	0.20	70.4	75.0	66.7
Manning	17	3,415	14	5	1	0.11	0.18	0.07	78.6	80.0	0.0
Maquoketa	25	9,029	18	7	1	0.14	0.25	0.07	100.0	100.0	0.0
Marengo	25	0	3	1	0	0.02	0.04	0.00	0.0	0.0	NA
Marshalltown	99	40,552	106	31	17	0.85	1.09	1.12	82.1	74.2	82.4
Mason City	350	66,559	143	62	63	1.15	2.18	4.16	43.4	54.8	74.6
Missouri Valley	25	4,264	25	10	7	0.20	0.35	0.46	40.0	40.0	57.1

Appendix 10. Activity Summary for Group 4: Diseases of the blood and blood-forming organs

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	0	1	1	1	0.01	0.04	0.07	0.0	0.0	0.0
Mount Pleasant	50	15,837	47	12	2	0.38	0.42	0.13	80.9	75.0	0.0
Muscatine	72	30,185	86	28	17	0.69	0.98	1.12	88.4	85.7	94.1
Nevada	25	0	2	2	1	0.02	0.07	0.07	0.0	0.0	0.0
New Hampton	25	4,817	4	2	1	0.03	0.07	0.07	25.0	50.0	0.0
Newton	68	22,177	46	15	17	0.37	0.53	1.12	97.8	93.3	76.5
Oelwein	25	11,090	41	13	2	0.33	0.46	0.13	53.7	69.2	100.0
Onawa	48	7,638	51	17	2	0.41	0.60	0.13	64.7	41.2	100.0
Orange City	30	8,189	12	5	2	0.10	0.18	0.13	66.7	80.0	50.0
Osage	25	9,316	34	10	5	0.27	0.35	0.33	100.0	100.0	80.0
Osceola	25	0	3	3	0	0.02	0.11	0.00	0.0	0.0	NA
Oskaloosa	77	16,604	15	5	4	0.12	0.18	0.26	100.0	100.0	100.0
Ottumwa	221	37,740	101	28	85	0.81	0.98	5.61	73.3	64.3	90.6
Pella	47	15,554	63	18	3	0.51	0.63	0.20	88.9	83.3	33.3
Perry	25	0	1	1	4	0.01	0.04	0.26	0.0	0.0	75.0
Pocahontas	25	7,441	28	5	6	0.23	0.18	0.40	100.0	100.0	50.0
Primghar	14	3,222	9	5	6	0.07	0.18	0.40	22.2	40.0	33.3
Red Oak	40	10,597	79	17	13	0.64	0.60	0.86	69.6	52.9	53.8
Rock Rapids	25	3,219	11	6	1	0.09	0.21	0.07	18.2	16.7	0.0
Rock Valley	28	4,454	10	4	3	0.08	0.14	0.20	80.0	75.0	100.0
Sac City	33	7,921	36	12	3	0.29	0.42	0.20	83.3	83.3	66.7
Sheldon	28	6,603	8	3	3	0.06	0.11	0.20	87.5	66.7	66.7
Shenandoah	44	6,924	6	3	15	0.05	0.11	0.99	50.0	33.3	80.0
Sibley	32	7,057	33	9	12	0.27	0.32	0.79	69.7	66.7	75.0
Sigourney	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Sioux Center	21	7,313	4	2	2	0.03	0.07	0.13	100.0	100.0	50.0
Sioux City	828	149,026	603	131	88	4.85	4.60	5.80	77.1	78.6	84.1
Spencer	99	16,506	30	9	3	0.24	0.32	0.20	73.3	66.7	33.3
Spirit Lake	49	15,950	44	11	6	0.35	0.39	0.40	81.8	90.9	83.3
Storm Lake	54	15,506	18	6	24	0.14	0.21	1.58	55.6	50.0	83.3
Sumner	25	3,065	9	2	0	0.07	0.07	0.00	33.3	50.0	NA
Vinton	29	6,593	8	3	1	0.06	0.11	0.07	100.0	100.0	0.0

Appendix 10. Activity Summary for Group 4: Diseases of the blood and blood-forming organs

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	8,901	58	11	1	0.47	0.39	0.07	98.3	90.9	0.0
Waterloo	589	164,211	663	189	116	5.34	6.64	7.65	84.5	83.1	85.3
Waukon	25	10,451	42	14	5	0.34	0.49	0.33	88.1	85.7	80.0
Waverly	25	13,053	21	10	6	0.17	0.35	0.40	28.6	20.0	50.0
Webster City	40	10,271	35	9	19	0.28	0.32	1.25	100.0	100.0	73.7
West Burlington	148	48,416	168	42	14	1.35	1.48	0.92	67.9	69.0	64.3
West Union	25	8,619	29	11	1	0.23	0.39	0.07	34.5	54.5	0.0
Winterset	25	6,873	20	4	2	0.16	0.14	0.13	85.0	75.0	100.0
State Totals	11,927		12,421	2,846	1,516	100.00	100.00	100.00	62.6	67.0	73.2

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 11. Activity Summary for Group 5: Mental disorders

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	0	1	1	0	0.01	0.04	0.00	0.0	0.0	NA
Algona	40	10,089	9	7	0	0.08	0.28	0.00	44.4	42.9	NA
Ames	200	79,305	120	37	1	1.08	1.47	0.10	60.0	59.5	0.0
Anamosa	25	7,555	7	4	0	0.06	0.16	0.00	100.0	100.0	NA
Atlantic	71	19,736	87	26	0	0.79	1.03	0.00	78.2	80.8	NA
Audubon	25	3,652	16	6	0	0.14	0.24	0.00	87.5	83.3	NA
Belmond	15	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Bloomfield	25	4,685	13	4	0	0.12	0.16	0.00	15.4	25.0	NA
Boone	57	18,363	23	8	0	0.21	0.32	0.00	82.6	62.5	NA
Britt	25	4,422	4	2	0	0.04	0.08	0.00	100.0	100.0	NA
Carroll	99	18,171	58	20	0	0.52	0.79	0.00	65.5	60.0	NA
Cedar Rapids	750	192,436	351	97	6	3.17	3.84	0.57	74.6	75.3	16.7
Centerville	34	16,454	70	14	0	0.63	0.55	0.00	97.1	92.9	NA
Chariton	25	0	0	0	2	0.00	0.00	0.19	NA	NA	100.0
Charles City	25	0	2	2	1	0.02	0.08	0.10	0.0	0.0	0.0
Cherokee	67	9,940	14	7	0	0.13	0.28	0.00	71.4	71.4	NA
Clarinda	30	9,014	24	13	1	0.22	0.52	0.10	91.7	84.6	0.0
Clarion	25	0	3	1	0	0.03	0.04	0.00	0.0	0.0	NA
Clinton	163	51,549	155	38	0	1.40	1.51	0.00	83.2	81.6	NA
Corning	22	6,116	34	10	1	0.31	0.40	0.10	38.2	50.0	0.0
Corydon	28	3,660	9	2	0	0.08	0.08	0.00	55.6	50.0	NA
Council Bluffs	496	70,979	540	104	0	4.87	4.12	0.00	52.4	61.5	NA
Cresco	25	6,572	8	4	0	0.07	0.16	0.00	100.0	100.0	NA
Creston	80	12,150	23	2	0	0.21	0.08	0.00	0.0	0.0	NA
Davenport	632	284,357	2,782	399	0	25.11	15.81	0.00	71.8	75.4	NA
Decorah	75	17,661	12	5	0	0.11	0.20	0.00	100.0	100.0	NA
Denison	72	9,670	14	5	0	0.13	0.20	0.00	92.9	80.0	NA
Des Moines	2,414	474,779	1,233	355	5	11.13	14.06	0.48	91.8	91.3	100.0
Dewitt	13	0	3	2	0	0.03	0.08	0.00	0.0	0.0	NA
Dubuque	508	117,006	316	82	1	2.85	3.25	0.10	73.7	75.6	0.0
Elkader	25	3,158	4	2	0	0.04	0.08	0.00	100.0	100.0	NA
Emmetsburg	32	5,862	12	7	0	0.11	0.28	0.00	83.3	85.7	NA

Appendix 11. Activity Summary for Group 5: Mental disorders

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	8,922	27	6	0	0.24	0.24	0.00	59.3	66.7	NA
Fairfield	67	17,625	37	7	0	0.33	0.28	0.00	100.0	100.0	NA
Fort Dodge	163	59,743	145	41	0	1.31	1.62	0.00	82.8	80.5	NA
Fort Madison	50	24,843	51	23	0	0.46	0.91	0.00	72.5	73.9	NA
Greenfield	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Grinnell	81	23,708	42	22	0	0.38	0.87	0.00	78.6	72.7	NA
Grundy Center	25	3,724	8	1	0	0.07	0.04	0.00	100.0	100.0	NA
Guthrie Center	25	7,629	18	6	0	0.16	0.24	0.00	83.3	83.3	NA
Guttenberg	25	4,093	9	5	0	0.08	0.20	0.00	33.3	40.0	NA
Hamburg	25	0	2	1	0	0.02	0.04	0.00	0.0	0.0	NA
Hampton	25	7,138	6	1	0	0.05	0.04	0.00	0.0	0.0	NA
Harlan	52	9,653	31	18	1	0.28	0.71	0.10	74.2	66.7	0.0
Hawarden	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Humboldt	21	0	1	1	0	0.01	0.04	0.00	0.0	0.0	NA
Ida Grove	42	16,523	51	17	0	0.46	0.67	0.00	100.0	100.0	NA
Independence	25	7,688	8	2	0	0.07	0.08	0.00	100.0	100.0	NA
Iowa City	1,031	182,582	2,120	297	1,006	19.13	11.77	96.08	37.0	45.8	23.5
Iowa Falls	30	16,782	29	9	0	0.26	0.36	0.00	96.6	88.9	NA
Jefferson	25	5,765	7	5	0	0.06	0.20	0.00	57.1	40.0	NA
Keokuk	97	18,964	6	4	3	0.05	0.16	0.29	16.7	25.0	66.7
Keosauqua	25	2,304	10	3	0	0.09	0.12	0.00	60.0	66.7	NA
Knoxville	59	11,175	19	6	0	0.17	0.24	0.00	63.2	50.0	NA
Lake City	49	0	2	1	0	0.02	0.04	0.00	0.0	0.0	NA
LeMars	44	15,713	98	34	0	0.88	1.35	0.00	88.8	79.4	NA
Leon	25	0	1	1	0	0.01	0.04	0.00	0.0	0.0	NA
Manchester	15	0	3	1	0	0.03	0.04	0.00	0.0	0.0	NA
Manning	17	5,401	27	5	0	0.24	0.20	0.00	100.0	100.0	NA
Maquoketa	25	7,736	18	3	0	0.16	0.12	0.00	100.0	100.0	NA
Marengo	25	0	3	1	0	0.03	0.04	0.00	0.0	0.0	NA
Marshalltown	99	33,462	13	7	0	0.12	0.28	0.00	76.9	57.1	NA
Mason City	350	62,326	71	30	2	0.64	1.19	0.19	53.5	46.7	100.0
Missouri Valley	25	4,264	16	7	0	0.14	0.28	0.00	37.5	42.9	NA

Appendix 11. Activity Summary for Group 5: Mental disorders

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	3,708	5	3	0	0.05	0.12	0.00	80.0	66.7	NA
Mount Pleasant	50	14,012	31	14	0	0.28	0.55	0.00	90.3	85.7	NA
Muscatine	72	26,636	45	17	0	0.41	0.67	0.00	93.3	94.1	NA
Nevada	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
New Hampton	25	0	2	1	1	0.02	0.04	0.10	0.0	0.0	0.0
Newton	68	22,909	39	15	0	0.35	0.59	0.00	71.8	60.0	NA
Oelwein	25	18,024	50	7	0	0.45	0.28	0.00	68.0	85.7	NA
Onawa	48	0	0	0	2	0.00	0.00	0.19	NA	NA	100.0
Orange City	30	7,590	18	7	1	0.16	0.28	0.10	77.8	71.4	0.0
Osage	25	9,849	23	8	0	0.21	0.32	0.00	39.1	50.0	NA
Osceola	25	6,872	11	5	0	0.10	0.20	0.00	100.0	100.0	NA
Oskaloosa	77	17,029	9	4	0	0.08	0.16	0.00	100.0	100.0	NA
Ottumwa	221	43,988	65	28	1	0.59	1.11	0.10	89.2	89.3	0.0
Pella	47	11,763	7	3	0	0.06	0.12	0.00	100.0	100.0	NA
Perry	25	9,088	4	1	0	0.04	0.04	0.00	100.0	100.0	NA
Pocahontas	25	2,891	4	1	0	0.04	0.04	0.00	0.0	0.0	NA
Primghar	14	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Red Oak	40	10,161	68	20	0	0.61	0.79	0.00	98.5	95.0	NA
Rock Rapids	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Rock Valley	28	3,589	5	1	0	0.05	0.04	0.00	100.0	100.0	NA
Sac City	33	7,664	10	4	0	0.09	0.16	0.00	100.0	100.0	NA
Sheldon	28	6,603	9	4	0	0.08	0.16	0.00	66.7	75.0	NA
Shenandoah	44	10,777	109	12	0	0.98	0.48	0.00	2.8	25.0	NA
Sibley	32	7,057	27	6	0	0.24	0.24	0.00	63.0	66.7	NA
Sigourney	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Sioux Center	21	19,336	250	9	0	2.26	0.36	0.00	97.6	88.9	NA
Sioux City	828	154,739	570	189	3	5.14	7.49	0.29	89.6	85.7	66.7
Spencer	99	22,533	43	20	0	0.39	0.79	0.00	79.1	75.0	NA
Spirit Lake	49	15,959	47	15	0	0.42	0.59	0.00	95.7	93.3	NA
Storm Lake	54	0	3	1	0	0.03	0.04	0.00	0.0	0.0	NA
Sumner	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Vinton	29	6,593	9	5	0	0.08	0.20	0.00	77.8	60.0	NA

Appendix 11. Activity Summary for Group 5: Mental disorders

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	0	0	0	1	0.00	0.00	0.10	NA	NA	0.0
Waterloo	589	175,652	411	178	4	3.71	7.05	0.38	83.2	82.6	100.0
Waukon	25	0	1	1	0	0.01	0.04	0.00	0.0	0.0	NA
Waverly	25	13,053	8	3	0	0.07	0.12	0.00	50.0	33.3	NA
Webster City	40	11,056	36	13	0	0.32	0.52	0.00	63.9	76.9	NA
West Burlington	148	51,499	181	52	4	1.63	2.06	0.38	76.8	78.8	75.0
West Union	25	5,732	4	3	0	0.04	0.12	0.00	0.0	0.0	NA
Winterset	25	19,992	151	43	0	1.36	1.70	0.00	25.2	34.9	NA
State Totals	11,927		11,081	2,524	1,047	100.00	100.00	100.00	68.1	73.4	24.7

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 12. Activity Summary for Group 6: Diseases of the nervous system and sense organs

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,341	9	4	42	0.04	0.09	0.09	77.8	75.0	73.8
Algona	40	15,586	63	4	113	0.25	0.09	0.24	6.3	50.0	77.0
Ames	200	77,877	585	145	1,406	2.34	3.39	2.95	40.0	49.7	40.8
Anamosa	25	7,555	5	3	27	0.02	0.07	0.06	100.0	100.0	63.0
Atlantic	71	12,160	65	11	267	0.26	0.26	0.56	73.8	72.7	65.9
Audubon	25	3,492	10	3	99	0.04	0.07	0.21	100.0	100.0	85.9
Belmond	15	0	2	1	57	0.01	0.02	0.12	0.0	0.0	78.9
Bloomfield	25	4,440	22	6	9	0.09	0.14	0.02	27.3	50.0	55.6
Boone	57	20,049	135	40	236	0.54	0.94	0.49	91.9	82.5	61.4
Britt	25	3,708	8	2	83	0.03	0.05	0.17	50.0	50.0	51.8
Carroll	99	17,298	97	30	400	0.39	0.70	0.84	63.9	63.3	47.8
Cedar Rapids	750	204,897	1,177	225	4,007	4.71	5.27	8.40	77.4	80.4	73.3
Centerville	34	14,370	65	15	203	0.26	0.35	0.43	100.0	100.0	68.0
Chariton	25	7,384	7	2	417	0.03	0.05	0.87	100.0	100.0	40.8
Charles City	25	12,539	22	7	134	0.09	0.16	0.28	100.0	100.0	73.1
Cherokee	67	7,784	37	15	99	0.15	0.35	0.21	78.4	66.7	72.7
Clarinda	30	7,086	8	7	143	0.03	0.16	0.30	37.5	42.9	68.5
Clarion	25	3,907	8	4	47	0.03	0.09	0.10	25.0	25.0	63.8
Clinton	163	97,221	2,850	57	134	11.41	1.33	0.28	99.5	94.7	73.9
Corning	22	2,563	30	9	91	0.12	0.21	0.19	10.0	11.1	50.5
Corydon	28	3,660	6	3	13	0.02	0.07	0.03	50.0	66.7	53.8
Council Bluffs	496	72,735	1,565	97	669	6.27	2.27	1.40	90.5	61.9	60.5
Cresco	25	0	2	1	52	0.01	0.02	0.11	0.0	0.0	55.8
Creston	80	37,129	755	56	243	3.02	1.31	0.51	31.4	42.9	57.2
Davenport	632	163,375	1,114	239	886	4.46	5.59	1.86	72.2	72.0	47.9
Decorah	75	18,544	17	8	273	0.07	0.19	0.57	58.8	62.5	65.2
Denison	72	8,496	9	3	402	0.04	0.07	0.84	88.9	66.7	81.6
Des Moines	2,414	479,015	3,166	716	5,924	12.68	16.76	12.42	73.6	79.7	83.2
Dewitt	13	0	0	0	158	0.00	0.00	0.33	NA	NA	43.0
Dubuque	508	125,700	1,178	173	1,126	4.72	4.05	2.36	86.0	75.7	71.0
Elkader	25	0	0	0	14	0.00	0.00	0.03	NA	NA	50.0
Emmetsburg	32	5,141	14	6	153	0.06	0.14	0.32	57.1	66.7	49.0

Appendix 12. Activity Summary for Group 6: Diseases of the nervous system and sense organs

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	9,183	42	13	360	0.17	0.30	0.75	97.6	92.3	43.3
Fairfield	67	12,735	29	9	192	0.12	0.21	0.40	69.0	66.7	63.0
Fort Dodge	163	42,778	257	63	1,298	1.03	1.47	2.72	65.0	69.8	62.6
Fort Madison	50	21,188	86	34	657	0.34	0.80	1.38	70.9	73.5	60.1
Greenfield	25	3,908	24	8	47	0.10	0.19	0.10	62.5	62.5	66.0
Grinnell	81	20,506	82	30	249	0.33	0.70	0.52	78.0	66.7	66.7
Grundy Center	25	0	1	1	5	0.00	0.02	0.01	0.0	0.0	0.0
Guthrie Center	25	3,078	10	4	35	0.04	0.09	0.07	10.0	25.0	71.4
Guttenberg	25	4,644	27	9	48	0.11	0.21	0.10	66.7	66.7	60.4
Hamburg	25	0	0	0	14	0.00	0.00	0.03	NA	NA	35.7
Hampton	25	0	2	2	73	0.01	0.05	0.15	0.0	0.0	57.5
Harlan	52	13,212	85	18	265	0.34	0.42	0.56	57.6	66.7	68.3
Hawarden	25	3,011	6	3	0	0.02	0.07	0.00	50.0	33.3	NA
Humboldt	21	6,574	9	5	16	0.04	0.12	0.03	55.6	80.0	50.0
Ida Grove	42	6,682	56	20	153	0.22	0.47	0.32	92.9	90.0	86.3
Independence	25	7,688	5	2	129	0.02	0.05	0.27	60.0	50.0	54.3
Iowa City	1,031	192,020	5,914	973	10,153	23.69	22.77	21.28	19.5	24.4	31.3
Iowa Falls	30	12,455	54	16	259	0.22	0.37	0.54	81.5	75.0	68.3
Jefferson	25	6,694	27	11	218	0.11	0.26	0.46	51.9	63.6	76.6
Keokuk	97	28,541	239	62	382	0.96	1.45	0.80	84.1	87.1	66.2
Keosauqua	25	2,304	17	6	2	0.07	0.14	0.00	64.7	50.0	100.0
Knoxville	59	11,175	34	11	179	0.14	0.26	0.38	79.4	90.9	62.0
Lake City	49	6,664	118	32	110	0.47	0.75	0.23	57.6	68.8	38.2
LeMars	44	11,280	31	13	32	0.12	0.30	0.07	48.4	53.8	56.3
Leon	25	4,870	10	4	84	0.04	0.09	0.18	20.0	25.0	50.0
Manchester	15	8,515	9	3	66	0.04	0.07	0.14	11.1	33.3	36.4
Manning	17	0	3	1	28	0.01	0.02	0.06	0.0	0.0	46.4
Maquoketa	25	7,736	6	3	125	0.02	0.07	0.26	100.0	100.0	72.0
Marengo	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Marshalltown	99	45,442	142	46	1,479	0.57	1.08	3.10	66.2	76.1	59.2
Mason City	350	69,644	225	84	1,728	0.90	1.97	3.62	55.6	57.1	71.4
Missouri Valley	25	4,264	35	10	45	0.14	0.23	0.09	34.3	30.0	48.9

Appendix 12. Activity Summary for Group 6: Diseases of the nervous system and sense organs

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	0	1	1	89	0.00	0.02	0.19	0.0	0.0	73.0
Mount Pleasant	50	11,563	25	6	798	0.10	0.14	1.67	48.0	66.7	30.6
Muscatine	72	26,636	71	15	525	0.28	0.35	1.10	93.0	86.7	74.5
Nevada	25	6,934	8	3	50	0.03	0.07	0.10	100.0	100.0	50.0
New Hampton	25	7,056	11	4	87	0.04	0.09	0.18	45.5	50.0	50.6
Newton	68	21,422	42	14	331	0.17	0.33	0.69	59.5	57.1	77.6
Oelwein	25	20,476	120	10	122	0.48	0.23	0.26	99.2	90.0	68.9
Onawa	48	9,349	50	17	81	0.20	0.40	0.17	68.0	70.6	66.7
Orange City	30	7,590	26	13	124	0.10	0.30	0.26	34.6	38.5	38.7
Osage	25	5,950	18	10	110	0.07	0.23	0.23	22.2	20.0	70.9
Osceola	25	0	2	1	6	0.01	0.02	0.01	0.0	0.0	33.3
Oskaloosa	77	15,457	15	4	258	0.06	0.09	0.54	40.0	25.0	78.7
Ottumwa	221	51,778	263	67	1,166	1.05	1.57	2.44	76.8	70.1	61.4
Pella	47	13,935	28	12	298	0.11	0.28	0.62	42.9	33.3	56.7
Perry	25	8,204	4	1	105	0.02	0.02	0.22	0.0	0.0	77.1
Pocahontas	25	0	0	0	64	0.00	0.00	0.13	NA	NA	48.4
Primghar	14	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Red Oak	40	11,901	130	20	187	0.52	0.47	0.39	89.2	80.0	62.6
Rock Rapids	25	3,049	8	2	0	0.03	0.05	0.00	100.0	100.0	NA
Rock Valley	28	0	3	2	1	0.01	0.05	0.00	0.0	0.0	0.0
Sac City	33	4,913	40	17	28	0.16	0.40	0.06	67.5	64.7	50.0
Sheldon	28	0	3	2	11	0.01	0.05	0.02	0.0	0.0	18.2
Shenandoah	44	7,131	17	2	217	0.07	0.05	0.45	11.8	50.0	56.2
Sibley	32	3,444	5	2	11	0.02	0.05	0.02	60.0	50.0	36.4
Sigourney	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Sioux Center	21	31,843	901	12	187	3.61	0.28	0.39	100.0	100.0	48.7
Sioux City	828	148,860	1,037	243	462	4.15	5.69	0.97	71.1	75.7	77.3
Spencer	99	15,222	43	16	193	0.17	0.37	0.40	53.5	56.3	50.8
Spirit Lake	49	15,389	32	12	38	0.13	0.28	0.08	93.8	83.3	39.5
Storm Lake	54	35,114	505	53	310	2.02	1.24	0.65	35.6	58.5	65.2
Sumner	25	2,855	4	1	37	0.02	0.02	0.08	100.0	100.0	70.3
Vinton	29	6,593	10	2	4	0.04	0.05	0.01	100.0	100.0	25.0

Appendix 12. Activity Summary for Group 6: Diseases of the nervous system and sense organs

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	8,327	26	6	231	0.10	0.14	0.48	53.8	66.7	52.4
Waterloo	589	165,831	598	211	3,473	2.40	4.94	7.28	85.3	86.3	80.5
Waukon	25	6,221	7	4	69	0.03	0.09	0.14	57.1	50.0	55.1
Waverly	25	11,380	9	5	395	0.04	0.12	0.83	22.2	40.0	53.2
Webster City	40	10,271	62	22	185	0.25	0.51	0.39	82.3	77.3	74.1
West Burlington	148	47,286	208	64	913	0.83	1.50	1.91	80.3	73.4	76.6
West Union	25	3,489	4	3	166	0.02	0.07	0.35	50.0	66.7	53.0
Winterset	25	6,873	16	6	16	0.06	0.14	0.03	81.3	83.3	56.3
State Totals	11,927		24,968	4,273	47,706	100.00	100.00	100.00	63.2	61.8	59.8

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 13. Activity Summary for Group 7: Diseases of the circulatory system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,848	196	64	6	0.07	0.10	0.03	83.7	82.8	50.0
Algona	40	11,091	357	106	44	0.13	0.17	0.25	90.5	87.7	86.4
Ames	200	71,112	5,604	1,256	124	2.06	2.05	0.70	46.9	45.8	45.2
Anamosa	25	7,555	116	44	10	0.04	0.07	0.06	64.7	63.6	10.0
Atlantic	71	16,807	1,755	365	7	0.65	0.60	0.04	61.9	61.6	42.9
Audubon	25	3,845	425	92	1	0.16	0.15	0.01	86.4	90.2	0.0
Belmond	15	3,136	96	36	6	0.04	0.06	0.03	60.4	63.9	66.7
Bloomfield	25	4,990	545	134	95	0.20	0.22	0.54	73.6	74.6	45.3
Boone	57	18,763	1,222	295	116	0.45	0.48	0.66	69.6	68.5	89.7
Britt	25	4,422	297	94	4	0.11	0.15	0.02	40.1	41.5	75.0
Carroll	99	18,320	1,326	304	7	0.49	0.50	0.04	67.7	66.1	57.1
Cedar Rapids	750	218,972	18,794	4,138	998	6.92	6.75	5.64	75.6	74.9	72.7
Centerville	34	14,370	1,064	228	9	0.39	0.37	0.05	86.7	86.4	66.7
Chariton	25	7,384	274	80	43	0.10	0.13	0.24	76.6	76.3	79.1
Charles City	25	12,539	786	213	4	0.29	0.35	0.02	80.9	77.0	25.0
Cherokee	67	11,220	541	188	6	0.20	0.31	0.03	75.2	76.6	50.0
Clarinda	30	9,014	587	170	19	0.22	0.28	0.11	77.5	72.9	89.5
Clarion	25	3,907	81	32	25	0.03	0.05	0.14	42.0	37.5	44.0
Clinton	163	55,625	6,387	1,318	588	2.35	2.15	3.33	88.8	86.9	83.8
Corning	22	3,954	397	105	38	0.15	0.17	0.21	53.9	46.7	39.5
Corydon	28	4,280	404	117	8	0.15	0.19	0.05	50.7	54.7	75.0
Council Bluffs	496	69,802	7,516	1,662	261	2.77	2.71	1.48	62.1	61.1	60.5
Cresco	25	6,213	132	49	69	0.05	0.08	0.39	69.7	71.4	68.1
Creston	80	12,405	777	229	200	0.29	0.37	1.13	67.3	67.2	88.0
Davenport	632	183,484	21,065	4,470	902	7.76	7.29	5.10	59.7	57.7	53.7
Decorah	75	20,337	627	191	36	0.23	0.31	0.20	76.1	76.4	63.9
Denison	72	9,670	280	80	19	0.10	0.13	0.11	60.7	56.3	89.5
Des Moines	2,414	480,791	60,668	13,181	2,718	22.34	21.49	15.37	62.7	61.1	62.1
Dewitt	13	6,346	294	84	19	0.11	0.14	0.11	69.4	73.8	57.9
Dubuque	508	117,277	11,258	2,619	460	4.15	4.27	2.60	70.4	72.0	71.1
Elkader	25	2,921	70	23	4	0.03	0.04	0.02	64.3	56.5	50.0
Emmetsburg	32	5,692	359	130	9	0.13	0.21	0.05	62.1	62.3	44.4

Appendix 13. Activity Summary for Group 7: Diseases of the circulatory system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	9,380	707	202	9	0.26	0.33	0.05	81.9	81.7	55.6
Fairfield	67	17,625	1,168	291	37	0.43	0.47	0.21	85.8	84.2	78.4
Fort Dodge	163	55,459	6,921	1,736	333	2.55	2.83	1.88	68.6	66.4	72.4
Fort Madison	50	23,176	1,952	486	183	0.72	0.79	1.03	88.8	85.4	66.7
Greenfield	25	4,302	271	79	2	0.10	0.13	0.01	84.5	83.5	100.0
Grinnell	81	18,384	1,421	463	26	0.52	0.75	0.15	71.4	70.0	50.0
Grundy Center	25	3,724	414	52	5	0.15	0.08	0.03	31.6	59.6	40.0
Guthrie Center	25	7,037	346	99	4	0.13	0.16	0.02	83.2	81.8	25.0
Guttenberg	25	4,093	348	109	1	0.13	0.18	0.01	64.7	55.0	0.0
Hamburg	25	2,073	189	61	138	0.07	0.10	0.78	27.5	31.1	52.9
Hampton	25	6,828	311	75	14	0.11	0.12	0.08	60.5	60.0	57.1
Harlan	52	12,471	1,182	307	23	0.44	0.50	0.13	78.3	78.8	87.0
Hawarden	25	3,011	87	34	0	0.03	0.06	0.00	70.1	70.6	NA
Humboldt	21	6,258	194	63	4	0.07	0.10	0.02	73.7	79.4	100.0
Ida Grove	42	10,693	527	107	2	0.19	0.17	0.01	96.4	93.5	100.0
Independence	25	7,688	231	74	19	0.09	0.12	0.11	81.0	77.0	84.2
Iowa City	1,031	154,077	32,670	4,941	3,523	12.03	8.06	19.92	26.5	31.4	28.5
Iowa Falls	30	9,005	508	160	6	0.19	0.26	0.03	56.1	53.1	50.0
Jefferson	25	8,021	387	92	5	0.14	0.15	0.03	71.6	71.7	60.0
Keokuk	97	26,650	1,657	458	111	0.61	0.75	0.63	86.7	85.6	70.3
Keosauqua	25	2,304	352	125	3	0.13	0.20	0.02	35.2	36.0	0.0
Knoxville	59	11,175	621	157	14	0.23	0.26	0.08	84.1	79.6	78.6
Lake City	49	4,074	632	163	12	0.23	0.27	0.07	43.8	42.9	50.0
LeMars	44	11,681	654	215	4	0.24	0.35	0.02	55.0	61.9	100.0
Leon	25	4,072	157	63	12	0.06	0.10	0.07	63.7	57.1	50.0
Manchester	15	13,564	538	165	5	0.20	0.27	0.03	51.7	55.2	40.0
Manning	17	2,128	128	31	2	0.05	0.05	0.01	67.2	64.5	100.0
Maquoketa	25	8,164	370	108	16	0.14	0.18	0.09	65.1	63.0	56.3
Marengo	25	3,497	41	10	0	0.02	0.02	0.00	65.9	80.0	NA
Marshalltown	99	44,034	2,805	720	214	1.03	1.17	1.21	85.5	82.5	95.8
Mason City	350	77,494	10,467	2,435	1,538	3.85	3.97	8.70	52.3	56.3	65.8
Missouri Valley	25	4,264	253	93	142	0.09	0.15	0.80	43.5	45.2	57.0

Appendix 13. Activity Summary for Group 7: Diseases of the circulatory system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	4,115	229	67	15	0.08	0.11	0.08	79.9	71.6	40.0
Mount Pleasant	50	14,012	657	175	71	0.24	0.29	0.40	73.4	69.7	50.7
Muscatine	72	30,553	1,565	398	9	0.58	0.65	0.05	89.8	88.4	77.8
Nevada	25	6,934	210	37	3	0.08	0.06	0.02	82.4	64.9	33.3
New Hampton	25	7,056	338	111	15	0.12	0.18	0.08	72.5	70.3	66.7
Newton	68	22,177	1,152	322	33	0.42	0.53	0.19	81.9	81.4	81.8
Oelwein	25	10,739	372	121	51	0.14	0.20	0.29	87.6	84.3	72.5
Onawa	48	10,471	1,286	342	76	0.47	0.56	0.43	73.6	66.7	64.5
Orange City	30	8,189	540	130	5	0.20	0.21	0.03	62.0	58.5	60.0
Osage	25	5,331	391	161	3	0.14	0.26	0.02	73.1	70.8	33.3
Osceola	25	7,116	500	123	14	0.18	0.20	0.08	81.6	78.9	64.3
Oskaloosa	77	16,604	361	113	63	0.13	0.18	0.36	64.0	61.9	79.4
Ottumwa	221	39,681	2,730	792	132	1.01	1.29	0.75	84.7	84.2	78.0
Pella	47	13,935	576	205	27	0.21	0.33	0.15	59.7	56.1	59.3
Perry	25	9,588	239	68	14	0.09	0.11	0.08	87.4	85.3	85.7
Pocahontas	25	3,265	312	86	4	0.11	0.14	0.02	26.6	29.1	75.0
Primghar	14	1,858	43	23	8	0.02	0.04	0.05	34.9	39.1	62.5
Red Oak	40	12,175	1,927	377	20	0.71	0.61	0.11	89.6	85.4	55.0
Rock Rapids	25	3,049	151	48	5	0.06	0.08	0.03	62.9	54.2	80.0
Rock Valley	28	3,927	177	46	17	0.07	0.08	0.10	93.8	91.3	94.1
Sac City	33	6,645	544	166	19	0.20	0.27	0.11	78.1	78.3	84.2
Sheldon	28	8,496	462	139	103	0.17	0.23	0.58	85.9	83.5	87.4
Shenandoah	44	8,616	445	129	11	0.16	0.21	0.06	78.7	76.0	54.5
Sibley	32	5,800	483	77	36	0.18	0.13	0.20	48.2	41.6	47.2
Sigourney	25	3,313	59	4	4	0.02	0.01	0.02	74.6	50.0	50.0
Sioux Center	21	11,836	1,368	89	5	0.50	0.15	0.03	91.7	73.0	80.0
Sioux City	828	150,460	16,334	3,746	1,284	6.02	6.11	7.26	65.8	66.7	76.6
Spencer	99	17,806	1,083	301	19	0.40	0.49	0.11	77.4	76.1	52.6
Spirit Lake	49	13,302	522	157	11	0.19	0.26	0.06	82.8	80.3	72.7
Storm Lake	54	15,689	532	182	80	0.20	0.30	0.45	63.9	63.2	93.8
Sumner	25	3,065	159	46	7	0.06	0.08	0.04	65.4	67.4	42.9
Vinton	29	6,593	202	87	96	0.07	0.14	0.54	84.7	83.9	54.2

Appendix 13. Activity Summary for Group 7: Diseases of the circulatory system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	8,901	668	169	113	0.25	0.28	0.64	72.3	69.8	60.2
Waterloo	589	162,629	15,411	4,104	1,341	5.68	6.69	7.58	76.8	77.6	80.9
Waukon	25	7,162	329	115	17	0.12	0.19	0.10	55.0	61.7	58.8
Waverly	25	13,053	380	142	20	0.14	0.23	0.11	55.0	54.2	55.0
Webster City	40	10,767	1,134	326	2	0.42	0.53	0.01	75.0	75.2	100.0
West Burlington	148	48,725	4,029	1,095	638	1.48	1.79	3.61	83.4	83.1	78.5
West Union	25	8,619	251	93	15	0.09	0.15	0.08	67.3	69.9	53.3
Winterset	25	6,873	574	143	14	0.21	0.23	0.08	83.3	81.1	71.4
State Totals	11,927		271,534	61,326	17,682	100.00	100.00	100.00	63.1	64.7	61.3

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 14. Activity Summary for Group 8: Diseases of the respiratory system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,848	326	99	10	0.18	0.27	0.08	87.4	86.9	70.0
Algona	40	11,091	416	104	22	0.23	0.29	0.18	80.8	80.8	59.1
Ames	200	70,530	4,052	702	297	2.23	1.94	2.45	38.5	41.3	35.0
Anamosa	25	8,662	306	104	2	0.17	0.29	0.02	60.5	57.7	50.0
Atlantic	71	18,219	1,751	324	45	0.96	0.90	0.37	70.3	71.6	60.0
Audubon	25	3,652	258	67	19	0.14	0.19	0.16	83.7	83.6	78.9
Belmond	15	3,136	75	26	0	0.04	0.07	0.00	78.7	76.9	NA
Bloomfield	25	4,685	447	114	36	0.25	0.32	0.30	66.0	63.2	55.6
Boone	57	19,046	1,490	279	14	0.82	0.77	0.12	83.4	81.0	50.0
Britt	25	4,422	248	68	12	0.14	0.19	0.10	54.4	52.9	50.0
Carroll	99	16,821	1,196	261	147	0.66	0.72	1.21	76.2	75.1	42.9
Cedar Rapids	750	221,936	13,773	2,542	943	7.57	7.03	7.78	84.4	86.2	80.7
Centerville	34	14,539	1,163	204	27	0.64	0.56	0.22	89.5	87.3	63.0
Chariton	25	7,896	384	110	14	0.21	0.30	0.12	65.6	66.4	64.3
Charles City	25	12,693	773	206	24	0.42	0.57	0.20	89.8	85.4	79.2
Cherokee	67	9,936	502	167	138	0.28	0.46	1.14	79.1	79.0	73.2
Clarinda	30	9,014	645	151	8	0.35	0.42	0.07	66.7	66.2	37.5
Clarion	25	6,099	658	98	15	0.36	0.27	0.12	79.6	55.1	80.0
Clinton	163	59,496	5,496	1,015	41	3.02	2.81	0.34	88.5	89.0	70.7
Corning	22	3,502	235	72	55	0.13	0.20	0.45	57.9	50.0	65.5
Corydon	28	4,155	353	96	4	0.19	0.27	0.03	62.3	56.3	25.0
Council Bluffs	496	70,979	6,854	1,131	470	3.77	3.13	3.88	69.3	67.1	56.2
Cresco	25	6,572	198	58	23	0.11	0.16	0.19	57.6	58.6	69.6
Creston	80	12,996	959	234	79	0.53	0.65	0.65	61.5	67.9	69.6
Davenport	632	169,712	11,070	1,738	299	6.08	4.81	2.47	74.4	80.9	74.6
Decorah	75	21,077	699	172	71	0.38	0.48	0.59	77.0	76.2	59.2
Denison	72	9,670	344	98	37	0.19	0.27	0.31	55.8	57.1	78.4
Des Moines	2,414	472,428	32,917	5,217	2,338	18.09	14.43	19.29	82.9	86.1	82.2
Dewitt	13	7,599	327	95	0	0.18	0.26	0.00	72.5	63.2	NA
Dubuque	508	114,663	6,076	1,190	232	3.34	3.29	1.91	75.2	75.1	75.0
Elkader	25	3,763	169	40	2	0.09	0.11	0.02	76.3	70.0	0.0
Emmetsburg	32	5,692	359	138	2	0.20	0.38	0.02	54.0	59.4	100.0

Appendix 14. Activity Summary for Group 8: Diseases of the respiratory system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	9,600	864	222	19	0.47	0.61	0.16	77.7	79.7	63.2
Fairfield	67	15,429	855	218	33	0.47	0.60	0.27	82.7	83.0	81.8
Fort Dodge	163	43,919	4,814	1,060	333	2.65	2.93	2.75	79.2	79.7	75.7
Fort Madison	50	22,767	1,385	340	299	0.76	0.94	2.47	82.5	80.6	50.8
Greenfield	25	4,302	305	86	7	0.17	0.24	0.06	77.7	75.6	71.4
Grinnell	81	18,742	1,605	395	15	0.88	1.09	0.12	74.5	73.9	46.7
Grundy Center	25	3,724	127	23	0	0.07	0.06	0.00	40.2	43.5	NA
Guthrie Center	25	6,133	305	89	6	0.17	0.25	0.05	54.8	56.2	83.3
Guttenberg	25	4,093	239	60	1	0.13	0.17	0.01	60.3	60.0	0.0
Hamburg	25	2,073	299	90	4	0.16	0.25	0.03	26.4	25.6	50.0
Hampton	25	7,138	217	52	8	0.12	0.14	0.07	54.8	57.7	50.0
Harlan	52	12,471	1,150	239	26	0.63	0.66	0.21	84.8	81.6	30.8
Hawarden	25	3,011	225	68	0	0.12	0.19	0.00	72.0	67.6	NA
Humboldt	21	6,925	383	101	2	0.21	0.28	0.02	75.5	77.2	100.0
Ida Grove	42	11,016	706	145	34	0.39	0.40	0.28	89.5	89.0	82.4
Independence	25	8,751	404	127	19	0.22	0.35	0.16	61.9	59.1	78.9
Iowa City	1,031	140,079	12,729	1,731	1,909	7.00	4.79	15.75	34.3	41.8	46.5
Iowa Falls	30	13,432	780	201	26	0.43	0.56	0.21	50.4	50.2	50.0
Jefferson	25	8,021	495	97	0	0.27	0.27	0.00	77.6	75.3	NA
Keokuk	97	27,999	1,944	459	30	1.07	1.27	0.25	94.7	93.9	60.0
Keosauqua	25	2,983	349	111	11	0.19	0.31	0.09	60.7	59.5	27.3
Knoxville	59	11,175	557	129	18	0.31	0.36	0.15	77.6	73.6	72.2
Lake City	49	4,216	1,000	216	18	0.55	0.60	0.15	33.8	32.4	33.3
LeMars	44	12,186	853	240	38	0.47	0.66	0.31	70.6	72.1	81.6
Leon	25	4,442	277	96	6	0.15	0.27	0.05	45.8	51.0	50.0
Manchester	15	16,433	746	185	18	0.41	0.51	0.15	52.4	51.4	27.8
Manning	17	3,066	242	61	21	0.13	0.17	0.17	60.3	63.9	52.4
Maquoketa	25	11,349	798	218	12	0.44	0.60	0.10	73.3	72.9	50.0
Marengo	25	3,497	63	21	0	0.03	0.06	0.00	65.1	61.9	NA
Marshalltown	99	45,132	2,145	480	211	1.18	1.33	1.74	86.0	84.4	87.7
Mason City	350	69,233	3,172	793	500	1.74	2.19	4.13	63.2	66.0	70.4
Missouri Valley	25	4,944	586	149	20	0.32	0.41	0.17	41.5	41.6	30.0

Appendix 14. Activity Summary for Group 8: Diseases of the respiratory system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	4,896	409	103	22	0.22	0.28	0.18	90.5	89.3	81.8
Mount Pleasant	50	14,466	610	141	41	0.34	0.39	0.34	66.4	65.2	56.1
Muscatine	72	30,951	1,182	273	113	0.65	0.76	0.93	85.4	84.6	77.0
Nevada	25	6,934	137	37	3	0.08	0.10	0.02	69.3	67.6	33.3
New Hampton	25	8,772	491	124	24	0.27	0.34	0.20	66.0	62.1	50.0
Newton	68	22,177	1,125	275	35	0.62	0.76	0.29	83.2	82.9	71.4
Oelwein	25	10,739	371	117	18	0.20	0.32	0.15	86.8	85.5	50.0
Onawa	48	10,738	1,330	269	23	0.73	0.74	0.19	83.2	79.9	43.5
Orange City	30	9,295	774	189	75	0.43	0.52	0.62	62.8	58.2	48.0
Osage	25	5,950	261	74	20	0.14	0.20	0.17	75.5	78.4	70.0
Osceola	25	8,584	578	125	24	0.32	0.35	0.20	78.2	79.2	45.8
Oskaloosa	77	15,915	235	71	33	0.13	0.20	0.27	77.0	78.9	81.8
Ottumwa	221	39,150	3,025	619	281	1.66	1.71	2.32	87.1	86.3	63.0
Pella	47	13,935	607	200	57	0.33	0.55	0.47	59.1	54.5	50.9
Perry	25	11,092	687	166	24	0.38	0.46	0.20	78.6	77.1	91.7
Pocahontas	25	3,265	311	80	0	0.17	0.22	0.00	37.3	37.5	NA
Primghar	14	1,858	83	32	8	0.05	0.09	0.07	48.2	50.0	62.5
Red Oak	40	13,136	2,117	371	5	1.16	1.03	0.04	82.4	86.3	80.0
Rock Rapids	25	3,219	209	65	7	0.11	0.18	0.06	64.1	61.5	42.9
Rock Valley	28	3,927	183	49	5	0.10	0.14	0.04	88.0	85.7	100.0
Sac City	33	6,645	835	167	9	0.46	0.46	0.07	64.2	65.9	11.1
Sheldon	28	8,496	479	130	14	0.26	0.36	0.12	84.1	81.5	42.9
Shenandoah	44	8,616	516	126	13	0.28	0.35	0.11	78.7	81.7	53.8
Sibley	32	3,589	180	41	5	0.10	0.11	0.04	43.9	43.9	60.0
Sigourney	25	4,430	131	22	0	0.07	0.06	0.00	90.8	86.4	NA
Sioux Center	21	8,240	827	106	25	0.45	0.29	0.21	81.4	66.0	20.0
Sioux City	828	148,725	9,838	2,052	257	5.41	5.68	2.12	81.7	85.7	65.4
Spencer	99	20,827	1,307	291	199	0.72	0.81	1.64	78.0	79.0	41.2
Spirit Lake	49	15,659	922	223	75	0.51	0.62	0.62	80.7	79.4	29.3
Storm Lake	54	15,689	788	231	93	0.43	0.64	0.77	59.0	58.4	74.2
Sumner	25	3,493	220	57	39	0.12	0.16	0.32	58.2	57.9	76.9
Vinton	29	6,593	220	84	79	0.12	0.23	0.65	82.7	82.1	67.1

Appendix 14. Activity Summary for Group 8: Diseases of the respiratory system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	13,224	965	235	32	0.53	0.65	0.26	71.7	68.5	62.5
Waterloo	589	154,860	8,089	1,919	916	4.45	5.31	7.56	81.3	83.9	82.5
Waukon	25	7,162	310	103	4	0.17	0.28	0.03	61.6	56.3	50.0
Waverly	25	13,669	309	106	123	0.17	0.29	1.02	40.5	43.4	60.2
Webster City	40	11,056	1,611	398	0	0.89	1.10	0.00	73.0	71.1	NA
West Burlington	148	51,075	3,411	769	311	1.87	2.13	2.57	83.2	82.4	73.0
West Union	25	8,619	387	115	21	0.21	0.32	0.17	61.0	63.5	57.1
Winterset	25	6,873	730	165	15	0.40	0.46	0.12	88.9	81.2	80.0
State Totals	11,927		181,938	36,142	12,118	100.00	100.00	100.00	74.2	75.7	66.9

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 15. Activity Summary for Group 9: Diseases of the digestive system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,848	196	66	201	0.13	0.20	0.36	80.1	80.3	64.7
Algona	40	13,922	448	117	232	0.30	0.36	0.41	87.1	84.6	78.4
Ames	200	75,401	4,462	857	1,183	2.97	2.60	2.09	48.1	46.8	50.1
Anamosa	25	7,555	74	29	40	0.05	0.09	0.07	55.4	58.6	55.0
Atlantic	71	15,205	852	204	70	0.57	0.62	0.12	72.5	70.6	44.3
Audubon	25	3,652	207	58	121	0.14	0.18	0.21	95.7	94.8	84.3
Belmond	15	3,136	51	21	87	0.03	0.06	0.15	68.6	66.7	75.9
Bloomfield	25	4,990	372	103	160	0.25	0.31	0.28	53.0	57.3	56.9
Boone	57	19,046	1,079	244	310	0.72	0.74	0.55	76.8	75.8	65.8
Britt	25	4,422	178	54	115	0.12	0.16	0.20	56.2	48.1	47.0
Carroll	99	17,032	1,102	256	272	0.73	0.78	0.48	66.0	64.5	62.1
Cedar Rapids	750	217,596	9,343	1,887	4,451	6.21	5.74	7.86	78.9	79.2	81.9
Centerville	34	14,956	1,328	231	295	0.88	0.70	0.52	76.5	82.3	74.9
Chariton	25	8,231	259	87	115	0.17	0.26	0.20	71.4	71.3	59.1
Charles City	25	12,539	633	178	120	0.42	0.54	0.21	86.7	83.7	60.0
Cherokee	67	10,781	509	164	354	0.34	0.50	0.63	70.7	66.5	76.0
Clarinda	30	9,014	323	99	251	0.21	0.30	0.44	77.1	75.8	75.3
Clarion	25	3,907	214	68	181	0.14	0.21	0.32	46.3	47.1	39.8
Clinton	163	57,395	3,645	745	722	2.42	2.26	1.28	84.2	84.8	84.8
Corning	22	3,954	266	81	145	0.18	0.25	0.26	52.6	50.6	44.1
Corydon	28	3,840	219	68	114	0.15	0.21	0.20	36.5	39.7	43.9
Council Bluffs	496	70,979	4,791	1,069	1,411	3.19	3.25	2.49	65.3	64.2	65.9
Cresco	25	6,572	161	50	77	0.11	0.15	0.14	57.8	56.0	59.7
Creston	80	14,899	984	206	309	0.65	0.63	0.55	69.7	79.6	72.8
Davenport	632	169,563	8,680	1,666	3,486	5.77	5.06	6.16	77.4	76.5	71.9
Decorah	75	18,945	421	112	455	0.28	0.34	0.80	57.2	56.3	65.7
Denison	72	9,670	229	64	217	0.15	0.19	0.38	57.2	57.8	76.5
Des Moines	2,414	474,234	27,035	5,293	7,220	17.98	16.09	12.75	79.3	82.1	83.7
Dewitt	13	6,346	93	33	165	0.06	0.10	0.29	53.8	51.5	51.5
Dubuque	508	115,695	5,667	1,264	1,308	3.77	3.84	2.31	74.6	75.7	75.8
Elkader	25	3,158	99	30	34	0.07	0.09	0.06	52.5	56.7	67.6
Emmetsburg	32	5,692	222	83	207	0.15	0.25	0.37	46.8	49.4	73.9

Appendix 15. Activity Summary for Group 9: Diseases of the digestive system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	8,922	431	125	97	0.29	0.38	0.17	71.9	70.4	73.2
Fairfield	67	17,147	761	197	268	0.51	0.60	0.47	79.1	80.7	75.0
Fort Dodge	163	45,153	3,003	616	1,315	2.00	1.87	2.32	70.1	73.2	78.1
Fort Madison	50	21,678	948	249	276	0.63	0.76	0.49	78.7	75.1	52.5
Greenfield	25	4,085	199	56	23	0.13	0.17	0.04	82.9	78.6	82.6
Grinnell	81	24,427	1,831	453	302	1.22	1.38	0.53	65.2	65.6	48.7
Grundy Center	25	3,724	73	21	35	0.05	0.06	0.06	46.6	61.9	48.6
Guthrie Center	25	5,456	180	53	45	0.12	0.16	0.08	53.9	54.7	60.0
Guttenberg	25	4,432	278	82	64	0.18	0.25	0.11	61.9	62.2	62.5
Hamburg	25	2,073	130	42	101	0.09	0.13	0.18	30.8	33.3	35.6
Hampton	25	7,316	164	39	170	0.11	0.12	0.30	64.0	61.5	58.2
Harlan	52	11,697	522	155	229	0.35	0.47	0.40	71.3	74.2	75.1
Hawarden	25	3,011	105	31	26	0.07	0.09	0.05	61.9	58.1	73.1
Humboldt	21	6,574	189	64	213	0.13	0.19	0.38	68.8	64.1	69.5
Ida Grove	42	11,016	534	110	135	0.36	0.33	0.24	80.7	81.8	50.4
Independence	25	7,688	192	72	130	0.13	0.22	0.23	72.9	73.6	72.3
Iowa City	1,031	149,227	16,829	2,486	4,963	11.19	7.56	8.77	30.5	38.0	41.1
Iowa Falls	30	10,750	315	98	172	0.21	0.30	0.30	59.4	57.1	55.8
Jefferson	25	6,694	268	78	185	0.18	0.24	0.33	71.3	71.8	68.6
Keokuk	97	27,999	1,367	354	429	0.91	1.08	0.76	88.9	86.4	85.5
Keosauqua	25	2,983	257	79	42	0.17	0.24	0.07	45.9	43.0	33.3
Knoxville	59	11,175	406	106	171	0.27	0.32	0.30	76.4	75.5	65.5
Lake City	49	4,216	653	150	181	0.43	0.46	0.32	31.4	33.3	31.5
LeMars	44	12,186	655	239	223	0.44	0.73	0.39	74.4	73.2	71.3
Leon	25	4,442	129	44	168	0.09	0.13	0.30	50.4	50.0	56.0
Manchester	15	12,845	315	91	107	0.21	0.28	0.19	56.2	50.5	55.1
Manning	17	2,128	158	40	62	0.11	0.12	0.11	59.5	60.0	69.4
Maquoketa	25	9,691	302	80	156	0.20	0.24	0.28	68.9	63.8	64.1
Marengo	25	2,580	8	3	0	0.01	0.01	0.00	100.0	100.0	NA
Marshalltown	99	40,862	1,787	468	444	1.19	1.42	0.78	73.3	75.4	67.8
Mason City	350	70,753	3,274	843	1,653	2.18	2.56	2.92	59.9	61.7	66.8
Missouri Valley	25	4,264	272	83	102	0.18	0.25	0.18	39.0	47.0	33.3

Appendix 15. Activity Summary for Group 9: Diseases of the digestive system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	5,091	283	80	233	0.19	0.24	0.41	70.0	73.8	79.8
Mount Pleasant	50	14,466	726	177	363	0.48	0.54	0.64	60.5	62.1	66.9
Muscatine	72	30,951	1,453	393	774	0.97	1.19	1.37	82.9	77.6	83.5
Nevada	25	6,934	120	32	68	0.08	0.10	0.12	65.0	62.5	47.1
New Hampton	25	8,772	386	114	163	0.26	0.35	0.29	72.8	70.2	54.0
Newton	68	22,177	931	241	684	0.62	0.73	1.21	78.4	80.1	80.4
Oelwein	25	11,090	343	116	147	0.23	0.35	0.26	91.5	87.9	66.0
Onawa	48	9,349	736	163	246	0.49	0.50	0.43	70.8	64.4	57.7
Orange City	30	10,089	701	167	274	0.47	0.51	0.48	73.2	67.7	55.5
Osage	25	5,950	228	81	116	0.15	0.25	0.20	68.0	59.3	56.9
Osceola	25	6,502	258	70	110	0.17	0.21	0.19	80.2	77.1	78.2
Oskaloosa	77	17,029	384	92	278	0.26	0.28	0.49	80.5	82.6	73.7
Ottumwa	221	39,476	1,925	469	721	1.28	1.43	1.27	81.0	80.6	75.6
Pella	47	13,935	613	168	393	0.41	0.51	0.69	53.5	51.2	50.6
Perry	25	9,588	156	51	137	0.10	0.16	0.24	75.0	72.5	73.7
Pocahontas	25	2,713	47	21	115	0.03	0.06	0.20	21.3	23.8	38.3
Primghar	14	1,858	81	30	151	0.05	0.09	0.27	42.0	36.7	33.1
Red Oak	40	10,395	881	190	311	0.59	0.58	0.55	65.9	71.1	71.4
Rock Rapids	25	3,219	168	47	82	0.11	0.14	0.14	63.1	66.0	63.4
Rock Valley	28	3,927	160	44	44	0.11	0.13	0.08	87.5	88.6	79.5
Sac City	33	6,481	518	146	83	0.34	0.44	0.15	67.6	71.9	57.8
Sheldon	28	6,889	295	98	203	0.20	0.30	0.36	59.7	64.3	59.6
Shenandoah	44	9,336	511	115	232	0.34	0.35	0.41	83.2	80.9	64.7
Sibley	32	5,536	248	78	104	0.16	0.24	0.18	55.2	52.6	47.1
Sigourney	25	3,080	24	7	2	0.02	0.02	0.00	45.8	57.1	100.0
Sioux Center	21	8,240	457	150	137	0.30	0.46	0.24	57.8	51.3	59.9
Sioux City	828	151,896	10,543	2,109	3,953	7.01	6.41	6.98	76.7	79.9	78.3
Spencer	99	18,824	919	268	418	0.61	0.81	0.74	64.7	69.0	69.6
Spirit Lake	49	15,959	757	191	310	0.50	0.58	0.55	80.1	79.1	75.8
Storm Lake	54	16,946	663	195	432	0.44	0.59	0.76	59.4	61.0	67.6
Sumner	25	3,065	90	27	69	0.06	0.08	0.12	80.0	77.8	68.1
Vinton	29	6,593	102	43	196	0.07	0.13	0.35	68.6	76.7	60.2

Appendix 15. Activity Summary for Group 9: Diseases of the digestive system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	8,901	467	135	261	0.31	0.41	0.46	67.0	63.7	69.7
Waterloo	589	161,777	7,946	2,121	5,230	5.28	6.45	9.24	83.7	84.3	82.2
Waukon	25	10,230	357	99	78	0.24	0.30	0.14	64.1	56.6	61.5
Waverly	25	13,053	210	77	288	0.14	0.23	0.51	52.9	55.8	68.8
Webster City	40	10,767	761	206	380	0.51	0.63	0.67	72.7	68.4	68.7
West Burlington	148	51,377	3,572	810	1,608	2.38	2.46	2.84	81.8	79.9	75.1
West Union	25	8,619	222	71	98	0.15	0.22	0.17	47.3	46.5	57.1
Winterset	25	6,873	452	114	212	0.30	0.35	0.37	81.4	76.3	65.6
State Totals	11,927		150,371	32,900	56,619	100.00	100.00	100.00	69.3	71.5	70.8

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 16. Activity Summary for Group 10: Diseases of the genitourinary system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,848	65	22	16	0.11	0.13	0.15	73.8	72.7	56.3
Algona	40	10,089	61	25	63	0.10	0.15	0.58	85.2	84.0	85.7
Ames	200	72,280	1,749	540	190	2.98	3.14	1.74	45.1	43.0	42.1
Anamosa	25	7,555	54	19	0	0.09	0.11	0.00	66.7	68.4	NA
Atlantic	71	19,736	460	105	49	0.78	0.61	0.45	64.6	62.9	65.3
Audubon	25	3,652	73	29	52	0.12	0.17	0.47	83.6	86.2	88.5
Belmond	15	3,136	7	3	15	0.01	0.02	0.14	71.4	66.7	60.0
Bloomfield	25	4,990	174	48	23	0.30	0.28	0.21	71.3	70.8	60.9
Boone	57	19,046	393	122	71	0.67	0.71	0.65	87.3	84.4	74.6
Britt	25	4,422	47	20	9	0.08	0.12	0.08	23.4	30.0	33.3
Carroll	99	16,821	292	100	39	0.50	0.58	0.36	62.3	63.0	51.3
Cedar Rapids	750	216,599	3,396	1,061	1,059	5.78	6.17	9.67	78.5	79.2	82.7
Centerville	34	14,956	442	115	74	0.75	0.67	0.68	78.7	81.7	78.4
Chariton	25	7,896	94	30	19	0.16	0.17	0.17	66.0	76.7	63.2
Charles City	25	12,539	194	71	36	0.33	0.41	0.33	71.1	66.2	80.6
Cherokee	67	9,554	103	45	41	0.18	0.26	0.37	66.0	66.7	80.5
Clarinda	30	9,576	158	54	23	0.27	0.31	0.21	88.6	83.3	73.9
Clarion	25	3,907	56	22	48	0.10	0.13	0.44	25.0	27.3	50.0
Clinton	163	54,737	948	259	52	1.61	1.51	0.47	83.1	84.2	75.0
Corning	22	3,954	100	31	43	0.17	0.18	0.39	46.0	41.9	39.5
Corydon	28	4,155	109	31	37	0.19	0.18	0.34	51.4	51.6	64.9
Council Bluffs	496	70,979	2,721	790	370	4.63	4.60	3.38	68.5	61.9	56.5
Cresco	25	6,572	49	13	33	0.08	0.08	0.30	73.5	69.2	66.7
Creston	80	12,405	286	97	81	0.49	0.56	0.74	67.1	63.9	69.1
Davenport	632	166,724	2,328	709	478	3.96	4.12	4.36	67.8	65.3	68.2
Decorah	75	22,661	178	70	36	0.30	0.41	0.33	64.0	61.4	61.1
Denison	72	10,546	104	50	42	0.18	0.29	0.38	68.3	64.0	64.3
Des Moines	2,414	473,718	11,945	3,084	1,372	20.33	17.94	12.53	79.3	81.4	81.3
Dewitt	13	7,599	47	17	4	0.08	0.10	0.04	63.8	64.7	50.0
Dubuque	508	115,695	2,174	691	325	3.70	4.02	2.97	69.9	71.2	71.7
Elkader	25	2,921	17	9	11	0.03	0.05	0.10	11.8	22.2	54.5
Emmetsburg	32	7,808	147	53	39	0.25	0.31	0.36	76.9	69.8	53.8

Appendix 16. Activity Summary for Group 10: Diseases of the genitourinary system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	8,747	114	43	5	0.19	0.25	0.05	78.9	74.4	60.0
Fairfield	67	15,429	209	65	36	0.36	0.38	0.33	77.5	73.8	69.4
Fort Dodge	163	46,223	1,092	331	132	1.86	1.93	1.21	74.3	72.5	62.9
Fort Madison	50	21,678	437	155	118	0.74	0.90	1.08	65.2	66.5	49.2
Greenfield	25	4,866	96	27	9	0.16	0.16	0.08	61.5	66.7	88.9
Grinnell	81	19,023	562	200	100	0.96	1.16	0.91	69.4	71.5	70.0
Grundy Center	25	3,724	24	9	14	0.04	0.05	0.13	58.3	66.7	64.3
Guthrie Center	25	6,424	95	30	4	0.16	0.17	0.04	40.0	50.0	50.0
Guttenberg	25	4,093	75	23	7	0.13	0.13	0.06	78.7	78.3	42.9
Hamburg	25	3,575	131	45	11	0.22	0.26	0.10	28.2	28.9	45.5
Hampton	25	7,138	59	12	3	0.10	0.07	0.03	81.4	66.7	66.7
Harlan	52	12,213	239	78	75	0.41	0.45	0.68	82.4	74.4	74.7
Hawarden	25	3,011	28	12	0	0.05	0.07	0.00	53.6	58.3	NA
Humboldt	21	6,574	70	27	58	0.12	0.16	0.53	45.7	44.4	24.1
Ida Grove	42	11,016	239	46	34	0.41	0.27	0.31	95.8	91.3	88.2
Independence	25	8,751	115	44	33	0.20	0.26	0.30	66.1	68.2	63.6
Iowa City	1,031	146,720	5,072	1,150	2,105	8.63	6.69	19.22	33.5	37.4	46.5
Iowa Falls	30	12,277	208	72	13	0.35	0.42	0.12	36.1	45.8	53.8
Jefferson	25	8,021	107	29	25	0.18	0.17	0.23	55.1	55.2	52.0
Keokuk	97	27,684	561	169	116	0.95	0.98	1.06	84.0	83.4	75.9
Keosauqua	25	2,304	53	21	3	0.09	0.12	0.03	52.8	42.9	0.0
Knoxville	59	11,175	149	45	18	0.25	0.26	0.16	61.7	68.9	83.3
Lake City	49	5,819	295	80	71	0.50	0.47	0.65	53.2	52.5	57.7
LeMars	44	11,681	252	90	10	0.43	0.52	0.09	69.0	68.9	100.0
Leon	25	8,545	157	58	25	0.27	0.34	0.23	63.1	62.1	40.0
Manchester	15	11,798	79	29	13	0.13	0.17	0.12	29.1	37.9	46.2
Manning	17	3,066	68	29	44	0.12	0.17	0.40	73.5	62.1	68.2
Maquoketa	25	9,691	103	31	37	0.18	0.18	0.34	58.3	64.5	67.6
Marengo	25	3,497	11	3	0	0.02	0.02	0.00	72.7	66.7	NA
Marshalltown	99	40,281	555	228	131	0.94	1.33	1.20	65.9	65.8	67.2
Mason City	350	71,140	1,329	508	356	2.26	2.95	3.25	53.6	53.7	53.1
Missouri Valley	25	4,264	49	18	49	0.08	0.10	0.45	77.6	66.7	32.7

Appendix 16. Activity Summary for Group 10: Diseases of the genitourinary system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	3,820	62	23	31	0.11	0.13	0.28	56.5	56.5	54.8
Mount Pleasant	50	12,017	185	64	31	0.31	0.37	0.28	52.4	50.0	54.8
Muscatine	72	30,553	339	122	131	0.58	0.71	1.20	84.4	82.0	76.3
Nevada	25	6,934	102	14	10	0.17	0.08	0.09	10.8	28.6	30.0
New Hampton	25	8,403	119	35	12	0.20	0.20	0.11	77.3	74.3	50.0
Newton	68	22,177	357	122	47	0.61	0.71	0.43	70.3	70.5	76.6
Oelwein	25	11,090	137	51	9	0.23	0.30	0.08	84.7	84.3	66.7
Onawa	48	9,349	278	79	41	0.47	0.46	0.37	63.3	62.0	70.7
Orange City	30	9,295	227	82	20	0.39	0.48	0.18	66.5	59.8	55.0
Osage	25	5,331	59	21	6	0.10	0.12	0.05	59.3	61.9	66.7
Osceola	25	7,523	162	50	78	0.28	0.29	0.71	72.2	72.0	46.2
Oskaloosa	77	16,604	138	60	21	0.23	0.35	0.19	68.8	66.7	57.1
Ottumwa	221	42,359	1,110	369	189	1.89	2.15	1.73	74.4	66.4	51.3
Pella	47	15,554	376	148	113	0.64	0.86	1.03	50.0	46.6	32.7
Perry	25	9,588	86	27	32	0.15	0.16	0.29	91.9	88.9	71.9
Pocahontas	25	2,713	26	10	30	0.04	0.06	0.27	23.1	30.0	56.7
Primghar	14	1,858	20	8	25	0.03	0.05	0.23	50.0	37.5	48.0
Red Oak	40	10,161	233	61	12	0.40	0.35	0.11	57.1	62.3	50.0
Rock Rapids	25	3,219	85	29	9	0.14	0.17	0.08	70.6	69.0	88.9
Rock Valley	28	5,015	82	25	7	0.14	0.15	0.06	81.7	80.0	85.7
Sac City	33	6,481	158	43	17	0.27	0.25	0.16	72.8	74.4	64.7
Sheldon	28	8,783	205	62	20	0.35	0.36	0.18	70.2	77.4	70.0
Shenandoah	44	8,616	123	53	69	0.21	0.31	0.63	74.8	69.8	78.3
Sibley	32	5,536	115	25	10	0.20	0.15	0.09	60.0	52.0	70.0
Sigourney	25	3,080	6	3	0	0.01	0.02	0.00	100.0	100.0	NA
Sioux Center	21	8,240	262	30	37	0.45	0.17	0.34	70.2	50.0	86.5
Sioux City	828	152,666	4,598	1,173	172	7.82	6.82	1.57	72.5	74.4	69.8
Spencer	99	18,824	408	149	122	0.69	0.87	1.11	50.0	51.0	48.4
Spirit Lake	49	16,220	289	84	19	0.49	0.49	0.17	79.2	77.4	36.8
Storm Lake	54	17,169	221	83	66	0.38	0.48	0.60	66.1	63.9	75.8
Sumner	25	3,065	42	18	20	0.07	0.10	0.18	90.5	83.3	75.0
Vinton	29	6,593	86	20	20	0.15	0.12	0.18	90.7	85.0	75.0

Appendix 16. Activity Summary for Group 10: Diseases of the genitourinary system

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	10,227	191	50	12	0.33	0.29	0.11	69.6	68.0	50.0
Waterloo	589	164,447	3,651	1,176	773	6.21	6.84	7.06	78.3	77.1	77.6
Waukon	25	6,221	45	18	11	0.08	0.10	0.10	80.0	66.7	54.5
Waverly	25	13,053	98	37	24	0.17	0.22	0.22	58.2	59.5	37.5
Webster City	40	10,271	191	74	22	0.33	0.43	0.20	64.9	64.9	45.5
West Burlington	148	59,128	2,006	568	240	3.41	3.30	2.19	74.6	73.6	68.3
West Union	25	8,619	59	25	16	0.10	0.15	0.15	33.9	40.0	56.3
Winterset	25	6,873	220	59	22	0.37	0.34	0.20	90.9	84.7	77.3
State Totals	11,927		58,761	17,192	10,951	100.00	100.00	100.00	68.6	68.6	64.7

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 17. Activity Summary for Group 11: Complications of pregnancy, childbirth, and the puerperium

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	4,435	4	2	1	0.00	0.01	0.12	100.0	100.0	0.0
Algona	40	13,746	211	93	4	0.21	0.23	0.48	79.6	77.4	100.0
Ames	200	83,558	3,128	1,271	91	3.10	3.19	11.00	60.1	61.8	65.9
Anamosa	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Atlantic	71	19,510	344	143	5	0.34	0.36	0.60	71.2	71.3	80.0
Audubon	25	3,055	32	15	4	0.03	0.04	0.48	53.1	60.0	100.0
Belmond	15	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Bloomfield	25	4,066	93	49	1	0.09	0.12	0.12	37.6	46.9	0.0
Boone	57	18,363	302	133	5	0.30	0.33	0.60	64.2	63.2	20.0
Britt	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Carroll	99	19,239	700	296	19	0.69	0.74	2.30	63.7	64.5	78.9
Cedar Rapids	750	248,784	9,699	3,580	14	9.61	8.99	1.69	92.7	92.7	64.3
Centerville	34	11,973	205	91	2	0.20	0.23	0.24	70.7	69.2	100.0
Chariton	25	8,231	153	88	4	0.15	0.22	0.48	65.4	64.8	0.0
Charles City	25	11,909	170	69	1	0.17	0.17	0.12	65.9	65.2	0.0
Cherokee	67	11,220	273	113	2	0.27	0.28	0.24	70.7	69.0	50.0
Clarinda	30	9,014	88	48	2	0.09	0.12	0.24	76.1	75.0	50.0
Clarion	25	6,619	169	77	2	0.17	0.19	0.24	47.3	44.2	50.0
Clinton	163	52,738	1,398	592	1	1.38	1.49	0.12	81.2	80.9	0.0
Corning	22	3,785	73	43	1	0.07	0.11	0.12	19.2	23.3	0.0
Corydon	28	4,280	133	79	1	0.13	0.20	0.12	39.1	38.0	0.0
Council Bluffs	496	69,802	2,966	1,191	18	2.94	2.99	2.18	61.5	60.4	66.7
Cresco	25	6,572	148	65	5	0.15	0.16	0.60	47.3	44.6	60.0
Creston	80	27,962	562	220	6	0.56	0.55	0.73	81.9	83.2	100.0
Davenport	632	192,591	7,091	2,749	24	7.03	6.90	2.90	83.8	84.4	62.5
Decorah	75	23,066	611	268	6	0.61	0.67	0.73	55.3	56.0	66.7
Denison	72	13,553	303	128	7	0.30	0.32	0.85	77.6	78.1	100.0
Des Moines	2,414	498,876	23,360	8,741	66	23.14	21.94	7.98	86.4	88.8	84.8
Dewitt	13	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Dubuque	508	117,252	4,006	1,651	17	3.97	4.14	2.06	80.2	80.4	58.8
Elkader	25	0	2	1	1	0.00	0.00	0.12	0.0	0.0	0.0
Emmetsburg	32	7,640	218	81	3	0.22	0.20	0.36	69.3	70.4	66.7

Appendix 17. Activity Summary for Group 11: Complications of pregnancy, childbirth, and the puerperium

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	8,747	187	79	3	0.19	0.20	0.36	87.7	86.1	100.0
Fairfield	67	0	3	1	0	0.00	0.00	0.00	0.0	0.0	NA
Fort Dodge	163	46,716	1,409	603	28	1.40	1.51	3.39	71.8	73.0	78.6
Fort Madison	50	22,767	699	279	6	0.69	0.70	0.73	62.2	63.4	66.7
Greenfield	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Grinnell	81	17,022	532	197	15	0.53	0.49	1.81	58.1	54.8	66.7
Grundy Center	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Guthrie Center	25	0	3	2	1	0.00	0.01	0.12	0.0	0.0	0.0
Guttenberg	25	3,682	77	33	0	0.08	0.08	0.00	24.7	27.3	NA
Hamburg	25	0	0	0	1	0.00	0.00	0.12	NA	NA	0.0
Hampton	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Harlan	52	12,213	361	132	4	0.36	0.33	0.48	71.7	72.7	75.0
Hawarden	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Humboldt	21	6,574	95	37	1	0.09	0.09	0.12	44.2	43.2	0.0
Ida Grove	42	7,503	219	104	3	0.22	0.26	0.36	77.2	76.9	66.7
Independence	25	7,688	80	35	1	0.08	0.09	0.12	61.3	57.1	0.0
Iowa City	1,031	145,401	8,982	3,119	97	8.90	7.83	11.73	54.5	61.9	73.2
Iowa Falls	30	11,638	264	126	8	0.26	0.32	0.97	64.8	60.3	62.5
Jefferson	25	9,368	189	102	2	0.19	0.26	0.24	25.4	23.5	0.0
Keokuk	97	26,650	599	253	12	0.59	0.64	1.45	78.3	77.9	91.7
Keosauqua	25	2,062	62	33	1	0.06	0.08	0.12	25.8	27.3	0.0
Knoxville	59	10,393	147	66	0	0.15	0.17	0.00	60.5	60.6	NA
Lake City	49	4,216	241	95	4	0.24	0.24	0.48	19.5	23.2	75.0
LeMars	44	11,681	281	135	6	0.28	0.34	0.73	70.1	71.9	100.0
Leon	25	5,911	95	47	1	0.09	0.12	0.12	35.8	42.6	0.0
Manchester	15	16,781	453	182	0	0.45	0.46	0.00	75.5	74.7	NA
Manning	17	2,128	57	22	1	0.06	0.06	0.12	42.1	40.9	0.0
Maquoketa	25	9,029	181	74	7	0.18	0.19	0.85	47.0	47.3	85.7
Marengo	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Marshalltown	99	45,698	1,289	583	3	1.28	1.46	0.36	83.9	84.2	33.3
Mason City	350	87,638	2,725	1,129	34	2.70	2.83	4.11	76.3	76.9	61.8
Missouri Valley	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA

Appendix 17. Activity Summary for Group 11: Complications of pregnancy, childbirth, and the puerperium

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Mount Pleasant	50	16,901	394	166	2	0.39	0.42	0.24	76.1	75.3	100.0
Muscatine	72	30,951	852	377	23	0.84	0.95	2.78	81.7	82.5	95.7
Nevada	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
New Hampton	25	7,056	135	51	1	0.13	0.13	0.12	44.4	47.1	0.0
Newton	68	22,177	651	250	4	0.64	0.63	0.48	72.7	74.4	25.0
Oelwein	25	10,739	108	50	0	0.11	0.13	0.00	67.6	68.0	NA
Onawa	48	6,427	239	103	0	0.24	0.26	0.00	45.2	50.5	NA
Orange City	30	10,403	555	215	5	0.55	0.54	0.60	46.1	44.7	20.0
Osage	25	5,853	147	61	5	0.15	0.15	0.60	60.5	59.0	80.0
Osceola	25	5,140	4	2	0	0.00	0.01	0.00	75.0	50.0	NA
Oskaloosa	77	18,086	399	163	4	0.40	0.41	0.48	72.2	70.6	75.0
Ottumwa	221	51,286	1,918	839	13	1.90	2.11	1.57	57.4	57.4	53.8
Pella	47	16,588	789	341	3	0.78	0.86	0.36	50.6	49.9	33.3
Perry	25	0	0	0	1	0.00	0.00	0.12	NA	NA	0.0
Pocahontas	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Primghar	14	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Red Oak	40	10,161	232	92	1	0.23	0.23	0.12	61.2	62.0	0.0
Rock Rapids	25	3,219	98	42	0	0.10	0.11	0.00	52.0	57.1	NA
Rock Valley	28	5,015	137	55	0	0.14	0.14	0.00	62.0	60.0	NA
Sac City	33	3,326	39	15	2	0.04	0.04	0.24	61.5	66.7	0.0
Sheldon	28	8,496	207	95	7	0.21	0.24	0.85	64.7	65.3	71.4
Shenandoah	44	9,336	161	79	1	0.16	0.20	0.12	65.8	68.4	0.0
Sibley	32	4,857	146	59	4	0.14	0.15	0.48	57.5	55.9	100.0
Sigourney	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Sioux Center	21	8,240	493	223	9	0.49	0.56	1.09	36.3	35.4	55.6
Sioux City	828	152,728	7,104	2,785	8	7.04	6.99	0.97	89.0	90.2	50.0
Spencer	99	19,809	571	273	11	0.57	0.69	1.33	69.2	68.1	72.7
Spirit Lake	49	16,220	412	172	19	0.41	0.43	2.30	68.2	66.9	73.7
Storm Lake	54	22,596	550	245	6	0.54	0.62	0.73	84.9	84.9	83.3
Sumner	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Vinton	29	0	0	0	0	0.00	0.00	0.00	NA	NA	NA

Appendix 17. Activity Summary for Group 11: Complications of pregnancy, childbirth, and the puerperium

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	8,901	207	100	1	0.21	0.25	0.12	48.8	48.0	0.0
Waterloo	589	170,027	5,795	2,450	99	5.74	6.15	11.97	81.3	81.1	81.8
Waukon	25	7,162	167	78	4	0.17	0.20	0.48	56.3	53.8	50.0
Waverly	25	14,660	275	119	5	0.27	0.30	0.60	51.6	52.9	60.0
Webster City	40	10,767	446	184	3	0.44	0.46	0.36	47.8	48.9	33.3
West Burlington	148	51,075	1,772	694	30	1.76	1.74	3.63	71.6	72.3	63.3
West Union	25	10,302	263	113	4	0.26	0.28	0.48	55.5	52.2	25.0
Winterset	25	0	1	1	0	0.00	0.00	0.00	0.0	0.0	NA
State Totals	11,927		100,939	39,837	827	100.00	100.00	100.00	76.4	77.4	69.9

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 18. Activity Summary for Group 12: Diseases of the skin and subcutaneous tissue

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,848	40	12	2	0.13	0.23	1.42	87.5	91.7	100.0
Algona	40	10,837	36	10	0	0.12	0.19	0.00	77.8	80.0	NA
Ames	200	69,370	457	100	3	1.47	1.90	2.13	55.4	53.0	66.7
Anamosa	25	7,983	36	12	0	0.12	0.23	0.00	69.4	66.7	NA
Atlantic	71	18,219	424	51	0	1.36	0.97	0.00	93.2	82.4	NA
Audubon	25	3,206	27	7	1	0.09	0.13	0.71	88.9	85.7	0.0
Belmond	15	3,136	10	3	0	0.03	0.06	0.00	30.0	33.3	NA
Bloomfield	25	4,990	77	18	1	0.25	0.34	0.71	48.1	61.1	0.0
Boone	57	20,049	235	36	0	0.75	0.68	0.00	73.6	69.4	NA
Britt	25	5,625	32	8	0	0.10	0.15	0.00	81.3	75.0	NA
Carroll	99	16,173	175	43	0	0.56	0.82	0.00	69.1	67.4	NA
Cedar Rapids	750	216,394	1,687	300	8	5.42	5.70	5.67	87.3	82.7	87.5
Centerville	34	15,270	315	37	0	1.01	0.70	0.00	89.5	89.2	NA
Chariton	25	7,384	29	10	0	0.09	0.19	0.00	48.3	40.0	NA
Charles City	25	15,515	173	34	2	0.56	0.65	1.42	59.0	64.7	100.0
Cherokee	67	9,554	35	13	0	0.11	0.25	0.00	45.7	46.2	NA
Clarinda	30	9,014	106	22	1	0.34	0.42	0.71	98.1	90.9	0.0
Clarion	25	3,907	22	6	0	0.07	0.11	0.00	68.2	66.7	NA
Clinton	163	61,847	857	117	0	2.75	2.22	0.00	89.1	85.5	NA
Corning	22	3,324	40	8	3	0.13	0.15	2.13	42.5	37.5	66.7
Corydon	28	3,746	44	12	1	0.14	0.23	0.71	56.8	58.3	0.0
Council Bluffs	496	73,826	2,111	209	9	6.78	3.97	6.38	79.1	64.6	100.0
Cresco	25	6,213	23	6	0	0.07	0.11	0.00	60.9	66.7	NA
Creston	80	12,405	82	22	0	0.26	0.42	0.00	65.9	59.1	NA
Davenport	632	162,524	802	166	6	2.57	3.15	4.26	80.9	75.3	100.0
Decorah	75	13,280	27	8	0	0.09	0.15	0.00	18.5	25.0	NA
Denison	72	9,670	41	14	0	0.13	0.27	0.00	68.3	64.3	NA
Des Moines	2,414	477,699	5,884	908	28	18.89	17.24	19.86	82.0	83.7	75.0
Dewitt	13	7,599	30	9	1	0.10	0.17	0.71	90.0	77.8	0.0
Dubuque	508	115,695	1,127	219	1	3.62	4.16	0.71	75.5	75.3	0.0
Elkader	25	3,763	26	8	0	0.08	0.15	0.00	50.0	37.5	NA
Emmetsburg	32	5,141	28	8	0	0.09	0.15	0.00	39.3	50.0	NA

Appendix 18. Activity Summary for Group 12: Diseases of the skin and subcutaneous tissue

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	8,747	44	12	0	0.14	0.23	0.00	79.5	75.0	NA
Fairfield	67	17,625	163	36	0	0.52	0.68	0.00	80.4	77.8	NA
Fort Dodge	163	48,617	668	106	0	2.14	2.01	0.00	68.3	67.9	NA
Fort Madison	50	22,767	173	39	1	0.56	0.74	0.71	75.1	71.8	0.0
Greenfield	25	4,893	56	11	0	0.18	0.21	0.00	76.8	72.7	NA
Grinnell	81	17,562	139	35	0	0.45	0.66	0.00	74.8	65.7	NA
Grundy Center	25	3,724	45	9	0	0.14	0.17	0.00	60.0	55.6	NA
Guthrie Center	25	5,456	43	12	0	0.14	0.23	0.00	60.5	50.0	NA
Guttenberg	25	4,093	35	5	0	0.11	0.09	0.00	82.9	80.0	NA
Hamburg	25	3,857	95	19	2	0.31	0.36	1.42	31.6	42.1	100.0
Hampton	25	7,316	60	5	0	0.19	0.09	0.00	100.0	100.0	NA
Harlan	52	9,842	133	32	0	0.43	0.61	0.00	67.7	62.5	NA
Hawarden	25	3,011	18	6	0	0.06	0.11	0.00	27.8	33.3	NA
Humboldt	21	6,258	8	2	1	0.03	0.04	0.71	50.0	50.0	0.0
Ida Grove	42	12,615	133	20	1	0.43	0.38	0.71	100.0	100.0	0.0
Independence	25	11,070	103	27	0	0.33	0.51	0.00	82.5	85.2	NA
Iowa City	1,031	151,394	3,553	478	27	11.41	9.08	19.15	35.4	36.2	33.3
Iowa Falls	30	12,793	147	18	0	0.47	0.34	0.00	46.3	66.7	NA
Jefferson	25	9,540	210	27	0	0.67	0.51	0.00	79.5	88.9	NA
Keokuk	97	27,684	237	64	0	0.76	1.22	0.00	96.2	93.8	NA
Keosauqua	25	2,304	40	13	0	0.13	0.25	0.00	25.0	23.1	NA
Knoxville	59	12,148	157	27	2	0.50	0.51	1.42	89.2	81.5	100.0
Lake City	49	6,076	215	42	1	0.69	0.80	0.71	47.4	45.2	0.0
LeMars	44	11,280	80	23	0	0.26	0.44	0.00	46.3	56.5	NA
Leon	25	8,198	37	12	0	0.12	0.23	0.00	70.3	75.0	NA
Manchester	15	15,807	101	16	0	0.32	0.30	0.00	42.6	56.3	NA
Manning	17	4,509	49	12	0	0.16	0.23	0.00	44.9	66.7	NA
Maquoketa	25	9,029	45	14	0	0.14	0.27	0.00	66.7	64.3	NA
Marengo	25	3,497	4	1	0	0.01	0.02	0.00	0.0	0.0	NA
Marshalltown	99	50,113	470	86	2	1.51	1.63	1.42	93.6	93.0	100.0
Mason City	350	69,103	473	104	1	1.52	1.97	0.71	76.1	73.1	0.0
Missouri Valley	25	4,264	77	17	0	0.25	0.32	0.00	23.4	35.3	NA

Appendix 18. Activity Summary for Group 12: Diseases of the skin and subcutaneous tissue

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	3,166	9	4	4	0.03	0.08	2.84	88.9	75.0	100.0
Mount Pleasant	50	15,505	130	23	1	0.42	0.44	0.71	76.2	73.9	0.0
Muscatine	72	40,144	631	62	2	2.03	1.18	1.42	84.0	88.7	100.0
Nevada	25	6,934	48	6	0	0.15	0.11	0.00	52.1	50.0	NA
New Hampton	25	9,129	100	9	0	0.32	0.17	0.00	91.0	55.6	NA
Newton	68	22,177	179	36	1	0.57	0.68	0.71	84.9	91.7	0.0
Oelwein	25	10,739	34	13	0	0.11	0.25	0.00	85.3	84.6	NA
Onawa	48	10,471	216	46	0	0.69	0.87	0.00	52.3	54.3	NA
Orange City	30	8,189	91	24	0	0.29	0.46	0.00	35.2	37.5	NA
Osage	25	5,331	24	7	0	0.08	0.13	0.00	45.8	57.1	NA
Osceola	25	5,802	26	5	0	0.08	0.09	0.00	69.2	60.0	NA
Oskaloosa	77	16,604	51	10	1	0.16	0.19	0.71	88.2	90.0	0.0
Ottumwa	221	39,258	282	62	1	0.91	1.18	0.71	89.4	88.7	0.0
Pella	47	11,763	38	14	1	0.12	0.27	0.71	15.8	28.6	0.0
Perry	25	9,928	69	10	0	0.22	0.19	0.00	97.1	90.0	NA
Pocahontas	25	2,713	11	3	0	0.04	0.06	0.00	72.7	66.7	NA
Primghar	14	3,222	63	7	0	0.20	0.13	0.00	7.9	28.6	NA
Red Oak	40	14,706	545	66	0	1.75	1.25	0.00	80.7	89.4	NA
Rock Rapids	25	4,891	90	20	0	0.29	0.38	0.00	53.3	55.0	NA
Rock Valley	28	3,927	29	6	1	0.09	0.11	0.71	65.5	66.7	0.0
Sac City	33	7,664	81	15	0	0.26	0.28	0.00	59.3	60.0	NA
Sheldon	28	10,663	191	36	0	0.61	0.68	0.00	99.5	97.2	NA
Shenandoah	44	7,131	36	9	4	0.12	0.17	2.84	83.3	88.9	75.0
Sibley	32	3,780	41	3	0	0.13	0.06	0.00	100.0	100.0	NA
Sigourney	25	3,080	4	1	1	0.01	0.02	0.71	100.0	100.0	0.0
Sioux Center	21	7,313	49	14	0	0.16	0.27	0.00	71.4	71.4	NA
Sioux City	828	152,680	2,504	319	3	8.04	6.06	2.13	79.0	84.6	33.3
Spencer	99	23,813	279	56	0	0.90	1.06	0.00	79.6	67.9	NA
Spirit Lake	49	11,088	57	19	0	0.18	0.36	0.00	47.4	47.4	NA
Storm Lake	54	15,506	52	12	0	0.17	0.23	0.00	55.8	50.0	NA
Sumner	25	4,113	40	13	1	0.13	0.25	0.71	62.5	69.2	0.0
Vinton	29	6,593	24	8	3	0.08	0.15	2.13	100.0	100.0	66.7

Appendix 18. Activity Summary for Group 12: Diseases of the skin and subcutaneous tissue

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	8,901	65	15	0	0.21	0.28	0.00	66.2	60.0	NA
Waterloo	589	156,638	1,322	335	7	4.24	6.36	4.96	80.0	81.8	85.7
Waukon	25	10,225	51	14	0	0.16	0.27	0.00	33.3	35.7	NA
Waverly	25	13,053	48	18	1	0.15	0.34	0.71	54.2	50.0	0.0
Webster City	40	11,056	162	39	0	0.52	0.74	0.00	77.8	71.8	NA
West Burlington	148	48,031	452	111	2	1.45	2.11	1.42	75.4	73.9	50.0
West Union	25	8,619	24	7	0	0.08	0.13	0.00	75.0	71.4	NA
Winterset	25	7,937	150	23	2	0.48	0.44	1.42	74.0	73.9	0.0
State Totals	11,927		31,147	5,266	141	100.00	100.00	100.00	73.2	72.5	60.3

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 19. Activity Summary for Group 13: Diseases of the musculoskeletal system and connective tissue

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,341	24	11	0	0.03	0.05	0.00	66.7	72.7	NA
Algona	40	9,586	66	15	1	0.07	0.07	0.02	84.8	80.0	0.0
Ames	200	74,411	2,050	553	145	2.32	2.60	2.98	35.0	33.6	46.2
Anamosa	25	7,555	13	6	0	0.01	0.03	0.00	38.5	50.0	NA
Atlantic	71	16,175	221	43	0	0.25	0.20	0.00	91.0	86.0	NA
Audubon	25	3,055	12	5	2	0.01	0.02	0.04	100.0	100.0	100.0
Belmond	15	0	3	1	0	0.00	0.00	0.00	0.0	0.0	NA
Bloomfield	25	4,440	91	18	1	0.10	0.08	0.02	94.5	94.4	0.0
Boone	57	18,363	343	64	33	0.39	0.30	0.68	76.1	75.0	66.7
Britt	25	3,472	59	13	0	0.07	0.06	0.00	1.7	7.7	NA
Carroll	99	21,018	454	112	10	0.51	0.53	0.21	77.1	74.1	60.0
Cedar Rapids	750	222,684	6,703	1,697	725	7.57	7.99	14.88	71.1	66.7	79.9
Centerville	34	14,370	285	44	0	0.32	0.21	0.00	86.7	84.1	NA
Chariton	25	7,719	49	14	1	0.06	0.07	0.02	49.0	50.0	0.0
Charles City	25	14,096	319	64	3	0.36	0.30	0.06	79.0	68.8	33.3
Cherokee	67	9,554	103	33	2	0.12	0.16	0.04	54.4	57.6	50.0
Clarinda	30	7,742	62	15	0	0.07	0.07	0.00	74.2	80.0	NA
Clarion	25	3,907	25	8	0	0.03	0.04	0.00	36.0	37.5	NA
Clinton	163	53,881	1,510	238	6	1.71	1.12	0.12	80.2	88.2	83.3
Corning	22	5,943	73	11	2	0.08	0.05	0.04	16.4	27.3	100.0
Corydon	28	4,061	59	18	0	0.07	0.08	0.00	25.4	16.7	NA
Council Bluffs	496	70,979	4,059	1,093	162	4.58	5.14	3.33	41.1	40.2	3.7
Cresco	25	4,912	18	4	1	0.02	0.02	0.02	22.2	50.0	0.0
Creston	80	11,177	52	14	1	0.06	0.07	0.02	69.2	71.4	0.0
Davenport	632	181,347	5,819	1,415	204	6.57	6.66	4.19	63.9	61.6	53.4
Decorah	75	22,913	259	59	21	0.29	0.28	0.43	78.0	72.9	66.7
Denison	72	8,496	22	5	1	0.02	0.02	0.02	36.4	40.0	0.0
Des Moines	2,414	483,534	18,108	4,145	589	20.45	19.51	12.09	68.5	67.6	67.6
Dewitt	13	6,346	63	13	1	0.07	0.06	0.02	42.9	53.8	0.0
Dubuque	508	132,757	4,756	1,227	143	5.37	5.77	2.94	73.6	73.4	64.3
Elkader	25	2,921	18	4	0	0.02	0.02	0.00	100.0	100.0	NA
Emmetsburg	32	4,510	29	12	3	0.03	0.06	0.06	34.5	41.7	66.7

Appendix 19. Activity Summary for Group 13: Diseases of the musculoskeletal system and connective tissue

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	8,747	189	50	6	0.21	0.24	0.12	79.4	78.0	83.3
Fairfield	67	17,625	505	106	3	0.57	0.50	0.06	79.4	77.4	33.3
Fort Dodge	163	58,554	1,829	460	86	2.07	2.16	1.77	74.6	74.3	80.2
Fort Madison	50	22,767	515	141	108	0.58	0.66	2.22	63.3	60.3	63.9
Greenfield	25	5,272	58	18	0	0.07	0.08	0.00	75.9	83.3	NA
Grinnell	81	18,384	409	125	0	0.46	0.59	0.00	70.9	72.8	NA
Grundy Center	25	2,836	9	6	0	0.01	0.03	0.00	0.0	0.0	NA
Guthrie Center	25	8,437	137	19	0	0.15	0.09	0.00	70.1	68.4	NA
Guttenberg	25	2,721	28	10	0	0.03	0.05	0.00	78.6	80.0	NA
Hamburg	25	1,880	17	4	0	0.02	0.02	0.00	0.0	0.0	NA
Hampton	25	0	2	2	0	0.00	0.01	0.00	0.0	0.0	NA
Harlan	52	10,100	187	56	1	0.21	0.26	0.02	69.0	69.6	0.0
Hawarden	25	3,011	13	5	0	0.01	0.02	0.00	76.9	80.0	NA
Humboldt	21	5,892	15	5	1	0.02	0.02	0.02	86.7	80.0	0.0
Ida Grove	42	12,375	161	36	14	0.18	0.17	0.29	83.9	86.1	92.9
Independence	25	7,688	93	14	2	0.11	0.07	0.04	91.4	78.6	50.0
Iowa City	1,031	158,572	11,458	2,308	282	12.94	10.86	5.79	28.3	29.7	30.9
Iowa Falls	30	8,698	85	24	1	0.10	0.11	0.02	61.2	62.5	0.0
Jefferson	25	5,347	49	10	1	0.06	0.05	0.02	34.7	20.0	0.0
Keokuk	97	23,434	466	120	3	0.53	0.56	0.06	65.9	67.5	0.0
Keosauqua	25	2,062	55	20	0	0.06	0.09	0.00	65.5	60.0	NA
Knoxville	59	11,175	72	13	2	0.08	0.06	0.04	51.4	53.8	100.0
Lake City	49	4,074	181	32	0	0.20	0.15	0.00	42.0	37.5	NA
LeMars	44	11,280	188	46	7	0.21	0.22	0.14	86.2	78.3	57.1
Leon	25	3,173	7	2	0	0.01	0.01	0.00	0.0	0.0	NA
Manchester	15	10,294	74	22	0	0.08	0.10	0.00	47.3	50.0	NA
Manning	17	2,128	29	9	5	0.03	0.04	0.10	100.0	100.0	100.0
Maquoketa	25	7,736	22	9	1	0.02	0.04	0.02	59.1	55.6	0.0
Marengo	25	2,580	6	2	0	0.01	0.01	0.00	0.0	0.0	NA
Marshalltown	99	46,361	956	201	127	1.08	0.95	2.61	84.4	81.1	91.3
Mason City	350	84,557	3,417	1,081	448	3.86	5.09	9.20	45.5	46.4	68.1
Missouri Valley	25	4,264	44	14	0	0.05	0.07	0.00	29.5	28.6	NA

Appendix 19. Activity Summary for Group 13: Diseases of the musculoskeletal system and connective tissue

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	3,708	17	6	0	0.02	0.03	0.00	64.7	50.0	NA
Mount Pleasant	50	15,505	334	88	2	0.38	0.41	0.04	52.1	55.7	50.0
Muscatine	72	30,553	472	95	39	0.53	0.45	0.80	85.6	81.1	76.9
Nevada	25	6,934	76	15	0	0.09	0.07	0.00	17.1	40.0	NA
New Hampton	25	5,321	41	15	0	0.05	0.07	0.00	43.9	40.0	NA
Newton	68	22,177	317	89	25	0.36	0.42	0.51	75.7	70.8	72.0
Oelwein	25	10,739	57	23	5	0.06	0.11	0.10	80.7	78.3	80.0
Onawa	48	8,235	147	38	5	0.17	0.18	0.10	57.8	57.9	40.0
Orange City	30	8,189	243	49	2	0.27	0.23	0.04	67.1	61.2	50.0
Osage	25	4,767	45	17	0	0.05	0.08	0.00	82.2	82.4	NA
Osceola	25	5,802	20	10	0	0.02	0.05	0.00	45.0	50.0	NA
Oskaloosa	77	14,320	20	6	14	0.02	0.03	0.29	55.0	66.7	92.9
Ottumwa	221	42,951	1,043	227	132	1.18	1.07	2.71	59.9	61.7	78.0
Pella	47	14,360	238	77	42	0.27	0.36	0.86	35.7	39.0	40.5
Perry	25	11,092	190	27	0	0.21	0.13	0.00	76.3	77.8	NA
Pocahontas	25	4,493	99	17	4	0.11	0.08	0.08	36.4	23.5	100.0
Primghar	14	1,858	46	5	0	0.05	0.02	0.00	23.9	60.0	NA
Red Oak	40	15,531	591	84	1	0.67	0.40	0.02	94.6	92.9	0.0
Rock Rapids	25	3,049	23	9	0	0.03	0.04	0.00	60.9	55.6	NA
Rock Valley	28	3,589	31	8	0	0.04	0.04	0.00	96.8	87.5	NA
Sac City	33	4,913	90	31	1	0.10	0.15	0.02	76.7	67.7	0.0
Sheldon	28	6,603	89	18	5	0.10	0.08	0.10	22.5	44.4	60.0
Shenandoah	44	6,924	21	11	1	0.02	0.05	0.02	57.1	54.5	0.0
Sibley	32	5,536	120	23	1	0.14	0.11	0.02	56.7	60.9	0.0
Sigourney	25	3,832	28	1	0	0.03	0.00	0.00	100.0	100.0	NA
Sioux Center	21	11,836	575	19	0	0.65	0.09	0.00	92.9	89.5	NA
Sioux City	828	155,116	7,834	1,890	544	8.85	8.89	11.17	57.6	56.4	50.7
Spencer	99	23,770	911	269	8	1.03	1.27	0.16	52.1	47.6	50.0
Spirit Lake	49	16,463	650	159	15	0.73	0.75	0.31	54.2	50.9	60.0
Storm Lake	54	18,129	243	66	14	0.27	0.31	0.29	78.6	71.2	50.0
Sumner	25	2,855	24	5	3	0.03	0.02	0.06	75.0	80.0	100.0
Vinton	29	5,883	7	4	7	0.01	0.02	0.14	100.0	100.0	71.4

Appendix 19. Activity Summary for Group 13: Diseases of the musculoskeletal system and connective tissue

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	7,844	18	5	4	0.02	0.02	0.08	50.0	40.0	25.0
Waterloo	589	163,875	4,762	1,360	591	5.38	6.40	12.13	77.5	77.9	83.8
Waukon	25	6,221	66	21	7	0.07	0.10	0.14	65.2	66.7	14.3
Waverly	25	14,660	170	55	55	0.19	0.26	1.13	64.1	65.5	52.7
Webster City	40	9,313	97	29	0	0.11	0.14	0.00	58.8	58.6	NA
West Burlington	148	51,075	1,517	381	189	1.71	1.79	3.88	73.2	74.3	75.7
West Union	25	8,619	70	20	0	0.08	0.09	0.00	84.3	75.0	NA
Winterset	25	7,198	189	33	0	0.21	0.16	0.00	56.6	60.6	NA
State Totals	11,927		88,534	21,249	4,871	100.00	100.00	100.00	60.5	59.7	64.7

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 20. Activity Summary for Group 14: Congenital anomalies

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Algona	40	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Ames	200	73,484	34	8	29	0.47	0.70	2.55	20.6	37.5	58.6
Anamosa	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Atlantic	71	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Audubon	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Belmond	15	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Bloomfield	25	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Boone	57	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Britt	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Carroll	99	53,163	6	3	3	0.08	0.26	0.26	66.7	66.7	100.0
Cedar Rapids	750	220,655	277	62	43	3.82	5.41	3.78	67.5	58.1	65.1
Centerville	34	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Chariton	25	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Charles City	25	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Cherokee	67	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Clarinda	30	0	0	0	8	0.00	0.00	0.70	NA	NA	100.0
Clarion	25	0	2	1	0	0.03	0.09	0.00	0.0	0.0	NA
Clinton	163	42,056	19	5	4	0.26	0.44	0.35	94.7	80.0	100.0
Corning	22	0	3	1	0	0.04	0.09	0.00	0.0	0.0	NA
Corydon	28	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Council Bluffs	496	3,705	52	12	14	0.72	1.05	1.23	11.5	8.3	64.3
Cresco	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Creston	80	38,510	14	2	0	0.19	0.17	0.00	100.0	100.0	NA
Davenport	632	179,577	238	62	15	3.28	5.41	1.32	48.3	59.7	13.3
Decorah	75	0	1	1	14	0.01	0.09	1.23	0.0	0.0	85.7
Denison	72	55,750	5	1	2	0.07	0.09	0.18	100.0	100.0	100.0
Des Moines	2,414	558,687	2,167	326	54	29.91	28.47	4.75	51.8	59.8	81.5
Dewitt	13	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Dubuque	508	109,237	67	17	13	0.92	1.48	1.14	82.1	82.4	61.5
Elkader	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Emmetsburg	32	14,659	4	1	0	0.06	0.09	0.00	100.0	100.0	NA

Appendix 20. Activity Summary for Group 14: Congenital anomalies

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	0	0	0	2	0.00	0.00	0.18	NA	NA	0.0
Fairfield	67	0	2	1	3	0.03	0.09	0.26	0.0	0.0	100.0
Fort Dodge	163	67,405	14	6	3	0.19	0.52	0.26	85.7	83.3	100.0
Fort Madison	50	0	0	0	4	0.00	0.00	0.35	NA	NA	25.0
Greenfield	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Grinnell	81	66,638	14	3	0	0.19	0.26	0.00	71.4	66.7	NA
Grundy Center	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Guthrie Center	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Guttenberg	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Hamburg	25	0	0	0	4	0.00	0.00	0.35	NA	NA	75.0
Hampton	25	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Harlan	52	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Hawarden	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Humboldt	21	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Ida Grove	42	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Independence	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Iowa City	1,031	231,310	3,704	472	673	51.12	41.22	59.14	8.9	12.9	15.3
Iowa Falls	30	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Jefferson	25	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Keokuk	97	23,272	8	3	3	0.11	0.26	0.26	75.0	66.7	66.7
Keosauqua	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Knoxville	59	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Lake City	49	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
LeMars	44	0	0	0	3	0.00	0.00	0.26	NA	NA	66.7
Leon	25	0	0	0	2	0.00	0.00	0.18	NA	NA	100.0
Manchester	15	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Manning	17	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Maquoketa	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Marengo	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Marshalltown	99	0	3	1	2	0.04	0.09	0.18	0.0	0.0	50.0
Mason City	350	122,492	164	45	81	2.26	3.93	7.12	65.2	60.0	75.3
Missouri Valley	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA

Appendix 20. Activity Summary for Group 14: Congenital anomalies

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Mount Pleasant	50	0	0	0	2	0.00	0.00	0.18	NA	NA	50.0
Muscatine	72	0	2	1	2	0.03	0.09	0.18	0.0	0.0	100.0
Nevada	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
New Hampton	25	8,790	6	2	3	0.08	0.17	0.26	50.0	50.0	100.0
Newton	68	0	1	1	0	0.01	0.09	0.00	0.0	0.0	NA
Oelwein	25	0	0	0	2	0.00	0.00	0.18	NA	NA	50.0
Onawa	48	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Orange City	30	0	0	0	3	0.00	0.00	0.26	NA	NA	66.7
Osage	25	0	1	1	1	0.01	0.09	0.09	0.0	0.0	0.0
Osceola	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Oskaloosa	77	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Ottumwa	221	51,942	5	2	6	0.07	0.17	0.53	40.0	50.0	66.7
Pella	47	0	0	0	2	0.00	0.00	0.18	NA	NA	50.0
Perry	25	0	0	0	2	0.00	0.00	0.18	NA	NA	100.0
Pocahontas	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Primghar	14	0	0	0	2	0.00	0.00	0.18	NA	NA	50.0
Red Oak	40	0	0	0	2	0.00	0.00	0.18	NA	NA	100.0
Rock Rapids	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Rock Valley	28	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Sac City	33	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Sheldon	28	11,003	10	1	0	0.14	0.09	0.00	100.0	100.0	NA
Shenandoah	44	0	0	0	2	0.00	0.00	0.18	NA	NA	50.0
Sibley	32	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Sigourney	25	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Sioux Center	21	27,009	30	8	4	0.41	0.70	0.35	100.0	100.0	75.0
Sioux City	828	168,265	149	48	30	2.06	4.19	2.64	70.5	66.7	60.0
Spencer	99	0	3	1	1	0.04	0.09	0.09	0.0	0.0	0.0
Spirit Lake	49	0	0	0	2	0.00	0.00	0.18	NA	NA	100.0
Storm Lake	54	0	0	0	4	0.00	0.00	0.35	NA	NA	100.0
Sumner	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Vinton	29	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0

Appendix 20. Activity Summary for Group 14: Congenital anomalies

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	0	0	0	3	0.00	0.00	0.26	NA	NA	66.7
Waterloo	589	171,500	82	20	45	1.13	1.75	3.95	58.5	75.0	84.4
Waukon	25	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Waverly	25	16,345	5	1	1	0.07	0.09	0.09	100.0	100.0	0.0
Webster City	40	0	1	1	0	0.01	0.09	0.00	0.0	0.0	NA
West Burlington	148	84,114	51	11	25	0.70	0.96	2.20	86.3	90.9	88.0
West Union	25	59,456	102	14	1	1.41	1.22	0.09	100.0	100.0	0.0
Winterset	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
State Totals	11,927		7,246	1,145	1,138	100.00	100.00	100.00	32.4	41.6	37.5

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 21. Activity Summary for Group 15: Certain conditions originating in the perinatal period

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Algona	40	0	2	1	0	0.02	0.09	0.00	0.0	0.0	NA
Ames	200	56,921	46	19	1	0.43	1.66	7.14	65.2	68.4	0.0
Anamosa	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Atlantic	71	43,827	7	2	0	0.07	0.18	0.00	57.1	50.0	NA
Audubon	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Belmond	15	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Bloomfield	25	4,440	8	4	0	0.07	0.35	0.00	62.5	50.0	NA
Boone	57	13,758	4	2	0	0.04	0.18	0.00	50.0	50.0	NA
Britt	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Carroll	99	40,887	6	3	0	0.06	0.26	0.00	100.0	100.0	NA
Cedar Rapids	750	227,172	605	62	2	5.64	5.43	14.29	70.7	79.0	100.0
Centerville	34	0	2	1	0	0.02	0.09	0.00	0.0	0.0	NA
Chariton	25	8,942	8	4	0	0.07	0.35	0.00	100.0	100.0	NA
Charles City	25	0	1	1	0	0.01	0.09	0.00	0.0	0.0	NA
Cherokee	67	11,220	5	3	0	0.05	0.26	0.00	40.0	66.7	NA
Clarinda	30	0	1	1	0	0.01	0.09	0.00	0.0	0.0	NA
Clarion	25	0	3	1	0	0.03	0.09	0.00	0.0	0.0	NA
Clinton	163	40,562	26	14	0	0.24	1.23	0.00	34.6	64.3	NA
Corning	22	0	1	1	0	0.01	0.09	0.00	0.0	0.0	NA
Corydon	28	0	3	2	0	0.03	0.18	0.00	0.0	0.0	NA
Council Bluffs	496	876	29	16	0	0.27	1.40	0.00	0.0	0.0	NA
Cresco	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Creston	80	24,901	7	3	0	0.07	0.26	0.00	57.1	66.7	NA
Davenport	632	201,610	713	74	0	6.64	6.48	0.00	76.6	79.7	NA
Decorah	75	0	1	1	0	0.01	0.09	0.00	0.0	0.0	NA
Denison	72	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Des Moines	2,414	544,713	4,014	270	1	37.41	23.64	7.14	40.3	44.8	0.0
Dewitt	13	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Dubuque	508	117,337	236	31	0	2.20	2.71	0.00	90.3	77.4	NA
Elkader	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Emmetsburg	32	10,007	6	4	0	0.06	0.35	0.00	66.7	75.0	NA

Appendix 21. Activity Summary for Group 15: Certain conditions originating in the perinatal period

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	8,831	4	2	0	0.04	0.18	0.00	100.0	100.0	NA
Fairfield	67	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Fort Dodge	163	70,361	47	26	0	0.44	2.28	0.00	80.9	84.6	NA
Fort Madison	50	14,902	5	3	0	0.05	0.26	0.00	80.0	66.7	NA
Greenfield	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Grinnell	81	14,502	5	3	0	0.05	0.26	0.00	100.0	100.0	NA
Grundy Center	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Guthrie Center	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Guttenberg	25	0	2	1	0	0.02	0.09	0.00	0.0	0.0	NA
Hamburg	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Hampton	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Harlan	52	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Hawarden	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Humboldt	21	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Ida Grove	42	0	1	1	0	0.01	0.09	0.00	0.0	0.0	NA
Independence	25	0	1	1	0	0.01	0.09	0.00	0.0	0.0	NA
Iowa City	1,031	206,227	3,353	212	9	31.25	18.56	64.29	12.4	25.9	33.3
Iowa Falls	30	11,057	6	3	0	0.06	0.26	0.00	66.7	66.7	NA
Jefferson	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Keokuk	97	18,964	7	4	0	0.07	0.35	0.00	57.1	50.0	NA
Keosauqua	25	0	2	1	0	0.02	0.09	0.00	0.0	0.0	NA
Knoxville	59	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Lake City	49	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
LeMars	44	0	1	1	0	0.01	0.09	0.00	0.0	0.0	NA
Leon	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Manchester	15	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Manning	17	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Maquoketa	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Marengo	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Marshalltown	99	39,575	30	10	0	0.28	0.88	0.00	60.0	70.0	NA
Mason City	350	92,739	114	45	0	1.06	3.94	0.00	51.8	66.7	NA
Missouri Valley	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA

Appendix 21. Activity Summary for Group 15: Certain conditions originating in the perinatal period

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Mount Pleasant	50	11,563	6	4	0	0.06	0.35	0.00	100.0	100.0	NA
Muscatine	72	25,830	14	7	0	0.13	0.61	0.00	85.7	85.7	NA
Nevada	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
New Hampton	25	16,026	8	5	0	0.07	0.44	0.00	75.0	80.0	NA
Newton	68	21,422	13	6	0	0.12	0.53	0.00	76.9	66.7	NA
Oelwein	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Onawa	48	8,869	4	4	0	0.04	0.35	0.00	25.0	25.0	NA
Orange City	30	15,617	22	17	0	0.21	1.49	0.00	63.6	64.7	NA
Osage	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Osceola	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Oskaloosa	77	17,029	8	4	0	0.07	0.35	0.00	37.5	50.0	NA
Ottumwa	221	72,472	88	15	0	0.82	1.31	0.00	93.2	86.7	NA
Pella	47	14,413	12	7	0	0.11	0.61	0.00	50.0	42.9	NA
Perry	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Pocahontas	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Primghar	14	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Red Oak	40	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Rock Rapids	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Rock Valley	28	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Sac City	33	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Sheldon	28	0	1	1	0	0.01	0.09	0.00	0.0	0.0	NA
Shenandoah	44	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Sibley	32	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Sigourney	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Sioux Center	21	9,808	6	4	0	0.06	0.35	0.00	66.7	75.0	NA
Sioux City	828	156,399	510	103	0	4.75	9.02	0.00	40.2	60.2	NA
Spencer	99	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Spirit Lake	49	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Storm Lake	54	33,694	12	6	0	0.11	0.53	0.00	100.0	100.0	NA
Sumner	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Vinton	29	0	0	0	0	0.00	0.00	0.00	NA	NA	NA

Appendix 21. Activity Summary for Group 15: Certain conditions originating in the perinatal period

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	0	2	1	0	0.02	0.09	0.00	0.0	0.0	NA
Waterloo	589	211,331	562	77	1	5.24	6.74	7.14	82.6	87.0	0.0
Waukon	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Waverly	25	0	2	2	0	0.02	0.18	0.00	0.0	0.0	NA
Webster City	40	13,022	23	12	0	0.21	1.05	0.00	52.2	58.3	NA
West Burlington	148	57,884	123	31	0	1.15	2.71	0.00	74.0	71.0	NA
West Union	25	0	3	3	0	0.03	0.26	0.00	0.0	0.0	NA
Winterset	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
State Totals	11,927		10,731	1,142	14	100.00	100.00	100.00	40.6	55.4	35.7

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 22. Activity Summary for Group 16: Symptoms, signs, and ill-defined conditions

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,848	81	42	17	0.14	0.19	0.06	75.3	76.2	52.9
Algona	40	9,372	46	27	84	0.08	0.12	0.32	76.1	74.1	85.7
Ames	200	69,070	1,880	733	717	3.36	3.36	2.73	45.9	45.7	48.0
Anamosa	25	7,983	50	25	58	0.09	0.11	0.22	52.0	48.0	58.6
Atlantic	71	14,989	448	161	22	0.80	0.74	0.08	72.3	70.2	54.5
Audubon	25	3,845	112	38	35	0.20	0.17	0.13	96.4	89.5	82.9
Belmond	15	3,136	15	12	16	0.03	0.05	0.06	80.0	83.3	56.3
Bloomfield	25	4,066	40	18	168	0.07	0.08	0.64	75.0	72.2	57.7
Boone	57	20,049	786	255	164	1.41	1.17	0.62	81.2	83.9	81.7
Britt	25	4,698	64	34	14	0.11	0.16	0.05	62.5	61.8	35.7
Carroll	99	14,945	170	78	104	0.30	0.36	0.40	52.9	55.1	62.5
Cedar Rapids	750	207,750	2,507	1,182	1,432	4.48	5.41	5.44	78.3	78.3	74.7
Centerville	34	14,956	385	133	25	0.69	0.61	0.10	86.0	88.0	60.0
Chariton	25	7,384	42	17	63	0.08	0.08	0.24	88.1	82.4	87.3
Charles City	25	12,539	178	73	106	0.32	0.33	0.40	85.4	83.6	66.0
Cherokee	67	9,554	104	53	18	0.19	0.24	0.07	70.2	69.8	61.1
Clarinda	30	9,371	203	82	73	0.36	0.38	0.28	67.5	64.6	67.1
Clarion	25	4,312	99	48	25	0.18	0.22	0.10	47.5	45.8	44.0
Clinton	163	62,425	1,959	667	106	3.50	3.05	0.40	87.9	89.4	78.3
Corning	22	3,785	104	48	99	0.19	0.22	0.38	50.0	50.0	37.4
Corydon	28	3,660	52	27	18	0.09	0.12	0.07	48.1	48.1	33.3
Council Bluffs	496	69,802	1,368	578	174	2.45	2.65	0.66	64.1	64.9	64.9
Cresco	25	6,213	40	18	126	0.07	0.08	0.48	87.5	83.3	79.4
Creston	80	12,821	296	167	233	0.53	0.76	0.89	66.2	69.5	75.5
Davenport	632	163,270	2,132	795	1,578	3.81	3.64	6.00	71.5	69.6	67.7
Decorah	75	18,945	109	51	23	0.19	0.23	0.09	41.3	49.0	56.5
Denison	72	10,546	104	61	55	0.19	0.28	0.21	73.1	67.2	69.1
Des Moines	2,414	470,414	11,207	4,089	3,432	20.04	18.73	13.05	79.5	78.5	69.3
Dewitt	13	7,599	136	53	16	0.24	0.24	0.06	62.5	66.0	56.3
Dubuque	508	120,143	2,399	1,050	1,023	4.29	4.81	3.89	79.1	78.0	76.0
Elkader	25	3,763	45	27	10	0.08	0.12	0.04	73.3	70.4	40.0
Emmetsburg	32	5,141	52	29	41	0.09	0.13	0.16	78.8	69.0	61.0

Appendix 22. Activity Summary for Group 16: Symptoms, signs, and ill-defined conditions

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	9,183	146	70	21	0.26	0.32	0.08	88.4	82.9	81.0
Fairfield	67	12,735	131	59	73	0.23	0.27	0.28	64.9	69.5	58.9
Fort Dodge	163	45,708	1,348	481	386	2.41	2.20	1.47	70.7	71.7	62.2
Fort Madison	50	22,767	623	292	294	1.11	1.34	1.12	76.9	79.5	60.5
Greenfield	25	5,628	184	83	12	0.33	0.38	0.05	78.8	80.7	75.0
Grinnell	81	22,554	526	258	110	0.94	1.18	0.42	75.5	75.6	44.5
Grundy Center	25	3,724	30	11	10	0.05	0.05	0.04	53.3	36.4	60.0
Guthrie Center	25	6,424	113	44	23	0.20	0.20	0.09	77.9	77.3	69.6
Guttenberg	25	4,093	61	35	5	0.11	0.16	0.02	45.9	54.3	80.0
Hamburg	25	1,880	12	8	95	0.02	0.04	0.36	16.7	25.0	46.3
Hampton	25	7,138	61	23	8	0.11	0.11	0.03	85.2	82.6	25.0
Harlan	52	9,653	193	98	79	0.35	0.45	0.30	64.2	64.3	72.2
Hawarden	25	3,011	34	13	36	0.06	0.06	0.14	58.8	69.2	75.0
Humboldt	21	6,574	76	49	86	0.14	0.22	0.33	64.5	63.3	76.7
Ida Grove	42	14,812	436	147	97	0.78	0.67	0.37	93.3	90.5	92.8
Independence	25	11,070	166	105	69	0.30	0.48	0.26	64.5	62.9	65.2
Iowa City	1,031	151,684	5,632	1,740	4,227	10.07	7.97	16.07	27.3	34.1	32.1
Iowa Falls	30	12,277	239	108	94	0.43	0.49	0.36	50.2	58.3	59.6
Jefferson	25	6,694	82	35	21	0.15	0.16	0.08	67.1	62.9	61.9
Keokuk	97	28,356	855	385	159	1.53	1.76	0.60	87.6	87.8	71.1
Keosauqua	25	5,082	198	85	31	0.35	0.39	0.12	54.0	52.9	29.0
Knoxville	59	11,175	187	81	30	0.33	0.37	0.11	75.4	71.6	66.7
Lake City	49	6,280	302	112	76	0.54	0.51	0.29	51.7	54.5	47.4
LeMars	44	11,681	198	93	88	0.35	0.43	0.33	79.8	76.3	84.1
Leon	25	3,802	19	9	25	0.03	0.04	0.10	36.8	33.3	52.0
Manchester	15	11,223	60	34	25	0.11	0.16	0.10	40.0	41.2	32.0
Manning	17	2,758	44	21	46	0.08	0.10	0.17	79.5	71.4	67.4
Maquoketa	25	8,164	65	33	39	0.12	0.15	0.15	67.7	60.6	43.6
Marengo	25	3,497	11	6	6	0.02	0.03	0.02	54.5	50.0	33.3
Marshalltown	99	38,853	459	197	433	0.82	0.90	1.65	74.7	72.1	95.2
Mason City	350	70,314	962	464	898	1.72	2.13	3.41	53.6	58.6	68.4
Missouri Valley	25	4,264	66	39	143	0.12	0.18	0.54	22.7	25.6	32.2

Appendix 22. Activity Summary for Group 16: Symptoms, signs, and ill-defined conditions

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	4,427	60	22	37	0.11	0.10	0.14	93.3	86.4	70.3
Mount Pleasant	50	12,017	166	79	224	0.30	0.36	0.85	64.5	62.0	62.1
Muscatine	72	30,951	469	230	293	0.84	1.05	1.11	81.2	77.0	75.4
Nevada	25	8,558	440	48	20	0.79	0.22	0.08	62.0	68.8	75.0
New Hampton	25	7,056	73	39	25	0.13	0.18	0.10	39.7	48.7	60.0
Newton	68	22,177	336	143	202	0.60	0.65	0.77	77.1	72.7	79.7
Oelwein	25	10,739	48	29	38	0.09	0.13	0.14	58.3	72.4	68.4
Onawa	48	9,989	362	157	80	0.65	0.72	0.30	82.6	78.3	50.0
Orange City	30	17,338	1,481	102	75	2.65	0.47	0.29	14.3	84.3	52.0
Osage	25	6,165	82	49	10	0.15	0.22	0.04	56.1	55.1	40.0
Osceola	25	5,995	58	27	112	0.10	0.12	0.43	65.5	66.7	75.9
Oskaloosa	77	16,604	107	53	265	0.19	0.24	1.01	66.4	77.4	76.6
Ottumwa	221	40,840	836	290	1,125	1.49	1.33	4.28	80.1	81.0	80.2
Pella	47	13,935	193	113	73	0.35	0.52	0.28	52.3	51.3	46.6
Perry	25	9,088	50	18	32	0.09	0.08	0.12	92.0	83.3	75.0
Pocahontas	25	3,087	40	19	57	0.07	0.09	0.22	55.0	52.6	49.1
Primghar	14	1,858	23	12	24	0.04	0.05	0.09	4.3	8.3	41.7
Red Oak	40	13,309	597	188	56	1.07	0.86	0.21	77.1	76.1	67.9
Rock Rapids	25	3,654	142	52	20	0.25	0.24	0.08	69.0	69.2	55.0
Rock Valley	28	3,927	81	25	49	0.14	0.11	0.19	92.6	88.0	75.5
Sac City	33	7,664	174	82	67	0.31	0.38	0.25	73.6	75.6	79.1
Sheldon	28	5,708	41	30	126	0.07	0.14	0.48	68.3	63.3	76.2
Shenandoah	44	8,807	121	74	142	0.22	0.34	0.54	76.0	73.0	60.6
Sibley	32	4,553	59	24	82	0.11	0.11	0.31	72.9	75.0	69.5
Sigourney	25	3,313	21	8	8	0.04	0.04	0.03	33.3	62.5	87.5
Sioux Center	21	7,840	303	78	81	0.54	0.36	0.31	76.9	60.3	61.7
Sioux City	828	147,329	2,969	1,290	1,452	5.31	5.91	5.52	82.7	82.0	76.9
Spencer	99	19,651	337	154	102	0.60	0.71	0.39	70.6	70.1	54.9
Spirit Lake	49	15,689	193	88	78	0.35	0.40	0.30	85.5	83.0	76.9
Storm Lake	54	15,689	106	53	250	0.19	0.24	0.95	54.7	50.9	71.6
Sumner	25	2,855	21	9	49	0.04	0.04	0.19	76.2	66.7	77.6
Vinton	29	7,222	88	56	237	0.16	0.26	0.90	84.1	78.6	67.1

Appendix 22. Activity Summary for Group 16: Symptoms, signs, and ill-defined conditions

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	10,227	192	86	322	0.34	0.39	1.22	62.0	61.6	62.7
Waterloo	589	160,484	2,819	1,334	1,252	5.04	6.11	4.76	83.3	83.5	75.6
Waukon	25	7,162	66	29	92	0.12	0.13	0.35	63.6	62.1	65.2
Waverly	25	13,053	98	65	139	0.18	0.30	0.53	54.1	55.4	56.1
Webster City	40	10,477	309	135	40	0.55	0.62	0.15	70.2	73.3	70.0
West Burlington	148	51,075	1,338	515	1,089	2.39	2.36	4.14	80.7	79.6	78.0
West Union	25	10,302	141	73	30	0.25	0.33	0.11	75.2	78.1	33.3
Winterset	25	6,873	163	67	25	0.29	0.31	0.10	60.7	74.6	60.0
State Totals	11,927		55,935	21,834	26,300	100.00	100.00	100.00	68.8	71.4	64.0

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 23. Activity Summary for Group 17: Injury and poisonings

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Albia	25	5,848	96	30	1	0.07	0.11	0.03	88.5	80.0	0.0
Algona	40	10,089	113	34	7	0.08	0.13	0.18	80.5	76.5	57.1
Ames	200	70,530	2,284	594	299	1.60	2.19	7.58	39.8	40.9	42.8
Anamosa	25	7,555	26	8	2	0.02	0.03	0.05	73.1	75.0	100.0
Atlantic	71	16,298	526	91	2	0.37	0.34	0.05	81.9	78.0	0.0
Audubon	25	3,492	74	18	0	0.05	0.07	0.00	74.3	83.3	NA
Belmond	15	3,136	6	2	0	0.00	0.01	0.00	33.3	50.0	NA
Bloomfield	25	4,990	267	52	11	0.19	0.19	0.28	64.8	65.4	90.9
Boone	57	20,049	822	151	17	0.58	0.56	0.43	75.4	74.2	58.8
Britt	25	2,985	45	14	4	0.03	0.05	0.10	68.9	57.1	75.0
Carroll	99	19,920	857	171	17	0.60	0.63	0.43	63.7	68.4	70.6
Cedar Rapids	750	212,198	8,772	1,789	247	6.16	6.61	6.26	71.0	72.8	76.1
Centerville	34	14,370	480	78	0	0.34	0.29	0.00	81.3	83.3	NA
Chariton	25	7,384	65	24	7	0.05	0.09	0.18	63.1	62.5	100.0
Charles City	25	13,477	412	67	14	0.29	0.25	0.35	76.0	79.1	57.1
Cherokee	67	9,554	125	51	1	0.09	0.19	0.03	69.6	62.7	0.0
Clarinda	30	9,014	120	33	11	0.08	0.12	0.28	76.7	72.7	81.8
Clarion	25	3,907	34	12	0	0.02	0.04	0.00	26.5	25.0	NA
Clinton	163	66,246	6,954	399	59	4.88	1.47	1.50	97.0	90.5	88.1
Corning	22	3,954	133	33	3	0.09	0.12	0.08	30.1	33.3	0.0
Corydon	28	4,747	109	28	0	0.08	0.10	0.00	56.0	57.1	NA
Council Bluffs	496	69,802	4,003	892	176	2.81	3.29	4.46	41.7	44.8	58.5
Cresco	25	4,912	15	6	4	0.01	0.02	0.10	73.3	66.7	50.0
Creston	80	15,016	445	113	15	0.31	0.42	0.38	83.8	80.5	80.0
Davenport	632	164,121	7,507	1,406	133	5.27	5.19	3.37	65.6	65.8	56.4
Decorah	75	20,604	222	53	33	0.16	0.20	0.84	77.9	75.5	69.7
Denison	72	9,033	46	14	8	0.03	0.05	0.20	50.0	64.3	50.0
Des Moines	2,414	483,020	30,413	5,766	500	21.36	21.30	12.68	64.4	69.5	79.8
Dewitt	13	7,599	204	27	3	0.14	0.10	0.08	64.7	77.8	0.0
Dubuque	508	121,526	5,674	1,277	233	3.99	4.72	5.91	72.1	68.4	74.2
Elkader	25	2,480	17	5	0	0.01	0.02	0.00	52.9	60.0	NA
Emmetsburg	32	4,992	66	25	43	0.05	0.09	1.09	84.8	76.0	55.8

Appendix 23. Activity Summary for Group 17: Injury and poisonings

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Estherville	58	8,922	356	114	5	0.25	0.42	0.13	81.5	80.7	60.0
Fairfield	67	17,625	698	127	29	0.49	0.47	0.74	86.1	85.0	69.0
Fort Dodge	163	57,639	2,702	584	160	1.90	2.16	4.06	70.9	72.3	76.3
Fort Madison	50	22,767	810	232	71	0.57	0.86	1.80	75.1	72.8	70.4
Greenfield	25	3,908	51	18	0	0.04	0.07	0.00	82.4	66.7	NA
Grinnell	81	18,665	722	196	13	0.51	0.72	0.33	63.7	62.8	76.9
Grundy Center	25	9,740	658	36	1	0.46	0.13	0.03	62.9	80.6	0.0
Guthrie Center	25	8,437	236	24	0	0.17	0.09	0.00	72.0	75.0	NA
Guttenberg	25	2,721	49	19	1	0.03	0.07	0.03	49.0	47.4	0.0
Hamburg	25	1,880	27	7	4	0.02	0.03	0.10	37.0	28.6	25.0
Hampton	25	7,006	122	9	0	0.09	0.03	0.00	77.9	66.7	NA
Harlan	52	10,100	291	92	20	0.20	0.34	0.51	70.4	67.4	95.0
Hawarden	25	3,011	53	11	0	0.04	0.04	0.00	96.2	90.9	NA
Humboldt	21	6,258	43	14	17	0.03	0.05	0.43	90.7	92.9	58.8
Ida Grove	42	12,375	292	55	4	0.21	0.20	0.10	96.2	94.5	75.0
Independence	25	7,688	167	25	1	0.12	0.09	0.03	66.5	68.0	0.0
Iowa City	1,031	170,965	24,460	3,323	240	17.18	12.27	6.09	21.9	28.2	38.3
Iowa Falls	30	8,698	147	48	3	0.10	0.18	0.08	55.1	52.1	66.7
Jefferson	25	5,347	67	19	7	0.05	0.07	0.18	70.1	57.9	42.9
Keokuk	97	20,778	471	159	4	0.33	0.59	0.10	63.5	61.0	100.0
Keosauqua	25	2,062	76	24	1	0.05	0.09	0.03	32.9	29.2	0.0
Knoxville	59	11,175	148	40	14	0.10	0.15	0.35	77.7	77.5	64.3
Lake City	49	4,074	234	48	3	0.16	0.18	0.08	53.8	47.9	33.3
LeMars	44	11,280	172	58	13	0.12	0.21	0.33	84.9	79.3	92.3
Leon	25	4,856	51	16	3	0.04	0.06	0.08	41.2	43.8	100.0
Manchester	15	10,294	123	35	3	0.09	0.13	0.08	31.7	40.0	100.0
Manning	17	4,201	121	29	1	0.08	0.11	0.03	60.3	65.5	0.0
Maquoketa	25	7,736	74	15	0	0.05	0.06	0.00	81.1	73.3	NA
Marengo	25	0	4	2	0	0.00	0.01	0.00	0.0	0.0	NA
Marshalltown	99	42,503	1,627	386	52	1.14	1.43	1.32	69.7	71.0	61.5
Mason City	350	79,517	3,901	980	70	2.74	3.62	1.77	52.2	53.3	64.3
Missouri Valley	25	4,264	137	41	4	0.10	0.15	0.10	27.0	36.6	25.0

Appendix 23. Activity Summary for Group 17: Injury and poisonings

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Mount Ayr	40	3,820	94	27	4	0.07	0.10	0.10	71.3	63.0	25.0
Mount Pleasant	50	14,012	324	95	45	0.23	0.35	1.14	50.3	49.5	53.3
Muscatine	72	30,553	993	206	40	0.70	0.76	1.01	81.7	75.2	90.0
Nevada	25	6,934	166	16	14	0.12	0.06	0.35	44.0	68.8	50.0
New Hampton	25	7,581	125	33	3	0.09	0.12	0.08	48.0	48.5	66.7
Newton	68	22,177	526	131	40	0.37	0.48	1.01	85.0	80.9	72.5
Oelwein	25	10,739	120	22	12	0.08	0.08	0.30	60.8	90.9	91.7
Onawa	48	10,206	504	122	4	0.35	0.45	0.10	59.7	59.0	0.0
Orange City	30	10,403	501	69	30	0.35	0.25	0.76	74.9	69.6	60.0
Osage	25	4,767	43	16	1	0.03	0.06	0.03	32.6	50.0	0.0
Osceola	25	5,368	14	6	4	0.01	0.02	0.10	92.9	83.3	75.0
Oskaloosa	77	16,079	132	42	21	0.09	0.16	0.53	75.8	71.4	66.7
Ottumwa	221	46,522	1,541	353	150	1.08	1.30	3.80	67.8	66.3	58.7
Pella	47	13,935	309	98	20	0.22	0.36	0.51	45.3	49.0	45.0
Perry	25	11,092	269	28	7	0.19	0.10	0.18	92.9	89.3	100.0
Pocahontas	25	3,265	111	20	20	0.08	0.07	0.51	41.4	55.0	35.0
Primghar	14	1,858	28	7	2	0.02	0.03	0.05	35.7	28.6	50.0
Red Oak	40	12,380	666	99	1	0.47	0.37	0.03	85.6	79.8	0.0
Rock Rapids	25	3,049	24	8	1	0.02	0.03	0.03	54.2	50.0	0.0
Rock Valley	28	3,589	29	9	0	0.02	0.03	0.00	82.8	88.9	NA
Sac City	33	4,913	137	41	9	0.10	0.15	0.23	54.7	68.3	44.4
Sheldon	28	8,496	259	41	13	0.18	0.15	0.33	86.5	73.2	61.5
Shenandoah	44	8,367	116	34	9	0.08	0.13	0.23	76.7	70.6	55.6
Sibley	32	3,589	70	17	1	0.05	0.06	0.03	51.4	64.7	0.0
Sigourney	25	0	0	0	1	0.00	0.00	0.03	NA	NA	0.0
Sioux Center	21	10,735	366	25	2	0.26	0.09	0.05	95.1	88.0	100.0
Sioux City	828	154,752	12,254	2,268	67	8.61	8.38	1.70	61.0	64.1	65.7
Spencer	99	21,838	817	228	61	0.57	0.84	1.55	54.1	56.1	55.7
Spirit Lake	49	16,220	702	171	15	0.49	0.63	0.38	51.1	53.2	46.7
Storm Lake	54	18,567	372	115	48	0.26	0.42	1.22	74.7	73.0	70.8
Sumner	25	2,855	52	16	4	0.04	0.06	0.10	65.4	75.0	100.0
Vinton	29	5,883	50	22	7	0.04	0.08	0.18	80.0	90.9	71.4

Appendix 23. Activity Summary for Group 17: Injury and poisonings

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Washington	25	7,844	50	22	2	0.04	0.08	0.05	56.0	63.6	50.0
Waterloo	589	158,021	6,894	1,771	502	4.84	6.54	12.73	72.7	72.8	76.9
Waukon	25	7,335	180	32	3	0.13	0.12	0.08	33.9	43.8	66.7
Waverly	25	13,053	234	80	19	0.16	0.30	0.48	59.8	58.8	52.6
Webster City	40	10,054	293	88	5	0.21	0.33	0.13	75.1	72.7	60.0
West Burlington	148	51,075	2,367	557	151	1.66	2.06	3.83	66.1	67.9	70.2
West Union	25	8,619	72	24	7	0.05	0.09	0.18	44.4	41.7	57.1
Winterset	25	7,198	536	64	5	0.38	0.24	0.13	68.3	75.0	20.0
State Totals	11,927		142,362	27,072	3,944	100.00	100.00	100.00	59.3	62.2	66.2

* Service territory populations were estimated using inpatient days-based gravity regions for this diagnostic group.
The state total population for Iowa is based on the 2000 Census.

Appendix 24. Activity Summaries for North-central Iowa Hospital Centers

Region Name	Beds	Service Territory* Population	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
			Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Group 1: Infectious and Parasitic Diseases											
Algona	40	11,091	58	21	0	0.16	0.30	0.00	100.0	100.0	NA
Belmond	15	3,136	10	4	0	0.03	0.06	0.00	40.0	50.0	NA
Britt	25	4,001	31	8	0	0.08	0.11	0.00	35.5	25.0	NA
Charles City	25	12,539	81	23	0	0.22	0.33	0.00	87.7	82.6	NA
Clarion	25	3,907	22	7	1	0.06	0.10	0.26	45.5	42.9	0.0
Cresco	25	6,213	27	6	0	0.07	0.09	0.00	51.9	50.0	NA
Emmetsburg	32	7,254	73	29	0	0.20	0.42	0.00	87.7	89.7	NA
Hampton	25	7,316	91	7	3	0.25	0.10	0.79	100.0	100.0	66.7
Iowa Falls	30	13,747	180	47	1	0.49	0.67	0.26	73.3	78.7	0.0
Mason City	350	75,723	1,145	260	3	3.11	3.72	0.79	65.2	64.2	66.7
New Hampton	25	7,056	33	10	0	0.09	0.14	0.00	33.3	40.0	NA
Osage	25	5,331	36	16	0	0.10	0.23	0.00	55.6	50.0	NA
Group 2: Neoplasms											
Algona	40	12,785	166	29	124	0.16	0.18	0.49	84.3	82.8	84.7
Belmond	15	0	0	0	29	0.00	0.00	0.11	NA	NA	62.1
Britt	25	2,758	26	7	97	0.03	0.04	0.38	76.9	71.4	55.7
Charles City	25	12,326	117	23	89	0.11	0.14	0.35	72.6	69.6	74.2
Clarion	25	3,907	46	12	49	0.04	0.07	0.19	28.3	41.7	42.9
Cresco	25	5,165	23	5	56	0.02	0.03	0.22	73.9	60.0	57.1
Emmetsburg	32	5,141	80	21	110	0.08	0.13	0.43	75.0	71.4	68.2
Hampton	25	5,388	25	13	34	0.02	0.08	0.13	48.0	53.8	55.9
Iowa Falls	30	8,698	86	19	16	0.08	0.12	0.06	52.3	68.4	56.3
Mason City	350	82,426	2,487	566	993	2.41	3.43	3.89	50.7	51.4	68.8
New Hampton	25	5,771	22	4	74	0.02	0.02	0.29	81.8	75.0	56.8
Osage	25	4,767	25	8	134	0.02	0.05	0.52	40.0	37.5	64.9

Appendix 24. Activity Summaries for North-central Iowa Hospital Centers

Region Name	Beds	Service Territory* Population	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
			Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Group 3: Endocrine, nutritional, and metabolic diseases											
Algona	40	12,785	103	30	0	0.21	0.26	0.00	71.8	76.7	NA
Belmond	15	3,136	9	3	0	0.02	0.03	0.00	44.4	33.3	NA
Britt	25	4,422	33	12	0	0.07	0.10	0.00	66.7	58.3	NA
Charles City	25	12,539	189	59	0	0.38	0.51	0.00	73.0	78.0	NA
Clarion	25	3,907	42	14	0	0.08	0.12	0.00	54.8	57.1	NA
Cresco	25	5,165	20	11	2	0.04	0.10	0.35	25.0	36.4	50.0
Emmetsburg	32	5,141	44	22	0	0.09	0.19	0.00	52.3	54.5	NA
Hampton	25	7,316	66	17	0	0.13	0.15	0.00	77.3	58.8	NA
Iowa Falls	30	10,750	109	38	0	0.22	0.33	0.00	65.1	71.1	NA
Mason City	350	70,885	954	315	7	1.91	2.72	1.23	55.8	62.2	57.1
New Hampton	25	8,403	96	25	0	0.19	0.22	0.00	64.6	72.0	NA
Osage	25	6,165	89	30	0	0.18	0.26	0.00	61.8	63.3	NA
Group 4: Diseases of the blood and blood-forming organs											
Algona	40	11,091	18	9	15	0.14	0.32	0.99	77.8	77.8	93.3
Belmond	15	0	2	2	0	0.02	0.07	0.00	0.0	0.0	NA
Britt	25	4,422	9	4	0	0.07	0.14	0.00	55.6	75.0	NA
Charles City	25	12,326	15	5	14	0.12	0.18	0.92	86.7	80.0	71.4
Clarion	25	6,099	33	10	1	0.27	0.35	0.07	27.3	40.0	0.0
Cresco	25	6,213	7	4	6	0.06	0.14	0.40	100.0	100.0	66.7
Emmetsburg	32	7,470	21	10	1	0.17	0.35	0.07	47.6	60.0	0.0
Hampton	25	7,316	18	5	0	0.14	0.18	0.00	83.3	80.0	NA
Iowa Falls	30	10,750	20	8	6	0.16	0.28	0.40	60.0	50.0	83.3
Mason City	350	66,559	143	62	63	1.15	2.18	4.16	43.4	54.8	74.6
New Hampton	25	4,817	4	2	1	0.03	0.07	0.07	25.0	50.0	0.0
Osage	25	9,316	34	10	5	0.27	0.35	0.33	100.0	100.0	80.0

Appendix 24. Activity Summaries for North-central Iowa Hospital Centers

Region Name	Beds	Service Territory* Population	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
			Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Group 5: Mental disorders											
Algona	40	10,089	9	7	0	0.08	0.28	0.00	44.4	42.9	NA
Belmond	15	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Britt	25	4,422	4	2	0	0.04	0.08	0.00	100.0	100.0	NA
Charles City	25	0	2	2	1	0.02	0.08	0.10	0.0	0.0	0.0
Clarion	25	0	3	1	0	0.03	0.04	0.00	0.0	0.0	NA
Cresco	25	6,572	8	4	0	0.07	0.16	0.00	100.0	100.0	NA
Emmetsburg	32	5,862	12	7	0	0.11	0.28	0.00	83.3	85.7	NA
Hampton	25	7,138	6	1	0	0.05	0.04	0.00	0.0	0.0	NA
Iowa Falls	30	16,782	29	9	0	0.26	0.36	0.00	96.6	88.9	NA
Mason City	350	62,326	71	30	2	0.64	1.19	0.19	53.5	46.7	100.0
New Hampton	25	0	2	1	1	0.02	0.04	0.10	0.0	0.0	0.0
Osage	25	9,849	23	8	0	0.21	0.32	0.00	39.1	50.0	NA
Group 6: Diseases of the nervous system and sense organs											
Algona	40	15,586	63	4	113	0.25	0.09	0.24	6.3	50.0	77.0
Belmond	15	0	2	1	57	0.01	0.02	0.12	0.0	0.0	78.9
Britt	25	3,708	8	2	83	0.03	0.05	0.17	50.0	50.0	51.8
Charles City	25	12,539	22	7	134	0.09	0.16	0.28	100.0	100.0	73.1
Clarion	25	3,907	8	4	47	0.03	0.09	0.10	25.0	25.0	63.8
Cresco	25	0	2	1	52	0.01	0.02	0.11	0.0	0.0	55.8
Emmetsburg	32	5,141	14	6	153	0.06	0.14	0.32	57.1	66.7	49.0
Hampton	25	0	2	2	73	0.01	0.05	0.15	0.0	0.0	57.5
Iowa Falls	30	12,455	54	16	259	0.22	0.37	0.54	81.5	75.0	68.3
Mason City	350	69,644	225	84	1,728	0.90	1.97	3.62	55.6	57.1	71.4
New Hampton	25	7,056	11	4	87	0.04	0.09	0.18	45.5	50.0	50.6
Osage	25	5,950	18	10	110	0.07	0.23	0.23	22.2	20.0	70.9

Appendix 24. Activity Summaries for North-central Iowa Hospital Centers

Region Name	Beds	Service Territory* Population	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
			Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Group 7: Diseases of the circulatory system											
Algona	40	11,091	357	106	44	0.13	0.17	0.25	90.5	87.7	86.4
Belmond	15	3,136	96	36	6	0.04	0.06	0.03	60.4	63.9	66.7
Britt	25	4,422	297	94	4	0.11	0.15	0.02	40.1	41.5	75.0
Charles City	25	12,539	786	213	4	0.29	0.35	0.02	80.9	77.0	25.0
Clarion	25	3,907	81	32	25	0.03	0.05	0.14	42.0	37.5	44.0
Cresco	25	6,213	132	49	69	0.05	0.08	0.39	69.7	71.4	68.1
Emmetsburg	32	5,692	359	130	9	0.13	0.21	0.05	62.1	62.3	44.4
Hampton	25	6,828	311	75	14	0.11	0.12	0.08	60.5	60.0	57.1
Iowa Falls	30	9,005	508	160	6	0.19	0.26	0.03	56.1	53.1	50.0
Mason City	350	77,494	10,467	2,435	1,538	3.85	3.97	8.70	52.3	56.3	65.8
New Hampton	25	7,056	338	111	15	0.12	0.18	0.08	72.5	70.3	66.7
Osage	25	5,331	391	161	3	0.14	0.26	0.02	73.1	70.8	33.3
Group 8: Diseases of the respiratory system											
Algona	40	11,091	416	104	22	0.23	0.29	0.18	80.8	80.8	59.1
Belmond	15	3,136	75	26	0	0.04	0.07	0.00	78.7	76.9	NA
Britt	25	4,422	248	68	12	0.14	0.19	0.10	54.4	52.9	50.0
Charles City	25	12,693	773	206	24	0.42	0.57	0.20	89.8	85.4	79.2
Clarion	25	6,099	658	98	15	0.36	0.27	0.12	79.6	55.1	80.0
Cresco	25	6,572	198	58	23	0.11	0.16	0.19	57.6	58.6	69.6
Emmetsburg	32	5,692	359	138	2	0.20	0.38	0.02	54.0	59.4	100.0
Hampton	25	7,138	217	52	8	0.12	0.14	0.07	54.8	57.7	50.0
Iowa Falls	30	13,432	780	201	26	0.43	0.56	0.21	50.4	50.2	50.0
Mason City	350	69,233	3,172	793	500	1.74	2.19	4.13	63.2	66.0	70.4
New Hampton	25	8,772	491	124	24	0.27	0.34	0.20	66.0	62.1	50.0
Osage	25	5,950	261	74	20	0.14	0.20	0.17	75.5	78.4	70.0

Appendix 24. Activity Summaries for North-central Iowa Hospital Centers

Region Name	Beds	Service Territory* Population	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
			Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Group 9: Diseases of the digestive system											
Algona	40	13,922	448	117	232	0.30	0.36	0.41	87.1	84.6	78.4
Belmond	15	3,136	51	21	87	0.03	0.06	0.15	68.6	66.7	75.9
Britt	25	4,422	178	54	115	0.12	0.16	0.20	56.2	48.1	47.0
Charles City	25	12,539	633	178	120	0.42	0.54	0.21	86.7	83.7	60.0
Clarion	25	3,907	214	68	181	0.14	0.21	0.32	46.3	47.1	39.8
Cresco	25	6,572	161	50	77	0.11	0.15	0.14	57.8	56.0	59.7
Emmetsburg	32	5,692	222	83	207	0.15	0.25	0.37	46.8	49.4	73.9
Hampton	25	7,316	164	39	170	0.11	0.12	0.30	64.0	61.5	58.2
Iowa Falls	30	10,750	315	98	172	0.21	0.30	0.30	59.4	57.1	55.8
Mason City	350	70,753	3,274	843	1,653	2.18	2.56	2.92	59.9	61.7	66.8
New Hampton	25	8,772	386	114	163	0.26	0.35	0.29	72.8	70.2	54.0
Osage	25	5,950	228	81	116	0.15	0.25	0.20	68.0	59.3	56.9
Group 10: Diseases of the genitourinary system											
Algona	40	10,089	61	25	63	0.10	0.15	0.58	85.2	84.0	85.7
Belmond	15	3,136	7	3	15	0.01	0.02	0.14	71.4	66.7	60.0
Britt	25	4,422	47	20	9	0.08	0.12	0.08	23.4	30.0	33.3
Charles City	25	12,539	194	71	36	0.33	0.41	0.33	71.1	66.2	80.6
Clarion	25	3,907	56	22	48	0.10	0.13	0.44	25.0	27.3	50.0
Cresco	25	6,572	49	13	33	0.08	0.08	0.30	73.5	69.2	66.7
Emmetsburg	32	7,808	147	53	39	0.25	0.31	0.36	76.9	69.8	53.8
Hampton	25	7,138	59	12	3	0.10	0.07	0.03	81.4	66.7	66.7
Iowa Falls	30	12,277	208	72	13	0.35	0.42	0.12	36.1	45.8	53.8
Mason City	350	71,140	1,329	508	356	2.26	2.95	3.25	53.6	53.7	53.1
New Hampton	25	8,403	119	35	12	0.20	0.20	0.11	77.3	74.3	50.0
Osage	25	5,331	59	21	6	0.10	0.12	0.05	59.3	61.9	66.7

Appendix 24. Activity Summaries for North-central Iowa Hospital Centers

Region Name	Beds	Service Territory* Population	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
			Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Group 11: Complications of pregnancy, childbirth, and the puerperium											
Algona	40	13,746	211	93	4	0.21	0.23	0.48	79.6	77.4	100.0
Belmond	15	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Britt	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Charles City	25	11,909	170	69	1	0.17	0.17	0.12	65.9	65.2	0.0
Clarion	25	6,619	169	77	2	0.17	0.19	0.24	47.3	44.2	50.0
Cresco	25	6,572	148	65	5	0.15	0.16	0.60	47.3	44.6	60.0
Emmetsburg	32	7,640	218	81	3	0.22	0.20	0.36	69.3	70.4	66.7
Hampton	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Iowa Falls	30	11,638	264	126	8	0.26	0.32	0.97	64.8	60.3	62.5
Mason City	350	87,638	2,725	1,129	34	2.70	2.83	4.11	76.3	76.9	61.8
New Hampton	25	7,056	135	51	1	0.13	0.13	0.12	44.4	47.1	0.0
Osage	25	5,853	147	61	5	0.15	0.15	0.60	60.5	59.0	80.0
Group 12: Diseases of the skin and subcutaneous tissue											
Algona	40	10,837	36	10	0	0.12	0.19	0.00	77.8	80.0	NA
Belmond	15	3,136	10	3	0	0.03	0.06	0.00	30.0	33.3	NA
Britt	25	5,625	32	8	0	0.10	0.15	0.00	81.3	75.0	NA
Charles City	25	15,515	173	34	2	0.56	0.65	1.42	59.0	64.7	100.0
Clarion	25	3,907	22	6	0	0.07	0.11	0.00	68.2	66.7	NA
Cresco	25	6,213	23	6	0	0.07	0.11	0.00	60.9	66.7	NA
Emmetsburg	32	5,141	28	8	0	0.09	0.15	0.00	39.3	50.0	NA
Hampton	25	7,316	60	5	0	0.19	0.09	0.00	100.0	100.0	NA
Iowa Falls	30	12,793	147	18	0	0.47	0.34	0.00	46.3	66.7	NA
Mason City	350	69,103	473	104	1	1.52	1.97	0.71	76.1	73.1	0.0
New Hampton	25	9,129	100	9	0	0.32	0.17	0.00	91.0	55.6	NA
Osage	25	5,331	24	7	0	0.08	0.13	0.00	45.8	57.1	NA

Appendix 24. Activity Summaries for North-central Iowa Hospital Centers

Region Name	Beds	Service Territory* Population	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
			Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Group 13: Diseases of the musculoskeletal system and connective tissue											
Algona	40	9,586	66	15	1	0.07	0.07	0.02	84.8	80.0	0.0
Belmond	15	0	3	1	0	0.00	0.00	0.00	0.0	0.0	NA
Britt	25	3,472	59	13	0	0.07	0.06	0.00	1.7	7.7	NA
Charles City	25	14,096	319	64	3	0.36	0.30	0.06	79.0	68.8	33.3
Clarion	25	3,907	25	8	0	0.03	0.04	0.00	36.0	37.5	NA
Cresco	25	4,912	18	4	1	0.02	0.02	0.02	22.2	50.0	0.0
Emmetsburg	32	4,510	29	12	3	0.03	0.06	0.06	34.5	41.7	66.7
Hampton	25	0	2	2	0	0.00	0.01	0.00	0.0	0.0	NA
Iowa Falls	30	8,698	85	24	1	0.10	0.11	0.02	61.2	62.5	0.0
Mason City	350	84,557	3,417	1,081	448	3.86	5.09	9.20	45.5	46.4	68.1
New Hampton	25	5,321	41	15	0	0.05	0.07	0.00	43.9	40.0	NA
Osage	25	4,767	45	17	0	0.05	0.08	0.00	82.2	82.4	NA
Group 14: Congenital anomalies											
Algona	40	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Belmond	15	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Britt	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Charles City	25	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Clarion	25	0	2	1	0	0.03	0.09	0.00	0.0	0.0	NA
Cresco	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Emmetsburg	32	14,659	4	1	0	0.06	0.09	0.00	100.0	100.0	NA
Hampton	25	0	0	0	1	0.00	0.00	0.09	NA	NA	0.0
Iowa Falls	30	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Mason City	350	122,492	164	45	81	2.26	3.93	7.12	65.2	60.0	75.3
New Hampton	25	8,790	6	2	3	0.08	0.17	0.26	50.0	50.0	100.0
Osage	25	0	1	1	1	0.01	0.09	0.09	0.0	0.0	0.0

Appendix 24. Activity Summaries for North-central Iowa Hospital Centers

Region Name	Beds	Service Territory* Population	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
			Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Group 15: Certain conditions originating in the perinatal period											
Algona	40	0	2	1	0	0.02	0.09	0.00	0.0	0.0	NA
Belmond	15	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Britt	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Charles City	25	0	1	1	0	0.01	0.09	0.00	0.0	0.0	NA
Clarion	25	0	3	1	0	0.03	0.09	0.00	0.0	0.0	NA
Cresco	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Emmetsburg	32	10,007	6	4	0	0.06	0.35	0.00	66.7	75.0	NA
Hampton	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Iowa Falls	30	11,057	6	3	0	0.06	0.26	0.00	66.7	66.7	NA
Mason City	350	92,739	114	45	0	1.06	3.94	0.00	51.8	66.7	NA
New Hampton	25	16,026	8	5	0	0.07	0.44	0.00	75.0	80.0	NA
Osage	25	0	0	0	0	0.00	0.00	0.00	NA	NA	NA
Group 16: Symptoms, signs, and ill-defined conditions											
Algona	40	9,372	46	27	84	0.08	0.12	0.32	76.1	74.1	85.7
Belmond	15	3,136	15	12	16	0.03	0.05	0.06	80.0	83.3	56.3
Britt	25	4,698	64	34	14	0.11	0.16	0.05	62.5	61.8	35.7
Charles City	25	12,539	178	73	106	0.32	0.33	0.40	85.4	83.6	66.0
Clarion	25	4,312	99	48	25	0.18	0.22	0.10	47.5	45.8	44.0
Cresco	25	6,213	40	18	126	0.07	0.08	0.48	87.5	83.3	79.4
Emmetsburg	32	5,141	52	29	41	0.09	0.13	0.16	78.8	69.0	61.0
Hampton	25	7,138	61	23	8	0.11	0.11	0.03	85.2	82.6	25.0
Iowa Falls	30	12,277	239	108	94	0.43	0.49	0.36	50.2	58.3	59.6
Mason City	350	70,314	962	464	898	1.72	2.13	3.41	53.6	58.6	68.4
New Hampton	25	7,056	73	39	25	0.13	0.18	0.10	39.7	48.7	60.0
Osage	25	6,165	82	49	10	0.15	0.22	0.04	56.1	55.1	40.0

Appendix 24. Activity Summaries for North-central Iowa Hospital Centers

		Service	Total Activity			Percent Share of Iowa Total			Percentage from Within Region		
Region Name	Beds	Territory* Population	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits	Inpatient Days	Inpatient Visits	Outpatient Visits
Group 17: Injury and poisonings											
Algona	40	10,089	113	34	7	0.08	0.13	0.18	80.5	76.5	57.1
Belmond	15	3,136	6	2	0	0.00	0.01	0.00	33.3	50.0	NA
Britt	25	2,985	45	14	4	0.03	0.05	0.10	68.9	57.1	75.0
Charles City	25	13,477	412	67	14	0.29	0.25	0.35	76.0	79.1	57.1
Clarion	25	3,907	34	12	0	0.02	0.04	0.00	26.5	25.0	NA
Cresco	25	4,912	15	6	4	0.01	0.02	0.10	73.3	66.7	50.0
Emmetsburg	32	4,992	66	25	43	0.05	0.09	1.09	84.8	76.0	55.8
Hampton	25	7,006	122	9	0	0.09	0.03	0.00	77.9	66.7	NA
Iowa Falls	30	8,698	147	48	3	0.10	0.18	0.08	55.1	52.1	66.7
Mason City	350	79,517	3,901	980	70	2.74	3.62	1.77	52.2	53.3	64.3
New Hampton	25	7,581	125	33	3	0.09	0.12	0.08	48.0	48.5	66.7
Osage	25	4,767	43	16	1	0.03	0.06	0.03	32.6	50.0	0.0
Total North-central Activity											
Algona	40	11,296	2,173	632	709	0.16	0.20	0.34	81.6	81.5	80.8
Belmond	15	3,523	286	114	210	0.02	0.04	0.10	63.6	64.9	71.9
Britt	25	5,625	1,081	340	338	0.08	0.11	0.16	48.9	47.9	50.6
Charles City	25	11,909	4,065	1,095	549	0.30	0.35	0.26	80.6	77.9	68.5
Clarion	25	4,674	1,517	421	394	0.11	0.14	0.19	58.5	45.4	46.2
Cresco	25	6,572	871	300	454	0.07	0.10	0.21	59.7	59.3	66.5
Emmetsburg	32	5,692	1,734	659	611	0.13	0.21	0.29	62.6	63.6	62.7
Hampton	25	7,316	1,204	262	314	0.09	0.08	0.15	69.4	63.0	56.7
Iowa Falls	30	8,761	3,177	995	605	0.24	0.32	0.29	55.6	57.2	61.7
Mason City	350	70,996	35,023	9,744	8,375	2.62	3.15	3.96	56.1	58.9	67.7
New Hampton	25	8,662	1,990	584	409	0.15	0.19	0.19	65.6	62.3	54.3
Osage	25	6,165	1,506	570	411	0.11	0.18	0.19	66.5	64.6	63.7
Nth-cnt. Tot.	642	151,191	54,627	15,716	13,379	4.08	5.07	6.33	66.1	68.7	65.4
State Totals	11,927	2,926,324	1,337,821	309,811	211,377						