

**\*\*\*\*\* TECHNICAL APPENDIX \*\*\*\*\***

## **Introduction to Technical Appendix**

The data for this report were collected from several sources. Data on availability of physicians, dentists, skilled nursing beds, and optometrists were obtained from the Area Resource File which is published by the Bureau of Health Professions, Health Resources and Services Administration (HSRA, 2002). Data on the availability of home health services were obtained from Centers for Medicare and Medicaid Services provider files. Data on availability of other services were obtained from American Hospital Association surveys of hospitals (AHA 1994, and AHA 2000). Financial data on the revenues, expenses, wages and profitability of hospitals and nursing homes was largely derived from Medicare cost reports that are annually filed by hospitals (CMS 1990-1999) and nursing homes (CMS 1997-1999). Hospital closure data was obtained from AHA survey data and was confirmed by calling providers in the regions of closed facilities. Data on income per capita, county population changes, and employment was obtained from the CA1-3 and CA34 files maintained by the Bureau of Economic Analysis.

In Section A we present five tables with data on availability of health care providers by county; in B we present availability of services by county. Section C has information on the at-risk hospitals, a comparison of the characteristics on financially successful and financially strained hospitals, a list of hospital closures through 1996, and three graphs showing what happens to income, employment and population when a county loses its only hospital. Section D provides financial information on skilled nursing homes along with information on Medicaid payments in the Appalachian states. Following presentation of these data tables, Section E provides definitions of the variables used in this study and the original sources of information.

**Section A: Providers by County**

**Table A-1:** Number of Physicians in the County  
Physicians Per Capita  
Primary Care Physicians Per Capita  
Number of Dentists In The County  
Dentists Per Capita  
Growth in Physicians Per Capita  
Growth in Dentists Per Capita

**TABLE A1-A:  
All Physicians Per AMA and AOA**

<b>COUNTY</b>	<b>ST</b>	Physicians in the county in 1990	Physicians in the county in 1999	Physicians per 100,000 people in 1999	1990-1999 change in physicians per 100,000 people	ARC County Economic status in 1990	ARC County Economic Status in 2000
Bibb	AL	9	15	77	18	1	2
Blount	AL	13	20	42	6	2	2
Calhoun	AL	136	193	166	55	2	2
Chambers	AL	29	37	102	23	2	2
Cherokee	AL	7	12	55	14	1	2
Chilton	AL	13	14	37	-5	1	2
Clay	AL	5	6	43	4	1	2
Cleburne	AL	4	3	21	-10	2	2
Colbert	AL	60	94	179	55	2	2
Coosa	AL	2	2	17	-2	2	2
Cullman	AL	55	98	130	45	2	2
De Kalb	AL	31	42	71	8	2	2
Elmore	AL	24	35	55	4	2	2
Etowah	AL	148	192	186	37	2	2
Fayette	AL	10	12	66	9	2	2
Franklin	AL	22	27	91	7	2	2
Hale	AL	7	5	30	-16	9	1
Jackson	AL	28	48	93	30	2	2
Jefferson	AL	2546	3344	509	114	2	2
Lamar	AL	5	5	31	0	2	2
Lauderdale	AL	117	164	194	40	2	2
Lawrence	AL	13	9	27	-15	1	2
Limestone	AL	24	48	76	29	2	2
Macon	AL	28	23	100	-17	9	1
Madison	AL	406	631	225	58	2	3
Marion	AL	18	30	98	36	2	2
Marshall	AL	47	90	112	43	2	2
Morgan	AL	123	178	162	37	2	3
Pickens	AL	13	13	62	-1	1	1
Randolph	AL	8	14	69	22	1	2
St. Clair	AL	18	34	53	17	2	2
Shelby	AL	59	146	100	43	2	4
Talladega	AL	48	65	84	16	1	2

**TABLE A1-A:  
All Physicians Per AMA and AOA**

Tallapoosa	AL	28	49	122	46	2	2
Tuscaloosa	AL	301	377	234	29	2	2
Walker	AL	48	66	93	22	2	2
Winston	AL	9	11	45	4	2	2
Banks	GA	8	4	30	-50	2	2
Barrow	GA	14	27	64	11	2	2
Bartow	GA	37	64	86	18	2	2
Carroll	GA	79	115	136	21	2	2
Catoosa	GA	31	49	94	19	2	2
Chattooga	GA	4	7	31	9	2	2
Cherokee	GA	35	93	66	27	3	4
Dade	GA	9	8	52	-16	2	2
Dawson	GA	2	10	63	41	2	3
Douglas	GA	61	88	97	10	4	3
Elbert	GA	11	13	67	5	9	1
Fannin	GA	6	12	63	23	2	2
Floyd	GA	205	294	344	72	2	2
Forsyth	GA	22	55	57	6	3	4
Franklin	GA	14	16	83	-5	2	2
Gilmer	GA	8	12	61	-9	2	2
Gordon	GA	29	46	110	22	2	2
Gwinnett	GA	301	732	134	39	4	4
Habersham	GA	20	40	123	39	2	3
Hall	GA	154	264	214	28	3	3
Haralson	GA	15	16	64	-6	2	2
Hart	GA	8	17	77	33	9	2
Heard	GA	2	3	29	4	2	2
Jackson	GA	12	17	44	1	2	2
Lumpkin	GA	14	13	66	-34	2	2
Madison	GA	5	5	20	-4	2	2
Murray	GA	8	18	53	19	2	2
Paulding	GA	12	16	20	-9	2	2
Pickens	GA	7	23	109	51	2	3
Polk	GA	17	20	55	2	2	2
Rabun	GA	11	24	175	65	2	2
Stephens	GA	33	40	158	16	2	2
Towns	GA	5	11	125	45	2	2

**TABLE A1-A:  
All Physicians Per AMA and AOA**

Union	GA	8	15	87	20	2	2
Walker	GA	15	25	40	15	2	2
White	GA	10	10	55	-27	2	3
Whitfield	GA	103	149	179	36	3	3
Adair	KY	11	17	103	27	2	1
Bath	KY	6	10	93	28	1	1
Bell	KY	48	53	183	24	1	1
Boyd	KY	110	169	346	125	2	2
Breathitt	KY	8	22	139	86	1	1
Carter	KY	5	5	18	-2	1	1
Casey	KY	5	6	40	4	1	1
Clark	KY	30	47	145	40	2	2
Clay	KY	12	9	40	-19	1	1
Clinton	KY	3	5	53	19	1	1
Cumberland	KY	3	3	44	-2	2	1
Elliott	KY	2	3	46	14	1	1
Estill	KY	6	7	45	5	1	1
Fleming	KY	5	8	59	17	2	2
Floyd	KY	48	70	162	55	1	1
Garrard	KY	5	7	49	4	2	2
Green	KY	9	8	76	-17	2	1
Greenup	KY	19	42	114	62	2	2
Harlan	KY	35	45	131	40	1	1
Jackson	KY	3	4	31	5	1	1
Johnson	KY	28	42	175	58	1	1
Knott	KY	5	6	33	6	1	1
Knox	KY	11	18	56	20	2	1
Laurel	KY	23	67	129	74	2	2
Lawrence	KY	14	14	89	-10	1	1
Lee	KY	4	3	38	-16	1	1
Leslie	KY	9	12	89	31	1	1
Letcher	KY	26	40	153	62	1	1
Lewis	KY	5	7	52	11	1	1
Lincoln	KY	7	9	40	4	1	1
McCreary	KY	8	7	42	-10	1	1
Madison	KY	73	101	149	16	2	2
Magoffin	KY	4	2	14	-16	1	1

**TABLE A1-A:  
All Physicians Per AMA and AOA**

Martin	KY	7	6	50	-8	1	1
Menifee	KY	1	0	0	-20	1	1
Monroe	KY	6	7	63	7	2	1
Montgomery	KY	20	34	157	49	1	2
Morgan	KY	8	10	73	3	1	1
Owsley	KY	0	1	19	21	1	1
Perry	KY	46	79	256	117	1	1
Pike	KY	73	129	180	87	1	1
Powell	KY	3	5	38	12	1	1
Pulaski	KY	59	103	180	64	1	2
Rockcastle	KY	9	9	56	-7	1	1
Rowan	KY	41	64	289	89	2	1
Russell	KY	8	9	56	1	1	1
Wayne	KY	11	13	68	2	1	1
Whitley	KY	52	78	216	61	1	1
Wolfe	KY	2	2	27	-2	1	1
Allegany	MD	158	157	221	-1	2	2
Garrett	MD	22	21	71	-8	2	2
Washington	MD	169	228	178	34	2	2
Alcorn	MS	29	40	121	24	2	1
Benton	MS	1	0	0	-13	1	1
Calhoun	MS	6	5	34	-7	2	2
Chickasaw	MS	10	11	61	1	1	1
Choctaw	MS	2	4	43	19	1	1
Clay	MS	15	19	88	15	1	1
Itawamba	MS	4	8	38	15	2	2
Kemper	MS	3	0	0	-29	1	1
Lee	MS	140	238	316	101	2	2
Lowndes	MS	77	103	170	37	2	2
Marshall	MS	9	8	25	-7	1	1
Monroe	MS	29	47	123	44	2	1
Noxubee	MS	4	5	40	8	1	1
Oktibbeha	MS	39	47	118	8	2	1
Pontotoc	MS	12	10	39	-17	2	2
Prentiss	MS	12	18	73	19	2	2
Tippah	MS	11	8	38	-18	1	2
Tishomingo	MS	14	12	64	-16	2	1

**TABLE A1-A:  
All Physicians Per AMA and AOA**

Union	MS	18	23	95	9	2	2
Webster	MS	5	5	47	0	2	2
Winston	MS	10	7	36	-17	1	1
Yalobusha	MS	7	4	32	-28	9	1
Allegany	NY	37	49	97	25	2	2
Broome	NY	463	581	298	72	3	3
Cattaraugus	NY	106	128	152	27	2	2
Chautauqua	NY	169	206	150	28	2	2
Chemung	NY	199	248	270	63	2	2
Chenango	NY	50	58	114	16	2	2
Cortland	NY	47	61	127	30	2	2
Delaware	NY	44	51	110	13	2	2
Otsego	NY	215	256	422	60	2	2
Schoharie	NY	22	26	81	13	2	2
Schuyler	NY	19	17	88	-13	2	2
Steuben	NY	116	131	134	16	2	2
Tioga	NY	36	36	69	1	3	2
Tompkins	NY	165	221	226	54	2	2
Alexander	NC	9	12	38	3	4	3
Alleghany	NC	6	20	203	125	2	2
Ashe	NC	14	22	91	27	2	2
Avery	NC	26	32	202	12	2	2
Buncombe	NC	471	710	362	75	2	3
Burke	NC	112	153	184	24	3	2
Caldwell	NC	63	73	96	5	2	2
Cherokee	NC	16	40	173	85	2	2
Clay	NC	6	10	114	31	2	2
Davie	NC	20	42	128	49	3	4
Forsyth	NC	1199	1583	548	66	3	4
Graham	NC	4	5	66	7	1	1
Haywood	NC	66	96	185	37	2	2
Henderson	NC	114	206	250	67	3	3
Jackson	NC	52	74	245	29	2	2
McDowell	NC	26	32	79	3	2	2
Macon	NC	30	52	180	47	2	2
Madison	NC	10	11	58	-3	2	2
Mitchell	NC	16	14	95	-22	2	2



**TABLE A1-A:  
All Physicians Per AMA and AOA**

Polk	NC	21	29	172	12	2	4
Rutherford	NC	46	80	130	46	2	2
Stokes	NC	8	19	43	21	2	2
Surry	NC	50	76	112	26	2	2
Swain	NC	13	14	113	-7	1	1
Transylvania	NC	31	53	184	59	2	2
Watauga	NC	58	92	222	59	2	2
Wilkes	NC	38	55	86	20	2	2
Yadkin	NC	16	15	43	-11	2	2
Yancey	NC	4	18	107	75	2	2
Adams	OH	14	17	59	7	1	1
Athens	OH	93	118	192	33	2	1
Belmont	OH	72	87	122	23	2	2
Brown	OH	17	25	60	11	2	2
Carroll	OH	7	13	44	19	2	2
Clermont	OH	88	193	108	50	2	3
Columbiana	OH	95	111	100	11	2	2
Coshocton	OH	22	29	80	17	2	2
Gallia	OH	70	99	298	93	2	1
Guernsey	OH	48	57	139	17	2	2
Harrison	OH	14	11	68	-18	2	2
Highland	OH	25	36	88	18	2	2
Hocking	OH	17	23	79	15	2	2
Holmes	OH	20	24	63	1	2	2
Jackson	OH	14	20	61	15	2	2
Jefferson	OH	94	99	134	17	2	2
Lawrence	OH	31	54	84	36	2	2
Meigs	OH	11	8	33	-13	2	1
Monroe	OH	2	10	65	53	2	1
Morgan	OH	3	4	28	6	2	1
Muskingum	OH	126	151	178	25	2	2
Noble	OH	4	4	27	-7	2	2
Perry	OH	8	11	32	7	2	2
Pike	OH	20	21	75	-7	1	1
Ross	OH	74	112	148	46	2	2
Scioto	OH	80	119	148	51	2	1
Tuscarawas	OH	79	94	106	9	2	2

**TABLE A1-A:  
All Physicians Per AMA and AOA**

Vinton	OH	1	0	0	-9	2	1
Washington	OH	77	104	165	41	2	2
Allegheny	PA	5413	6719	535	119	2	4
Armstrong	PA	59	65	89	10	2	2
Beaver	PA	219	267	146	30	2	2
Bedford	PA	29	43	87	25	2	2
Blair	PA	226	303	233	61	2	2
Bradford	PA	191	246	396	79	2	2
Butler	PA	142	239	139	44	2	3
Cambria	PA	323	434	282	86	2	2
Cameron	PA	5	3	54	-35	2	2
Carbon	PA	48	54	92	7	2	2
Centre	PA	187	255	193	37	2	2
Clarion	PA	42	57	137	36	2	2
Clearfield	PA	95	148	183	56	2	2
Clinton	PA	43	42	114	-5	2	2
Columbia	PA	85	116	182	46	2	2
Crawford	PA	102	141	158	38	2	2
Elk	PA	40	47	137	19	2	2
Erie	PA	599	716	258	38	2	2
Fayette	PA	128	159	111	19	2	1
Forest	PA	2	1	20	-21	2	2
Fulton	PA	9	5	34	-30	2	2
Greene	PA	38	29	69	-25	2	1
Huntingdon	PA	46	56	125	19	2	2
Indiana	PA	94	126	143	36	2	2
Jefferson	PA	48	62	135	31	2	2
Juniata	PA	7	7	32	-3	2	2
Lackawanna	PA	464	588	285	64	2	2
Lawrence	PA	85	134	142	53	2	2
Luzerne	PA	656	793	254	48	2	2
Lycoming	PA	245	262	224	12	2	2
McKean	PA	46	65	141	44	2	2
Mercer	PA	217	260	214	37	2	2
Mifflin	PA	79	75	160	-10	2	2
Monroe	PA	134	193	150	-1	3	2
Montour	PA	401	422	2402	49	3	3

**TABLE A1-A:  
All Physicians Per AMA and AOA**

Northumberland	PA	90	94	101	6	3	2
Perry	PA	19	24	54	9	2	2
Pike	PA	14	23	56	0	3	2
Potter	PA	22	27	158	18	2	2
Schuylkill	PA	177	192	129	12	2	2
Snyder	PA	29	40	106	28	2	2
Somerset	PA	88	99	124	11	2	2
Sullivan	PA	3	4	66	12	2	2
Susquehanna	PA	34	38	90	6	2	2
Tioga	PA	42	56	134	33	2	2
Union	PA	66	103	254	65	2	2
Venango	PA	95	102	177	17	2	2
Warren	PA	56	72	165	40	2	3
Washington	PA	248	323	158	38	2	2
Wayne	PA	55	72	156	13	2	2
Westmoreland	PA	559	673	182	31	2	2
Wyoming	PA	27	31	106	14	2	2
Anderson	SC	200	290	178	37	2	2
Cherokee	SC	36	45	90	5	2	2
Greenville	SC	653	1037	289	69	3	4
Oconee	SC	68	115	177	55	2	3
Pickens	SC	67	114	105	32	3	2
Spartanburg	SC	377	509	204	34	2	3
Anderson	TN	137	193	272	70	2	2
Bledsoe	TN	4	3	27	-17	2	2
Blount	TN	126	158	154	3	2	2
Bradley	TN	100	147	175	31	2	2
Campbell	TN	21	33	86	23	1	1
Cannon	TN	7	7	57	-12	2	2
Carter	TN	32	35	66	0	2	2
Claiborne	TN	12	16	54	8	2	2
Clay	TN	6	3	41	-46	2	1
Cocke	TN	15	20	62	8	1	1
Coffee	TN	64	92	198	33	2	2
Cumberland	TN	42	71	157	31	1	2
De Kalb	TN	11	13	80	-2	2	2
Fentress	TN	9	9	55	-7	1	1

**TABLE A1-A:  
All Physicians Per AMA and AOA**

Franklin	TN	29	46	122	34	2	2
Grainger	TN	4	3	15	-9	1	2
Greene	TN	63	88	144	27	2	2
Grundy	TN	5	7	50	12	1	1
Hamblen	TN	59	88	162	35	2	2
Hamilton	TN	749	1099	373	95	2	4
Hancock	TN	3	3	44	-1	1	1
Hawkins	TN	23	32	64	8	2	2
Jackson	TN	5	4	41	-17	1	2
Jefferson	TN	18	36	80	27	2	2
Johnson	TN	7	13	78	24	1	1
Knox	TN	996	1464	389	87	2	2
Loudon	TN	24	45	113	38	2	2
McMinn	TN	40	65	140	38	2	2
Macon	TN	6	9	49	6	2	2
Marion	TN	14	23	85	27	1	2
Meigs	TN	1	3	30	15	2	1
Monroe	TN	13	22	62	14	1	2
Morgan	TN	2	5	27	14	1	2
Overton	TN	8	19	97	49	1	2
Pickett	TN	0	0	0	0	1	1
Polk	TN	10	10	66	-11	1	2
Putnam	TN	64	131	219	86	2	2
Rhea	TN	11	11	39	-7	2	2
Roane	TN	28	34	68	6	2	2
Scott	TN	7	15	74	33	1	1
Sequatchie	TN	5	7	65	5	2	2
Sevier	TN	28	70	106	43	2	2
Smith	TN	12	13	78	-12	2	2
Sullivan	TN	378	556	370	100	2	2
Unicoi	TN	8	14	81	31	2	2
Union	TN	1	3	18	10	2	2
Van Buren	TN	1	1	20	-3	2	2
Warren	TN	32	37	102	0	2	2
Washington	TN	359	674	656	240	2	2
White	TN	11	21	92	36	2	2
Alleghany + Clifton Forg VA		46	14	115	-77	2	2

**TABLE A1-A:  
All Physicians Per AMA and AOA**

Bath	VA	8	8	162	-8	2	2
Bland	VA	1	8	118	101	2	2
Botetourt	VA	20	27	93	9	4	3
Buchanan	VA	20	25	88	29	1	1
Carroll + Galax city	VA	46	11	40	-135	2	2
Craig	VA	1	1	20	-3	2	2
Dickenson	VA	6	12	72	39	2	1
Floyd	VA	4	8	60	24	2	2
Giles	VA	15	15	92	-1	2	2
Grayson	VA	7	9	55	20	2	2
Highland	VA	2	4	161	81	2	2
Lee	VA	18	24	101	28	1	1
Montgomery + Radford	VA	140	114	148	-19	9	2
Pulaski	VA	28	40	116	33	2	2
Rockbridge + Buena Vis	VA	32	5	26	-77	9	2
Russell	VA	13	17	59	11	2	1
Scott	VA	6	5	22	-4	2	2
Smyth	VA	48	48	147	-3	2	2
Tazewell	VA	102	126	272	61	2	2
Washington + Bristol cit	VA	64	93	187	82	2	2
Wise + Norton city	VA	84	50	124	-67	2	1
Wythe	VA	25	35	132	29	2	2
Barbour	WV	12	13	81	7	1	1
Berkeley	WV	75	91	125	-7	2	2
Boone	WV	12	14	53	8	2	1

**TABLE A1-A:  
All Physicians Per AMA and AOA**

Braxton	WV	9	8	61	-15	1	1
Brooke	WV	13	14	54	7	2	2
Cabell	WV	386	566	605	186	2	2
Calhoun	WV	7	4	50	-36	1	1
Clay	WV	2	4	38	19	1	1
Doddridge	WV	3	2	27	-16	1	2
Fayette	WV	52	60	128	18	2	1
Gilmer	WV	2	4	56	30	1	1
Grant	WV	13	12	108	-19	1	2
Greenbrier	WV	101	108	306	22	2	2
Hampshire	WV	7	11	57	12	2	2
Hancock	WV	61	76	225	59	2	2
Hardy	WV	2	6	50	29	2	2
Harrison	WV	141	161	229	31	2	2
Jackson	WV	15	23	81	24	2	2
Jefferson	WV	30	55	130	47	2	3
Kanawha	WV	590	789	396	110	2	2
Lewis	WV	18	20	115	14	2	1
Lincoln	WV	7	6	27	-6	1	1
Logan	WV	71	80	199	47	2	1
McDowell	WV	26	20	68	-1	1	1
Marion	WV	67	97	173	54	2	2
Marshall	WV	36	40	114	16	2	2
Mason	WV	31	34	131	8	2	1
Mercer	WV	148	177	276	53	2	2
Mineral	WV	14	24	89	36	2	2
Mingo	WV	40	39	124	19	1	1
Monongalia	WV	517	767	996	252	2	2
Monroe	WV	11	11	83	-13	2	2
Morgan	WV	7	13	94	29	2	2
Nicholas	WV	22	38	138	61	2	1
Ohio	WV	262	281	589	78	2	2
Pendleton	WV	4	5	62	12	2	2
Pleasants	WV	8	4	53	-53	2	2
Pocahontas	WV	6	10	110	43	2	1
Preston	WV	21	28	94	23	1	2
Putnam	WV	31	80	154	83	2	3

**TABLE A1-A:  
All Physicians Per AMA and AOA**

Raleigh	WV	178	217	275	42	2	1
Randolph	WV	43	62	216	65	2	1
Ritchie	WV	1	3	29	19	2	1
Roane	WV	13	17	110	24	2	1
Summers	WV	14	9	65	-29	1	1
Taylor	WV	5	8	52	17	2	1
Tucker	WV	9	4	53	-62	2	2
Tyler	WV	4	4	41	1	2	2
Upshur	WV	27	30	127	10	2	1
Wayne	WV	8	16	38	18	1	2
Webster	WV	5	8	80	36	1	1
Wetzel	WV	19	19	104	9	2	1
Wirt	WV	0	3	52	51	2	1
Wood	WV	130	207	240	86	2	2
Wyoming	WV	17	14	52	-4	1	1
Appalachian Average				126			

AMA refers to data from the American Medical Association Physician Masterfiles

AOA refers to the American Osteopathic Association

ADA refers to the American Dental Association

Dentists refer to full-time dentists in private practice

Physicians refer to non-federal physicians involved in direct patient care

ARC Economic Status: 1=distressed, 2=transitional, 3=competitive, 4=attainment

The 1990 county economic status is shown as "9" if the county was not included in the Appalachian Region until fiscal year 1998.

**TABLE A1-B:  
Primary Care (P.C.) Physicians per AMA and AOA**

<b>COUNTY</b>	<b>ST</b>	primary care physicians in the county in 1990	primary care physicians in the county in 1999	primary care physicians per 100,000 people in 1998	ARC County Economic status in 1990	ARC County Economic Status in 2000
Bibb	AL	8	10	51	1	2
Blount	AL	12	14	30	2	2
Calhoun	AL	56	76	65	2	2
Chambers	AL	12	12	33	2	2
Cherokee	AL	6	9	41	1	2
Chilton	AL	9	11	29	1	2
Clay	AL	4	4	29	1	2
Cleburne	AL	2	2	14	2	2
Colbert	AL	17	32	61	2	2
Coosa	AL	2	2	17	2	2
Cullman	AL	23	39	52	2	2
De Kalb	AL	15	22	37	2	2
Elmore	AL	15	24	38	2	2
Etowah	AL	55	69	67	2	2
Fayette	AL	8	9	50	2	2
Franklin	AL	10	13	44	2	2
Hale	AL	5	2	12	9	1
Jackson	AL	18	25	49	2	2
Jefferson	AL	721	903	137	2	2
Lamar	AL	5	3	19	2	2
Lauderdale	AL	36	46	55	2	2
Lawrence	AL	9	8	24	1	2
Limestone	AL	13	24	38	2	2
Macon	AL	13	6	26	9	1
Madison	AL	144	221	79	2	3
Marion	AL	13	18	59	2	2
Marshall	AL	32	43	53	2	2
Morgan	AL	46	70	64	2	3
Pickens	AL	7	12	57	1	1
Randolph	AL	4	9	44	1	2
St. Clair	AL	10	20	31	2	2
Shelby	AL	24	58	40	2	4



**TABLE A1-B:  
Primary Care (P.C.) Physicians per AMA and AOA**

Talladega	AL	22	29	37	1	2
Tallapoosa	AL	15	18	45	2	2
Tuscaloosa	AL	117	133	82	2	2
Walker	AL	23	30	42	2	2
Winston	AL	7	8	33	2	2
Banks	GA	6	4	30	2	2
Barrow	GA	10	19	45	2	2
Bartow	GA	17	25	34	2	2
Carroll	GA	30	46	54	2	2
Catoosa	GA	15	21	40	2	2
Chattooga	GA	4	5	22	2	2
Cherokee	GA	21	47	33	3	4
Dade	GA	4	3	20	2	2
Dawson	GA	2	6	38	2	3
Douglas	GA	20	47	52	4	3
Elbert	GA	7	10	52	9	1
Fannin	GA	3	9	48	2	2
Floyd	GA	80	105	123	2	2
Forsyth	GA	12	30	31	3	4
Franklin	GA	9	12	62	2	2
Gilmer	GA	5	4	20	2	2
Gordon	GA	14	24	57	2	2
Gwinnett	GA	113	275	50	4	4
Habersham	GA	10	18	55	2	3
Hall	GA	39	72	58	3	3
Haralson	GA	13	13	52	2	2
Hart	GA	6	10	45	9	2
Heard	GA	1	2	19	2	2
Jackson	GA	9	11	28	2	2
Lumpkin	GA	7	8	40	2	2
Madison	GA	5	4	16	2	2
Murray	GA	6	15	44	2	2
Paulding	GA	11	15	19	2	2
Pickens	GA	5	15	71	2	3
Polk	GA	12	15	41	2	2
Rabun	GA	7	11	80	2	2
Stephens	GA	13	18	71	2	2

**TABLE A1-B:  
Primary Care (P.C.) Physicians per AMA and AOA**

Towns	GA	5	8	91	2	2
Union	GA	7	10	58	2	2
Walker	GA	11	14	22	2	2
White	GA	8	7	38	2	3
Whitfield	GA	33	52	62	3	3
Adair	KY	7	11	67	2	1
Bath	KY	6	7	65	1	1
Bell	KY	24	25	86	1	1
Boyd	KY	32	47	96	2	2
Breathitt	KY	6	13	82	1	1
Carter	KY	4	5	18	1	1
Casey	KY	4	5	34	1	1
Clark	KY	13	19	59	2	2
Clay	KY	7	5	22	1	1
Clinton	KY	3	4	42	1	1
Cumberland	KY	3	3	44	2	1
Elliott	KY	1	1	15	1	1
Estill	KY	2	3	19	1	1
Fleming	KY	5	8	59	2	2
Floyd	KY	23	37	86	1	1
Garrard	KY	4	6	42	2	2
Green	KY	8	7	66	2	1
Greenup	KY	11	24	65	2	2
Harlan	KY	15	18	53	1	1
Jackson	KY	3	3	23	1	1
Johnson	KY	10	20	83	1	1
Knott	KY	5	4	22	1	1
Knox	KY	8	12	38	2	1
Laurel	KY	14	30	58	2	2
Lawrence	KY	9	6	38	1	1
Lee	KY	4	3	38	1	1
Leslie	KY	6	10	74	1	1
Letcher	KY	12	13	50	1	1
Lewis	KY	4	6	45	1	1
Lincoln	KY	4	6	27	1	1
McCreary	KY	6	6	36	1	1
Madison	KY	40	45	66	2	2

**TABLE A1-B:  
Primary Care (P.C.) Physicians per AMA and AOA**

Magoffin	KY	3	2	14	1	1
Martin	KY	5	6	50	1	1
Menifee	KY	1	0	0	1	1
Monroe	KY	6	6	54	2	1
Montgomery	KY	12	18	83	1	2
Morgan	KY	7	8	59	1	1
Owsley	KY	0	0	0	1	1
Perry	KY	22	39	127	1	1
Pike	KY	29	45	63	1	1
Powell	KY	2	4	30	1	1
Pulaski	KY	26	29	51	1	2
Rockcastle	KY	6	6	38	1	1
Rowan	KY	15	22	99	2	1
Russell	KY	5	6	37	1	1
Wayne	KY	8	9	47	1	1
Whitley	KY	21	31	86	1	1
Wolfe	KY	2	1	13	1	1
Allegany	MD	47	49	69	2	2
Garrett	MD	12	11	37	2	2
Washington	MD	56	61	48	2	2
Alcorn	MS	12	12	36	2	1
Benton	MS	1	0	0	1	1
Calhoun	MS	5	5	34	2	2
Chickasaw	MS	7	9	50	1	1
Choctaw	MS	1	4	43	1	1
Clay	MS	7	8	37	1	1
Itawamba	MS	4	7	33	2	2
Kemper	MS	3	0	0	1	1
Lee	MS	36	67	89	2	2
Lowndes	MS	29	35	58	2	2
Marshall	MS	7	2	6	1	1
Monroe	MS	17	25	65	2	1
Noxubee	MS	4	5	40	1	1
Oktibbeha	MS	24	23	58	2	1
Pontotoc	MS	8	8	31	2	2
Prentiss	MS	8	8	33	2	2
Tippah	MS	8	7	33	1	2

**TABLE A1-B:  
Primary Care (P.C.) Physicians per AMA and AOA**

Tishomingo	MS	10	9	48	2	1
Union	MS	11	12	50	2	2
Webster	MS	4	4	38	2	2
Winston	MS	7	7	36	1	1
Yalobusha	MS	6	2	16	9	1
Allegany	NY	19	25	49	2	2
Broome	NY	142	208	107	3	3
Cattaraugus	NY	41	46	54	2	2
Chautauqua	NY	63	80	58	2	2
Chemung	NY	66	73	80	2	2
Chenango	NY	23	25	49	2	2
Cortland	NY	23	27	56	2	2
Delaware	NY	25	28	60	2	2
Otsego	NY	66	73	120	2	2
Schoharie	NY	14	14	44	2	2
Schuyler	NY	14	11	57	2	2
Steuben	NY	48	61	62	2	2
Tioga	NY	16	20	38	3	2
Tompkins	NY	59	76	78	2	2
Alexander	NC	7	8	25	4	3
Alleghany	NC	4	11	112	2	2
Ashe	NC	10	14	58	2	2
Avery	NC	15	16	101	2	2
Buncombe	NC	149	221	113	2	3
Burke	NC	43	50	60	3	2
Caldwell	NC	30	37	48	2	2
Cherokee	NC	10	24	104	2	2
Clay	NC	3	5	57	2	2
Davie	NC	10	18	55	3	4
Forsyth	NC	322	390	135	3	4
Graham	NC	4	3	39	1	1
Haywood	NC	29	35	67	2	2
Henderson	NC	45	72	88	3	3
Jackson	NC	27	33	109	2	2
McDowell	NC	12	18	44	2	2
Macon	NC	14	21	73	2	2
Madison	NC	8	7	37	2	2

**TABLE A1-B:  
Primary Care (P.C.) Physicians per AMA and AOA**

Mitchell	NC	13	9	61	2	2
Polk	NC	11	11	65	2	4
Rutherford	NC	23	33	54	2	2
Stokes	NC	6	12	27	2	2
Surry	NC	24	37	54	2	2
Swain	NC	10	7	57	1	1
Transylvania	NC	14	21	73	2	2
Watauga	NC	23	32	77	2	2
Wilkes	NC	21	31	49	2	2
Yadkin	NC	12	11	31	2	2
Yancey	NC	4	14	83	2	2
Adams	OH	9	12	42	1	1
Athens	OH	48	62	101	2	1
Belmont	OH	45	49	69	2	2
Brown	OH	11	18	43	2	2
Carroll	OH	6	7	24	2	2
Clermont	OH	44	96	54	2	3
Columbiana	OH	44	51	46	2	2
Coshocton	OH	13	17	47	2	2
Gallia	OH	26	36	108	2	1
Guernsey	OH	19	19	46	2	2
Harrison	OH	8	8	50	2	2
Highland	OH	14	24	58	2	2
Hocking	OH	10	14	48	2	2
Holmes	OH	15	14	37	2	2
Jackson	OH	12	17	52	2	2
Jefferson	OH	30	38	52	2	2
Lawrence	OH	13	29	45	2	2
Meigs	OH	8	7	29	2	1
Monroe	OH	1	9	58	2	1
Morgan	OH	3	3	21	2	1
Muskingum	OH	37	49	58	2	2
Noble	OH	4	4	27	2	2
Perry	OH	8	7	20	2	2
Pike	OH	12	12	43	1	1
Ross	OH	33	51	67	2	2
Scioto	OH	31	47	58	2	1

**TABLE A1-B:  
Primary Care (P.C.) Physicians per AMA and AOA**

Tuscarawas	OH	33	40	45	2	2
Vinton	OH	1	0	0	2	1
Washington	OH	38	43	68	2	2
Allegheny	PA	1512	1828	145	2	4
Armstrong	PA	30	37	51	2	2
Beaver	PA	84	107	59	2	2
Bedford	PA	19	26	52	2	2
Blair	PA	84	112	86	2	2
Bradford	PA	53	86	138	2	2
Butler	PA	57	91	53	2	3
Cambria	PA	122	167	109	2	2
Cameron	PA	4	1	18	2	2
Carbon	PA	27	32	54	2	2
Centre	PA	66	81	61	2	2
Clarion	PA	24	35	84	2	2
Clearfield	PA	38	53	66	2	2
Clinton	PA	21	21	57	2	2
Columbia	PA	40	49	77	2	2
Crawford	PA	38	65	73	2	2
Elk	PA	18	17	49	2	2
Erie	PA	214	283	102	2	2
Fayette	PA	59	65	45	2	1
Forest	PA	1	0	0	2	2
Fulton	PA	6	3	21	2	2
Greene	PA	19	17	40	2	1
Huntingdon	PA	17	23	51	2	2
Indiana	PA	38	57	65	2	2
Jefferson	PA	20	30	65	2	2
Juniata	PA	7	6	27	2	2
Lackawanna	PA	166	210	102	2	2
Lawrence	PA	34	55	58	2	2
Luzerne	PA	268	351	113	2	2
Lycoming	PA	82	94	81	2	2
McKean	PA	22	26	57	2	2
Mercer	PA	90	98	81	2	2
Mifflin	PA	34	30	64	2	2
Monroe	PA	48	74	58	3	2

**TABLE A1-B:  
Primary Care (P.C.) Physicians per AMA and AOA**

Montour	PA	105	115	654	3	3
Northumberland	PA	41	49	53	3	2
Perry	PA	16	20	45	2	2
Pike	PA	9	13	31	3	2
Potter	PA	8	12	70	2	2
Schuylkill	PA	81	87	58	2	2
Snyder	PA	20	22	58	2	2
Somerset	PA	36	39	49	2	2
Sullivan	PA	2	4	66	2	2
Susquehanna	PA	23	20	47	2	2
Tioga	PA	24	29	70	2	2
Union	PA	22	32	79	2	2
Venango	PA	32	35	61	2	2
Warren	PA	21	27	62	2	3
Washington	PA	113	146	71	2	2
Wayne	PA	29	34	74	2	2
Westmoreland	PA	225	293	79	2	2
Wyoming	PA	17	21	72	2	2
Anderson	SC	88	114	70	2	2
Cherokee	SC	17	22	44	2	2
Greenville	SC	241	357	99	3	4
Oconee	SC	36	41	63	2	3
Pickens	SC	34	56	52	3	2
Spartanburg	SC	118	180	72	2	3
Anderson	TN	47	61	86	2	2
Bledsoe	TN	2	2	18	2	2
Blount	TN	45	63	61	2	2
Bradley	TN	36	52	62	2	2
Campbell	TN	14	20	52	1	1
Cannon	TN	5	5	41	2	2
Carter	TN	18	15	28	2	2
Claiborne	TN	7	10	34	2	2
Clay	TN	6	2	28	2	1
Cocke	TN	12	14	43	1	1
Coffee	TN	24	34	73	2	2
Cumberland	TN	19	25	55	1	2
De Kalb	TN	8	11	68	2	2

**TABLE A1-B:  
Primary Care (P.C.) Physicians per AMA and AOA**

Fentress	TN	6	8	49	1	1
Franklin	TN	18	20	53	2	2
Grainger	TN	3	3	15	1	2
Greene	TN	33	39	64	2	2
Grundy	TN	3	6	43	1	1
Hamblen	TN	22	31	57	2	2
Hamilton	TN	205	305	103	2	4
Hancock	TN	3	3	44	1	1
Hawkins	TN	14	22	44	2	2
Jackson	TN	4	4	41	1	2
Jefferson	TN	11	19	42	2	2
Johnson	TN	5	11	66	1	1
Knox	TN	309	427	114	2	2
Loudon	TN	11	22	55	2	2
McMinn	TN	20	27	58	2	2
Macon	TN	6	8	43	2	2
Marion	TN	11	14	52	1	2
Meigs	TN	1	2	20	2	1
Monroe	TN	8	15	42	1	2
Morgan	TN	2	4	21	1	2
Overton	TN	6	10	51	1	2
Pickett	TN	0	0	0	1	1
Polk	TN	5	7	46	1	2
Putnam	TN	20	44	74	2	2
Rhea	TN	9	10	36	2	2
Roane	TN	11	21	42	2	2
Scott	TN	5	10	49	1	1
Sequatchie	TN	3	6	55	2	2
Sevier	TN	13	42	64	2	2
Smith	TN	11	8	48	2	2
Sullivan	TN	128	197	131	2	2
Unicoi	TN	5	10	58	2	2
Union	TN	1	1	6	2	2
Van Buren	TN	1	1	20	2	2
Warren	TN	15	17	47	2	2
Washington	TN	112	244	237	2	2
White	TN	8	14	61	2	2



**TABLE A1-B:  
Primary Care (P.C.) Physicians per AMA and AOA**

Alleghany + Clifton Forge	VA	17	3	25	2	2
Bath	VA	3	3	61	2	2
Bland	VA	1	4	59	2	2
Botetourt	VA	11	13	45	4	3
Buchanan	VA	13	17	60	1	1
Carroll + Galax city	VA	23	9	32	2	2
Craig	VA	1	1	20	2	2
Dickenson	VA	5	8	48	2	1
Floyd	VA	3	7	53	2	2
Giles	VA	9	9	55	2	2
Grayson	VA	6	4	24	2	2
Highland	VA	1	2	81	2	2
Lee	VA	11	12	50	1	1
Montgomery + Radford	VA	53	46	60	9	2
Pulaski	VA	15	21	61	2	2
Rockbridge + Buena Vista	VA	20	5	26	9	2
Russell	VA	9	9	31	2	1
Scott	VA	4	4	18	2	2
Smyth	VA	23	20	61	2	2
Tazewell	VA	39	47	101	2	2
Washington + Bristol city	VA	26	38	76	2	2
Wise + Norton city	VA	36	23	57	2	1
Wythe	VA	10	15	57	2	2
Barbour	WV	7	9	56	1	1
Berkeley	WV	26	37	51	2	2
Boone	WV	9	9	34	2	1

**TABLE A1-B:  
Primary Care (P.C.) Physicians per AMA and AOA**

Braxton	WV	6	7	53	1	1
Brooke	WV	10	10	39	2	2
Cabell	WV	120	193	206	2	2
Calhoun	WV	4	3	38	1	1
Clay	WV	1	3	28	1	1
Doddridge	WV	3	1	13	1	2
Fayette	WV	27	36	77	2	1
Gilmer	WV	2	2	28	1	1
Grant	WV	7	5	45	1	2
Greenbrier	WV	64	60	170	2	2
Hampshire	WV	4	9	46	2	2
Hancock	WV	20	30	89	2	2
Hardy	WV	1	4	33	2	2
Harrison	WV	58	82	117	2	2
Jackson	WV	8	12	42	2	2
Jefferson	WV	11	23	54	2	3
Kanawha	WV	185	257	129	2	2
Lewis	WV	9	9	52	2	1
Lincoln	WV	6	5	22	1	1
Logan	WV	35	38	95	2	1
McDowell	WV	15	14	48	1	1
Marion	WV	30	45	80	2	2
Marshall	WV	16	23	66	2	2
Mason	WV	13	17	65	2	1
Mercer	WV	50	59	92	2	2
Mineral	WV	8	15	55	2	2
Mingo	WV	23	18	57	1	1
Monongalia	WV	109	167	217	2	2
Monroe	WV	10	9	68	2	2
Morgan	WV	5	10	72	2	2
Nicholas	WV	15	23	84	2	1
Ohio	WV	79	94	197	2	2
Pendleton	WV	4	3	37	2	2
Pleasants	WV	7	4	53	2	2
Pocahontas	WV	6	8	88	2	1
Preston	WV	15	15	50	1	2
Putnam	WV	19	48	92	2	3

**TABLE A1-B:  
Primary Care (P.C.) Physicians per AMA and AOA**

Raleigh	WV	55	78	99	2	1
Randolph	WV	13	22	77	2	1
Ritchie	WV	1	3	29	2	1
Roane	WV	5	10	65	2	1
Summers	WV	9	8	58	1	1
Taylor	WV	4	7	46	2	1
Tucker	WV	7	4	53	2	2
Tyler	WV	4	4	41	2	2
Upshur	WV	16	16	68	2	1
Wayne	WV	7	11	26	1	2
Webster	WV	3	7	70	1	1
Wetzel	WV	15	11	60	2	1
Wirt	WV	0	1	17	2	1
Wood	WV	40	64	74	2	2
Wyoming	WV	13	11	41	1	1
Appalachian Average						

AMA refers to data from the American Medical Association Physician Masterfiles

AOA refers to the American Osteopathic Association

ADA refers to the American Dental Association

Dentists refer to full-time dentists in private practice

Physicians refer to non-federal physicians involved in direct patient care

ARC Economic Status: 1=distressed, 2=transitional, 3=competitive, 4=attainment

The 1990 county economic status is shown as "9" if the county was not included in the Appalachian Region until fiscal year 1998.

**TABLE A1-C:  
Full Time Dentists in the County per ADA**

<b>COUNTY</b>	<b>ST</b>	Dentists in the county in 1987	Dentists in the county in 1998	Dentists per 100,000 people in 1998	per census Optometrists in the county in 1990	ARC County Economic status in 1990	ARC County Economic Status in 2000
Bibb	AL	2	3	16	0	1	2
Blount	AL	4	6	13	0	2	2
Calhoun	AL	39	39	33	18	2	2
Chambers	AL	5	8	22	5	2	2
Cherokee	AL	2	2	9	0	1	2
Chilton	AL	8	8	22	8	1	2
Clay	AL	2	2	14	0	1	2
Cleburne	AL	1	1	7	0	2	2
Colbert	AL	12	13	25	0	2	2
Coosa	AL	0	1	9	0	2	2
Cullman	AL	15	18	24	0	2	2
De Kalb	AL	12	13	22	5	2	2
Elmore	AL	9	8	13	0	2	2
Etowah	AL	32	37	36	0	2	2
Fayette	AL	3	3	17	0	2	2
Franklin	AL	7	6	20	11	2	2
Hale	AL	1	1	6	0	9	1
Jackson	AL	14	15	29	28	2	2
Jefferson	AL	297	334	51	118	2	2
Lamar	AL	2	3	19	2	2	2
Lauderdale	AL	30	37	44	22	2	2
Lawrence	AL	3	3	9	0	1	2
Limestone	AL	9	9	14	0	2	2
Macon	AL	2	4	17	0	9	1
Madison	AL	106	120	43	12	2	3
Marion	AL	5	7	23	0	2	2
Marshall	AL	24	26	32	8	2	2
Morgan	AL	38	44	40	24	2	3
Pickens	AL	2	2	9	0	1	1
Randolph	AL	3	3	15	0	1	2
St. Clair	AL	9	10	16	2	2	2
Shelby	AL	22	40	28	36	2	4

**TABLE A1-C:  
Full Time Dentists in the County per ADA**

Talladega	AL	12	15	20	0	1	2
Tallapoosa	AL	9	11	27	0	2	2
Tuscaloosa	AL	46	49	30	0	2	2
Walker	AL	15	21	30	0	2	2
Winston	AL	3	2	8	0	2	2
Banks	GA	0	0	0	0	2	2
Barrow	GA	7	7	17	9	2	2
Bartow	GA	9	12	17	6	2	2
Carroll	GA	20	21	25	0	2	2
Catoosa	GA	6	5	10	6	2	2
Chattooga	GA	4	5	22	0	2	2
Cherokee	GA	20	28	21	0	3	4
Dade	GA	1	2	13	0	2	2
Dawson	GA	2	2	13	0	2	3
Douglas	GA	15	26	29	0	4	3
Elbert	GA	4	5	26	0	9	1
Fannin	GA	3	4	21	9	2	2
Floyd	GA	25	29	34	0	2	2
Forsyth	GA	9	15	17	10	3	4
Franklin	GA	5	5	26	2	2	2
Gilmer	GA	3	3	16	0	2	2
Gordon	GA	8	10	24	0	2	2
Gwinnett	GA	136	181	35	31	4	4
Habersham	GA	9	10	31	0	2	3
Hall	GA	41	45	38	6	3	3
Haralson	GA	4	5	20	0	2	2
Hart	GA	4	4	18	9	9	2
Heard	GA	1	1	10	0	2	2
Jackson	GA	4	5	13	0	2	2
Lumpkin	GA	3	3	16	0	2	2
Madison	GA	1	2	8	0	2	2
Murray	GA	3	1	3	0	2	2
Paulding	GA	4	10	14	0	2	2
Pickens	GA	3	3	15	0	2	3
Polk	GA	10	8	22	7	2	2
Rabun	GA	5	3	22	0	2	2
Stephens	GA	7	7	28	0	2	2

**TABLE A1-C:  
Full Time Dentists in the County per ADA**

Towns	GA	4	1	12	0	2	2
Union	GA	2	3	18	0	2	2
Walker	GA	10	8	13	0	2	2
White	GA	3	4	23	0	2	3
Whitfield	GA	18	22	27	0	3	3
Adair	KY	6	3	18	0	2	1
Bath	KY	2	2	19	0	1	1
Bell	KY	8	11	38	0	1	1
Boyd	KY	27	31	63	0	2	2
Breathitt	KY	4	3	19	2	1	1
Carter	KY	7	8	30	0	1	1
Casey	KY	1	2	14	0	1	1
Clark	KY	12	13	41	0	2	2
Clay	KY	4	5	22	0	1	1
Clinton	KY	4	1	11	0	1	1
Cumberland	KY	2	3	44	0	2	1
Elliott	KY	3	1	15	0	1	1
Estill	KY	3	2	13	0	1	1
Fleming	KY	3	3	22	0	2	2
Floyd	KY	16	21	48	0	1	1
Garrard	KY	3	3	22	0	2	2
Green	KY	4	2	19	2	2	1
Greenup	KY	14	14	38	3	2	2
Harlan	KY	8	6	17	0	1	1
Jackson	KY	0	1	8	0	1	1
Johnson	KY	5	6	25	0	1	1
Knott	KY	2	4	22	0	1	1
Knox	KY	8	4	13	0	2	1
Laurel	KY	7	10	20	0	2	2
Lawrence	KY	3	4	26	0	1	1
Lee	KY	1	2	25	0	1	1
Leslie	KY	2	3	22	2	1	1
Letcher	KY	8	6	23	3	1	1
Lewis	KY	3	2	15	0	1	1
Lincoln	KY	3	2	9	0	1	1
McCreary	KY	3	2	12	0	1	1
Madison	KY	17	23	35	0	2	2

**TABLE A1-C:  
Full Time Dentists in the County per ADA**

Magoffin	KY	3	5	36	0	1	1
Martin	KY	2	2	17	0	1	1
Menifee	KY	0	1	17	0	1	1
Monroe	KY	2	4	36	0	2	1
Montgomery	KY	8	9	43	0	1	2
Morgan	KY	4	4	30	0	1	1
Owsley	KY	1	1	19	0	1	1
Perry	KY	8	9	29	30	1	1
Pike	KY	25	26	36	10	1	1
Powell	KY	3	4	31	0	1	1
Pulaski	KY	15	20	36	0	1	2
Rockcastle	KY	2	2	13	0	1	1
Rowan	KY	7	9	41	0	2	1
Russell	KY	3	6	37	0	1	1
Wayne	KY	3	3	16	0	1	1
Whitley	KY	18	14	39	6	1	1
Wolfe	KY	1	0	0	0	1	1
Allegany	MD	33	34	48	0	2	2
Garrett	MD	10	8	27	2	2	2
Washington	MD	46	46	36	6	2	2
Alcorn	MS	13	14	43	0	2	1
Benton	MS	0	0	0	0	1	1
Calhoun	MS	4	3	20	0	2	2
Chickasaw	MS	3	3	17	0	1	1
Choctaw	MS	0	3	32	0	1	1
Clay	MS	3	4	18	5	1	1
Itawamba	MS	4	5	24	0	2	2
Kemper	MS	1	1	9	0	1	1
Lee	MS	27	33	44	0	2	2
Lowndes	MS	20	25	41	0	2	2
Marshall	MS	4	4	12	0	1	1
Monroe	MS	7	8	21	0	2	1
Noxubee	MS	1	3	24	0	1	1
Oktibbeha	MS	9	10	25	12	2	1
Pontotoc	MS	4	4	16	7	2	2
Prentiss	MS	5	4	16	7	2	2
Tippah	MS	5	4	19	8	1	2

**TABLE A1-C:  
Full Time Dentists in the County per ADA**

Tishomingo	MS	3	4	21	0	2	1
Union	MS	6	5	21	0	2	2
Webster	MS	3	2	19	0	2	2
Winston	MS	3	3	15	12	1	1
Yalobusha	MS	2	4	32	7	9	1
Allegany	NY	9	9	18	0	2	2
Broome	NY	93	103	52	33	3	3
Cattaraugus	NY	21	21	25	2	2	2
Chautauqua	NY	51	48	35	22	2	2
Chemung	NY	35	35	38	17	2	2
Chenango	NY	13	17	33	2	2	2
Cortland	NY	10	11	23	0	2	2
Delaware	NY	11	12	26	0	2	2
Otsego	NY	18	16	26	12	2	2
Schoharie	NY	7	6	18	11	2	2
Schuyler	NY	2	2	10	0	2	2
Steuben	NY	26	27	28	12	2	2
Tioga	NY	8	10	19	0	3	2
Tompkins	NY	34	45	47	12	2	2
Alexander	NC	5	5	16	9	4	3
Alleghany	NC	2	2	20	6	2	2
Ashe	NC	3	3	12	2	2	2
Avery	NC	1	3	19	0	2	2
Buncombe	NC	72	78	40	51	2	3
Burke	NC	14	15	18	13	3	2
Caldwell	NC	14	11	14	0	2	2
Cherokee	NC	5	5	22	2	2	2
Clay	NC	1	1	12	0	2	2
Davie	NC	8	8	25	7	3	4
Forsyth	NC	105	117	41	30	3	4
Graham	NC	0	0	0	0	1	1
Haywood	NC	18	13	25	6	2	2
Henderson	NC	22	34	42	7	3	3
Jackson	NC	6	11	36	0	2	2
McDowell	NC	8	7	17	0	2	2
Macon	NC	6	8	28	0	2	2
Madison	NC	2	2	11	0	2	2



**TABLE A1-C:  
Full Time Dentists in the County per ADA**

Mitchell	NC	3	4	27	0	2	2
Polk	NC	3	4	24	0	2	4
Rutherford	NC	10	13	21	0	2	2
Stokes	NC	7	4	9	0	2	2
Surry	NC	20	19	28	8	2	2
Swain	NC	4	2	16	0	1	1
Transylvania	NC	8	10	35	0	2	2
Watauga	NC	14	14	34	0	2	2
Wilkes	NC	9	10	16	19	2	2
Yadkin	NC	4	5	14	4	2	2
Yancey	NC	2	4	24	0	2	2
Adams	OH	3	4	14	5	1	1
Athens	OH	12	14	23	7	2	1
Belmont	OH	25	22	32	12	2	2
Brown	OH	4	6	15	11	2	2
Carroll	OH	4	5	17	0	2	2
Clermont	OH	29	46	26	6	2	3
Columbiana	OH	28	24	22	9	2	2
Coshocton	OH	8	7	19	17	2	2
Gallia	OH	11	13	39	6	2	1
Guernsey	OH	14	9	22	5	2	2
Harrison	OH	2	2	12	0	2	2
Highland	OH	9	13	32	12	2	2
Hocking	OH	6	4	14	0	2	2
Holmes	OH	6	10	26	0	2	2
Jackson	OH	4	3	9	0	2	2
Jefferson	OH	25	28	38	0	2	2
Lawrence	OH	13	10	16	0	2	2
Meigs	OH	3	3	12	0	2	1
Monroe	OH	2	1	7	7	2	1
Morgan	OH	2	0	0	2	2	1
Muskingum	OH	24	31	37	6	2	2
Noble	OH	2	1	8	2	2	2
Perry	OH	5	4	12	6	2	2
Pike	OH	4	4	14	0	1	1
Ross	OH	21	23	30	0	2	2
Scioto	OH	18	21	26	5	2	1

**TABLE A1-C:  
Full Time Dentists in the County per ADA**

Tuscarawas	OH	28	26	29	2	2	2
Vinton	OH	0	0	0	0	2	1
Washington	OH	18	19	30	7	2	2
Allegheny	PA	797	878	69	213	2	4
Armstrong	PA	17	21	29	4	2	2
Beaver	PA	69	73	40	30	2	2
Bedford	PA	14	16	32	30	2	2
Blair	PA	51	45	34	0	2	2
Bradford	PA	17	20	32	2	2	2
Butler	PA	52	72	42	20	2	3
Cambria	PA	67	62	40	25	2	2
Cameron	PA	1	2	36	0	2	2
Carbon	PA	20	29	49	5	2	2
Centre	PA	42	59	44	13	2	2
Clarion	PA	13	9	22	8	2	2
Clearfield	PA	24	26	32	20	2	2
Clinton	PA	9	13	35	0	2	2
Columbia	PA	25	25	39	12	2	2
Crawford	PA	29	29	32	20	2	2
Elk	PA	12	9	26	0	2	2
Erie	PA	150	151	55	30	2	2
Fayette	PA	49	56	39	13	2	1
Forest	PA	1	2	40	0	2	2
Fulton	PA	1	2	14	0	2	2
Greene	PA	7	7	17	0	2	1
Huntingdon	PA	15	11	25	7	2	2
Indiana	PA	24	32	36	7	2	2
Jefferson	PA	22	21	45	0	2	2
Juniata	PA	3	4	18	3	2	2
Lackawanna	PA	113	120	58	2	2	2
Lawrence	PA	46	49	52	7	2	2
Luzerne	PA	134	164	52	34	2	2
Lycoming	PA	49	48	41	4	2	2
McKean	PA	13	14	30	2	2	2
Mercer	PA	47	38	31	20	2	2
Mifflin	PA	12	9	19	11	2	2
Monroe	PA	33	41	33	21	3	2

**TABLE A1-C:  
Full Time Dentists in the County per ADA**

Montour	PA	5	4	23	0	3	3
Northumberland	PA	30	33	35	0	3	2
Perry	PA	8	8	18	0	2	2
Pike	PA	8	12	30	0	3	2
Potter	PA	5	6	35	0	2	2
Schuylkill	PA	39	58	39	14	2	2
Snyder	PA	14	14	37	12	2	2
Somerset	PA	24	27	34	7	2	2
Sullivan	PA	1	0	0	0	2	2
Susquehanna	PA	10	8	19	0	2	2
Tioga	PA	11	13	31	6	2	2
Union	PA	14	19	46	0	2	2
Venango	PA	25	24	41	2	2	2
Warren	PA	18	15	34	5	2	3
Washington	PA	78	84	41	28	2	2
Wayne	PA	10	15	33	6	2	2
Westmoreland	PA	171	171	46	79	2	2
Wyoming	PA	8	12	41	13	2	2
Anderson	SC	38	37	23	27	2	2
Cherokee	SC	8	6	12	0	2	2
Greenville	SC	119	145	41	52	3	4
Oconee	SC	12	15	23	0	2	3
Pickens	SC	22	25	23	5	3	2
Spartanburg	SC	70	73	29	12	2	3
Anderson	TN	36	41	58	0	2	2
Bledsoe	TN	1	1	9	0	2	2
Blount	TN	34	35	35	14	2	2
Bradley	TN	24	26	31	10	2	2
Campbell	TN	9	6	16	0	1	1
Cannon	TN	2	2	16	0	2	2
Carter	TN	10	11	21	14	2	2
Claiborne	TN	5	5	17	2	2	2
Clay	TN	1	2	28	0	2	1
Cocke	TN	4	5	16	0	1	1
Coffee	TN	22	19	42	0	2	2
Cumberland	TN	8	10	23	0	1	2
De Kalb	TN	4	2	13	8	2	2

**TABLE A1-C:  
Full Time Dentists in the County per ADA**

Fentress	TN	3	1	6	0	1	1
Franklin	TN	11	8	21	9	2	2
Grainger	TN	1	2	10	0	1	2
Greene	TN	16	17	28	0	2	2
Grundy	TN	2	3	21	2	1	1
Hamblen	TN	21	29	54	9	2	2
Hamilton	TN	141	158	54	27	2	4
Hancock	TN	1	0	0	0	1	1
Hawkins	TN	8	8	16	0	2	2
Jackson	TN	2	2	21	0	1	2
Jefferson	TN	9	12	27	27	2	2
Johnson	TN	1	2	12	0	1	1
Knox	TN	183	187	51	59	2	2
Loudon	TN	10	11	28	0	2	2
McMinn	TN	18	16	35	0	2	2
Macon	TN	2	3	17	0	2	2
Marion	TN	8	1	4	0	1	2
Meigs	TN	1	1	10	0	2	1
Monroe	TN	8	6	17	0	1	2
Morgan	TN	2	3	16	0	1	2
Overton	TN	3	2	10	0	1	2
Pickett	TN	1	0	0	0	1	1
Polk	TN	4	3	20	0	1	2
Putnam	TN	20	22	37	0	2	2
Rhea	TN	7	9	32	0	2	2
Roane	TN	18	14	28	0	2	2
Scott	TN	2	2	10	0	1	1
Sequatchie	TN	2	1	10	0	2	2
Sevier	TN	10	14	22	0	2	2
Smith	TN	2	2	12	0	2	2
Sullivan	TN	73	76	50	28	2	2
Unicoi	TN	5	2	12	0	2	2
Union	TN	1	1	6	0	2	2
Van Buren	TN	0	0	0	0	2	2
Warren	TN	7	10	28	14	2	2
Washington	TN	36	45	44	0	2	2
White	TN	6	6	26	0	2	2

**TABLE A1-C:  
Full Time Dentists in the County per ADA**

Alleghany + Clifton Forge	VA	5	0	0	8	2	2
Bath	VA	1	2	41	0	2	2
Bland	VA	2	2	30	0	2	2
Botetourt	VA	8	20	70	0	4	3
Buchanan	VA	5	4	14	0	1	1
Carroll + Galax city	VA	7	7	25	0	2	2
Craig	VA	1	0	0	0	2	2
Dickenson	VA	2	1	6	0	2	1
Floyd	VA	3	3	23	0	2	2
Giles	VA	6	7	43	4	2	2
Grayson	VA	8	3	19	0	2	2
Highland	VA	0	0	0	0	2	2
Lee	VA	3	4	17	0	1	1
Montgomery + Radford	VA	30	22	29	0	9	2
Pulaski	VA	11	8	23	0	2	2
Rockbridge + Buena Vista	VA	8	0	0	0	9	2
Russell	VA	3	4	14	0	2	1
Scott	VA	4	2	9	0	2	2
Smyth	VA	12	11	34	0	2	2
Tazewell	VA	13	13	28	8	2	2
Washington + Bristol city	VA	27	16	33	17	2	2
Wise + Norton city	VA	9	5	13	7	2	1
Wythe	VA	11	9	34	0	2	2
Barbour	WV	3	4	25	0	1	1
Berkeley	WV	22	26	37	12	2	2
Boone	WV	4	8	31	0	2	1

**TABLE A1-C:  
Full Time Dentists in the County per ADA**

Braxton	WV	3	4	30	0	1	1
Brooke	WV	6	5	19	0	2	2
Cabell	WV	52	45	48	0	2	2
Calhoun	WV	1	1	13	0	1	1
Clay	WV	1	1	9	0	1	1
Doddridge	WV	1	0	0	0	1	2
Fayette	WV	15	10	21	11	2	1
Gilmer	WV	1	1	14	0	1	1
Grant	WV	4	4	36	3	1	2
Greenbrier	WV	15	16	45	0	2	2
Hampshire	WV	2	4	21	0	2	2
Hancock	WV	8	15	44	0	2	2
Hardy	WV	2	2	17	0	2	2
Harrison	WV	27	29	41	16	2	2
Jackson	WV	7	6	21	0	2	2
Jefferson	WV	7	8	19	0	2	3
Kanawha	WV	107	103	51	47	2	2
Lewis	WV	3	3	17	0	2	1
Lincoln	WV	3	4	18	0	1	1
Logan	WV	6	5	12	4	2	1
McDowell	WV	4	2	7	0	1	1
Marion	WV	16	18	32	19	2	2
Marshall	WV	8	7	20	2	2	2
Mason	WV	7	6	23	0	2	1
Mercer	WV	24	22	34	0	2	2
Mineral	WV	10	4	15	8	2	2
Mingo	WV	3	2	6	0	1	1
Monongalia	WV	26	43	55	7	2	2
Monroe	WV	1	1	8	0	2	2
Morgan	WV	3	2	15	0	2	2
Nicholas	WV	6	5	18	0	2	1
Ohio	WV	39	35	72	23	2	2
Pendleton	WV	5	5	62	6	2	2
Pleasants	WV	3	4	54	2	2	2
Pocahontas	WV	5	4	43	0	2	1
Preston	WV	4	5	17	0	1	2
Putnam	WV	8	11	21	8	2	3

**TABLE A1-C:  
Full Time Dentists in the County per ADA**

Raleigh	WV	25	30	38	9	2	1
Randolph	WV	8	7	24	8	2	1
Ritchie	WV	2	2	19	0	2	1
Roane	WV	4	3	20	7	2	1
Summers	WV	3	2	15	0	1	1
Taylor	WV	2	2	13	0	2	1
Tucker	WV	2	1	13	0	2	2
Tyler	WV	2	0	0	0	2	2
Upshur	WV	7	6	26	0	2	1
Wayne	WV	9	7	17	0	1	2
Webster	WV	2	2	20	0	1	1
Wetzel	WV	11	8	44	0	2	1
Wirt	WV	2	1	18	0	2	1
Wood	WV	32	29	33	19	2	2
Wyoming	WV	5	5	18	2	1	1
Appalachian Average							

AMA refers to data from the American Medical Association Physician Masterfiles

AOA refers to the American Osteopathic Association

ADA refers to the American Dental Association

Dentists refer to full-time dentists in private practice

Physicians refer to non-federal physicians involved in direct patient care

ARC Economic Status: 1=distressed, 2=transitional, 3=competitive, 4=attainment

The 1990 county economic status is shown as "9" if the county was not included in the Appalachian Region until fiscal year 1998.

## **Section B. Availability of Hospital Services by County in 1994 and 2000**

**Table A-2:** Emergency Service  
Surgical Services  
Obstetrics  
Mammogram Services  
Ultrasound Services  
CT Scanner Services  
MRI Diagnostic Services  
Home Health Care  
Skilled Nursing Services  
Hospice Services  
Outpatient Drug and Alcohol Treatment  
Psychiatric Services  
Oncology Services



TABLE A-2

COUNTY	ST	County Emergency Services		County Surgical Services		County Obstetric Services		County Mamography Services		County Ultrasound Services		County CT Scanner Services		Economic Condition of the County	
		A local provider in 1994 had	A local provider in 2000 had	A local provider in 1994 had	A local provider in 2000 had	A local provider in 1994 had	A local provider in 2000 had	A local provider in 1994 had	A local provider in 2000 had	A local provider in 1994 had	A local provider in 2000 had	A local provider in 1994 had	A local provider in 2000 had	ARC Economic Status in 1990	ARC Economic Status in 2000
		Emergency Dpt	Emergency Dpt.	Surgical services	Surgical services	OB services	Obstetrics	Mamography	Mamography	Ultrasound	Ultrasound	CT scanner	Cat Scanner		
Bibb	AL	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes	1	2
Blount	AL	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Calhoun	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Chambers	AL	Yes	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	2	2
Cherokee	AL	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	1	2
Chilton	AL	Yes	NA	No	Yes	No	NA	Yes	NA	Yes	NA	Yes	NA	1	2
Clay	AL	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	1	2
Cleburne	AL	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Colbert	AL	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Coosa	AL	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Cullman	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
De Kalb	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Elmore	AL	Yes	NA	Yes	Yes	No	NA	No	NA	Yes	NA	Yes	NA	2	2
Etowah	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Fayette	AL	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Franklin	AL	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	2	2
Hale	AL	NA	NA	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	NA	9	1
Jackson	AL	Yes	NA	Yes	Yes	Yes	NA	No	NA	Yes	NA	Yes	NA	2	2
Jefferson	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Lamar	AL	Yes	No	No	No	No	No	Yes	No	Yes	No	Yes	No	2	2
Lauderdale	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Lawrence	AL	Yes	Yes	Yes	Yes	No	NA	Yes	NA	Yes	NA	Yes	NA	1	2
Limestone	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Macon	AL	Yes	No	Yes	No	No	No	No	No	Yes	No	Yes	No	9	1
Madison	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	3
Marion	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Marshall	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Morgan	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	3
Pickens	AL	NA	NA	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	NA	1	1
Randolph	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	2
Shelby	AL	No	NA	Yes	Yes	No	NA	No	NA	No	NA	No	NA	2	4
St. Clair	AL	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	2	2
Talladega	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	2
Tallapoosa	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Tuscaloosa	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Walker	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Winston	AL	Yes	NA	Yes	Yes	No	No	No	NA	Yes	NA	Yes	NA	2	2
Banks	GA	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Barrow	GA	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	2	2
Bartow	GA	NA	NA	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	NA	2	2
Carroll	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Catoosa	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Chattooga	GA	Yes	No	No	No	No	No	No	No	Yes	No	No	No	2	2
Cherokee	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3	4
Dade	GA	NA	NA	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	NA	2	2
Dawson	GA	No	No	No	No	No	No	No	No	No	No	No	No	2	3
Douglas	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	4	3
Elbert	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9	1
Fannin	GA	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	2	2
Floyd	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Forsyth	GA	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	3	4
Franklin	GA	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	2	2
Gilmer	GA	Yes	NA	Yes	Yes	No	NA	Yes	NA	Yes	NA	Yes	NA	2	2
Gordon	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Gwinnett	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	4	4
Habersham	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	3
Hall	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3	3
Haralson	GA	Yes	No	Yes	Yes	No	No	Yes	No	No	No	Yes	Yes	2	2
Hart	GA	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	9	2
Heard	GA	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Jackson	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Lumpkin	GA	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Madison	GA	No	No	No	No	No	No	No	No	No	No	No	No	2	2

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Murray	GA	NA	Yes	Yes	Yes	NA	No	NA	Yes	NA	Yes	NA	Yes	2	2
Paulding	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Pickens	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	3
Polk	GA	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Rabun	GA	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	2	2
Stephens	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Towns	GA	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Union	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Walker	GA	No	No	No	No	No	No	No	No	No	No	No	No	2	2
White	GA	No	No	No	No	No	No	No	No	No	No	No	No	2	3
Whitfield	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3	3
Adair	KY	NA	Yes	No	Yes	NA	No	NA	Yes	NA	NA	No	NA	2	1
Bath	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Bell	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Boyd	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Breathitt	KY	No	Yes	No	Yes	No	No	No	Yes	No	Yes	No	Yes	1	1
Carter	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Casey	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Clark	KY	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Clay	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	1	1
Clinton	KY	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	1	1
Cumberland	KY	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	2	1
Elliott	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Estill	KY	Yes	Yes	Yes	No	No	No	Yes	No	Yes	Yes	Yes	Yes	1	1
Fleming	KY	NA	Yes	Yes	Yes	NA	No	NA	Yes	NA	Yes	NA	Yes	2	2
Floyd	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Garrard	KY	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Green	KY	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Greenup	KY	Yes	No	Yes	No	No	No	Yes	No	Yes	No	Yes	No	2	2
Harlan	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Jackson	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Johnson	KY	NA	NA	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	NA	1	1
Knott	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Knox	KY	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	2	1
Laurel	KY	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	2	2
Lawrence	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Lee	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Leslie	KY	Yes	NA	Yes	Yes	Yes	NA	No	NA	Yes	NA	Yes	NA	1	1
Letcher	KY	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	1	1
Lewis	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Lincoln	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Madison	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Magoffin	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Martin	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
McCreary	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Menifee	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Monroe	KY	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Montgomery	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	2
Morgan	KY	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	No	Yes	1	1
Owsley	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Perry	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Pike	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Powell	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Pulaski	KY	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	1	2
Rockcastle	KY	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Rowan	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Russell	KY	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Wayne	KY	Yes	NA	Yes	Yes	No	NA	Yes	NA	Yes	NA	Yes	NA	1	1
Whitley	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Wolfe	KY	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Allegany	MD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Garrett	MD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Washington	MD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Alcorn	MS	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	2	1
Benton	MS	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Calhoun	MS	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	2	2
Chickasaw	MS	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	1	1

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Choctaw	MS	Yes	Yes	No	No	No	No	No	No	Yes	No	No	No	1	1
Clay	MS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Itawamba	MS	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Kemper	MS	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Lee	MS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Lowndes	MS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Marshall	MS	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	1	1
Monroe	MS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Noxubee	MS	Yes	Yes	Yes	No	No	Yes	No	Yes	No	No	No	No	1	1
Oktibbeha	MS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Pontotoc	MS	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	2	2
Prentiss	MS	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	2	2
Tippah	MS	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	1	2
Tishomingo	MS	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	2	1
Union	MS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Webster	MS	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	2	2
Winston	MS	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	1	1
Yalobusha	MS	No	No	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	9	1
Alexander	NC	Yes	No	Yes	No	No	No	Yes	No	Yes	No	Yes	No	4	3
Alleghany	NC	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Ashe	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	2	2
Avery	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Buncombe	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	3
Burke	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3	2
Caldwell	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Cherokee	NC	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Clay	NC	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Davie	NC	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	3	4
Forsyth	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3	4
Graham	NC	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Haywood	NC	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Henderson	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3	3
Jackson	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Macon	NC	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Madison	NC	No	No	No	No	No	No	No	No	No	No	No	No	2	2
McDowell	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Mitchell	NC	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Polk	NC	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	2	4
Rutherford	NC	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Stokes	NC	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Surry	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Swain	NC	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Transylvania	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Watauga	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Wilkes	NC	NA	NA	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	NA	2	2
Yadkin	NC	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Yancey	NC	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Allegany	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Broome	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3	3
Cattaraugus	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Chautauqua	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Chemung	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Chenango	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	2	2
Cortland	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Delaware	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Otsego	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Schoharie	NY	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Schuyler	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Steuben	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Tioga	NY	No	No	No	No	No	No	No	No	No	No	No	No	3	2
Tompkins	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Adams	OH	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	1	1
Athens	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Belmont	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Brown	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Carroll	OH	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Clermont	OH	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	3

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Columbiana	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Coshocton	OH	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	2	2
Gallia	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Guernsey	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Harrison	OH	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Highland	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Hocking	OH	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Holmes	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Jackson	OH	NA	No	Yes	No	NA	No	NA	No	NA	No	NA	No	NA	No	2	2
Jefferson	OH	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Lawrence	OH	NA	No	Yes	No	NA	No	NA	No	NA	No	NA	No	NA	No	2	2
Meigs	OH	Yes	No	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Monroe	OH	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	1
Morgan	OH	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	1
Muskingum	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Noble	OH	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Perry	OH	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Pike	OH	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Ross	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Scioto	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Tuscarawas	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Vinton	OH	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	1
Washington	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Allegheny	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	4
Armstrong	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Beaver	PA	Yes	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	NA	2	2
Bedford	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Blair	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Bradford	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Butler	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	3
Cambria	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Cameron	PA	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Carbon	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Centre	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Clarion	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Clearfield	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Clinton	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Columbia	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Crawford	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Elk	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Erie	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Fayette	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Forest	PA	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Fulton	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Greene	PA	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Huntingdon	PA	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Indiana	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Jefferson	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Juniata	PA	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Lackawanna	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Lawrence	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Luzerne	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Lycoming	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
McKean	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Mercer	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Mifflin	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Monroe	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3	2
Montour	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3	3
Northumberland	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3	2
Perry	PA	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Pike	PA	No	No	No	No	No	No	No	No	No	No	No	No	No	No	3	2
Potter	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Schuylkill	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Snyder	PA	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Somerset	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Sullivan	PA	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Susquehanna	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2

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Tioga	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Union	PA	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	2	2	
Venango	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Warren	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	3	
Washington	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Wayne	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Westmoreland	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Wyoming	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	2	2	
Anderson	SC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Cherokee	SC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Greenville	SC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3	4	
Oconee	SC	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	2	3	
Pickens	SC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3	2	
Spartanburg	SC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	3	
Anderson	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Bledsoe	TN	NA	NA	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	NA	2	2	
Blount	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Bradley	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Campbell	TN	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	1	1	
Cannon	TN	Yes	NA	Yes	Yes	No	NA	Yes	NA	Yes	NA	Yes	NA	2	2	
Carter	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Claiborne	TN	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Clay	TN	Yes	NA	Yes	Yes	No	NA	No	NA	Yes	NA	Yes	NA	2	1	
Cocke	TN	Yes	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	1	1	
Coffee	TN	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	2	2	
Cumberland	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	2	
De Kalb	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Fentress	TN	Yes	NA	Yes	Yes	No	NA	Yes	NA	Yes	NA	Yes	NA	1	1	
Franklin	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Grainger	TN	No	No	No	No	No	No	No	No	No	No	No	No	1	2	
Greene	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Grundy	TN	No	No	No	No	No	No	No	No	No	No	No	No	1	1	
Hamblen	TN	Yes	NA	Yes	Yes	No	NA	Yes	NA	Yes	NA	Yes	NA	2	2	
Hamilton	TN	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	2	4	
Hancock	TN	No	No	No	No	No	No	No	No	No	No	No	No	1	1	
Hawkins	TN	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Jackson	TN	NA	No	Yes	No	NA	No	NA	No	NA	No	NA	No	1	2	
Jefferson	TN	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	2	2	
Johnson	TN	No	No	No	No	No	No	No	No	No	No	No	No	1	1	
Knox	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Loudon	TN	Yes	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	2	2	
Macon	TN	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	2	2	
Marion	TN	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	1	2	
McMinn	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Meigs	TN	No	No	No	No	No	No	No	No	No	No	No	No	2	1	
Monroe	TN	NA	NA	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	NA	1	2	
Morgan	TN	No	No	No	No	No	No	No	No	No	No	No	No	1	2	
Overton	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	2	
Pickett	TN	No	No	No	No	No	No	No	No	No	No	No	No	1	1	
Polk	TN	Yes	NA	No	Yes	No	NA	No	NA	Yes	NA	Yes	NA	1	2	
Putnam	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Rhea	TN	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	2	2	
Roane	TN	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Scott	TN	Yes	NA	Yes	Yes	Yes	NA	No	NA	Yes	NA	Yes	NA	1	1	
Sequatchie	TN	No	No	No	No	No	No	No	No	No	No	No	No	2	2	
Sevier	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Smith	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Sullivan	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Unicoi	TN	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Union	TN	No	No	No	No	No	No	No	No	No	No	No	No	2	2	
Van Buren	TN	No	No	No	No	No	No	No	No	No	No	No	No	2	2	
Warren	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	2	2	
Washington	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
White	TN	NA	NA	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	NA	2	2	
Alleghany + Clifton	VA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2	
Bath	VA	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	No	2	2	
Bland	VA	No	No	No	No	No	No	No	No	No	No	No	No	2	2	

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Botetourt	VA	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	4	3
Buchanan	VA	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Carroll + Galax city	VA	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Craig	VA	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Dickenson	VA	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Floyd	VA	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	2	2
Giles	VA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Grayson	VA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Highland	VA	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Lee	VA	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	1	1
Montgomery + Radf	VA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9	2
Pulaski	VA	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	2	2
Rockbridge + Buen	VA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9	2
Russell	VA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Scott	VA	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Smyth	VA	Yes	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	NA	2	2
Tazewell	VA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Washington + Brist	VA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Wise + Norton city	VA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Wythe	VA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Barbour	WV	NA	Yes	Yes	No	NA	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	1	1
Berkeley	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Boone	WV	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Braxton	WV	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Brooke	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Cabell	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Calhoun	WV	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Clay	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Doddridge	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	1	2
Fayette	WV	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Gilmer	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Grant	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	2
Greenbrier	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Hampshire	WV	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Hancock	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Hardy	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Harrison	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Jackson	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Jefferson	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	3
Kanawha	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Lewis	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Lincoln	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	1	1
Logan	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Marion	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Marshall	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Mason	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
McDowell	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Mercer	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Mineral	WV	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	2	2
Mingo	WV	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Monongalia	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Monroe	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Morgan	WV	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	2	2
Nicholas	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Ohio	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Pendleton	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Pleasants	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2
Pocahontas	WV	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	2	1
Preston	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	2
Putnam	WV	NA	Yes	Yes	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	2	3
Raleigh	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Randolph	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Ritchie	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	1
Roane	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Summers	WV	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1	1
Taylor	WV	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Tucker	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	2	2

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Tyler	WV	Yes	Yes	Yes	No	No	No	No	Yes	No	Yes	No	No	2	2
Upshur	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Wayne	WV	No	No	No	No	No	No	No	No	No	No	No	No	1	2
Webster	WV	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	1	1
Wetzel	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	1
Wirt	WV	No	No	No	No	No	No	No	No	No	No	No	No	2	1
Wood	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2	2
Wyoming	WV	No	No	No	No	No	No	No	No	No	No	No	No	1	1

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COUNTY	ST	County MRI Services		County Hospice Services		Drug and Alcohol Treatment		County Psychiatric Services		County Oncology Services		County Home Health Services		Skilled Nursing SNF Beds in the County in 1999 per ARF	Economic Condition of the County	
		A local provider in 1994 had MRI services	A local provider in 2000 had MRI Services	A local provider in 1994 had Hospice Services	A local provider in 2000 had Hospice Services	A local provider had 1994 serv. Drug and Alc.	A local provider for had 2000 serv. for Drug and Alc.	A local provider in 1994 had Psychiatric serv.	A local provider in 2000 had Psychiatric serv.	A local provider in 1994 had Oncology	A local provider in 2000 had Oncology	A local provider in 1994 had Home Health	A local provider in 2000 had Home Health		ARC Economic Status in 1990	ARC Economic Status in 2000
Bibb	AL	No	No	No	No	No	No	No	No	No	No	Yes	Yes	113	1	2
Blount	AL	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	223	2	2
Calhoun	AL	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	647	2	2
Chambers	AL	Yes	NA	Yes	NA	Yes	NA	No	NA	Yes	NA	Yes	Yes	290	2	2
Cherokee	AL	No	No	No	Yes	No	No	No	No	No	No	Yes	Yes	153	1	2
Chilton	AL	No	NA	No	NA	No	NA	No	NA	No	NA	Yes	Yes	121	1	2
Clay	AL	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	170	1	2
Cleburne	AL	No	No	No	No	No	No	No	No	No	No	No	No	65	2	2
Colbert	AL	Yes	Yes	No	No	Yes	No	No	No	No	Yes	No	Yes	302	2	2
Coosa	AL	No	No	No	No	No	No	No	No	No	No	No	No	42	2	2
Cullman	AL	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	535	2	2
De Kalb	AL	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	435	2	2
Elmore	AL	Yes	NA	No	NA	Yes	NA	No	NA	No	NA	Yes	Yes	325	2	2
Etowah	AL	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	848	2	2
Fayette	AL	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	No	Yes	Yes	122	2	2
Franklin	AL	No	No	No	No	No	No	No	No	No	No	Yes	Yes	250	2	2
Hale	AL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes	Yes	170	9	1
Jackson	AL	No	NA	No	NA	No	NA	No	NA	No	NA	Yes	Yes	268	2	2
Jefferson	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3729	2	2
Lamar	AL	No	No	No	No	No	No	No	No	No	No	Yes	Yes	158	2	2
Lauderdale	AL	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	No	582	2	2
Lawrence	AL	No	NA	Yes	NA	No	NA	No	NA	No	NA	Yes	Yes	136	1	2
Limestone	AL	No	Yes	No	Yes	No	No	No	No	No	No	Yes	Yes	299	2	2
Macon	AL	Yes	No	No	No	Yes	No	Yes	No	Yes	No	Yes	No	219	9	1
Madison	AL	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	866	2	3
Marion	AL	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	243	2	2
Marshall	AL	No	Yes	Yes	No	No	No	No	No	Yes	No	Yes	Yes	530	2	2
Morgan	AL	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	634	2	3
Pickens	AL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes	Yes	175	1	1
Randolph	AL	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes	172	1	2
Shelby	AL	No	NA	No	NA	Yes	NA	No	NA	No	NA	Yes	No	361	2	4
St. Clair	AL	No	Yes	No	No	No	No	No	No	No	No	Yes	Yes	329	2	2
Talladega	AL	Yes	Yes	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	444	1	2
Tallapoosa	AL	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	528	2	2
Tuscaloosa	AL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	773	2	2
Walker	AL	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	526	2	2
Winston	AL	Yes	NA	Yes	NA	No	NA	No	NA	No	NA	Yes	Yes	207	2	2
Banks	GA	No	No	No	No	No	No	No	No	No	No	No	No	116	2	2
Barrow	GA	NA	Yes	NA	No	NA	No	NA	NA	No	NA	No	No	163	2	2
Bartow	GA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	No	No	416	2	2
Carroll	GA	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	No	Yes	443	2	2
Catoosa	GA	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	255	2	2
Chattooga	GA	No	No	No	No	No	No	No	No	No	No	No	No	151	2	2
Cherokee	GA	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No	371	3	4
Dade	GA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	No	No	71	2	2
Dawson	GA	No	No	No	No	No	No	No	No	No	No	No	No	0	2	3
Douglas	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	246	4	3
Elbert	GA	No	Yes	No	Yes	No	No	No	No	No	No	No	No	60	9	1
Fannin	GA	NA	Yes	NA	Yes	NA	No	NA	No	NA	No	No	No	101	2	2
Floyd	GA	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	700	2	2
Forsyth	GA	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	No	Yes	Yes	237	3	4
Franklin	GA	No	Yes	No	Yes	No	No	No	No	No	No	Yes	Yes	260	2	2
Gilmer	GA	Yes	NA	No	NA	No	NA	No	NA	No	NA	No	No	0	2	2
Gordon	GA	Yes	Yes	No	No	No	No	No	No	No	Yes	No	Yes	217	2	2
Gwinnett	GA	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	1148	4	4
Habersham	GA	Yes	Yes	No	Yes	No	No	No	No	No	No	No	Yes	84	2	3
Hall	GA	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	581	3	3
Haralson	GA	No	No	No	Yes	No	No	No	No	No	No	No	Yes	242	2	2
Hart	GA	No	No	No	No	No	No	No	Yes	No	Yes	No	No	209	9	2
Hard	GA	No	No	No	No	No	No	No	No	No	No	No	No	78	2	2
Jackson	GA	No	No	No	No	No	No	No	No	No	No	No	No	0	2	2
Lumpkin	GA	No	Yes	No	Yes	No	No	No	No	No	No	No	No	102	2	2
Madison	GA	No	No	No	No	No	No	No	No	No	No	No	No	0	2	2



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Murray	GA	NA	Yes	NA	No	NA	No	NA	No	NA	No	No	Yes	120	2	2
Paulding	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	182	2	2
Pickens	GA	No	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes	60	2	3
Polk	GA	No	No	No	No	No	No	No	No	No	No	Yes	No	289	2	2
Rabun	GA	No	No	Yes	Yes	Yes	No	Yes	No	No	No	Yes	Yes	117	2	2
Stephens	GA	Yes	Yes	No	Yes	No	No	No	No	No	No	No	Yes	181	2	2
Towns	GA	No	No	Yes	Yes	No	No	No	No	No	No	Yes	Yes	0	2	2
Union	GA	No	Yes	No	Yes	No	No	No	No	No	Yes	No	Yes	0	2	2
Walker	GA	No	No	No	No	No	No	No	No	No	No	No	No	340	2	2
White	GA	No	No	No	No	No	No	No	No	No	No	No	Yes	149	2	3
Whitfield	GA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	430	3	3
Adair	KY	NA	No	NA	No	NA	Yes	NA	No	NA	No	No	Yes	104	2	1
Bath	KY	No	No	No	No	No	No	No	No	No	No	No	No	99	1	1
Bell	KY	Yes	No	Yes	No	No	No	No	No	No	No	Yes	Yes	239	1	1
Boyd	KY	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	180	2	2
Breathitt	KY	No	Yes	No	Yes	No	No	No	No	No	Yes	No	Yes	122	1	1
Carter	KY	No	No	No	No	No	No	No	No	No	No	No	No	120	1	1
Casey	KY	No	No	No	No	No	No	No	No	No	No	No	No	90	1	1
Clark	KY	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No	Yes	212	2	2
Clay	KY	No	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes	122	1	1
Clinton	KY	No	No	No	No	No	No	No	No	No	No	No	No	52	1	1
Cumberland	KY	No	No	No	No	No	No	No	No	No	No	No	No	84	2	1
Elliott	KY	No	No	No	No	No	No	No	No	No	No	No	No	60	1	1
Estill	KY	No	No	No	No	No	No	No	No	No	No	No	No	78	1	1
Fleming	KY	NA	No	NA	Yes	NA	No	NA	No	NA	Yes	No	No	89	2	2
Floyd	KY	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	218	1	1
Garrard	KY	No	No	No	No	No	No	No	No	No	No	No	No	96	2	2
Green	KY	No	No	No	No	No	No	No	Yes	No	Yes	No	No	138	2	1
Greenup	KY	Yes	No	No	No	No	No	No	No	Yes	No	Yes	No	271	2	2
Harlan	KY	Yes	Yes	Yes	No	No	No	Yes	Yes	No	No	Yes	Yes	253	1	1
Jackson	KY	No	No	No	No	No	No	No	No	No	No	No	No	50	1	1
Johnson	KY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	No	Yes	116	1	1
Knott	KY	No	No	No	No	No	No	No	No	No	No	No	No	82	1	1
Knox	KY	No	No	No	No	No	No	No	No	No	No	Yes	Yes	135	2	1
Laurel	KY	No	Yes	No	Yes	No	No	No	No	Yes	Yes	No	Yes	387	2	2
Lawrence	KY	Yes	Yes	Yes	No	No	No	Yes	Yes	No	No	Yes	Yes	104	1	1
Lee	KY	No	No	No	No	No	No	No	No	No	No	No	No	124	1	1
Leslie	KY	No	NA	No	NA	No	NA	No	NA	No	NA	Yes	Yes	79	1	1
Letcher	KY	Yes	Yes	Yes	No	No	No	No	Yes	No	Yes	Yes	Yes	152	1	1
Lewis	KY	No	No	No	No	No	No	No	No	No	No	No	No	94	1	1
Lincoln	KY	No	No	No	No	No	No	No	No	No	No	No	No	128	1	1
Madison	KY	No	Yes	No	No	No	No	No	No	No	No	No	Yes	375	2	2
Magoffin	KY	No	No	No	No	No	No	No	No	No	No	No	No	147	1	1
Martin	KY	No	No	No	No	No	No	No	No	No	No	No	No	60	1	1
McCreary	KY	No	No	No	No	No	No	No	No	No	No	No	No	60	1	1
Menifee	KY	No	No	No	No	No	No	No	No	No	No	No	No	60	1	1
Monroe	KY	No	No	No	No	No	No	No	No	No	No	Yes	Yes	102	2	1
Montgomery	KY	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	No	Yes	144	1	2
Morgan	KY	No	No	Yes	Yes	No	No	No	No	No	No	Yes	Yes	73	1	1
Owsley	KY	No	No	No	No	No	No	No	No	No	No	No	No	91	1	1
Perry	KY	Yes	Yes	Yes	No	No	No	Yes	No	Yes	Yes	Yes	Yes	200	1	1
Pike	KY	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	500	1	1
Powell	KY	No	No	No	No	No	No	No	No	No	No	No	No	81	1	1
Pulaski	KY	NA	Yes	NA	Yes	NA	Yes	NA	No	NA	Yes	No	Yes	380	1	2
Rockcastle	KY	No	No	No	No	No	No	No	No	No	No	No	Yes	164	1	1
Rowan	KY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	107	2	1
Russell	KY	No	No	No	No	No	No	No	No	No	No	No	No	114	1	1
Wayne	KY	No	NA	No	NA	No	NA	No	NA	No	NA	No	No	59	1	1
Whitley	KY	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	321	1	1
Wolfe	KY	No	No	No	No	No	No	No	No	No	No	No	No	100	1	1
Allegany	MD	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	923	2	2
Garrett	MD	No	No	Yes	Yes	No	Yes	No	No	No	Yes	No	Yes	336	2	2
Washington	MD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1096	2	2
Alcorn	MS	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	240	2	1
Benton	MS	No	No	No	No	No	No	No	No	No	No	No	Yes	60	1	1
Calhoun	MS	No	No	No	No	No	No	No	No	No	No	No	Yes	0	2	2
Chickasaw	MS	No	Yes	No	Yes	No	No	No	No	No	No	No	Yes	0	1	1

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Choctaw	MS	No	No	No	Yes	Yes	No	No	No	No	No	Yes	No	0	1	1
Clay	MS	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No	No	120	1	1
Itawamba	MS	No	No	No	No	No	No	No	No	No	No	No	No	190	2	2
Kemper	MS	No	No	No	No	No	No	No	No	No	No	No	No	81	1	1
Lee	MS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	337	2	2
Lowndes	MS	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	Yes	213	2	2
Marshall	MS	No	No	Yes	No	No	No	No	Yes	No	No	Yes	No	120	1	1
Monroe	MS	No	Yes	No	No	No	No	No	No	No	No	No	No	256	2	1
Noxubee	MS	No	No	No	No	No	No	No	No	No	No	No	No	0	1	1
Oktibbeha	MS	Yes	Yes	No	Yes	No	No	No	No	No	No	No	No	119	2	1
Pontotoc	MS	Yes	No	No	Yes	Yes	No	No	No	No	No	No	Yes	10	2	2
Prentiss	MS	No	Yes	No	No	No	No	No	No	No	No	No	Yes	0	2	2
Tippah	MS	No	No	No	Yes	No	No	No	No	No	No	No	No	220	1	2
Tishomingo	MS	No	No	No	Yes	No	No	No	No	No	No	No	Yes	186	2	1
Union	MS	Yes	Yes	No	No	No	No	No	No	Yes	No	No	Yes	12	2	2
Webster	MS	No	No	Yes	Yes	No	No	No	No	No	No	No	Yes	109	2	2
Winston	MS	No	No	No	No	No	No	No	No	No	No	Yes	Yes	180	1	1
Yalobusha	MS	No	No	No	No	No	No	No	No	No	No	No	No	0	9	1
Alexander	NC	No	No	No	No	No	No	No	No	No	No	No	Yes	183	4	3
Alleghany	NC	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	90	2	2
Ashe	NC	Yes	Yes	No	No	No	No	No	No	No	No	No	No	180	2	2
Avery	NC	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No	128	2	2
Buncombe	NC	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	1592	2	3
Burke	NC	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	456	3	2
Caldwell	NC	Yes	Yes	No	No	No	No	No	Yes	No	Yes	Yes	Yes	410	2	2
Cherokee	NC	Yes	Yes	No	No	No	No	No	No	No	No	No	No	196	2	2
Clay	NC	No	No	No	No	No	No	No	No	No	No	No	Yes	80	2	2
Davie	NC	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes	223	3	4
Forsyth	NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1659	3	4
Graham	NC	No	No	No	No	No	No	No	No	No	No	No	No	80	1	1
Haywood	NC	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	441	2	2
Henderson	NC	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	850	3	3
Jackson	NC	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	190	2	2
Macon	NC	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes	270	2	2
Madison	NC	No	No	No	No	No	No	No	No	No	No	No	Yes	180	2	2
McDowell	NC	No	Yes	No	Yes	No	No	No	Yes	Yes	Yes	No	Yes	220	2	2
Mitchell	NC	No	No	Yes	Yes	No	No	No	Yes	Yes	No	Yes	Yes	127	2	2
Polk	NC	No	No	Yes	Yes	No	No	No	Yes	No	No	Yes	No	221	2	4
Rutherford	NC	Yes	Yes	No	No	No	No	No	Yes	No	Yes	Yes	Yes	420	2	2
Stokes	NC	No	No	Yes	Yes	No	Yes	No	No	No	No	No	Yes	322	2	2
Surry	NC	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	431	2	2
Swain	NC	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	180	1	1
Transylvania	NC	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	247	2	2
Watauga	NC	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	186	2	2
Wilkes	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes	Yes	417	2	2
Yadkin	NC	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	No	Yes	Yes	223	2	2
Yancey	NC	No	No	No	No	No	No	No	No	No	No	No	No	120	2	2
Allegany	NY	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	361	2	2
Broome	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1720	3	3
Cattaraugus	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	574	2	2
Chautauqua	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1314	2	2
Chemung	NY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	738	2	2
Chenango	NY	No	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	564	2	2
Cortland	NY	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes	402	2	2
Delaware	NY	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	443	2	2
Otsego	NY	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	385	2	2
Schoharie	NY	No	No	Yes	Yes	No	No	No	Yes	No	No	Yes	Yes	125	2	2
Schuyler	NY	No	No	No	No	Yes	No	No	No	No	No	No	Yes	120	2	2
Steuben	NY	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	701	2	2
Tioga	NY	No	No	No	No	No	No	No	No	No	No	No	Yes	290	3	2
Tompkins	NY	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	555	2	2
Adams	OH	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes	254	1	1
Athens	OH	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes	No	Yes	345	2	1
Belmont	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	831	2	2
Brown	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	406	2	2
Carroll	OH	No	No	No	No	No	No	No	No	No	No	No	Yes	226	2	2
Clermont	OH	Yes	Yes	Yes	No	No	No	No	Yes	Yes	No	Yes	Yes	930	2	3

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Columbiana	OH	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	927	2	2
Coshocton	OH	NA	Yes	NA	No	NA	No	NA	No	NA	Yes	Yes	Yes	431	2	2
Gallia	OH	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	286	2	1
Guernsey	OH	Yes	Yes	Yes	No	No	No	No	No	Yes	No	Yes	Yes	424	2	2
Harrison	OH	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes	156	2	2
Highland	OH	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	354	2	2
Hocking	OH	Yes	Yes	No	No	No	No	No	No	No	Yes	No	Yes	319	2	2
Holmes	OH	Yes	Yes	No	No	NA	No	No	No	No	No	Yes	No	346	2	2
Jackson	OH	NA	No	NA	No	NA	No	NA	No	NA	No	No	Yes	343	2	2
Jefferson	OH	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	930	2	2
Lawrence	OH	NA	No	NA	No	NA	No	NA	No	NA	No	No	Yes	635	2	2
Meigs	OH	No	No	No	No	No	No	No	No	Yes	No	Yes	Yes	260	2	1
Monroe	OH	No	No	No	No	No	No	No	No	No	No	No	No	160	2	1
Morgan	OH	No	No	No	No	No	No	No	No	No	No	Yes	No	231	2	1
Muskingum	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1260	2	2
Noble	OH	No	No	No	No	No	No	No	No	No	No	No	Yes	150	2	2
Perry	OH	No	No	No	No	No	No	No	No	No	No	No	No	200	2	2
Pike	OH	No	No	No	Yes	No	No	No	No	No	No	No	Yes	352	1	1
Ross	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	452	2	2
Scioto	OH	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	1009	2	1
Tuscarawas	OH	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	801	2	2
Vinton	OH	No	No	No	No	No	No	No	No	No	No	No	Yes	122	2	1
Washington	OH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	571	2	2
Allegheny	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8831	2	4
Armstrong	PA	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	596	2	2
Beaver	PA	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	NA	Yes	Yes	1334	2	2
Bedford	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	205	2	2
Blair	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1204	2	2
Bradford	PA	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	479	2	2
Butler	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1636	2	3
Cambria	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1084	2	2
Cameron	PA	No	No	No	No	No	No	No	No	No	No	No	No	40	2	2
Carbon	PA	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	441	2	2
Centre	PA	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	695	2	2
Clarion	PA	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	No	Yes	350	2	2
Clearfield	PA	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	816	2	2
Clinton	PA	Yes	Yes	Yes	No	No	No	Yes	Yes	No	No	Yes	Yes	329	2	2
Columbia	PA	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	844	2	2
Crawford	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	843	2	2
Elk	PA	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	No	Yes	258	2	2
Erie	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2232	2	2
Fayette	PA	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	731	2	1
Forest	PA	No	No	No	No	No	No	No	No	No	No	No	No	100	2	2
Fulton	PA	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes	57	2	2
Greene	PA	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	252	2	1
Huntingdon	PA	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	No	305	2	2
Indiana	PA	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	607	2	2
Jefferson	PA	No	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	461	2	2
Juniata	PA	No	No	No	No	No	No	No	No	No	No	No	No	254	2	2
Lackawanna	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2354	2	2
Lawrence	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	888	2	2
Luzerne	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	3048	2	2
Lycoming	PA	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	1169	2	2
McKean	PA	Yes	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	607	2	2
Mercer	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1164	2	2
Mifflin	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	417	2	2
Monroe	PA	Yes	Yes	No	No	Yes	No	No	No	Yes	Yes	Yes	Yes	422	3	2
Montour	PA	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	338	3	3
Northumberland	PA	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	1062	3	2
Perry	PA	No	No	No	No	No	No	No	No	No	No	No	No	243	2	2
Pike	PA	No	No	No	No	No	No	No	No	No	No	No	Yes	80	3	2
Potter	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	356	2	2
Schuylkill	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1748	2	2
Snyder	PA	No	No	No	No	No	No	No	No	No	No	No	No	197	2	2
Somerset	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	715	2	2
Sullivan	PA	No	No	No	No	No	No	No	No	No	No	No	No	190	2	2
Susquehanna	PA	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	261	2	2

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Tioga	PA	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	268	2	2
Union	PA	NA	No	NA	Yes	NA	No	NA	No	NA	Yes	No	Yes	427	2	2
Venango	PA	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	542	2	2
Warren	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	478	2	3
Washington	PA	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	1318	2	2
Wayne	PA	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	387	2	2
Westmoreland	PA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2416	2	2
Wyoming	PA	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	124	2	2
Anderson	SC	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	866	2	2
Cherokee	SC	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	217	2	2
Greenville	SC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1772	3	4
Oconee	SC	Yes	Yes	No	Yes	No	Yes	No	No	No	No	No	Yes	211	2	3
Pickens	SC	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	350	3	2
Spartanburg	SC	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1119	2	3
Anderson	TN	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	617	2	2
Bledsoe	TN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	No	No	0	2	2
Blount	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	692	2	2
Bradley	TN	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	487	2	2
Campbell	TN	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes	386	1	1
Cannon	TN	Yes	NA	No	NA	No	NA	No	NA	No	NA	Yes	No	0	2	2
Carter	TN	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	354	2	2
Claiborne	TN	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	350	2	2
Clay	TN	No	NA	No	NA	No	NA	No	NA	No	NA	Yes	Yes	9	2	1
Cocoe	TN	No	NA	No	NA	No	NA	No	NA	Yes	NA	Yes	Yes	270	1	1
Coffee	TN	Yes	No	No	No	No	No	Yes	No	No	Yes	Yes	Yes	300	2	2
Cumberland	TN	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	311	1	2
De Kalb	TN	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	107	2	2
Fentress	TN	No	NA	No	NA	Yes	NA	No	NA	No	NA	Yes	Yes	154	1	1
Franklin	TN	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	271	2	2
Grainger	TN	No	No	No	No	No	No	No	No	No	No	No	No	132	1	2
Greene	TN	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	426	2	2
Grundy	TN	No	No	No	No	No	No	No	No	No	No	No	No	150	1	1
Hamblen	TN	Yes	NA	No	NA	No	NA	No	NA	No	NA	Yes	Yes	373	2	2
Hamilton	TN	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	1912	2	4
Hancock	TN	No	No	No	No	No	No	No	No	No	No	Yes	Yes	0	1	1
Hawkins	TN	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes	274	2	2
Jackson	TN	NA	No	NA	No	NA	No	NA	No	NA	No	Yes	No	127	1	2
Jefferson	TN	No	No	Yes	Yes	No	No	No	No	No	No	No	Yes	307	2	2
Johnson	TN	No	No	No	No	No	No	No	No	No	No	No	Yes	120	1	1
Knox	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1689	2	2
Loudon	TN	Yes	NA	Yes	NA	No	NA	No	NA	Yes	NA	Yes	No	192	2	2
Macon	TN	No	Yes	No	No	No	No	No	No	No	No	No	No	162	2	2
Marion	TN	NA	Yes	NA	No	NA	Yes	NA	Yes	NA	No	No	Yes	165	1	2
McMinn	TN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	314	2	2
Meigs	TN	No	No	No	No	No	No	No	No	No	No	No	No	88	2	1
Monroe	TN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	No	Yes	89	1	2
Morgan	TN	No	No	No	No	No	No	No	No	No	No	No	No	124	1	2
Overton	TN	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes	Yes	15	1	2
Pickett	TN	No	No	No	No	No	No	No	No	No	No	No	No	69	1	1
Polk	TN	No	NA	No	NA	No	NA	No	NA	No	No	No	No	135	1	2
Putnam	TN	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	384	2	2
Rhea	TN	Yes	Yes	No	No	No	No	No	No	No	No	No	No	138	2	2
Roane	TN	Yes	Yes	Yes	No	Yes	No	No	No	Yes	No	Yes	No	477	2	2
Scott	TN	No	NA	No	NA	Yes	NA	No	NA	No	No	No	Yes	152	1	1
Sequatchie	TN	No	No	No	No	No	No	No	No	No	No	No	Yes	120	2	2
Sevier	TN	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	323	2	2
Smith	TN	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes	Yes	128	2	2
Sullivan	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	956	2	2
Unicoi	TN	Yes	Yes	Yes	Yes	No	No	No	No	Yes	No	Yes	Yes	177	2	2
Union	TN	No	No	No	No	No	No	No	No	No	No	No	No	77	2	2
Van Buren	TN	No	No	No	No	No	No	No	No	No	No	No	No	60	2	2
Warren	TN	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes	304	2	2
Washington	TN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	686	2	2
White	TN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	No	No	150	2	2
Alleghany + Cli	VA	Yes	Yes	Yes	No	No	No	No	No	Yes	No	Yes	Yes	60	2	2
Bath	VA	No	No	No	No	No	No	No	No	No	No	Yes	Yes	60	2	2
Bland	VA	No	No	No	No	No	No	No	No	No	No	No	No	57	2	2

TABLE A-2

Botetourt	VA	No	No	No	No	No	No	No	No	No	No	No	Yes	60	4	3
Buchanan	VA	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	120	1	1
Carroll + Galax	VA	No	No	No	No	No	No	No	No	No	No	No	Yes	240	2	2
Craig	VA	No	No	No	No	No	No	No	No	No	No	No	Yes	0	2	2
Dickenson	VA	Yes	No	No	No	No	No	No	No	No	No	Yes	Yes	100	2	1
Floyd	VA	Yes	No	No	No	No	No	Yes	No	Yes	No	Yes	No	0	2	2
Giles	VA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	0	2	2
Grayson	VA	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	120	2	2
Highland	VA	No	No	No	No	No	No	No	No	No	No	No	Yes	0	2	2
Lee	VA	NA	Yes	NA	No	NA	No	NA	Yes	NA	No	Yes	Yes	50	1	1
Montgomery +	VA	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	38	9	2
Pulaski	VA	No	Yes	No	No	No	No	No	No	No	No	No	Yes	204	2	2
Rockbridge + EVA	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes	Yes	60	9	2
Russell	VA	Yes	Yes	No	No	No	No	No	Yes	No	No	Yes	Yes	60	2	1
Scott	VA	No	No	No	No	No	No	No	No	No	No	Yes	No	180	2	2
Smyth	VA	Yes	NA	No	NA	No	NA	No	NA	No	No	No	Yes	196	2	2
Tazewell	VA	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	267	2	2
Washington + f	VA	No	Yes	No	Yes	No	No	No	No	No	Yes	No	Yes	120	2	2
Wise + Norton	VA	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	180	2	1
Wythe	VA	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	68	2	2
Barbour	WV	NA	No	NA	Yes	NA	No	NA	Yes	NA	Yes	No	Yes	120	1	1
Berkeley	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	139	2	2
Boone	WV	No	Yes	No	Yes	No	No	No	No	No	No	Yes	Yes	120	2	1
Braxton	WV	No	Yes	No	No	No	No	No	No	No	No	Yes	Yes	0	1	1
Brooke	WV	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	188	2	2
Cabell	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	469	2	2
Calhoun	WV	No	No	No	No	No	Yes	No	Yes	No	No	No	No	24	1	1
Clay	WV	No	No	No	No	No	No	No	No	No	No	Yes	No	60	1	1
Doddridge	WV	No	No	No	No	No	No	No	No	No	No	No	Yes	0	1	2
Fayette	WV	No	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes	429	2	1
Gilmer	WV	No	No	No	No	No	No	No	No	No	No	No	No	65	1	1
Grant	WV	No	Yes	Yes	Yes	No	Yes	Yes	No	Yes	No	Yes	Yes	120	1	2
Greenbrier	WV	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	224	2	2
Hampshire	WV	No	No	No	No	No	No	No	No	No	No	Yes	Yes	30	2	2
Hancock	WV	No	No	No	No	No	No	No	No	No	No	Yes	Yes	230	2	2
Hardy	WV	No	No	No	No	No	No	No	No	No	No	No	No	0	2	2
Harrison	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	438	2	2
Jackson	WV	Yes	No	No	No	No	No	No	No	No	No	No	Yes	120	2	2
Jefferson	WV	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	234	2	3
Kanawha	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	942	2	2
Lewis	WV	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	72	2	1
Lincoln	WV	No	No	No	No	No	No	No	No	No	No	No	Yes	0	1	1
Logan	WV	Yes	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	120	2	1
Marion	WV	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	371	2	2
Marshall	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	265	2	2
Mason	WV	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes	100	2	1
McDowell	WV	No	No	No	No	No	No	No	No	No	No	No	No	120	1	1
Mercer	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	230	2	2
Mineral	WV	No	No	Yes	Yes	No	No	No	No	Yes	No	Yes	Yes	188	2	2
Mingo	WV	No	Yes	No	No	No	No	No	No	No	Yes	No	No	120	1	1
Monongalia	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	422	2	2
Monroe	WV	No	No	No	No	No	No	No	No	No	No	No	No	0	2	2
Morgan	WV	No	No	Yes	Yes	No	No	No	No	No	No	Yes	Yes	122	2	2
Nicholas	WV	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes	52	2	1
Ohio	WV	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	462	2	2
Pendleton	WV	No	No	No	No	No	No	No	No	No	No	No	Yes	91	2	2
Pleasants	WV	No	No	No	No	No	No	No	No	No	No	No	No	0	2	2
Pocahontas	WV	No	No	Yes	No	No	No	No	No	No	No	Yes	Yes	0	2	1
Preston	WV	No	Yes	No	Yes	Yes	No	No	No	No	No	Yes	Yes	120	1	2
Putnam	WV	NA	Yes	NA	No	NA	No	NA	No	NA	No	Yes	No	244	2	3
Raleigh	WV	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	402	2	1
Randolph	WV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	238	2	1
Ritchie	WV	No	No	No	No	No	No	No	No	No	No	No	No	0	2	1
Roane	WV	No	Yes	No	No	No	No	No	No	No	No	Yes	Yes	9	2	1
Summers	WV	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes	24	1	1
Taylor	WV	No	Yes	Yes	No	No	No	No	No	Yes	No	No	Yes	137	2	1
Tucker	WV	No	No	No	No	No	No	No	No	No	No	No	No	94	2	2

TABLE A-2

Tyler	WV	No	No	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes	68	2	2
Upshur	WV	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	136	2	1
Wayne	WV	No	No	No	No	No	No	No	No	No	No	No	No	Yes	60	1	2
Webster	WV	Yes	No	Yes	No	No	No	Yes	No	Yes	No	No	No	Yes	120	1	1
Wetzel	WV	No	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes	130	2	1
Wirt	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	0	2	1
Wood	WV	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	475	2	2
Wyoming	WV	No	No	No	No	No	No	No	No	No	No	No	No	No	60	1	1

\*\*NA (not available) indicates that a hospital in the county did not respond to that question on the AHA survey and no other hospital in the county indicated that they offered the service

## **Section C. Hospital Financial Condition**

**Table A-3:** Characteristics of Hospitals by Category of Financial Condition in 1999

**Table A-4:** Hospitals at Risk of Closure as of 1-1-2000

**Table A-5:** Hospital Closures and Economic Impacts 1986-1996

**Figure A-1:** Graph of Employment Changes Pre and Post Hospital Closure

**Figure A-2:** Graph of Population Changes Pre and Post Hospital Closure

**Figure A-3:** Graph of Income Changes Pre and Post Hospital Closure

**Table A-3: Characteristics of Hospitals by Category of Financial Condition in 1999**

	Appalachian Hospitals				U.S.
	Sustainable Operating Income N=76	Dependent on Non-operating Income N=140	Atrophying Providers N=103	Significant Losses N=111	National Average N=4,017
<i>General Hospital Characteristics in 1999</i>					
For-profit hospital (1=yes, 0=no)	32%	5%	7%	17%	14%
Hospital discharges	5,903 (5,456)	6,006 (5,859)	5,572 (6,388)	2,809 (3,991)	6,069 (7,634)
Outpatient revenue / all patient revenue	46% (13%)	47% (12%)	47% (11%)	50% (13%)	45% (14%)
Age of plant and equipment in years <sup>1</sup>	8.0 (3.7)	10.5 (5.24)	11.8 (6.2)	11.3 (7.2)	11.2 (6.8)
Medicaid inpatient days / inpatient days	11% (6%)	10% (7%)	10% (6%)	8% (6%)	9% (8%)
Medicare inpatient days / inpatient days	58% (10%)	57% (12%)	57% (13%)	63% (12%)	52% (16%)
Medicare case-mix Index	1.25 (.21)	1.22 (.21)	1.23 (.24)	1.14 (.19)	1.25 (.26)
<i>Staffing in 1999</i>					
Full time equivalents	630 (628)	747 (842)	695 (765)	358 (514)	745 (1,028)
Annual Discharges per FTE	9.5 (3.1)	8.3 (2.3)	8.0 (2.8)	7.7 (2.9)	8.3 (9.7)
Average hourly wage	18.33 (2.93)	17.74 (2.31)	17.83 (2.81)	17.27 (2.7)	19.52 (4.04)
<i>Financial Characteristics</i>					
Net patient revenue in 1999	55,430,388 (62,172,588)	59,211,013 (82,826,078)	55,278,741 (72,160,393)	26,466,691 (45,683,754)	67,450,800 (101,651,793)
Operating margin During 1999	9.3% (10.1%)	-3.3% (8.0%)	-4.1% (8.6%)	-13.1% (11.7%)	-5.4% (15.7%)
Investment income and government support / operating expenses in 1999	1.1% (1.8%)	3.0% (3.6%)	2.0% (6.3%)	.9% (1.5%)	2.7% (10.5%)
Net Margin in 1999	8.3% (10.1)	4.8% (5.8)	0.0% (6.2%)	-10.2% (11.5%)	1.5% (12.2%)
Median net margin During 1997-1999	9.3% (5.6%)	5.8% (3.5%)	0.3% (3.1%)	-7.6% (7.1%)	1.6% (18.3%)
Closed during 1999 or 2000 (1=yes) <sup>2</sup>	0%	.7%	1%	4.5%	N/A
HMO Contracts in 2000 <sup>3</sup>	4 (4)	6 (5)	6 (6)	8 (7)	9 (15)
Increase in HMO contracts from 1994 to 2000 <sup>3</sup>	2 (4)	5 (5)	3 (3)	5 (4)	4 (10)
Had a capitation contract in 2000	3%	4%	4%	5%	11%



**Table A-3: Continued**

	Appalachian Hospitals				U.S.
	Sustainable Operating Income N=76	Dependent on Non-operating Income N=140	Atrophying Providers N=103	Significant Losses N=111	National Average N=4,017
<i>ARC Classification of the County's Economy in 2000</i>					
Attainment	8%	8%	5%	9%	NA
Competitive	7%	3%	8%	4%	NA
Transitional	66%	73%	74%	64%	NA
Distressed	20%	16%	14%	23%	NA

<sup>1</sup>Estimated Age= 1999 depreciation expense / year-end accumulated deprecation.

<sup>2</sup>Hospitals could report partial or full year results for fiscal 1999 and close in calendar year 1999; closure data for Appalachian hospitals was verified via telephone inquiries with health care providers.

<sup>3</sup> A large number of hospitals did not respond to this AHA survey question and there is a wide variance in responses. Therefore, data on HMO contracts should be used with caution.

NA= Not available

TABLE A-4

Have County	Multipliers	County	State	Hospital Name	City	Hospitals in the State	Distance to the next hospital	Hospital Employees in 1999	Average wage in 1999	Hospital Empl/County Empl.	Discharges in 1999	Median net margin 1997-1999	Net income in 1999	Equity year end 1999	Hospital closed by 2001	Rural adjacent; rural non-adjacent** or urban county	County Population	ARC 2000 Economic Status	
no		JACKSON	AL	NORTH JACKSON HOSPITAL	BRIDGEPORT	AL	1	10	198	\$17.97	0.83%	1253	-8.99%	-\$989,243	\$2,395,737	yes	Rural Adjacent	51535	2
no		FORSYTH	GA	BAPTIST MEDICAL CENTER - CUMMING	CUMMING	GA	1	0*	307	\$17.73	0.63%	2355	-16.30%	-\$5,054,404	\$9,576,271	yes*	Urban	96686	4
no		ALEXANDER	NC	ALEXANDER COMMUNITY HOSPITAL	TAYLORSVILLE	NC	1	16	72	\$19.38	0.44%	719	-12.88%	-\$1,252,595	<\$0	yes	Urban	31984	3
no		JACKSON	OH	OAK HILL COMM MED CENTER	OAK HILL	OH	1	10	152	\$12.99	1.12%	412	-1.03%	-\$71,104	<\$0	yes	Rural non-adj**	32660	2
no		WESTMORELAND	PA	CITIZENS GENERAL HOSPITAL	NEW KENSINGTON	PA	6	4	493	\$21.36	0.29%	4697	-10.52%	-\$2,299,279	\$22,502,498	yes	Urban	370658	2
no		BLOUNT	AL	BLOUNT MEMORIAL HOSPITAL	ONEONTA	AL	1	20	157	\$18.52	0.69%	1863	-9.17%	-\$1,509,392	<\$0	no	Urban	47411	2
no		ELMORE	AL	COMMUNITY HOSPITAL, INC.	TALLASSEE	AL	2	17	205	\$15.10	0.70%	1930	-2.86%	-\$818,607	\$9,373,717	no	Urban	63488	2
no		ELMORE	AL	ELMORE COMMUNITY HOSPITAL	WETUMPKA	AL	2	12	119	\$13.04	0.41%	982	-3.63%	-\$1,082,233	<\$0	no	Urban	63488	2
no		JEFFERSON	AL	CARRAWAY METHODIST MEDICAL CENTER	BIRMINGHAM	AL	17	same city	1538	\$20.41	0.47%	11919	-2.27%	-\$3,494,174	\$81,729,362	no	Urban	657422	2
no		JEFFERSON	AL	LLOYD NOLAND HOSPITAL	FAIRFIELD	AL	17	4	342	\$12.05	0.11%	1299	-15.32%	-\$2,917,112	<\$0	no	Urban	657422	2
no		MARION	AL	CARRAWAY NORTHWEST MEDICAL CENTER	WINFIELD	AL	2	15	291	\$16.67	1.95%	2876	-2.01%	-\$1,481,235	<\$0	no	Rural non-adj**	30464	2
yes		RANDOLPH	AL	RANDOLPH COUNTY HOSPITAL	ROANOKE	AL	2	13	183	\$15.92	2.07%	2561	-8.52%	-\$1,076,187	\$4,239,169	no	Rural non-adj**	20263	2
no		SAINT CLAIR	AL	ST CLAIR REGIONAL HOSPITAL	PELL CITY	AL	1	15	152	\$16.68	0.51%	1627	-8.95%	-\$494,865	\$1,830,743	no	Urban	63852	2
no		TALLAPOOSA	AL	LAKESHORE COMMUNITY HOSPITAL	DADEVILLE	AL	2	14	100	\$16.55	0.52%	1214	-6.23%	-\$413,719	<\$0	no	Rural Adjacent	40329	2
no		BARROW	GA	BARROW MEDICAL CENTER	WINDER	GA	1	42	74	\$20.25	0.36%	699	-22.55%	-\$1,634,776	\$11,337,425	no	Urban	41891	2
no		CHEROKEE	GA	NORTHSIDE HOSPITAL-CHEROKEE, INC.	CANTON	GA	1	20	293	\$22.01	0.38%	2885	-4.69%	-\$3,957,532	\$6,353,981	no	Urban	141686	4
no		DOUGLAS	GA	EMORY PARKWAY MEDICAL CENTER	LITHIA SPRINGS	GA	3	13	301	\$22.78	0.59%	2902	-2.25%	-\$693,525	\$18,711,435	no	Urban	91175	3
no		HARALSON	GA	HIGGINS GENERAL HOSPITAL	BREMEN	GA	1	22	88	\$16.31	0.98%	697	-7.17%	-\$434,695	\$2,913,342	no	Rural Adjacent	25070	2
no		JACKSON	GA	BJC MEDICAL CENTER	COMMERCE	GA	1	17	287	\$17.07	1.31%	1264	-1.14%	-\$1,509,790	\$5,468,178	no	Rural Adjacent	39057	2
no		MURRAY	GA	MURRAY MEDICAL CENTER	CHATSWORTH	GA	1	17	148	\$20.76	0.82%	958	-2.65%	-\$351,628	<\$0	no	Rural non-adj**	33922	2
no		POLK	GA	POLK GENERAL HOSPITAL	CEDARTOWN	GA	1	24	95	\$15.26	0.63%	780	-9.09%	-\$373,736	<\$0	no	Rural Adjacent	36627	2
no		RABUN	GA	RABUN COUNTY MEMORIAL HOSPITAL	CLAYTON	GA	1	19	105	\$15.62	1.51%	1898	-8.19%	-\$450,585	\$987,384	no	Rural non-adj**	13687	2
yes		TOWNS	GA	CHATUGE REGIONAL HOSPITAL	HIWASSEE	GA	1	12	76	\$21.02	2.13%	142	-15.84%	-\$688,429	<\$0	no	Rural non-adj**	8800	2
no		CASEY	KY	CASEY COUNTY HOSPITAL	LIBERTY	KY	1	43	87	\$16.82	1.38%	463	-7.00%	-\$4,937	<\$0	no	Rural non-adj**	14908	1
no		ESTILL	KY	MARCUM & WALLACE MEMORIAL HOSPITAL	IRVINE	KY	1	17	90	\$15.97	1.63%	530	-1.30%	-\$572,926	\$1,394,201	no	Rural Adjacent	15506	1
no		GARRARD	KY	GARRARD COUNTY MEMORIAL HOSP	LANCASTER	KY	1	8	181	\$13.98	2.49%	443	-8.96%	-\$1,027,318	\$341,997	no	Rural Adjacent	14333	2
no		LINCOLN	KY	FORT LOGAN HOSPITAL	STANFORD	KY	1	19	150	\$13.36	1.40%	1278	-1.50%	-\$123,673	\$924,283	no	Rural non-adj**	22540	1
no		MADISON	KY	BEREA HOSPITAL, INC.	BEREA	KY	2	11	380	\$15.27	1.06%	1377	-4.02%	-\$2,526,821	\$3,387,409	no	Urban	67690	2
yes		MONTGOMERY	KY	MARY CHILES HOSPITAL	MOUNT STERLING	KY	1	14	303	\$15.24	2.52%	1999	-3.95%	-\$821,176	\$14,052,458	no	Rural Adjacent	21636	2
no		CHICKASAW	MS	TRACE REGIONAL HOSPITAL	HOUSTON	MS	2	16	184	\$17.94	2.58%	1256	-5.67%	-\$682,248	<\$0	no	Rural non-adj**	18121	1
no		CHICKASAW	MS	OKOLONA COMMUNITY HOSPITAL	OKOLONA	MS	2	15	56	\$9.43	0.78%	51	-7.90%	-\$232,611	<\$0	no	Rural non-adj**	18121	1
no		CHOCTAW	MS	CHOCTAW CO. MEDICAL CENTER	ACKERMAN	MS	1	15	27	\$13.37	1.01%	73	-7.51%	-\$360,866	\$900,216	no	Rural non-adj**	9366	1
no		MARSHALL	MS	MARSHALL COUNTY MEDICAL CENTER	HOLLY SPRINGS	MS	1	24	96	\$14.16	0.73%	675	-16.76%	-\$4,110,233	\$1,029,871	no	Rural Adjacent	32323	1
no		MONROE	MS	ABERDEEN MONROE COUNTY HOSPITAL	ABERDEEN	MS	2	11	122	\$14.18	0.87%	395	-6.85%	-\$435,370	\$1,129,460	no	Rural non-adj**	38230	1
no		PONTOTOC	MS	PONTOTOC HEALTH SERVICES	PONTOTOC	MS	1	16	129	\$17.65	1.01%	416	-18.41%	-\$1,406,821	<\$0	no	Rural non-adj**	25685	2
no		TISHOMINGO	MS	TISHOMINGO HEALTH SERVICES	IUKA	MS	1	13	123	\$17.25	1.46%	1969	-8.02%	-\$683,419	\$1,899,791	no	Rural Adjacent	18742	1
yes		CHEROKEE	NC	DISTRICT MEMORIAL HOSPITAL	ANDREWS	NC	2	12	209	\$15.60	2.03%	959	-3.30%	-\$1,205,502	\$1,172,505	no	Rural non-adj**	23173	2
no		DAVIE	NC	DAVIE COUNTY HOSPITAL	MOCKSVILLE	NC	1	9	137	\$22.82	0.80%	304	-4.00%	-\$349,588	\$2,582,950	no	Urban	32693	4
no		STOKES	NC	STOKES-REYNOLDS MEMORIAL HOSPITAL	DANBURY	NC	1	50	209	\$14.90	0.93%	497	-13.83%	-\$2,072,038	<\$0	no	Urban	43894	2
no		SWAIN	NC	SWAIN COUNTY HOSPITAL, INC.	BRYSON CITY	NC	2	11	93	\$14.70	1.89%	684	-28.85%	-\$1,418,712	<\$0	no	Rural non-adj**	12341	1
no		YADKIN	NC	HOOTS MEMORIAL HOSPITAL	YADKINVILLE	NC	1	same city	116	\$16.98	0.66%	516	-28.40%	-\$1,847,221	<\$0	no	Urban	35245	2
no		BROOME	NY	OUR LADY OF LOURDES MEMORIAL HOSPITAL	BINGHAMTON	NY	3	same city	1380	\$18.30	1.47%	8980	-2.36%	-\$5,814,958	\$29,339,964	no	Urban	195246	3
no		CHAUTAUQUA	NY	LAKE SHORE HOSPITAL	IRVING	NY	4	11	350	\$16.22	0.56%	1359	-2.14%	-\$16,425	\$2,354,948	no	Urban	137431	2
no		CHAUTAUQUA	NY	WESTFIELD MEMORIAL HOSPITAL	WESTFIELD	NY	4	17	116	\$15.10	0.19%	886	-7.58%	\$79,483	\$2,399,993	no	Urban	137431	2
yes		CHENANGO	NY	CHENANGO MEMORIAL HOSPITAL	NORWICH	NY	1	20	534	\$18.53	2.38%	1648	-5.32%	-\$9,593,868	<\$0	no	Rural Adjacent	50704	2
no		DELAWARE	NY	MARGARETVILLE MEMORIAL HOSPITAL	MARGARETVILLE	NY	3	16	124	\$14.07	0.63%	541	-5.66%	-\$249,955	\$1,285,559	no	Rural Adjacent	46362	2
yes		ADAMS	OH	ADAMS COUNTY HOSPITAL	WEST UNION	OH	1	20	236	\$15.50	2.21%	1267	-1.92%	\$785,402	\$4,178,471	no	Rural Adjacent	28698	1
no		HIGHLAND	OH	GREENFIELD AREA MEDICAL CENTER	GREENFIELD	OH	2	14	127	\$18.32	0.69%	545	-6.54%	-\$1,035,944	\$3,297,667	no	Rural Adjacent	41091	2
no		MEIGS	OH	VETERANS MEMORIAL HOSPITAL	POMEROY	OH	1	12	123	\$16.23	1.63%	110	-17.31%	-\$1,102,905	<\$0	no	Rural Adjacent	24012	1
no		MEIGS	OH	VETERANS MEMORIAL HOSPITAL	POMEROY	OH	1	12	123	\$16.23	1.63%	110	-17.31%	-\$1,102,905	<\$0	no	Rural Adjacent	24012	1
no		WASHINGTON	OH	SELBY GENERAL HOSPITAL	MARIETTA	OH	2	same city	175	\$18.87	0.57%	1490	-8.28%	-\$908,083	\$1,667,811	no	Urban	63029	2
no		ALLEGHENY	PA	ALLEGHENY GENERAL HOSPITAL	PITTSBURGH	PA	33	same city	3947	\$22.88	0.63%	28085	-4.44%	-\$17,579,124	\$128,778,713	no	Urban	1256806	4
no		ALLEGHENY	PA	JEFFERSON HOSPITAL	PITTSBURGH	PA	33	same city	1956	\$20.36	0.31%	12707	-4.97%	-\$10,422,838	\$32,491,743	no	Urban	1256806	4
no		ALLEGHENY	PA	ST. FRANCIS MEDICAL CENTER	PITTSBURGH	PA	33	same city	1778	\$21.57	0.29%	13833	-3.08%	-\$9,832,656	\$68,018,000	no	Urban	1256806	4
no		ALLEGHENY	PA	FORBES REGIONAL HOSPITAL	MONROEVILLE	PA	33	5	1087	\$21.30	0.17%	12056	-10.66%	-\$11,268,643	<\$0	no	Urban	1256806	4
no		ALLEGHENY	PA	ALLEGHENY VALLEY HOSPITAL	NATRONA HEIGHTS	PA	33	5	844	\$17.80	0.14%	8113	-2.31%	-\$1,625,294	\$1,362,336	no	Urban	1256806	4
no		ALLEGHENY	PA	UPMC SOUTHSIDE	PITTSBURGH	PA	33	same city	471	\$16.10	0.08%	4039	-1.75%	\$230,091	\$19,861,185	no	Urban	1256806	4
no		ALLEGHENY	PA	MERCY PROVIDENCE HOSPITAL	PITTSBURGH	PA	33	same city	328	\$16.97	0.05%	3682	-8.90%	-\$2,843,443	<\$0	no	Urban	1256806	4
no		BEAVER	PA	UPMC BEAVER VALLEY	ALIQUIPPA	PA	1	7	464	\$17.87	0.57%	3934	-4.00%	-\$5,648,790	\$8,374,336	no	Urban	182687	2
no		BRADFORD	PA	TROY COMMUNITY HOSPITAL	TROY	PA	3	16	143	\$18.85	0.54%	316	-8.12%	-\$703,758	\$2,304,819	no	Rural Adjacent	62146	2
no		CAMBRIA	PA	MINERS HOSPITAL	HASTINGS	PA	3	4	183	\$17.70	0.30%	1537	-2.35%	-\$1,376,426	\$3,421,609	no	Urban	153766	2
no		COLUMBIA	PA	THE BLOOMSBURG HOSPITAL	BLOOMSBURG	PA	2	7	335	\$17.14	1.08%	3312	-5.14%	-\$1,364,187	\$12,510,668	no	Urban	63674	2
no		ERIE	PA	CORRY MEMORIAL HOSPITAL	CORRY	PA	10	11	201	\$17.35	0.15%	1495	-5.68%	-\$878,506	\$3,528,612	no	Urban	276993	2
no		ERIE	PA	METRO HEALTH CENTER	ERIE	PA	10	same city	181	\$16.79	0.14%	1573	-8.03%	-\$1,302,282	\$6,114,794	no	Urban	276993	2

TABLE A-4

no	ERIE	PA	UNION CITY MEMORIAL HOSPITAL	UNION CITY	PA	10	10	84	\$15.96	0.06%	498	-2.67%	-\$311,565	\$1,928,549	no	Urban	276993	2
no	FAYETTE	PA	BROWNSVILLE GENERAL HOSPITAL	BROWNSVILLE	PA	3	same city	290	\$19.04	0.55%	2194	-1.18%	-\$1,723,676	\$11,710,641	no	Urban	143775	1
no	FAYETTE	PA	HIGHLANDS HOSPITAL	CONNELLSVILLE	PA	3	9	233	\$20.81	0.44%	1874	-3.28%	-\$2,052,477	\$8,161,654	no	Urban	143775	1
yes	HUNTINGDON	PA	JC BLAIR MEMORIAL HOSPITAL	HUNTINGDON	PA	1	12	373	\$17.78	2.18%	3849	-1.10%	-\$2,250,246	\$25,511,678	no	Rural Adjacent	44753	2
no	JEFFERSON	PA	BROOKVILLE	BROOKVILLE	PA	2	13	NA	\$16.32	0.00%	2150	-1.14%	-\$682,444	\$9,034,803	no	Rural non-adj**	46086	2
no	LACKAWANNA	PA	MARIAN COMMUNITY HOSPITAL	CARBONDALE	PA	7	8	381	\$16.33	0.39%	3148	-3.04%	-\$1,069,916	\$2,079,281	no	Urban	206520	2
no	LACKAWANNA	PA	MID VALLEY HOSPITAL	PECKVILLE	PA	7	6	157	\$16.46	0.16%	1279	-3.63%	-\$358,088	\$957,419	no	Urban	206520	2
no	LAWRENCE	PA	ST. FRANCIS HOSPITAL OF NEW CASTLE	NEW CASTLE	PA	3	same city	500	\$16.75	1.32%	3807	-2.75%	-\$1,473,546	\$1,843,278	no	Rural Adjacent	94508	2
no	LUZERNE	PA	VVHCS-HOSPITAL	WILKES-BARRE	PA	11	same city	2316	\$17.57	1.60%	20632	-12.42%	-\$25,703,259	\$56,950,055	no	Urban	312000	2
no	LUZERNE	PA	HAZLETON SAINT JOSEPH MEDICAL CENTER	HAZLETON	PA	11	10	516	\$17.89	0.36%	4380	-2.77%	-\$1,122,807	\$6,108,719	no	Urban	312000	2
no	LUZERNE	PA	HAZLETON GENERAL HOSPITAL	HAZLETON	PA	11	10	494	\$18.88	0.34%	5288	-3.70%	-\$1,424,225	\$18,745,618	no	Urban	312000	2
no	LYCOMING	PA	JERSEY SHORE HOSPITAL	JERSEY SHORE	PA	2	12	187	\$16.67	0.35%	1070	-2.86%	-\$497,403	\$2,819,544	no	Urban	116709	2
no	SCHUYLKILL	PA	POTTSVILLE HOSPITAL & WARNE CLINIC	POTTSVILLE	PA	4	same city	639	\$17.96	1.01%	5461	-3.30%	\$491,008	\$4,762,008	no	Rural Adjacent	148788	2
no	SOMERSET	PA	MEYERSDALE COMMUNITY HOSPITAL	MEYERSDALE	PA	3	14	98	\$13.13	0.28%	562	-6.73%	-\$482,160	\$1,303,834	no	Urban	80028	2
no	WESTMINGTON	PA	CANONSBURG GENERAL HOSPITAL	CANONSBURG	PA	3	6	401	\$21.48	0.44%	3781	-1.41%	-\$390,334	<\$0	no	Urban	204888	2
no	WESTMORELAND	PA	FRICK HOSPITAL	MOUNT PLEASANT	PA	6	9	585	\$19.14	0.34%	5607	-1.06%	-\$1,327,743	\$9,663,292	no	Urban	370658	2
no	PICKENS	SC	CANNON MEMORIAL HOSPITAL	PICKENS	SC	2	6	182	\$16.57	0.33%	1265	-1.44%	-\$183,822	\$1,780,090	no	Urban	108126	2
no	SPARTANBURG	SC	BJ WORKMAN MEMORIAL HOSPITAL	WOODRUFF	SC	4	12	89	\$17.47	0.07%	1247	-2.98%	-\$379,441	\$5,347,933	no	Urban	249636	3
no	BRADLEY	TN	BRADLEY COUNTY MEMORIAL HOSPITAL	CLEVELAND	TN	2	same city	879	\$18.44	2.12%	6903	-1.77%	-\$1,193,374	\$32,101,219	no	Rural Adjacent	84126	2
no	CANNON	TN	STONES RIVER HOSPITAL	WOODBURY	TN	1	16	94	\$17.96	1.93%	740	-19.02%	-\$1,238,538	<\$0	no	Rural Adjacent	12248	2
no	CARTER	TN	SYCAMORE SHOALS HOSPITAL	ELIZABETHTON	TN	1	same city	258	\$16.41	1.05%	2213	-9.20%	-\$3,010,466	\$13,389,146	no	Urban	53299	2
yes	CLAY	TN	CUMBERLAND RIVER HOSPITAL	CELINA	TN	1	13	139	\$13.53	5.77%	834	-30.18%	-\$2,637,767	<\$0	no	Rural non-adj**	7268	1
no	COCKE	TN	BAPTIST HOSPITAL OF COCKE COUNTY	NEWPORT	TN	1	18	276	\$16.78	1.77%	1936	-5.41%	-\$433,797	<\$0	no	Rural non-adj**	32291	1
no	COFFEE	TN	MEDICAL CENTER OF MANCHESTER	MANCHESTER	TN	3	same city	46	\$18.34	0.21%	388	-8.17%	\$11,320	\$4,207,116	no	Rural non-adj**	46355	2
no	HAWKINS	TN	HAWKINS COUNTY MEMORIAL HOSPITAL	ROGERSVILLE	TN	1	11	152	\$13.98	0.67%	969	-29.46%	-\$1,847,095	\$2,055,262	no	Urban	50109	2
no	JEFFERSON	TN	JEFFERSON MEMORIAL	JEFFERSON CITY	TN	1	5	176	\$15.98	0.77%	1774	-3.69%	-\$408,439	\$2,687,865	no	Rural Adjacent	45104	2
no	LOUDON	TN	FORT SANDERS LOUDON MEDICAL CENTER	LOUDON	TN	1	12	162	\$21.17	0.81%	1080	-3.23%	-\$321,752	\$1,399,365	no	Urban	39892	2
no	MARION	TN	GRANDVIEW MEDICAL CENTER	JASPER	TN	1	13	206	\$17.76	1.71%	2029	-19.97%	-\$3,894,168	<\$0	no	Urban	26907	2
no	MCMINN	TN	WOODS MEMORIAL HOSPITAL	ETOWAH	TN	2	20	345	\$13.87	1.68%	1800	-4.86%	-\$983,614	\$12,269,828	no	Rural non-adj**	46395	2
no	VERTON	TN	LIVINGSTON REGIONAL HOSPITAL	LIVINGSTON	TN	1	15	240	\$18.97	2.58%	2992	-13.76%	\$2,348,352	\$17,848,724	no	Rural non-adj**	19654	2
no	SMITH	TN	SMITH COUNTY MEMORIAL HOSP	CARTHAGE	TN	2	15	86	\$19.39	0.91%	955	-6.40%	-\$565,576	\$7,455,324	no	Rural Adjacent	16771	2
no	SULLIVAN	TN	INDIAN PATH MEDICAL CENTER	KINGSPORT	TN	4	same city	528	\$18.03	0.73%	4570	-11.97%	-\$7,592,036	\$30,046,755	no	Urban	150231	2
no	WARREN	TN	RIVER PARK HOSPITAL	MCMINNVILLE	TN	1	same city	336	\$17.42	1.80%	3306	-4.25%	-\$286,930	\$11,200,136	no	Rural non-adj**	36421	2
no	DICKENSON	VA	DICKENSON COUNTY MEDICAL CENTER	CLINTWOOD	VA	1	10	154	\$18.66	3.12%	1231	-27.09%	-\$3,862,227	<\$0	no	Rural non-adj**	16716	1
yes	GALAX CITY	VA	TWIN COUNTY REGIONAL HEALTHCARE, INC	GALAX	VA	2	14	516	\$16.52	6.80%	4040	-2.97%	-\$2,126,104	\$15,769,753	no	Rural non-adj**	16451	2
no	RUSSELL	VA	RUSSELL COUNTY MEDICAL CENTER	LEBANON	VA	1	same city	242	\$15.23	1.83%	2877	-2.71%	-\$1,958,892	<\$0	no	Rural Adjacent	28728	1
no	BARBOUR	WV	BROADDUS HOSPITAL ASSOCIATION	PHILIPPI	WV	1	13	NA	0	265	-5.55%	-\$336,328	\$2,321,174	no	Rural non-adj**	15979	1	
no	CALHOUN	WV	MINNIE HAMILTON HEALTH CARE CENTER	GRANTSVILLE	WV	1	17	NA	0	320	-1.30%	-\$328,788	\$719,977	no	Rural non-adj**	7982	1	
no	FAYETTE	WV	MONTGOMERY GENERAL	MONTGOMERY	WV	2	16	273	\$20.06	1.65%	1445	-2.05%	-\$1,854,230	\$8,346,758	no	Rural Adjacent	46785	1
no	FAYETTE	WV	PLATEAU MEDICAL CENTER	OAK HILL	WV	2	12	270	\$17.56	1.63%	2651	-3.92%	-\$4,190,865	<\$0	no	Rural Adjacent	46785	1
yes	LOGAN	WV	LOGAN GENERAL HOSPITAL	LOGAN	WV	2	same city	847	\$21.04	7.21%	6596	-19.45%	-\$11,759,467	<\$0	no	Rural non-adj**	40183	1
no	MARSHALL	WV	REYNOLDS MEMORIAL HOSPITAL, INC.	GLEN DALE	WV	1	6	429	\$17.85	2.76%	2758	-10.97%	-\$92,418	\$19,534,011	no	Urban	34968	2
no	MERCER	WV	COLUMBIA ST. LUKES HOSPITAL	BLUEFIELD	WV	4	same city	29	\$16.72	0.11%	262	-28.78%	-\$739,305	\$1,075,635	no	Rural non-adj**	64132	2
no	NICHOLAS	WV	SUMMERSVILLE MEMORIAL HOSPITAL	SUMMERSVILLE	WV	2	17	329	\$17.45	3.28%	1878	-1.12%	-\$87,903	\$8,734,756	no	Rural non-adj**	27526	1
no	OHIO	WV	OHIO VALLEY GENERAL HOSPITAL	WHEELING	WV	2	same city	757	\$16.94	3.14%	5672	-4.12%	-\$3,157,215	\$6,483,667	no	Urban	47719	2
no	PRESTON	WV	PRESTON MEMORIAL HOSPITAL	KINGWOOD	WV	1	7	182	\$14.25	1.51%	1109	-1.27%	-\$156,740	\$1,480,698	no	Rural non-adj**	29814	2
no	RALEIGH	WV	BECKLEY ARH	BECKLEY	WV	3	same city	562	\$19.39	1.71%	6031	-1.18%	-\$1,723,335	<\$0	no	Rural non-adj**	78947	1
no	SUMMERS	WV	SUMMERS COUNTY ARH	HINTON	WV	1	18	147	\$17.45	3.63%	794	-13.17%	-\$1,524,554	<\$0	no	Rural non-adj**	13863	1

\* A replacement hospital in Cumming GA was built by the Georgia Babbit Health Care System when they closed the Babbit Medical Center

TABLE A-5

County	State	Hospital	City	Closure date per AHA/DHHS	FTEs Prior to Closure	Percent of County Jobs	Remaining Hospitals in the County	Distance to Nearest Hospital	Rural adjacent, Rural non-adj**	County-level job growth over six years*	Appalachian-level the job growth over same six years	Economical Distressed in 1986	Economically Distressed in 2000
Hancock	TN	HANCOCK COUNTY HOSPITAL	SNEEDVILLE	1992	75	6.28%	None per AHA	16.2	Rural non-adj	24%	10%	yes	yes
Sequatchie	TN	SEQUATCHIE GENERAL HOSPITAL	DUNLAP	1993	67	2.56%	None per AHA	19.4	Rural adjacent	7%	13%	yes	no
Heard	GA	FIRST HEALTH HEARD	FRANKLIN	1988	34	1.77%	None per AHA	18	Rural adjacent	31%	13%	no	no
Tucker	WV	TUCKER COUNTY HOSPITAL	PARSONS	1988	44	1.59%	None per AHA	19.5	Rural non-adj	14%	13%	no	no
Lamar	AL	LAMAR REGIONAL HOSPITAL	VERNON	1996	68	1.06%	None per AHA	15.9	Rural non-adj	-9%	9%	no	no
Macon	AL	JOHN A ANDREW COMM HOSPITAL	TUSKEGEE	1987	86	1.04%	None per AHA	18.7	Rural adjacent	2%	13%	NA	yes
Itawamba	MS	ITAWAMBA COUNTY HOSPITAL	FULTON	1993	62	1.04%	None per AHA	16.1	Rural non-adj	6%	13%	no	no
Wyoming	WV	WYOMING GENERAL HOSPITAL	MULLENS	1988	61	0.99%	None per AHA	15.2	Rural non-adj	-11%	13%	no	yes
Cleburne	AL	CLEBURNE COMMUNITY MED CENTER	HEFLIN	1991	93	0.65%	None per AHA	16	Rural adjacent	15%	11%	no	no
Grundy	TN	GRUNDY COMM. GENERAL HOSP	COALMONT	1986	NA	NA	None per AHA	21	Rural adjacent	9%	14%	yes	yes
McDowell	WV	STEVENS CLINIC HOSPITAL	WELCH	1987	133	1.88%	1	same city	Rural non-adj	-35%	13%	yes	yes
Caldwell	NC	BLACKWELDER MEMORIAL HOSPITAL	LENOIR	1988	41	1.06%	1	same city	Urban	13%	13%	no	no
Limestone	AL	FIRST HEALTH JACKSON	LESTER	1993	24	0.99%	1	13.6	Urban	4%	13%	no	no
Calhoun	MS	BRUCE HOSPITAL	PITTSBORO	1991	41	0.89%	1	10	Rural non-adj	9%	11%	no	no
Polk	GA	ROCKMART-ARAGON HOSPITAL	ROCKMART	1994	81	0.83%	1	11.4	Rural adjacent	9%	12%	no	no
Roane	TN	CHAMBERLAIN MEMORIAL HOSPITAL	ROCKWOOD	1996	164	0.69%	1	9.6	Rural adjacent	-19%	9%	no	no
Chautauqua	NY	JAMESTOWN GENERAL HOSPITAL	JAMESTOWN	1988	393	0.68%	4	same city	Urban	2%	13%	no	no
Wythe	VA	WYTHEVILLE HOSPITAL	WYTHEVILLE	1987	64	0.63%	1	same city	Rural non-adj	14%	13%	no	no
Upshur	WV	ELIZABETH C LEONARD MEM HOSP	BUCKHANNON	1988	42	0.60%	1	same city	Rural non-adj	5%	13%	no	yes
Scioto	OH	SOUTHERN HILLS HOSPITAL	PORTSMOUTH	1987	104	0.48%	1	same city	Rural adjacent	11%	13%	no	yes
Brooke	WV	WEIRTON OSTEOPATHIC HOSPITAL	WEIRTON	1992	33	0.40%	1	same city	Urban	7%	10%	no	no
Allegany	MD	FROSTBURG COMMUNITY HOSPITAL	FROSTBURG	1994	119	0.38%	3	5.8	Urban	8%	12%	no	no
Columbiana	OH	POTTERS MEDICAL CENTER	EAST LIVERPOOL	1995	122	0.34%	2	same city	Urban	11%	11%	no	no
Logan	WV	HOLDEN HOSPITAL	HOLDEN	1988	44	0.33%	2	3.7	Rural non-adj	9%	13%	no	yes
Tazewell	VA	MATTIE WILLIAMS HOSPITAL	RICHLANDS	1990	160	0.32%	2	same city	Rural non-adj	11%	11%	no	no
De Kalb	TN	KHI DOCTORS HOSPITAL	SMITHVILLE	1992	62	0.29%	1	same city	Rural adjacent	6%	10%	no	no
Cattaraugus	NY	SALAMANCA DISTRICT HOSPITAL	SALAMANCA	1990	73	0.22%	2	17.5	Rural adjacent	1%	11%	no	no
Lackawanna	PA	SCRANTON STATE GEN HOSPITAL	SCRANTON	1988	213	0.22%	7	same city	Urban	7%	13%	no	no
Cherokee	GA	WOODSTOCK HOSPITAL	WOODSTOCK	1994	50	0.21%	1	9.3	Urban	64%	12%	no	no
Anderson	TN	ST MARY'S NORTH HOSPITAL	LAKE CITY	1988	50	0.15%	2	11.9	Urban	33%	13%	no	no
Lee	MS	NORTH MISSISSIPPI MED CENTER	BALDWYN	1991	58	0.14%	2	9.8	Rural non-adj	28%	11%	yes	yes
Lackawanna	PA	CARBONDALE GENERAL HOSPITAL	CARBONDALE	1991	120	0.12%	7	same city	Urban	3%	11%	no	no
Spartanburg	SC	AMI DOCTORS MEMORIAL HOSPITAL	SPARTANBURG	1994	138	0.11%	4	same city	Urban	15%	12%	no	no
Cabell	WV	GUTHRIE MEMORIAL HOSPITAL	HUNTINGTON	1988	25	0.05%	6	same city	Urban	3%	13%	no	no
Calhoun	AL	PIEDMONT HOSPITAL & NRSG HOME	PIEDMONT	1992	24	0.04%	3	16.1	Urban	0%	10%	no	no
Westmoreland	PA	WESTMORELAND MCGINNIS HOSP	LIGONIER	1992	24	0.02%	6	9.8	Urban	8%	10%	no	no
Allegheny	PA	WEST ALLEGHENY HOSPITAL	OAKDALE	1986	NA	NA	33	same city	Urban	10%	14%	no	no
Sullivan	TN	KINGSPORT HOSPITAL	KINGSPORT	1986	NA	NA	4	same city	Urban	10%	14%	no	no
Marion	AL	GUIN HOSPITAL	GUIN	1986	NA	NA	2	11.8	Rural non-adj	4%	14%	no	no
Bell	KY	RED BIRD MOUNTAIN MEDICAL CTR	BEVERLY	1986	70	0.70%	2	28.6	Rural non-adj	3%	14%	no	yes
Anderson	SC	SALUDA VALLEY COMMUNITY HOSP	WILLIAMSTON	1986	NA	NA	1	10.8	Urban	13%	14%	no	no
Lawrence	AL	FIRST HEALTH COURTLAND	COURTLAND	1988	NA	NA	1	12.5	Urban	27%	13%	yes	no
Mean for all counties that experienced a hospital closure										<b>9.10%</b>	<b>12.17%</b>		
Mean for county's that lost their only hospital										<b>8.80%</b>	<b>12.20%</b>		

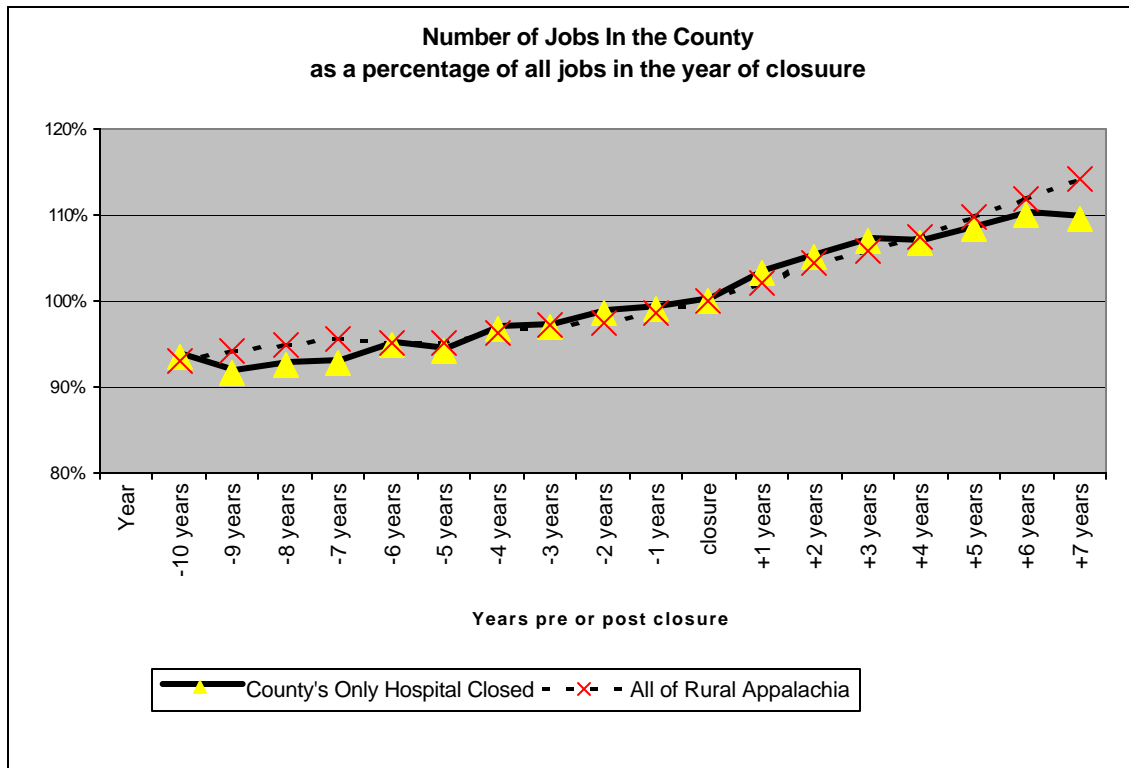
\*Six-year change in jobs refers to the percentage growth in employment from two years prior to closure to four years after closure

\*\* Non-adj refers to not being adjacent to a metropolitan Statistical Area

\*\*Adjacent is defined as being physically adjacent to one or more MSAs and having at least 2 percent of the population commuting to central metropolitan areas

NA = Historical data on employment at these hospitals was not available from our data sources.

Figure A-1



**Figure A-2**

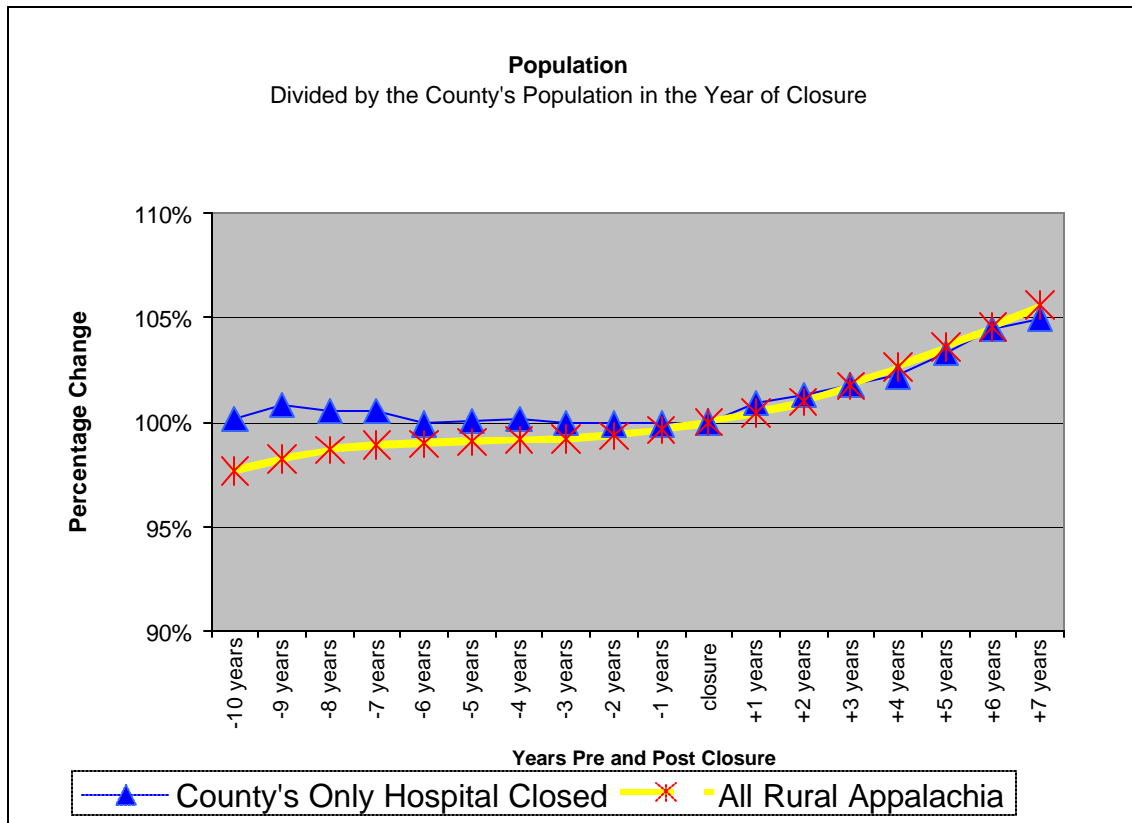
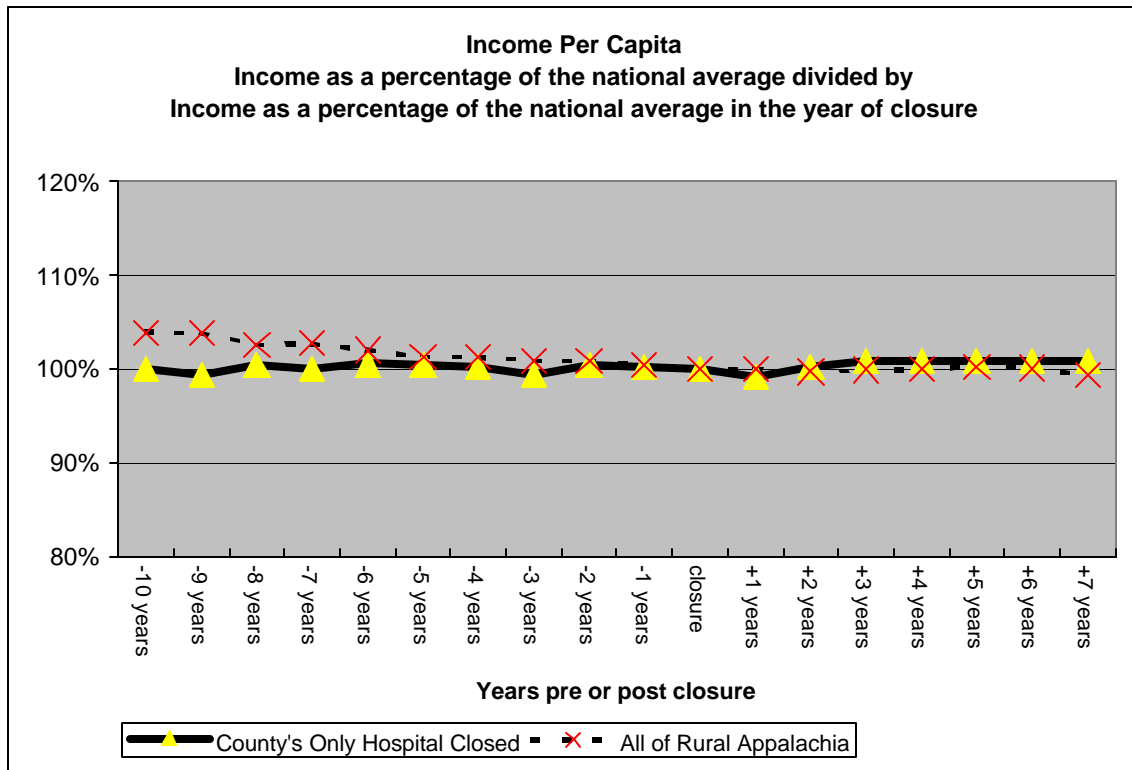


Figure A-3



## **Section D. Skilled Nursing Facilities Financial Condition**

**Table A-6:** Characteristics of SNFs by Category of Financial Condition

**Table A-7:** SNF Medicaid Data

**Table A-8:** Skilled Nursing Facilities at Risk of Closure as of 1-1-2000



**Table A-6: Characteristics of SNFs by Category of Financial Condition in 1999**

	Appalachian Skilled Nursing Facilities				U.S.
Characteristics	Sustainable Operating Income N=485	Dependent on Non-Operating Income N=144	Atrophying Providers N=218	Significant Losses N=63	National Averages N=9,842
<i>General SNF Characteristics in 1999</i>					
For-profit SNF (1 = yes, 0 = no)	88%	52%	60%	59%	77%
Number of staffed beds	122 (55)	135 (59)	124 (65)	135 (73)	128 (85)
Inpatient Days	39,964 (19,199)	43,130 (20,272)	38,519 (21,491)	39,961 (24,639)	39,392 (24,430)
Occupancy	92% (.08)	.91% (.09)	.88% (.11)	.83% (.15)	.86% (.13)
Medicaid inpatient days / inpatient days	49% (34%)	48% (33%)	56% (33%)	54% (34%)	50% (33%)
Medicare inpatient days / inpatient days	9% (5%)	7% (4%)	8% (4%)	8% (4%)	8% (6%)

	Appalachian Skilled Nursing Facilities				U.S.
Characteristics	Sustainable Operating Income N=485	Dependent on Non-Operating Income N=144	Atrophying Providers N=218	Significant Losses N=63	National Averages N=9,842
<i>Staffing in 1999</i>					
Full time equivalents	92 (57)	116 (72)	102 (80)	113 (97)	105 (891)
Inpatient Days per FTE	485 (189)	416 (169)	422 (152)	408 (188)	470 (218)
Average hourly wage in 1999	12.93 (2.64)	13.00 (1.84)	13.08 (2.29)	13.69 (2.37)	13.89 (3.53)

	Appalachian Skilled Nursing Facilities				U.S.
Characteristics	Sustainable Operating Income N=485	Dependent on Non-Operating Income N=144	Atrophying Providers N=218	Significant Losses N=63	National Averages N=9,842
<i>Financial Characteristics</i>					
Average annual revenue in 1999 (in millions)	5.1 (3.1)	5.4 (3.0)	5.0 (3.4)	5.1 (3.7)	5.3 (5.0)
Median revenue Per inpatient day in 97-99	128 (44)	125 (43)	129 (57)	123 (32)	131 (57)
Median total cost	118	130	136	131	133

per inpatient day in 97-99	(49)	(53)	(73)	(34)	(77)
Median capital costs per inpatient day in 97-99	11 (10)	11 (10)	16 (23)	12 (12)	14 (16)
Operating Margin in 1999	6.6% (7.5%)	-3.5% (9.5%)	-6.9% (9.7)	-9.7% (9.7%)	-2.0% (11.8%)
Net margin in 1999	7.6% (7.5%)	4.6% (8.5%)	-4.2% (8.9%)	-6.8% (8.3%)	0.3% (11.7%)
Median Net Margin During 1997-1999	8.3% (8.7%)	6.0% (7.4%)	-3.6% (5.8%)	-6.1% (5.2%)	1.9% (9.2%)

	Appalachian Skilled Nursing Facilities				U.S.
Characteristics	Sustainable Operating Income N=485	Dependent on Non- Operating Income N=144	Atrophying Providers N=218	Significant Losses N=63	National Averages N=9,842
<i>ARC Classification of the County's Economy in 2000</i>					
Attainment	10%	11%	13%	13%	NA
Competitive	9%	6%	6%	16%	NA
Transitional	68%	72%	66%	63%	NA
Distressed	13%	11%	15%	8%	NA

<sup>1</sup> Estimated Age= 1999 depreciation expense / 1999 year-end accumulated depreciation.

<sup>2</sup> Wage costs do not include fringe benefit costs

Mean values are presented with standard deviations in parentheses.

NA = Not Available

**Table A-7: State Medicaid Data**

State	Average Medicaid Rate per Inpatient Day in 1999 <sup>1</sup>	Annual Inpatient Days per FTE <sup>2</sup>	Average Hourly Wage in 1999 <sup>2</sup>	Average Occupancy	Percent of SNFs with Significant losses 1997-1999 <sup>2</sup>
Alabama	\$103.86	440	\$11.97	93%	3%
Georgia	\$83.64	558	\$11.99	88%	10%
Kentucky	\$93.01	439	\$11.70	91%	5%
Maryland	NA	602	\$14.71	86%	7%
Mississippi	\$84.54	553	\$11.11	89%	1%
New York	\$173.85	344	\$18.71	94%	6%
North Carolina	\$119.94	479	\$13.19	90%	5%
Ohio	\$112.49	394	\$14.07	84%	11%
Pennsylvania	\$120.50	468	\$14.97	88%	8%
South Carolina	\$87.01	465	\$12.63	92%	4%
Tennessee	\$85.37 /133.55	462	\$12.34	88%	5%
Virginia	\$75.08	545	\$12.87	92%	7%
West Virginia	\$106.48 /107.37	495	\$12.25	91%	3%
U.S. Average	NA	470	\$13.89	86%	10%

Sources: <sup>1</sup>The Guide to the Nursing Home Industry, HCIA and Arthur Anderson

<sup>2</sup>Project HOPE analysis of Medicare cost report data

Note: Tennessee and West Virginia have different rates for facilities of different Size and/or capabilities.

NA: Not Available

TABLE A-8

County	State	Name of Skilled Nursing Facility	SNF Employees FTEs in 1999	Employees in the County in 1999	SNF Employees / County Employees	Average Wage at the SNF	BEDS at the SNF	SNF Beds in the County	Median Net Margin 1997- 1999	Median Net Income 1997- 1999	Equity year end 1999	Median Occupancy 1997-1999	ARC Economic 2000 Status
Jefferson	al	MONTCLAIR EAST NURSING CENTER	84	325416	0.03%	\$25.75	112	3641	-4.39%	-\$145,244	\$1,329,292	89%	2
Jefferson	al	ST. MARTINS-IN-THE-PINES	165	325416	0.05%	\$12.40	138	3641	-6.96%	-\$413,562	<0	92%	2
Madison	al	WESTSIDE HEALTH CARE	100	138468	0.07%	\$11.43	129	810	-10.19%	-\$499,672	<0	93%	3
Dade	ga	SUNRISE CARE & REHAB FOR DADE	59	7013	0.84%	\$11.83	71	71	-22.89%	-\$209,916	<0	48%	2
Lumpkin	ga	GOLD CITY HEALTH & REHAB	53	10471	0.50%	\$12.22	102	102	-1.12%	-\$36,715	\$26,868	72%	2
Polk	ga	SUNRISE CARE REHAB CEDARTOWN	84	15077	0.56%	\$11.86	116	289	-6.15%	-\$63,999	<0	63%	2
Rabun	ga	MOUNTAIN VIEW HEALTH & REHAB	43	6925	0.62%	\$14.04	117	117	-4.13%	-\$103,716	<0	71%	2
White	ga	FRIENDSHIP HEALTH CARE CENTER	38	8829	0.43%	\$12.49	89	149	-8.57%	-\$245,685	\$17,882	48%	3
White	ga	GATEWAY HEALTHCARE CENTER	46	8829	0.52%	\$8.64	60	149	-21.08%	-\$92,520	<0	49%	3
Casey	ky	LIBERTY CARE CENTER	87	6322	1.38%	\$11.02	100	100	-1.03%	-\$40,303	\$361,218	93%	1
Washington	md	REEDERS MEMORIAL	168	65700	0.26%	\$13.47	167	1075	-8.32%	-\$541,616	\$2,706,519	89%	2
Buncombe	nc	138 BLUE RIDGE REHAB & HC CENTER	94	98658	0.10%	\$14.53	120	1574	-1.38%	-\$27,956	\$537,336	93%	3
Forsyth	nc	BLUMENTHAL JEWISH HOME FOR THE AGED	115	149109	0.08%	\$13.11	190	1593	-6.09%	-\$230,936	\$6,590,760	94%	4
Forsyth	nc	SPRINGWOOD CARE CTR OF FORSYTH	208	149109	0.14%	\$16.89	200	1593	-2.96%	-\$58,838	<0	68%	4
Forsyth	nc	MEADOWBROOK MANOR OF CLEMMONS	242	149109	0.16%	\$12.21	120	1593	-2.58%	-\$99,215	\$261,191	93%	4
Henderson	nc	LAKEWOOD MANOR (235) B	59	35269	0.17%	\$14.24	150	850	-1.99%	-\$125,942	\$2,456,754	89%	3
Chemung	ny	CHEMUNG COUNTY NURSING FACILITY	191	42508	0.45%	\$18.94	200	736	-1.27%	-\$153,034	\$3,496,388	98%	2
Cortland	ny	CORTLAND CARE CENTER	133	21156	0.63%	\$13.14	120	400	-2.85%	-\$169,978	<0	95%	2
Steuben	ny	CORNING HOSP FOUNDERS PAVILION	142	44805	0.32%	\$15.91	120	701	-3.31%	-\$182,817	\$316,310	96%	2
Tompkins	ny	RECONSTRUCTION HOME	120	49178	0.24%	\$11.77	120	555	-1.78%	-\$101,585	\$1,118,843	99%	2
Adams	oh	VILLAGE SQUARE	41	10673	0.38%	\$14.71	50	208	-4.23%	-\$42,993	<0	46%	1
Clermont	oh	CLERMONT HEALTH CARE CENTER	204	91058	0.22%	\$16.15	208	852	-1.68%	-\$145,198	<0	68%	3
Clermont	oh	ARBORS AT MILFORD	178	91058	0.20%	\$15.36	139	852	-10.93%	-\$797,581	<0	85%	3
Columbiana	oh	SALEM CONVALESCENT CENTER	78	49444	0.16%	\$10.90	90	678	-4.13%	-\$110,415	\$2,042,791	86%	2
Columbiana	oh	THE VISTA CENTRE	92	49444	0.19%	\$14.41	50	678	-4.59%	-\$175,840	\$162,526	86%	2
Gallia	oh	ARBORS AT GALLIPOLIS	105	13676	0.77%	\$12.60	106	286	-19.03%	-\$674,258	<0	90%	1
Pike	oh	PIKETON NURSING CENTER, INC.	53	10640	0.50%	\$12.00	51	302	-2.41%	-\$41,754	\$149,733	88%	1
Ross	oh	WESTMORELAND PLACE	119	32890	0.36%	\$12.76	150	452	-3.98%	-\$216,082	\$433,001	92%	2
Allegheny	pa	CHARLES M. MORRIS NURS & REHAB	140	621591	0.02%	\$16.08	159	8831	-1.72%	-\$234,953	\$7,377,913	92%	4
Allegheny	pa	ST. FRANCIS NURSING CENTER - EAST	61	621591	0.01%	\$15.34	150	8831	-4.31%	-\$258,443	\$1,014,181	97%	4
Allegheny	pa	LGAR HEALTH & REHABILITATION CENTER	76	621591	0.01%	\$14.64	120	8831	-1.56%	-\$56,908	\$1,092,410	89%	4
Allegheny	pa	HARMARVILLE CARE CENTER	129	621591	0.02%	\$13.75	246	8831	-18.63%	-\$701,257	<0	96%	4
Armstrong	pa	ARMSTRONG COUNTY HEALTH CENTER	139	29441	0.47%	\$12.90	160	596	-1.86%	-\$372,227	\$2,284,605	67%	2
Beaver	pa	VILLA ST JOSEPH OF BADEN, INC.	76	81429	0.09%	\$13.49	120	1334	-3.95%	-\$265,475	\$1,209,714	94%	2
Blair	pa	VALLEY VIEW HOME	160	60597	0.26%	\$13.90	244	1204	-1.49%	-\$155,367	\$8,468,476	71%	2
Butler	pa	CHICORA MEDICAL CENTER	98	83656	0.12%	\$12.20	140	1636	-5.81%	-\$179,581	<0	90%	3
Butler	pa	VALENCIA WOODS, INC.	59	83656	0.07%	\$11.00	91	1636	-6.33%	-\$302,609	<0	56%	3
Cambria	pa	LAUREL CREST REHAB. & SPEC. CARE CT	732	61889	1.18%	\$13.75	552	1084	-1.83%	-\$1,027,200	\$1,233,148	92%	2
Clarion	pa	BEVERLY HEALTHCARE-CLARION	36	18052	0.20%	\$13.45	123	350	-6.25%	-\$214,520	\$5,898,652	81%	2
Crawford	pa	BEVERLY HEALTHCARE-MEADVILLE	32	39453	0.08%	\$13.76	101	843	-8.41%	-\$269,524	\$6,954,725	86%	2
Erie	pa	BALL PAVILION INC.	92	133777	0.07%	\$13.19	85	2218	-8.51%	-\$336,311	\$3,250,926	94%	2
Erie	pa	LUTHERAN HOME FOR THE AGED	102	133777	0.08%	\$15.09	142	2218	-13.62%	-\$566,292	\$530,837	86%	2
Indiana	pa	JULIA POUND CARE CENTER	83	33675	0.25%	\$13.89	131	605	-19.02%	-\$1,477,227	<0	92%	2
Juniata	pa	LOCUST GROVE VILLAGE	50	9709	0.51%	\$14.20	79	221	-8.30%	-\$255,681	\$627,129	72%	2
Lackawanna	pa	LACKAWANNA COUNTY HEALTH CARE CENTE	270	98008	0.28%	\$16.05	272	2354	-1.72%	-\$215,091	\$269,764	82%	2
Lackawanna	pa	LAUREL HILL NURSING HOME	83	98008	0.08%	\$15.03	127	2354	-11.38%	-\$417,786	\$651,363	95%	2
Lackawanna	pa	HOLIDAY MANOR NURSING HOME	135	98008	0.14%	\$14.57	154	2354	-6.56%	-\$417,786	\$651,363	76%	2
Luzerne	pa	LWS ST. LUKE MANOR	102	144647	0.07%	\$13.91	104	3012	-8.41%	-\$362,436	\$4,433,896	81%	2
Montour	pa	MARIA JOSEPH MANOR	107	8436	1.27%	\$11.69	96	338	-5.63%	-\$179,711	\$1,954,462	76%	3
Northumberland	pa	KRAMM HEALTHCARE CENTER, INC.	117	41333	0.28%	\$13.17	138	1062	-5.19%	-\$241,654	\$213,733	90%	2
Northumberland	pa	KRAMM NURSING HOME, INC.	114	41333	0.27%	\$15.47	125	1062	-5.51%	-\$220,390	\$10,266	95%	2
Sullivan	pa	DARWAY NURSING HOME	63	2407	2.63%	\$14.00	70	190	-5.21%	-\$120,229	<0	97%	2
Tioga	pa	THE GREEN HOME, INC.	124	18343	0.68%	\$13.59	122	268	-3.30%	-\$151,344	\$2,572,171	84%	2
Union	pa	BUFFALO VALLEY LUTHERAN VILLAGE	67	18078	0.37%	\$14.42	110	427	-2.75%	-\$299,920	\$2,854,591	63%	2

TABLE A-8

Washington	pa	IHS GREENERY OF CANONSBURG	151	91025	0.17%	\$15.29	140	1318	-1.96%	-\$207,272	<0	46%	2
Anderson	tn	ONEIDA NURSING/REHAB CENTER	53	34955	0.15%	\$9.49	56	617	-4.82%	-\$76,683	<0	91%	2
Bradley	tn	BRADLEY HEALTHCARE & REHAB.	170	41505	0.41%	\$12.42	224	487	-11.88%	-\$761,199	\$2,859,573	82%	2
Hamilton	tn	HAMILTON COUNTY NURSING HOME		146078	0.00%	\$16.15	550	1912	-8.56%	-\$1,839,558	\$6,120,666	94%	4
Roane	tn	ROYAL CARE OF HARRIMAN	137	23518	0.58%	\$11.70	180	477	-6.39%	-\$404,489	<0	82%	2
Alleghany	va	CLIFTON FORGE NURSING HOME	45	6019	0.75%	\$12.47	150	150	-1.16%	-\$45,398	\$1,760,939	97%	2
Lee	va	CARTER HALL NURSING HOME	22	8782	0.25%	\$11.21	50	50	-7.68%	-\$119,370	\$770,820	79%	1
Kanawha	wv	CEDAR RIDGE CENTER	52	102801	0.05%	\$14.12	120	942	-4.13%	-\$203,933	<0	84%	2
Monongalia	wv	MADISON CENTER	61	37795	0.16%	\$12.22	156	422	-1.20%	-\$61,973	\$504,228	87%	2

## **Section E. Glossary**

**Table A-9:** Variable Definitions and Sources

**Section E. Glossary**

**Table A-9 Variable Definitions and Sources**

<b>Variable Name</b>	<b>Variable Description</b>	<b>Source/Formula</b>
<i>Provider Variables</i>		
Physicians in the County	Total number of Medical Doctors and Doctors of Osteopathy.	The data are reported in the ARF and originally come from the American Medical Association Master Files and the American Osteopathic Association
Physicians per 100,000 people	Medical Doctors and Doctors of Osteopathy per 100,000 people.	Number of Medical Doctors and Doctors of Osteopathy per 100,000 people in the county.
1990-1999 Change in physicians per 100,000 people	This represents the changes in the number of physicians per capita over the period 1990-1999	(Physicians per 100,000 in 1999) – (Physicians per 100,000 in 1990)
Primary care physicians in the county	General practice, Family Practice, General Internal Medicine, and General Pediatrics.	The data are reported in the ARF and originally come from the American Medical Association Master Files and the American Osteopathic Association.
Primary care physicians per 100,000 people	Total number of Primary Care Physicians per 100,000 people	Primary Care Physicians/ (County population /100,000)
Dentists in the county	Full time dentists that are in private practice	The data are reported in the ARF and originally come from the American Dental Association 1995 State and County Demographic Reports.
Dentists per 100,000 people	Total number of dentists per 100,000 people	Dentists/ (County population/100,000)
Optometrists in the county	Total active (federal and non-federal) optometrists in 1990	The data are reported in ARF and originally come from the 1990 Census of Population and Housing: Equal Employment Opportunity (EEO) file

**Table A-9 Variable Definitions and Sources - Continued**

<b>Variable Name</b>	<b>Variable Description</b>	<b>Source/Formula</b>
Optometrists per 100,000 people	Total number of optometrists per 100,000 people in 1990	Optometrists/ (County population/100,000)
Economic Status of the County	Categories of economic status (distressed, transitional, competitive, and attainment) are based on levels of poverty, unemployment and income levels. For definitions and historical changes over time, see Wood and Bischak (2000).	Poverty data are obtained from the 1980 and 1990 U.S. Censuses of Population and Housing and the U.S. Census Bureau Small Area Income and Poverty Estimates. Three-year average unemployment rate obtained from USA Counties 1998 and three-year average per capita market-income derived from the Regional Economic Information System 1969-98.
<i>Services Variables</i>		
A local provider who had an emergency department	A hospital or affiliated provider in the county had an emergency department. (1=Available 0=Not available)	American Hospital Association Annual Survey of Hospitals
A local provider who had surgical services	A hospital or affiliated provider in the county had an emergency department. (1=Available 0=Not available)	American Hospital Association Annual Survey of Hospitals
A local provider who had OB services	A hospital or affiliated provider in the county had an emergency department. (1=Available 0=Not available)	American Hospital Association Annual Survey of Hospitals
A local provider who had mammography services	A hospital or affiliated provider in the county had an emergency department. (1=Available 0=Not available)	American Hospital Association Annual Survey of Hospitals
A local provider who had ultrasound	A hospital or affiliated provider in the county had an emergency department. (1=Available 0=Not available)	American Hospital Association Annual Survey of Hospitals
A local provider who had a CT scanner	A hospital or affiliated provider in the county had an emergency department. (1=Available 0=Not available)	American Hospital Association Annual Survey of Hospitals
A local provider who had MRI services	A hospital or affiliated provider in the county had an emergency department. (1=Available 0=Not available)	American Hospital Association Annual Survey of Hospitals
A local provider who had hospice	A hospital or affiliated provider in the county had an emergency department. (1=Available 0=Not available)	American Hospital Association Annual Survey of Hospitals



**Table A-9 Variable Definitions and Sources - Continued**

<b>Variable Name</b>	<b>Variable Description</b>	<b>Source/Formula</b>
A local provider who had services for Drug and Alcohol	A hospital or affiliated provider in the county had an emergency department. (1=Available 0=Not available)	American Hospital Association Annual Survey of Hospitals
A local provider who had psychiatric services	A hospital or affiliated provider in the county had an emergency department. (1=Available 0=Not available)	American Hospital Association Annual Survey of Hospitals
A local provider who had oncology	A hospital or affiliated provider in the county had an emergency department. (1=Available 0=Not available)	American Hospital Association Annual Survey of Hospitals
A local provider who had home health	A provider in the county had home health services. (1=Available 0=Not available)	CMS Online Survey and Certification Reporting System (OSCAR)
SNF beds in the county per ARF	Number of Skilled Nursing Facility beds in the county.	CMS Online Survey and Certification Reporting System (OSCAR) database as reported in the ARF
<i>Financial Condition of Hospitals</i>		
Capitation Contracts	The hospital receives a fixed payment for providing or arranging all of a patient's necessary care.	American Hospital Association Annual Survey of Hospitals
HMO Contracts	The number of contracts the hospital currently has with health maintenance organizations.	American Hospital Association Annual Survey of Hospitals
Closure Data	Hospital no longer provides inpatient care. The facility may still provide outpatient care or skilled nursing care.	American Hospital Association annual surveys confirmed with telephone conversations with local providers such as ambulance services and physician offices.
Remaining hospitals in the county	Number of hospitals remaining in the county after hospital closure.	American Hospital Association annual surveys confirmed with telephone conversations with local providers such as ambulance services and physician offices.

**Table A-9 Variable Definitions and Sources - Continued**

<b>Variable Name</b>	<b>Variable Description</b>	<b>Source/Formula</b>
Distance to nearest hospital	Mileage distance to closest hospital	Yahoo Maps and Yahoo Yellow Pages driving instructions
Rural adjacent, rural non-adjacent, or urban	Adjacent refers to being in a county that is adjacent to a Metropolitan Statistical Area	USDA Rural urban continuum codes (RUCC)
USDA 2000 RUCC	Rural/Urban Continuum Codes. Code of 0-3 = Urban; 4,6, and 8 = Adjacent Urban; and 5, 7, 9 =Not Adjacent.	Data are reported in ARF and originally come from <i>Rural-Urban Continuum Codes for Metro and Nonmetro Counties</i> , Department of Agriculture.
Hospital employees (FTEs)	Number of hours worked by full and part-time employees divided by 2080.	Data are reported in the hospital cost report and originally come from HCFA form 2552-96, Worksheet S-3, Part I.
Average hospital wage	Average hourly wage for all employees in the hospital or skilled nursing facility.	Data are reported in the Hospital Cost Report and originally come from HCFA form 255-96, Worksheet S-3, Part II.
Hospital employment/county employment	FTEs on hospital payroll / total county employment	Data are reported in the Hospital Cost Reports and in the Area Resource File.
Discharges	Total number of discharges	Data are reported in the hospital cost report and originally come from HCFA form 2552-96, Worksheet S-3, Part I.
Median net margin	Median net margin over the years 1997-1999. In each of the three years the total margin is defined as Net Income / Total Revenue..	Data are reported in the Hospital Cost Report and originally come from HCFA form 2552-96, Worksheet G
Net income	Income - expenses	Data are reported in the Hospital Cost Report and originally come from HCFA form 2552-96, Worksheet G.

**Table A-9 Variable Definitions and Sources - Continued**

<b>Variable Name</b>	<b>Variable Description</b>	<b>Source/Formula</b>
Equity (Fund Balance)	Hospital equity (or fund balances) are determined the book value of hospital assets less the book value of hospital liabilities.	Data are reported in the Hospital Cost Report and originally come from HCFA form 2552-96, Worksheet G.
Hospitals closed by 2001	Closure status of hospital in 2001. 'Yes' if hospital was closed by 2001. or 'No' if hospital was not.	Closure data was compiled by the American Hospital Association and Department of Health and Human Services
<i>Financial Condition of Nursing Homes</i>		
Beds in the SNF	Total number of beds in the Skilled nursing facility.	Data are reported in the Skilled Nursing Facility Cost Report and originally come from HCFA form 2552-96, Worksheet S-3, Part I.
SNF beds in the county	Total number of SNF beds in the county	Data are reported in the Area Resource file and originally come from
Median net margin	Median net margin over the years 1997-1999. In each of the three years the total margin is defined as Net Income / Total Revenue	Calculated by dividing Net earnings by revenue and then multiplying by 100.
Equity year end	This represents the book value of assets minus liabilities at the end a year	Assets - Liabilities
Median occupancy	Median occupancy over the years 1997-1999.	Inpatient days / Available days
Operating Margin	Profitability from core operations prior to the receipt of any charitable contributions or government support.	Operating Income / Net Patient Revenue